

## 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.  
Consiglio Nazionale delle Ricerche, Italy.  
The University of Helsinki, Finland.  
Academy of Sciences of the Czech Republic.  
Bundesministerium für Wissenschaft und Forschung, Austria.  
The Hungarian Academy of Sciences.  
Council for Geoscience, South Africa.  
Instituto Geografico Nacional, Spain.  
The Icelandic Meteorological Office.  
China Earthquake Administration.

NTNF/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.  
University of Tehrān, Iran.  
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.  
Korea Institute of Geoscience and Mineral Resources.  
British Geological Survey, U.K.  
University of Texas at Austin, U.S.A.  
LDG, Bruyeres-le-Chatel, France.  
Kuwait Institute for Scientific Research.  
California Institute of Technology, U.S.A.  
Korea Meteorological Administration  
CRAAG, Algeria  
Institute of Earth Sciences, Academia Sinica, Chinese Taipei  
Kandilli Observatory and Earthquake Research Institute, Turkey  
OGS, Trieste, Italy.  
NRIAG, Cairo, Egypt  
Polish Academy of Sciences  
University of the West Indies, Jamaica  
Institute of Geophysics, Polish Academy of Sciences  
Uppsala Universitet, Sweden.

### ASSOCIATE MEMBERS

Munich Reinsurance Company.

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

**© 2007 INTERNATIONAL SEISMOLOGICAL CENTRE  
Pipers Lane, Thatcham, Berkshire, RG19 4NS, United Kingdom**

Printed in Wales by Cambrian Printers, Aberystwyth

## Addendum

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 been adopted by the ISC (Storchak, D.A., J. Schweitzer, P. Bormann (2003) The IASPEI Standard Seismic Phase List, Seismological Research Letters 74, 6, 761-772).

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

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

The following example illustrates the changes :-

### September 2002

NEIC 01 18:45:41.7±1.7, 21.70S×179.55W, h600km, mb4.6/6,  
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0  
IDC 01 18:45:46.3±2.6, 21.76S×179.70W, h627km, mb3.5/4,  
mb1 3.7/4, mb1mx3.2/14, Error ellipse: s-maj=83.2km  
s-min=20.6km az=159.0  
ISC 01 18:45:43.1±2.7, 22.3S:0.2×179.6W:0.3, h613km, 42km,  
n2, o15/2/1, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	A <sup>1</sup>	AZ <sup>2</sup>	Phase ID	ISC	Time	Res
				Op		h m s	ISC
HBZ	Hicks Bay	15.41	186	eP	P	18 48 53.1	-1.7
URZ	Urewera	16.21	189	P	P	18 49 01.5	-0.9
MRZ	Mangalainoka R	18.81	192	eP	P	18 49 26.7	0.0
DIW	D'Urville Isla	19.30	195	eP	P	18 49 27.3	-3.9
CAW	Cannon Point	19.34	192	eP	P	18 49 31.7	+0.1
OTW	Orongorongo Tu	19.52	192	eP	P	18 49 33.0	-0.2
MOW	Moikau	19.61	192	eP	P	18 49 35.5	+1.5
THZ	Tophouse	20.46	196	eP	P	18 49 42.0	+0.2
KHZ	Kahutara	20.93	194	P	P	18 49 46.2	+0.2
ARMA	Armidale	27.03	246	eP	P	18 50 42.4	+2.3
	4.9nm, 0.5s, mb4.4						
CTA	Charters Tower	31.93	267	iP	P	18 51 22.3	+0.4
	13nm, 0.5s, mb4.8						
STKA	Stephens Creek	35.75	246	eP	P	18 51 55.3	+1.8
	3.1nm, 0.4s, mb4.2						
ASAR	Alice Springs	42.74	259	P	P	18 52 50.1	+0.3
	9.8nm, 0.5s, mb4.6, baz=92, slow=8.2, SNR=47						
ASAR				S	S	18 58 31.3	-0.1
	1.0nm, 0.8s, baz=95, slow=15, SNR=5.7						
ASPA	Alice Springs	42.74	259	eP	P	18 52 50.1	+0.2
WRA	Warramunga Arr	42.96	264	P	P	18 52 51.0	-0.7
	1.8nm, 0.3s, mb4.0, baz=96, slow=7.8, SNR=93						
WRA				S	S	18 58 33.0	-1.5
	0.3nm, 0.9s, baz=99, slow=14, SNR=3.0						
KAKA	Kakadu	46.64	273	eP	P	18 53 18.2	-1.8
	14nm, 0.4s, mb4.8						
FITZ	Fitzroy Crossi	51.39	264	eP	P	18 53 54.3	-0.7
	12nm, 0.3s, mb4.8						
MBWA	Marble Bar	56.08	259	eP	P	18 54 27.1	-0.7
	11nm, 0.6s, mb4.2						
CMAR	Chiang Mai Arr	89.35	290	P	P	18 57 38.1	+1.0
	1.3nm, 0.6s, mb0.8, baz=135, slow=3.1, SNR=8.1						
ARCES	ARCESS Array B	130.36	349	PKP	PKP	19 03 43.7	-0.5
	0.7nm, 0.6s, baz=282, slow=4.2, SNR=3.5						
FINES	FINES Array B	137.02	342	PKP	PKP	19 03 57.3	+0.5
	3.7nm, 1.1s, baz=158, slow=3.2, SNR=3.4						
MLR	Muntele Rosu	148.85	324	PKPbc	PKP	19 04 22.7	+5.2
	0.2nm, 0.7s, baz=1.2, slow=23, SNR=2.3						

### Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

### Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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





Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KIMD Kanaga Island, KIWB Mount Adagadak, ADK Mount Adagadak, etc.

THR 01 01:13:09.6.0.7, 39.38N-53.90E, h15km, ML4.4
CSEM 01 01:13:09.6.0.1, 39.32N-53.99E, h10km, mb4.5/44, Error ellipse: s-maj=2.5km s-min=2.2km az=124.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MZDA Masada, ARU Arti, ARU Arti, etc.

IDC 01 00:45:03.8.6.9, 59.81S-26.32W, h68km, 60km, mb4.0/4, mb1.4/5, mb1mx3.8/12, ML3.9/1, MS2.3/1, Ms1 2.3/1, ms1mx2.2/15, Error ellipse: s-maj=87.3km s-min=24.9km az=43.0

NEIC 01 00:45:04.6.2.9, 59.87S-26.49W, h78km, 27km, mb4.2/3, 4C, Error ellipse: s-maj=51.1km s-min=11.0km az=222.0, South Sandwich Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA3 Neumayer-Olymp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THKV Tehran-Karaj, GRMI Garmi, MAK Makhachkala, etc.

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

IDC 01 00:48:23.7.5.2, 18.77S-138.49E, mb1 3.1/3, mb1mx3.1/9, ML2.6/3, Error ellipse: s-maj=46.7km s-min=29.4km az=31.0, Queensland

MOS 01 01:02:27.1.0.8, 56.50N-121.00E, h14km, mb4.4/1, Error ellipse: s-maj=40.9km s-min=34.9km az=148.7, Southeastern Siberia

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 CRS Chara, CRS Chara, CRS Chara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MALT Malatya, AML Almayashu, EKS2 Erkin-Say, etc.

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







GRYON Gryon	0.27 110	ePg	Pg	06 18 06.4	0.0
GRYON		eSg	Sg	06 18 10.1	-0.1
EMV Vieux Eמושון	0.30 159	ePg	Pg	06 18 07.6	+0.7
EMV		eSg	Sg	06 18 12.3	+1.2
GIMEL Gimel	0.38 300	ePg	Pg	06 18 10.8	+2.4
SEININ Lac Senin	0.39 87	ePg	Pg	06 18 08.5	+0.9
SEININ		eSg	Sg	06 18 13.7	-0.2
TORNY Torny	0.46 191	iPg	Pg	06 18 11.6	+1.7
TORNY		eSg	Sg	06 18 17.6	+1.5
CABF La Chapelle	0.52 301	ePg	Pg	06 18 13.4	+2.1
CABF		eSg	Sg	06 18 21.2	+2.9
DIX Grande Dixence	0.54 119	iPg	Pg	06 18 11.8	+0.3
DIX		eSg	Sg	06 18 18.6	-0.1
LKBD Leukerbad	0.62 86	ePg	Pg	06 18 12.8	-0.3
LKBD		eSg	Sg	06 18 20.9	-0.5
BRANT Les Verrieres	0.62 343	ePg	Pg	06 18 14.5	+1.3
RSL Roselend	0.66 187	Pg	Pg	06 18 15.0	+1.0
RSL		eSg	Sg	06 18 23.6	+0.8
WIMIS Wimmis	0.69 62	ePg	Pg	06 18 14.3	-0.3
LPL La Plagne	0.83 180	ePg	Pg	06 18 18.0	+0.7
LPL		eSg	Sg	06 18 29.8	+1.4
LPL La Plagne	0.83 180	eSg	Sg	06 18 29.8	+1.4
LPG La Plagne	0.85 179	ePg	Pg	06 18 18.3	+0.6
LPG		eSg	Sg	06 18 30.2	+1.2
LSO Ceresole Reale	0.93 162	P	Pb	06 18 19.5	+0.9
LSO		S	Sb	06 18 30.3	-0.6
LSO Ceresole Reale	0.93 162	P	Pb	06 18 19.5	+0.9
LSO		S	Sb	06 18 30.3	-0.6
OG05 Jujurieux	0.94 252	Pg	Pg	06 18 22.3	+2.8
OG05		eSg	Sg	06 18 36.2	+4.1
MCGN Macugnaga	0.95 114	ePg	Pg	06 18 19.0	-0.7
MCGN		eSg	Sg	06 18 30.4	-2.0
MCGN Macugnaga	0.95 114	ePg	Pg	06 18 19.0	-0.7
MCGN		eSg	Sg	06 18 30.4	-2.0
TRAV Trarivola	1.09 139	P	Pb	06 18 22.4	+1.1
TRAV		S	Sb	06 18 35.1	-0.4
TRAV Trarivola	1.09 139	P	Pb	06 18 22.4	+1.1
TRAV		S	Sb	06 18 35.1	-0.4
ORX Oropa	1.12 129	P	Pb	06 18 23.0	+1.1
ORX		S	Sb	06 18 36.1	-0.2
ORX Oropa	1.12 129	P	Pb	06 18 23.0	+1.1
ORX		S	Sb	06 18 36.1	-0.3
BALST Balsthal	1.19 33	iP	P	06 18 24.2	
RSP Reno Supérieure	1.25 163	P	Pb	06 18 24.8	+0.8
RSP		S	Sb	06 18 39.2	+0.7
RSP Reno Supérieure	1.25 163	P	Pb	06 18 24.8	+0.8
RSP		S	Sb	06 18 39.2	+0.7
BANAL Bannalp	1.27 65	iPg	Pg	06 18 25.6	-0.6
RRL Cesana Torines	1.43 179	P	Pn	06 18 28.5	+1.6
RRL		eSg	Sg	06 18 28.5	+1.6
HINF Cesana Torines	1.48 3	ePg	Pg	06 18 29.7	-0.5
HINF		eSg	Sg	06 18 49.8	-0.1
HINF Hinteralfeld	1.48 3	ePg	Pg	06 18 29.7	-0.5
HINF		eSg	Sg	06 18 49.8	-0.1
BHB Bricherasio	1.55 166	P	Pn	06 18 29.2	+0.6
ORIF Oris-en-Rattie	1.55 203	ePg	Pg	06 18 31.1	-0.5
ORIF		eSg	Sg	06 18 51.3	-1.0
MBDF Montbardon	1.62 179	ePg	Pg	06 18 32.3	-0.7
MBDF		eSg	Sg	06 18 54.0	-0.6
HAU Hautecombe	1.68 351	ePn	Pn	06 18 31.5	+0.9
HAU		eSg	Sg	06 18 55.9	-0.9
HAU Hautecombe	1.68 351	ePg	Pg	06 18 33.7	-0.6
HAU		eSg	Sg	06 18 55.9	-0.9
PZZ Prazzo	1.86 172	P	Pn	06 18 33.7	+0.7
PZZ Prazzo	1.86 172	P	Pn	06 18 33.7	+0.6
SMF Signal de Mont	2.02 280	ePn	Pn	06 18 36.9	+1.4
SMF		eSg	Sg	06 18 42.0	+0.8
SMF Signal de Mont	2.02 280	ePg	Pg	06 18 42.0	+0.8
SMF		eSg	Sg	06 19 07.6	-0.6
VIVF Saint-Julien-I	2.08 225	ePn	Pn	06 18 37.6	+1.4
VIVF		eSg	Sg	06 18 43.4	+1.2
VIVF Saint-Julien-I	2.08 225	ePg	Pg	06 18 43.4	+1.2
VIVF		eSg	Sg	06 19 09.0	-0.9
CDF Champ du Feu	2.10 10	ePn	Pn	06 18 36.8	+0.2
CDF		eSg	Sg	06 18 41.4	-1.3
CDF Champ du Feu	2.10 10	ePg	Pg	06 18 41.4	-1.3
CDF		eSg	Sg	06 19 08.5	-2.2
STV Sta Anna Valdi	2.14 169	P	Pn	06 18 37.6	+0.5
STV		eSg	Sg	06 18 37.7	+0.6
STV Sta Anna Valdi	2.14 169	P	Pn	06 18 37.6	+0.5
STV		eSg	Sg	06 18 37.7	+0.6
ROB Roburent	2.20 158	P	Pn	06 18 38.5	+0.5
ROB		eSg	Sg	06 18 38.5	+0.5
ROB Roburent	2.20 158	P	Pn	06 18 38.5	+0.5
ROB		eSg	Sg	06 18 38.5	+0.5
SSF Saint Sauveur	2.34 289	ePg	Pg	06 18 41.4	+1.4
SSF		eSg	Sg	06 18 47.2	-0.2
SSF Saint Sauveur	2.34 289	ePn	Pn	06 19 08.5	-0.5
SSF		eSg	Sg	06 19 15.9	-2.7
DAVA Damuels	2.35 65	iPg	Pg	06 18 47.2	-0.2
DAVA		eSg	Sg	06 19 08.5	-0.5
DAVA Damuels	2.35 65	iPg	Pg	06 18 47.2	-0.2
DAVA		eSg	Sg	06 19 08.5	-0.5
AVF Avril sur Loir	2.38 282	ePn	Pn	06 18 48.4	+0.2
AVF		eSg	Sg	06 19 17.8	-2.1
AVF Avril sur Loir	2.38 282	ePg	Pg	06 18 48.4	+0.2
AVF		eSg	Sg	06 19 17.8	-2.1
SMRF Simiane la Rot	2.51 200	ePn	Pn	06 18 42.8	+0.4
SMRF		eSg	Sg	06 18 49.4	-1.4
SMRF Simiane la Rot	2.51 200	ePg	Pg	06 18 42.8	+0.4
SMRF		eSg	Sg	06 19 22.6	-1.6
SBF Sospel	2.53 169	ePn	Pn	06 18 49.4	-1.4
SBF		eSg	Sg	06 19 22.6	-1.6
IMI Imperia	2.57 161	P	Pn	06 18 42.6	-0.6
IMI		eSg	Sg	06 18 42.6	-0.6
IMB Bois d'Agland	2.70 276	ePg	Pg	06 18 54.7	+0.1
BGF		eSg	Sg	06 19 29.6	-1.0
BGF Bois d'Agland	2.70 276	ePg	Pg	06 18 54.7	+0.1
BGF		eSg	Sg	06 19 29.6	-1.0
FRF La Foret Royal	2.78 181	ePn	Pn	06 18 46.2	-0.1
FRF		eSg	Sg	06 18 54.4	-1.9
FRF La Foret Royal	2.78 181	ePg	Pg	06 18 46.2	-0.1
FRF		eSg	Sg	06 19 29.8	-3.6
HYF Humbligny	2.96 290	ePn	Pn	06 18 49.8	+0.9
LMR La Moure	3.02 183	ePg	Pg	06 18 58.2	-2.7
LMR		eSg	Sg	06 19 36.1	-5.0
LMR La Moure	3.02 183	ePg	Pg	06 18 58.2	-2.7
LMR		eSg	Sg	06 19 36.1	-5.0
LASF Ste Croix	3.05 223	ePn	Pn	06 18 50.3	+0.2
LASF		eSg	Sg	06 18 59.7	-1.9
LASF Ste Croix	3.05 223	ePg	Pg	06 18 50.3	+0.2
LASF		eSg	Sg	06 19 37.3	-4.9
LASF Ste Croix	3.05 223	ePg	Pg	06 18 59.7	-1.9
LASF		eSg	Sg	06 19 37.3	-4.9

TCF Toulx Ste Croi	3.14 271	ePn	Pn	06 18 52.1	+0.7
TCF		eSg	Sg	06 19 02.2	-1.2
TCF Toulx Ste Croi	3.14 271	ePg	Pg	06 19 28.4	-1.0
TCF		eSg	Sg	06 19 43.0	-2.3
CAF Calviat	3.57 248	ePn	Pn	06 18 57.9	+0.4
RLJF Les Relajoux	3.80 256	Pn	Pn	06 19 00.7	0.0
BAIF Baives	4.08 336	ePn	Pn	06 19 04.3	-0.5
MTLF Montlieu	4.40 229	ePg	Pg	06 19 24.7	-3.8
MTLF		eSg	Sg	06 20 11.8	-5.4
MFF Saint Martin d	4.76 276	ePn	Pn	06 19 21.0	-0.5
LDR La Drutiere	5.17 298	ePn	Pn	06 19 19.5	-0.7
GRR Gorron	5.55 294	ePn	Pn	06 19 24.8	-0.8
ROSF Rostrenen	7.09 290	ePn	Pn	06 19 45.7	-1.6

NIED 01 06:52:00, 41.60N, 142.10E, h50km, Mw4.5 Best double couple:  $M_0=6.59 \times 10^{15}$  N $P_1=20^\circ$ ,  $\delta 66^\circ$ ,  $\lambda 90^\circ$ . N $P_2=20^\circ$ ,  $\delta 91^\circ$

MOS 01 06:52:22.1, 2, 41.27N, 141.96E, h33km, mb4.9/22, Error ellipse: s-maj=14, 1km s-min=7.5km az=98.4

JMA 01 06:52:27.5, 0.1, 41.57N, 142.06E, h63km, mb4.4, M4.4

JMA 01 06:52:29.8, 0.6, 41.58N, 142.03E, h74km, mb4.1/20, mb1 4.3/21, mb1mx4.3/25, MS3.6/8, Ms1 3.6/8, ms1mx3.4/23, Error ellipse: s-maj=15.0km s-min=9.3km az=106.0

BUI 01 06:52:29.2, 41.78N, 142.30E, h98km, mb4.9, mb4.7

NEIC 01 06:52:29.7, 0.3, 41.56N, 142.00E, mb4.7/33, MW4.5(NIED), Error ellipse: s-maj=7.0km s-min=5.7km az=129.0

ISC 01 06:52:27.2, 0.3, 41.57N, 142.03E, 0.03, h67km, mb2km, h75km, 1.7km; pP-P, n165,  $\sigma 195/178$ , mb4.6/69, 4C-7D, Hokkaido region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JOT	Ohata	0.76	256	P	06 52 43.1	+0.3
JOT				S	06 52 54.6	+0.3
KJB	Kayabe	0.81	293	P	06 52 43.3	+0.1
KJB				S	06 52 55.8	+0.4
JNKB	Urakawa-nobuka	0.89	37	P	06 52 43.7	-0.6
JNKB				S	06 52 56.6	-0.4
JEM	Erino	0.95	62	P	06 52 44.8	-0.4
JEM				S	06 52 57.5	-1.0
JTM	Tenmabayashi	1.07	223	P	06 52 47.3	+0.5
JTM				S	06 53 01.5	+0.3
JNB	Noboribetsu	1.16	321	P	06 52 47.6	+0.3
JNB				S	06 53 02.5	-0.9
JSR	Shirouchi	1.21	269	P	06 52 49.3	+0.7
JBT2	Birator 2	1.23	11	P	06 52 49.1	+0.2
JBT2				S	06 53 06.6	+1.6
JANG	Nango	1.26	198	P	06 52 49.1	-0.2
JANG				S	06 53 05.2	-0.5
JEW	Eniwo	1.34	341	P	06 52 50.8	+0.3
JEW				S	06 53 07.9	+0.7
JYM	Yakumo 2	1.36	294	P	06 52 51.2	+0.5
JCH	Churui	1.44	43	P	06 52 52.1	+0.3
JCH				S	06 53 09.4	-0.5
JFR	Furan	1.64	14	P	06 52 54.5	-0.1
JFR				S	06 53 14.0	-0.7
AKASHI	Okushiri-Mats	1.98	286	P	06 53 14.0	-0.7
AKASHI	Asahikawa	2.58	9	P	06 53 08.8	+1.1
ASAJ				S	06 53 39.6	+1.8
ASAJ				LR	06 54 38.7	
ASAJ	Asahikawa	2.58	9	P	06 53 08.8	+1.2
ASAJ				S	06 53 39.7	+1.9
ASAJ				MLR		
YUK	Yuzh-Kuril'sk	3.74	48	iP	06 53 21.8	-2.1
YUK				S	06 54 02.0	-5.1
YUK				pmx		
YUK				pmx		
YUK				pmx		
YUK				smx		
YUK				smx		
YUK				smx		
YSS	Yuzh-Sakhalins	5.41	5	eP	06 53 50.2	+3.1
YSS				MLR		
YSS				MLR		
YSS				eP	06 53 48.7	+1.6
KUR	Kuril'sk	5.61	47	P	06 53 48.0	-1.9
KUR				S	06 54 48.0	-5.7
KUR				smx		
KUR				smx		
MAJO	Matsushiro	5.84	212	eP	06 53 54.8	+1.7
MAT	Matsushiro	5.84	212	P	06 53 54.2	+1.2
MAT				S	06 55 02.0	+2.6
MAT	Matsushiro	5.84	212	P	06 53 54.0	+1.0
MAT				S	06 55 07.0	+7.6
MDJ	Mudanjiang	9.60	293	P	06 54 44.6	-0.2
MDJ				AMB		
MDJ				AMB		
MDJ				P	06 54 45.4	+0.5
CN2	Changchun	12.41	286	eP	06 55 22.6	-0.2
CN2				S	06 55 37.9	-2.0
CN2				AMB		
CN2				AMB		
CN2				P	06 55 47.7	+6.8
SNY	Shenyang	13.79	277	iP	06 58 11.8	-1.1
SNY				S		
SNY				AMB		
SNY				AMB		
DLB	Chichi jima	14.44	179	LR		









Table with columns: ULN, Ulanabaatar, 56.95 337 eP, P, 11 28 43.4 +0.1, comp=Z,3.3nm,0.7s,mb4.5

Table with columns: CD2, comp=Z,150nm,4.8s, AMB, AMB

Table with columns: SOC, comp=E,54nm,0.8s, pmax, pmax

ICD 01 11:45:39.1±0.7, 32.23N±92.77E, mb4.2/11, mb1 4.4/13, mb1mx4.3/18, ML3.9/2, MS3.7/5, Ms1 3.8/5, ms1mx3.3/20, Error ellipse: s-maj=28.3km s-min=16.1km az=55.0

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

LDG 01 11:45:40.8±0.5, 32.65N±92.17E, h10km, Mb4.7/10, Ms3.6/5, Error ellipse: s-maj=25.9km s-min=7.7km az=130.0

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

NEIC 01 11:51:47.2±0.7, 32.70S±71.49W, h25km, ML2.9(GUC), After GUC

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

1d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Farellones, Pirque, Longovio, Chadas Angostu, Las Melosas, El Canelo, San Fernando.

IDC 01 12:02:36.2-1.1, 3.47S, 135.42E, mb4.3/3, mb1 4.2/7, mb1mx4.1/14, ML3.5/4, MS3.4/1, Ms1 3.4/1, ms1mx2.5/16, Error ellipse: s-maj=52.2km s-min=25.6km az=68.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kakadu, Port Moresby, Tennant Creek, Warramunga Arr, Fitzroy Crossi, Charters Tower, Alice Springs, Marble Bar, Kurchatov, Borovoye Array, Brvk, Chkalovo, Elsieon Array, La Paz.

BJI 01 12:03:21.6, 35.63N, 84.98E, h30km, ML3.7, Xizang region. Includes stations like Sundarnagar, Urumqi.

IDC 01 12:04:31.8-18.0, 7.19S, 157.44E, mb3.8/3, mb1 4.1/3, mb1mx3.8/12, Error ellipse: s-maj=409.0km s-min=51.0km az=98.0, Bougainville - Solomon Islands region. Includes stations like Warramunga Arr, Alice Springs, Chiang Mai Arr.

NEIC 01 12:07:12.5, 33.96S, 71.36W, h53km, MD3.9(GUC), After GUC.

GUC 01 12:07:12.5-0.6, 33.96S, 71.36W, h53km, MD3.9, ML2.8, 1C-4D, Near coast of central Chile.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Longovio, Talagante, Las Cruces, Chadas Angostu, El Canelo, Rinconada Maip, San Fernando, Antumapu, Pirque, Cerro Calan, Las Melosas, Peidhue, Farellones, Jahuel.

IDC 01 12:14:35.2-2.1, 30.45S, 177.29W, mb4.2/5, mb1 4.3/7, mb1mx4.1/16, ML3.7/2, Error ellipse: s-maj=51.8km s-min=33.5km az=130.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Urewera, Rata Peaks, Charters Tower, Stephens Creek.

2004 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Stephens Creek, Alice Springs, Tennant Creek, Warramunga Arr, Fitzroy Crossi, FINES FINESS Array, Malin Array.

IDC 01 12:23:56.3-4.5, 3.66N, 128.43E, mb3.7/4, mb1 3.9/4, mb1mx3.7/17, MS3.3/3, Ms1 3.3/3, ms1mx3.0/19, Error ellipse: s-maj=105.0km s-min=68.6km az=86.0, North of Halmahera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fitzroy Crossi, Port Moresby, Warramunga Arr, Alice Springs, Charters Tower, JNTA, Nakatsue, Stephens Creek.

IDC 01 12:27:09.0-1.1, 3.37S, 135.45E, mb4.2/4, mb1 4.6/8, mb1mx4.4/14, ML4.1/4, Error ellipse: s-maj=40.6km s-min=22.3km az=79.0

BJI 01 12:27:12.0, 3.40S, 135.30E, h10km, mb4.5. NEIC 01 12:27:12.0-0.5, 3.37S, 135.34E, h10km, mb4.3/8, Error ellipse: s-maj=11.7km s-min=8.1km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kakadu, Port Moresby, Alice Springs, WRAB Tennant Creek, Warramunga Arr, Warramunga Arr, Fitzroy Crossi, Charters Tower, Alice Springs, Marble Bar, Kurchatov, Borovoye Array, Brvk, Chkalovo, Elsieon Array, La Paz.

IDC 01 12:03:21.6, 35.63N, 84.98E, h30km, ML3.7, Xizang region. Includes stations like Sundarnagar, Urumqi.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kakadu, Port Moresby, WRAB Tennant Creek, Warramunga Arr, Warramunga Arr, Fitzroy Crossi, Fitzroy Crossi, Charters Tower, Alice Springs, Marble Bar, STKA Stephens Creek, SHL Shilling, GTA Gaotai, GUN Gumba, PKI Pulchoki, KKN Kakan, DMN Daman, GKN Gorkha, KOLN Koldanda, BVK Borovoye Array, BRVK Borovoye, CHZK Chkalovo, ILAR Elsieon Array, LPAZ La Paz.

STR 01 12:31:42.9-0.8, 44.49N, 6.73E, h2km, 1km, ML2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 01 12:31:42.7-0.1, 44.47N, 6.73E, h2km, Md1.9/3, ML1.9/4, Error ellipse: s-maj=1.9km s-min=1.2km az=72.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saint Ours, Montbardon, Tournerai, Aurier, Oris-en-Rattie, Sospel, La Foret Royal, Simiane la Rot, La Plagne, La Moure.

10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yonaguni jima, Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Tarama.

BER 01 12:44:31.1-2.7, 60.53N-25.37E, ML2.2(NAO), Suspected explosion

NAO 01 12:44:32.2-4.8, 60.65N-25.03E, ML2.2

HEL 01 12:44:32.0-0.4, 60.56N-25.22E, ML1.5, ML2.2(NAO), Explosion, Finland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pernaia, FINESS Array, Vireojoki, Keuruu, Kangasniemi, Sumainen, Ylistaro, Hagfors, Hagfors, Antofagasta, Cerro Paranal.

GUC 01 12:50:43.5-1.0, 23.64S, 68.72W, h95km, 16km, MD3.7, ML2.5, 1C-1D, Northern Chile.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, Limon Verde, Antofagasta, Cerro Paranal.

BJI 01 13:05:15.1, 4.11S, 135.90E, h10km, mb4.7, mb4.7, Ms4.4, Ms4.2

IDC 01 13:05:21.5-0.9, 3.28S, 135.56E, mb4.2/5, mb1 4.4/9, mb1mx4.3/14, ML4.1/4, Error ellipse: s-maj=41.0km s-min=19.6km az=64.0

NEIC 01 13:05:24.0-0.5, 3.40S, 135.33E, h10km, mb4.2/6, Error ellipse: s-maj=12.9km s-min=7.9km az=82.0

IDC 01 13:05:23.7-2.6, 3.62S, 135.05E, h15km, 20km, h15km, 1.1km, p-P, n39, a1909/40, mb4.7/16, MS4.1/3, 2D, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kakadu, Port Moresby, WRAB Tennant Creek, Warramunga Arr, Warramunga Arr, Fitzroy Crossi, Fitzroy Crossi, Charters Tower, Alice Springs, Marble Bar, STKA Stephens Creek, Nanjing, Chiang Mai Arr, Chengdu, Changchun, Lanzhou.

comp-Z, 2.1nm, 1.5s, mb5.0

comp-N, 1.75nm, 15.0s

comp-Z, 2.246nm, 17.8s, MS4.2

comp-Z, 85nm, 4.4s

comp-E, 1.17nm, 11.9s

comp-Z, 1.14nm, 17.5s

comp-Z, 2.29nm, 7.5s, mb5.4

JMA 01 12:41:36.0-0.1, 24.88N-122.20E, h90km, 3km, ML2.6

TAP 01 12:41:36.2, 24.80N-122.17E, h88km, ML3.6, Taiwan region



1d 15h

Table of station data for 1d 15h, including columns for station name, time, and various parameters like S, Sb, P, Pn, etc.

2004 DEC

Table of station data for 2004 DEC, including columns for station name, time, and various parameters like S, Sb, P, Pn, etc.

12

Table of station data for 12, including columns for station name, time, and various parameters like S, Sb, P, Pn, etc.









NEIC 01 18:06:14.7, 34.75N-25.47E, h15km, MD3.4(ATH), After ATH.  
 CSEM 01 18:06:14.5, 0.5, 34.73N-25.40E, h2km, MD3.4, Error ellipse: s-maj=14.2km s-min=5.4km az=176.0  
 ATH 01 18:06:14.7, 34.75N-25.47E, h15km, 4km, MD3.4/1, C, Crete

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
XRY	Khrisi	0.22	56	ePB	Sb	18 06 20.1	+0.2
XRY	Khrisi	0.22	56	eSB	Sb	18 06 23.0	-0.4
NPS	Neapolis	0.53	13	ePN	Pn	18 06 24.9	-2.4
VAM	Vamos	1.23	303	ePN	Pn	18 06 38.0	+0.6
KAR	Karpathos	1.60	60	ePN	Pn	18 06 44.5	+1.8
SANT	Santorini	1.62	260	eP	P	18 06 45.0	+2.1
SANT	Santorini	1.62	360	eP	P	18 06 45.0	+2.1
RHK1	Bakonya	12.65	3361	eP	P	18 09 18.0	+1.2

WEL 01 18:24:34.0, 0.3, 37.40S-176.07E, h256km, 3km, ML3.5/2, 1C, Error ellipse: s-maj=5.1km s-min=3.1km az=90.0, North Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
URZ	Urewera	1.19	136	↑P	P	18 25 10.9	-0.2
URZ	Urewera	1.19	136	↑P	P	18 25 39.8	-0.1
MWZ	Matawai	1.48	129	PN	Pn	18 25 13.1	0.0
MWZ	Matawai	1.48	129	PN	Pn	18 25 42.9	-0.7
MXZ	Matakoao Point	1.79	96	PN	Pn	18 25 15.2	+0.3
MXZ	Matakoao Point	1.79	96	PN	Pn	18 25 47.6	-0.1
BKZ	Black Stump Fm	1.79	169	PN	Pn	18 25 15.3	-0.2
KNZ	Kokohu	2.05	142	PN	Pn	18 25 17.8	0.0
KNZ	Kokohu	2.05	142	PN	Pn	18 25 50.3	-1.4
MRZ	Mangatainoka R	3.28	186	PN	Pn	18 25 28.1	-2.3
MRZ	Mangatainoka R	3.28	186	PN	Pn	18 25 10.0	-4.1
KIW	Kapiti Island	3.57	194	PN	Pn	18 25 31.3	-2.3
KIW	Kapiti Island	3.57	194	PN	Pn	18 26 16.4	-3.6
NIW	Nelson	4.34	208	PN	Pn	18 25 40.1	-2.5
NIW	Nelson	4.34	208	PN	Pn	18 26 32.0	-4.1
QRZ	Quartz Range	4.39	218	PN	Pn	18 25 41.1	-2.0
THZ	Topohue	4.99	208	PN	Pn	18 25 47.2	-3.3

NEIC 01 18:43:39.3, 2.5, 29S-151.59E, h56km, 25km, mb4.6/3, Error ellipse: s-maj=38.8km s-min=18.1km az=115.0  
 IDC 01 18:43:37.4, 5.0, 3.36S-151.65E, h91km, 42km, mb3.8/7, mb1.4/0.8, mb1mx3.9/14, MS3.2/5, Ms1.3/2.5, ms1mx3.1/16, Error ellipse: s-maj=47.9km s-min=26.1km az=118.0  
 ISC 01 18:43:36.9, 4.5, 2.5, 29S-151.59E, 0.3, h95km, 35km, n23, +0.87/22, mb4.1/10, 3D, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
PMG	Port Moresby	5.95	225	P	P	18 45 02.8	-1.1
PMG	Port Moresby	5.95	225	P	P	18 46 13.0	+1.6
PMG	Port Moresby	5.95	225	P	P	18 47 07.7	
PMG	Port Moresby	5.95	225	P	P	18 44 59.9	-4.1
PMG	Port Moresby	5.95	225	P	P	18 46 13.0	+1.6
PMG	Port Moresby	5.95	225	P	P	18 47 07.7	
CTA	Charters Tower	15.62	198	LR	LR	18 52 50.7	
KAKA	Kakadu	20.22	247	eP	P	18 48 05.8	-0.8
WRAB	Tennant Creek	22.16	227	eP	P	18 48 25.6	-0.3
WB2	Warramunga Arr	22.17	227	↑P	P	18 48 25.7	-0.3
WRA	Warramunga Arr	22.17	227	↑P	P	18 48 25.9	-0.2
ASAR	Alice Springs	24.95	221	P	P	18 48 53.4	+0.4
ASAR	Alice Springs	24.95	221	P	P	18 48 53.4	+0.4
ASPA	Alice Springs	24.95	221	↑P	P	18 57 40.1	
STKA	Stephens Creek	28.08	198	LR	LR	18 54 43.1	+3.3
FITZ	Fitzroy Crossi	28.29	241	↑P	P	18 49 22.6	-1.1
FITZ	Fitzroy Crossi	28.29	241	↑P	P	18 49 23.0	-0.7
FITZ	Fitzroy Crossi	28.29	241	↑P	P	18 49 23.0	-0.7
MBWA	Marble Bar	34.60	240	P	P	18 50 16.5	-2.3
CMAR	Chiang Mai Arr	56.85	296	P	P	18 53 15.1	+0.8
SONM	Songino Array	65.97	329	P	P	18 54 15.2	0.0
GUN	Gumbra	71.93	302	eP	P	18 54 48.1	+0.4
KKN	Kakani	71.67	301	eP	P	18 54 50.6	0.0
DMN	Daman	71.77	301	eP	P	18 54 51.1	-0.1
GKN	Gorkha	72.28	301	eP	P	18 54 54.1	-0.1
KOLN	Koldanda	73.10	301	eP	P	18 54 58.5	-0.5
ZAL	Zalozovo	80.77	327	P	P	18 55 42.0	+0.7
ILAR	Eielson Array	93.05	22	P	P	18 55 53.3	+0.4
GERES	GERES Array B	124.70	328	PKP	PKP	19 02 24.4	+0.7

IDC 01 18:51:06.2, 3.6, 24.73N-109.15W, mb3.5/2, mb1.4/1.6, mb1mx3.9/18, ML3.7/3, MS3.6/1, Ms1.3/6.1, ms1mx2.8/15, Error ellipse: s-maj=53.2km s-min=25.6km az=153.0  
 NEIC 01 18:51:06.2, 3.6, 24.73N-109.15W, h10km, mb4.1/1.1, Error ellipse: s-maj=32.0km s-min=10.7km az=185.0  
 ISC 01 18:51:06.2, 3.6, 24.73N-109.15W, 0.07, h10km, n37, +1.25/39, mb3.9/4, Gulf of California

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
LTX	Lajitas	6.69	45	Op	Pn	18 52 47.8	+0.4
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 53 13.5	-6.6
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 54 36.7	
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 52 47.8	+0.4
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 53 13.5	-6.6
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 54 36.7	
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 52 47.8	+0.4
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 53 13.5	-6.6
TXAR	Lajitas Array	6.69	45	Pn	Pn	18 54 36.7	
TUC	Tucson	7.75	349	eP	Pn	18 52 59.4	-2.8
GD2L	Guadalupe Moun	8.56	28	eP	P	18 53 10.5	-3.0
BNM	Lemitar	9.63	10	eP	P	18 53 28.1	+0.1
ENM	Barren Site	9.68	12	eP	P	18 53 29.4	+0.4
LPM	Los Pinos Moun	9.84	14	+0.3	P	18 53 31.4	+0.3
LAZ	Ladron	9.84	9	eP	P	18 53 31.4	+0.2
JCT	Junction City	10.05	53	P	P	18 53 36.4	+2.3
ANMO	Albuquerque	10.49	12	Pn	P	18 53 39.4	-0.7
ANMO	Albuquerque	10.49	12	Pn	P	18 56 35.9	
ANMO	Albuquerque	10.49	12	Pn	P	18 53 39.4	-0.7
ANMO	Albuquerque	10.49	12	Pn	P	18 56 35.9	
PNV	Popohap Spring	13.69	335	eP	P	18 54 23.8	+0.6
MSU	Marysval	14.04	350	P	P	18 54 27.6	-0.1
MVU	Marysval	14.04	350	P	P	18 54 28.3	+0.4
MSU	Marysval	14.04	350	P	P	18 54 38.0	
MTUM	Tungsten Hills	15.02	330	eP	P	18 54 42.9	+2.3
TPH	Tonopah	15.05	334	eP	P	18 54 42.4	+1.3
ISCO	Idaho Springs	15.36	10	P	P	18 54 45.3	+0.3
MNV	Mina	15.73	333	eP	P	18 54 50.1	+0.2
NVAR	Mina Array Bea	15.79	332	P	P	18 54 52.3	+1.6
MIAR	Mount Ida	16.67	50	eP	P	18 55 03.8	+1.8

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
SPUT	South Promonto	16.82	351	P	P	18 55 02.5	-1.3
SPUT	South Promonto	16.82	351	P	P	18 55 12.7	
ELK	Elko	16.84	344	eP	P	18 55 04.5	+0.6
HWUT	Hardware Ranch	17.01	354	eP	P	18 55 05.3	-0.8
BMN	Battle Mountai	17.13	338	P	P	18 55 11.3	+3.7
BMN	Battle Mountai	17.13	338	P	P	18 55 18.2	
WCN	Washoe City	17.15	331	eP	P	18 55 09.4	+1.6
PDAR	Pinedale Array	18.05	359	P	P	18 55 19.1	0.0
HLID	Halley	19.34	348	eP	P	18 55 33.0	-1.7
MOD	Modoc	19.55	334	eP	P	18 55 36.4	-0.7
MCMT	McKenzie Canyo	20.34	352	eP	P	18 55 44.6	-1.0
BMO	Blue Mounds	21.21	344	eP	P	18 55 53.6	-1.0
NEW	Newport	24.39	347	P	P	18 56 24.2	-1.7
YKA	Yellowknife Arr	37.99	356	P	P	18 58 24.1	-2.0
YKA	Yellowknife Arr	37.99	356	P	P	18 58 24.1	-2.0
ILAR	Eielson Array	46.91	339	P	P	18 59 37.5	-1.2

IDC 01 18:56:23.1, 3.4, 25.32N-109.27W, mb3.9/3, mb1.4/1.6, mb1mx3.9/17, ML3.9/3, MS4.0/6, Ms1.4/0.6, ms1mx3.6/18, Error ellipse: s-maj=56.4km s-min=24.8km az=164.0  
 NEIC 01 18:56:26.0, 3.2, 25.46N-109.18W, h10km, mb4.1/4, Error ellipse: s-maj=49.0km s-min=14.0km az=193.0  
 ISC 01 18:56:22.8, 2.5, 25.3N-109.3W, 0.1, h10km, n19, +1.54/18, mb3.8/3, MS4.3/3, Gulf of California

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
TXAR	Lajitas Array	6.41	50	Op	Pg	18 57 59.9	+0.2
TXAR	Lajitas Array	6.41	50	Op	Pg	18 58 21.4	-9.4
TXAR	Lajitas Array	6.41	50	Op	Pg	18 59 43.9	
ANMO	Albuquerque	9.93	13	LR	LR	19 02 26.7	
PFO	Pinyon Flat Ob	10.39	325	P	P	18 58 53.3	-1.7
DAC	Darwin (Calif)	13.08	329	P	P	18 59 31.2	-0.1
MTUM	Tungsten Hills	14.41	329	P	P	18 59 49.9	+1.1
NVAR	Mina Array Bea	15.18	332	Pn	Pn	19 00 03.1	+4.1
NVAR	Mina Array Bea	15.18	332	Pn	Pn	19 05 46.4	
SPUT	South Promonto	16.82	351	P	P	19 00 10.0	-2.1
ELK	Elko	16.20	344	eP	P	19 00 11.3	-0.9
MIAR	Mount Ida	16.67	52	P	P	19 00 13.6	-1.4
WCN	Washoe City	16.53	330	eP	P	19 00 18.4	+2.0
BEKR	Beckworth	17.26	330	eP	P	19 00 26.5	+0.9
KSUI	Kansas State U	17.42	339	P	P	19 00 29.2	+1.6
PDAR	Pinedale Array	17.44	359	Pn	Pn	19 00 30.5	+2.8
PDAR	Pinedale Array	17.44	359	Pn	Pn	19 07 20.5	
HLID	Halley	17.32	348	eP	P	19 00 43.7	+0.1
YKA	Yellowknife Arr	37.37	356	P	P	19 03 35.8	-1.4
YKA	Yellowknife Arr	37.37	356	P	P	19 37 1.1	
YKA	Yellowknife Arr	37.37	356	P	P	19 03 35.8	-1.4
YKA	Yellowknife Arr	37.37	356	P	P	19 37 1.1	
SJG	San Juan	40.56	91	LR	LR	19 22 16.6	
ILAR	Eielson Array	46.28	339	P	P	19 04 48.9	-1.2
ARCES	ARCES Array B	80.02	15	P	P	19 08 35.0	+1.6
ARCES	ARCES Array B	80.02	15	P	P	19 44 32.2	

IDC 01 19:06:55.8, 3.6, 3.63N-93.95E, mb3.9/3, mb1.4/1.4, mb1mx3.7/17, ML3.3/1, Error ellipse: s-maj=123.0km s-min=29.6km az=64.0, Off west coast of northern Sumatra

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
CMAR	Chiang Mai Arr	56.85	296	Pn	Pn	19 10 36.4	-1.5
WRA	Warramunga Arr	46.07	122	P	P	19 15 21.5	-2.0
ASAR	Alice Springs	47.44	127	P	P	19 15 32.7	-1.7
ZAL	Zalozovo	50.70	353	P	P	19 15 56.9	-2.2

ISC 01 19:09:02.7, 1.6, 37.32N-0.06E-72.7E, 0.3, h117km, 24km, n18, +0.81/20, Tajikistan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h m s
AML	Almayush	4.86	8	P	P	19 10 13.5	-1.4
UCH	Uchter	5.09	15	P	P	19 10 17.9	-0.1
KZA	Kyzart	5.13	21	P	P	19 10 19.0	+0.5
EKS2	Erkin-Say	5.39	8	P	P	19 10 20.8	-1.3
DLH	Dalhousie	5.45	150	eP	P	19 10 23.0	+0.1
DLH	Dalhousie	5.45	150	eP	P	19 11 25.0	0.0
THN	Thain Dam	5.46	152	eP	P	19 10 23.4	+0.5
THN	Thain Dam	5.46	152	eP	P	19 11 25.7	+0.7
AAK	Ala						



Table with columns: SMLA, SNR, Simla, 7.43 133, P, 19 37 34.4 +14, 19 39 02.2, 19 37 20.2 -0.9, etc.

Table with columns: ARU, comp=Z,46nm,0.7s,mb4.8, pmax, pmax, 19 40 09.8 +1.3, etc.

Table with columns: TIXI, comp=Z,7.0nm,0.4s,mb4.3, pmax, pmax, 19 43 50.9 -1.1, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GUN Gumba, CMAR Chiang Mai Arr, PKI Pulchoki, etc.

MOS 01 20:51:13.4 0.7, 51.71N, 16.11E, h10km, mb4.0/1, Error ellipse: s-maj=11.8km s-min=5.7km az=85.0
BGR 01 20:51:14.1 0.6, 51.35N, 16.25E, h1km, ML3.4/8, Error ellipse: s-maj=8.9km s-min=6.7km az=167.0
NEIC 01 20:51:14.9 0.3, 51.66N, 16.09E, h5km, ML3.4(SZGRF), ML3.4(VIE), ML2.9(CLL), ML2.8(BRG), Error ellipse: s-maj=4.4km s-min=3.8km az=65.0
IDC 01 20:51:15.6 0.6, 51.56N, 15.90E, mb1 3.4/8, mb1mx3.3/21, ML3.3/8, Error ellipse: s-maj=5.6km s-min=5.6km az=96.0
IPEC 01 20:51:15.3 0.3, 51.62N, 16.08E, h8km, 1km, ML2.7/3, Error ellipse: s-maj=2.0km s-min=0.8km az=31.0
WAR 01 20:51:16.4, 51.58N, 16.00E, h1km, ML3.4, Mining Induced.
CSEM 01 20:51:16.3 0.2, 51.58N, 15.97E, h1km, ML3.7/9, Error ellipse: s-maj=3.2km s-min=1.9km az=19.0
PRU 01 20:51:18.7, 51.48N, 16.01E, Felt In Harachov
LDG 01 20:51:20.3 0.8, 51.45N, 15.78E, h1km, M3.7/4, Error ellipse: s-maj=18.9km s-min=9.7km az=15.0, Suspected Mining induced.

ISC 01 20:51:13.8-0.4, 51.55N-0.02, 16.01E-0.02, n115, e131/217, 13C-30, Poland

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like VRAC Vranov, KRUC Moravsky, TANN Tannenbergstha, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CDF, HINF Hinteralfel, HAU Haudompre, etc.

IDC 01 21:15:28.3 2.4, 7.53N, 59.78E, mb3.8/7, mb1 3.9/7, mb1mx3.8/17, MS3.5/3, Ms1 3.6/3, ms1mx3.4/12, Error ellipse: s-maj=58.0km s-min=27.5km az=146.0
NEIC 01 21:15:29.6 1.6, 7.42N, 59.82E, h10km, mb4.5/1, Error ellipse: s-maj=39.4km s-min=17.2km az=146.0
ISC 01 21:15:28.3 2.0, 7.6N, 0.3-59.8E-0.2, h10km, n10, e093/8, mb3.9/8, MS3.5/3, Carlsberg Ridge

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KMBO Kilima Mbogo, CMAR Chiang Mai Arr, BRTR Keskin Arr, etc.

NEIC 01 22:12:12.8 1.7, 51.31N, 16.27E, h5km, ML2.8(VIE), Error ellipse: s-maj=19.3km s-min=7.8km az=208.0
WAR 01 22:12:12.3, 51.40N, 16.21E, h1km, ML2.9, Mining Induced.

PRU 01 22:12:12.5, 51.37N, 16.23E
ISC 01 22:12:09.8-0.9, 51.38N-0.05, 16.20E-0.04, n14, e120/28, 1C-10, Poland

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

STR 01 22:44:26.8 0.1, 43.09N, 1.34W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=-0.0km az=1.0
LDG 01 22:44:27.4 0.3, 43.11N, 1.30W, h10km, M2.5/2, M2.3/4, Error ellipse: s-maj=5.3km s-min=2.8km az=52.0
CSEM 01 22:44:27.0 0.2, 43.10N, 1.32W, h10km, ML2.4/4, Error ellipse: s-maj=3.1km s-min=2.2km az=64.0
MDD 01 22:44:26.9 0.4, 43.08N, 1.34W, h11km, 1km, mbLg1.7/10, Error ellipse: s-maj=6.4km s-min=2.1km az=22.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SJPF Ste Jean, EALK Alkuruntz, EALK Osnes, etc.

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

IDC 01 22:54:30.3, 4.3, 5.78S, 154.46E, h140km, 38km, mb3.9/12, mb1.4, 2/13, mb1mx4.1, 1/17, MS3.6, Ms 3.6/2, ms1mx4.0/16, Error ellipse: s-maj=27.9km s-min=15.7km az=107.0

NEIC 01 22:54:30.8, 2.5, 5.74S, 154.40E, h144km, 21km, mb4.4/3, Error ellipse: s-maj=21.0km s-min=12.6km az=113.0

ISC 01 22:54:28.6, 2.8, 5.8S, 0.1, 154.5E, 0.1, h141km, 24km, n30, o586/29, mb4.2/16, 1.C, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PORT MORESBY, CHARTERS TOWER, WARRAMUNGA ARR, etc.

BUI 01 23:17:18.8, 3.82S, 135.94E, h27km, mb5.6, mb5.4, Ms5.2, Ms4.9

CSEM 01 23:17:18.1, 3.73S, 135.44E, h8km, mb5.5

IDC 01 23:17:19.7, 1.9, 3.58S, 135.75E, h7km, 10km, mb5.0/15, mb1.5, 0/19, mb1mx5.0/21, ML4.74, MS5.1/16, Ms1.5/16, ms1mx4.8/23, Error ellipse: s-maj=19.2km s-min=7.8km az=68.0

MOS 01 23:17:20.8, 1.2, 3.94S, 135.39E, h33km, mb5.5/10, MS4.8/9, Error ellipse: s-maj=20.6km s-min=9.2km az=113.3

HRVD 01 23:17:21.6, 0.2, 3.70S, 135.53E, h12km, MW5.5/63, Centroid moment Tensor Solution. LP body waves: s57,c98;Mantle waves: s63,c131; Half duration: 1s4 Moment tensor: Scale 10^17Nm; Mw:0.08;0.4; Mw:1.5;1.4; Mw:1.43;0.05; Mw:0.79;1.2; Mw:1.37;0.4; Mw:1.01;1.2; Best double couple: Mo2.35x10^17 NP1:phi=68, delta=0; NP2:phi=33, delta=3; Principal axes: T: 2.58, P: 2.66, N: 2.58, N: 4.6, P: 1.61, Azm: 87; P: 2.12, P: 1.11, Azm: 198; nst2 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 01 23:17:21.6, 0.2, 3.67S, 135.53E, h10km, mb5.3/35, MS5.3/121, MW5.5 Error ellipse: s-maj=5.8km s-min=4.7km az=93.0, Moment Tensor Solution. s14 Moment tensor: Scale 10^17Nm; Mw:0.22; Mw:1.58; Mw:1.35; Mw:0.80; Mw:0.82; Mw:0.68; Best double couple: Mo2x10^17 NP1:phi=328, delta=58, lambda=172. NP2:phi=62, delta=83, lambda=32. Principal axes: T: 2.01, P: 2.07, Azm: 289; N: -0.3, P: 1.58, Azm: 72; P: -1.98, P: 1.98, Azm: 190; NEIC One person killed in the Nabire area. Felt at Jayapura.

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

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

1d 23h

2004 DEC

20

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, error values).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, error values).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, error values).

Table with columns for station name, frequency, and other technical details. Includes stations like VRSR, MOS, OBN, KMB, ANN, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like VRAC, LAO, TUC, PV10, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like DBIC, NNA, ARE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JANG Nango, JCH Churui, JAR Ashorobuto, etc.

NEIC 01 23:58:44.0:0.7, 23.64S:66.78W, h198km, 9km, mb4.0/2, Error ellipse: s-maj=12.4km s-min=9.8km az=50.0

IDC 01 23:58:44.3:1.0, 23.48S:66.75W, h196km, 9km, mb3.3/5, mb1.3/7.10, mb1mx3.7/16, Error ellipse: s-maj=22.8km s-min=13.4km az=35.0

GUC 01 23:58:44.6:0.6, 23.77S:66.95W, h204km, 10km, ML4.0

ISC 01 23:58:43.6:0.6, 23.66S:66.80W, 0.07, h208km, 6km, n25, r1520/30, mb3.4/6, 7C-2D, Ujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPCH San Pedro de A, LVC Limon Verde, LVC Limon Verde, etc.

IDC 01 23:59:52.6:0.7, 3.52S:135.51E, mb4.1/8, mb1.4/12, mb1mx4.3/15, ML4.3/3, MS3.6/1, Ms1.3.6/1, ms1mx3.0/18, Error ellipse: s-maj=40.1km s-min=16.1km az=66.0

NEIC 01 23:59:55.8:0.5, 3.57S:135.40E, h101km, mb4.2/8, Error ellipse: s-maj=14.2km s-min=7.4km az=75.0

ISC 01 23:59:56.1:1.7, 3.87S:135.30E, 0.09, h47km, 15km, n26, r1520/30, mb4.0/10, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WRG Port Moresby, PMB Tennant Creek, etc.

IDC 02 00:17:23.2:3.3, 6.91S:105.30E, mb4.1/5, mb1.4.3/5, mb1mx3.9/16, Error ellipse: s-maj=171.0km s-min=27.1km az=51.0

ISC 02 00:17:14.9:2.5, 6.35S:104.8E, 1.0, n8, r1522/7, mb4.2/5, Sunda Strait

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

IDC 02 00:19:46.7:2.7, 35.21N:81.05E, mb3.5/3, mb1.3/7.4, mb1mx3.3/18, ML3.9/1, Error ellipse: s-maj=141.0km s-min=27.6km az=22.0

ISC 02 00:19:46.5:1.5, 34.62N:83.79E, 0.6, h33km, n9, r099/9, mb3.4, Kashmir-Xizir border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOLN Koldanda, GKN Gorkha, KKN Kakani, etc.

IDC 02 00:19:51.2:2.2, 6.53S:105.82E, mb4.1/6, mb1.4/2.6, mb1mx3.9/16, Error ellipse: s-maj=108.0km s-min=21.0km az=53.0, Sunda Strait

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

IDC 02 00:22:2.2:0.3, 3.53S:135.47E, mb4.0/2, mb1.4/2/5, mb1mx3.9/13, ML3.9/3, Error ellipse: s-maj=57.8km s-min=30.3km az=101.0, Irian Jaya region

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

STR 02 00:23:48.9:0.2, 46.23N:3.82E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 02 00:23:46.5:0.1, 46.23N:3.87E, h6km, Md2.2/3, ML2.0/14, Error ellipse: s-maj=1.7km s-min=1.4km az=29.0, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLDF La Plantade, SMF Signal de Mont, AGO Saint Agoulin, etc.

WEL 02 00:27:26.4:0.6, 45.48S:167.14E, h94km, 2km, ML3.5/5, 2C-2D, Error ellipse: s-maj=5.2km s-min=3.3km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, DCZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSZ Milford Sound, MSZ Wanaka, WKZ Earnscleugh, etc.

ROM 02 00:40:47.6:0.7, 43.15N:15.50E, h10km, MD3.1/9, ML2.4/8, Error ellipse: s-maj=7.0km s-min=3.9km az=74.0

NEIC 02 00:40:47.6:0.4, 43.15N:15.50E, h10km, MD3.1(ROM), ML3.2(LDG), ML3.1(VIE), After ROM

CSEM 02 00:40:48.0:0.1, 43.12N:15.48E, h20km, ML3.3/2, Error ellipse: s-maj=3.6km s-min=3.3km az=74.0

LDG 02 00:40:51.5:0.5, 43.19N:15.24E, h10km, ML3.2/2, Error ellipse: s-maj=12.4km s-min=5.9km az=80.0

ISC 02 00:40:47.0:0.4, 43.14N:15.47E, 0.04, h10km, n68, r1525/65, 6C-2D, Adriatic Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RGNG Rignano Grg, RGNG Rignano Grg, NVLJ Novolja, etc.

NEIC 02 00:44:54.5:18.589N:104.33W, h16km, MD3.8(MEX), After MEX

MEX 02 00:44:54.0:1.2, 18.57N:104.33W, h16km, 167km, MD3.8, Near coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COLM Colima, CCMJ Chamela, CCX Ciudad Guzman, etc.

IDC 02 00:57:06.9:34.0, 23.29S:179.71W, h462km, 304km, mb3.5/4, mb1.3.7/4, mb1mx3.3/15, Error ellipse: s-maj=272.0km s-min=147.6km az=130.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, etc.



Table with columns: FITZ, FITZroy Crossi, 51.14 265 P, P, 01 05 26.5 -1.5, etc.

NEIC 02 01:03:37.5, 38.71S-176.35E, h98km, ML4.2(WEL), After WEL.

WEL 02 01:03:37.6-0.2, 38.72Sx176.36E, h96km, ML4.2/1, 13C-22D, Error ellipse: s-maj=1.1km s-min=0.7km

Main table listing station names, coordinates, and times for various seismic events.

JMA 02 01:26:47.8-0.5, 44.39N, 147.55E, h144km, M3.6, Kuril Islands

Table listing station names and times for Kuril Islands.

Table listing station names: JNBK, JKB, JOT, Kayaba, 5.38 245 eS, S, 01 28 34.5 -3.1, etc.

IDC 02 01:34:07.5-5.9, 11.36N, 62.23W, mb3.6/3, mb1 3.9/3, mb1mx3.5/19, Error ellipse: s-maj=195.0km s-min=40.6km

FUNV 02 01:34:17.2, 11.04N, 62.04W, h71km, MW3.0

TRN 02 01:34:18.2, 11.05N, 62.03W, h64km, MD3.8

ISC 02 01:34:15.0-0.4, 11.04N, 0.03, 62.09W, 0.03, h89km, 5km, n23, s111/38, mb3.5/3, 4C-2D, Windward Islands

Main table listing station names, coordinates, and times for Windward Islands.

IDC 02 01:37:25.4, 1.1, 20.25S, 68.87W, h121km, 15km, mb3.5/1, mb1 3.6/4, mb1mx3.3/14, Error ellipse: s-maj=50.2km

MAN 02 01:43:43.8, 12.14N, 123.87E, h4km, mb4.5, ML3.4, MS3.2, 3C-1D, Luzon

Main table listing station names, coordinates, and times for Luzon.

IDC 02 01:51:54.8, 3.9, 60.03N, 153.44W, h97km, 44km, mb3.2/1, mb1 3.7/6, mb1mx3.4/22, Error ellipse: s-maj=34.7km

NEIC 02 01:51:55.4, 59.66N-153.07W, h109km, mb3.4/1, After AIC

ISC 02 01:51:53.2, 0.3, 59.67N, 0.03, 153.05W, 0.06, h120km, 2km, n93, s079/122, mb3.5/2, Southern Alaska

Main table listing station names, coordinates, and times for Southern Alaska.

MAN 02 02:29:19.4, 6.71N-123.78E, h18km, mb4.5, ML3.4, MS3.3, 1C-2D, Mindanao

Main table listing station names, coordinates, and times for Mindanao.

Table listing station names: KABR, Katmai Barrier, 1.83 214 P, P, 01 52 25.0 0.0

Main table listing station names, coordinates, and times for various seismic events.

THR 02 01:54:57.8-0.9, 32.08N-49.84E, h14km, 10km, ML3.2

KSR 02 01:54:58.0, 0.9, 31.76N-49.69E, h0km, 169km, ML3.0

ISC 02 01:54:56.9-0.7, 32.00N, 0.05, 49.82E, 0.06, h10km, n8, s091/15, Western Iran

Main table listing station names, coordinates, and times for Western Iran.

MAN 02 02:31:03.3, 32.40S-71.59W, h43km, MD4.1(GUC), After GUC.

GUC 02 02:31:03.3-0.6, 32.40S-71.59W, h43km, MD4.1, ML3.4, 5C-2D, Near coast of central Chile

Main table listing station names, coordinates, and times for Chile.

NEIC 02 02:31:03.3, 32.40S-71.59W, h43km, MD4.1(GUC), After GUC.

Main table listing station names, coordinates, and times for Chile.





Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like LASA Array, Samuel, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like Erkin-Say, AML, AAK, UCH, LSZ, KSH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like WRA, FITZ, CTA, ASAR, STKA, ILAR, etc.









2d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, WHN Wuhan, MAJO Matsushiro, etc.

BUC 02 03:50:51.5, 3.4, 45.72N, 26.70E, h139km, 30km, MD3.9/4, 2C-5D, Error ellipse: s-maj=41.8km s-min=17.1km az=110.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRI Vrincoiaia, BRD Bordești, CFR Caracul, etc.

IDC 02 03:54:38.5, 1.0, 3.12S, 135.07E, mb4.2/6, mb1 4.7/8, mb1mx4.5/14, ML4.7/1, Error ellipse: s-maj=41.7km s-min=22.9km az=76.0

NEIC 02 03:54:38.2, 0.6, 3.30S, 135.26E, h10km, mb4.9/9, Error ellipse: s-maj=25.1km s-min=10.5km az=85.0

ISC 02 03:54:39.6, 0.7, 3.15S, 135.0E, 0.1, h33km, n20, c147/20, mb4.4/13, Irian Jaya region

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

MOS 02 03:56:45.6, 0.9, 42.74N, 145.66E, h33km, mb4.4/8, Error ellipse: s-maj=25.0km s-min=11.6km az=94.5

IDC 02 03:56:48.8, 1.4, 42.48N, 145.37E, h56km, mb3.8/16, mb1 3.9/17, mb1mx3.9/27, MS3.6/1, MS1 3.6/1, ms1mx3.1/29, Error ellipse: s-maj=35.2km s-min=11.2km az=19.0

JMA 02 03:56:50.3, 0.1, 42.98N, 145.44E, h47km, 1km, M4.1, JMA Feit 1 J1

BUI 02 03:56:51.0, 43.01N, 145.53E, h78km, mb5.6, mb4.7, Ms4.5

NEIC 02 03:56:51.4, 1.0, 42.97N, 145.34E, h56km, mb3.8, mb4.3/6, Error ellipse: s-maj=10.9km s-min=7.9km az=154.0

NEIC Recorded (1 JMA) in eastern Hokkaido. ISC 02 03:56:49.5, 0.7, 42.99N, 145.45E, 0.06, h54km, 4km, h55km, 4.8km, pp-P, n51, c0678/60, mb4.1/22, 2C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JNK Nakash, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAR Ashikiri-Toko, JTKR Asahikawa, ASAJ Ashikiri, etc.

ISC 02 04:00:17.1, 0.6, 3.47S, 135.1E, 0.1, h33km, n17, c0971/17, mb4.2/9, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DALT Dalyan (Mudla), RDO Rodophi, MDU Mudurnu, etc.

IDC 02 04:17:19.3, 0.7, 51.11N, 173.10W, mb4.6/19, mb1 4.8/21, mb1mx4.7/26, ML4.4/2, MS4.8/1, Ms1 4.7/1, ms1mx3.5/26, Error ellipse: s-maj=17.2km s-min=9.7km az=170.0

BUI 02 04:17:21.7, 51.26N, 173.53W, h19km, mb5.5, mb4.7, Ms4.8, Ms24.6

NEIC 02 04:17:24.2, 0.3, 50.81N, 173.19W, mb4.9/60, ML4.5(AEIC), Error ellipse: s-maj=7.1km s-min=3.0km az=187.0

MOS 02 04:17:25.8, 0.8, 51.35N, 173.91W, h32km, mb5.0/24, Error ellipse: s-maj=26.1km s-min=8.5km az=104.8

ISC 02 04:17:22.8, 0.2, 50.89N, 173.15W, 0.0, h37km, h37km, 7km, pp-P, n238, c110/249, mb4.8/93, MS4.8/7, 6C-8D, Andreon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATKA Atka Island, GSIG Igkitin Island, GSGY Great Sitkin I, etc.

ATH 02 03:59:25.2, 39.34N, 28.02E, h10km, MD3.5/3, ISC 02 03:59:25.6, 39.27N, 27.99E, h10km, MD3.4/1, Error ellipse: s-maj=1.8km s-min=1.3km az=124.0

ISC 02 03:59:25.8, 0.5, 39.27N, 0.02, 28.01E, 0.05, h9km, 5km, n31, c0564/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALB Balikesir, AKB Akhisar, AKS Akhisar, etc.

2004 DEC 30

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

IDC 02 04:17:19.3, 0.7, 51.11N, 173.10W, mb4.6/19, mb1 4.8/21, mb1mx4.7/26, ML4.4/2, MS4.8/1, Ms1 4.7/1, ms1mx3.5/26, Error ellipse: s-maj=17.2km s-min=9.7km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATKA Atka Island, GSIG Igkitin Island, GSGY Great Sitkin I, etc.

ATH 02 03:59:25.2, 39.34N, 28.02E, h10km, MD3.5/3, ISC 02 03:59:25.6, 39.27N, 27.99E, h10km, MD3.4/1, Error ellipse: s-maj=1.8km s-min=1.3km az=124.0

ISC 02 03:59:25.8, 0.5, 39.27N, 0.02, 28.01E, 0.05, h9km, 5km, n31, c0564/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THY Trims Highway, ILAR Eielson Array, DAWY Dawson, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Fitzroy Crossi, and ASAR Alice Springs.

IDC 02 04:28.48.0.9, 3.34S: 135.60E, mb4.3/5, mb1 4.5/8, mb1mx3.9/15, ML3.8/3, Error ellipse: s-maj=50.7km

NEIC 02 04:28.50.4.0.2, 4.7S: 135.32E, h10km, mb4.4/8, Error ellipse: s-maj=20.6km s-min=11.3km az=83.0

ISC 02 04:28.58.1.2.0, 3.81S.0.06:135.4E.0.1, h57km, 20km, n25, c100/28, mb4.2/12, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Tennant Creek, Warramunga Arr, and various other seismic stations.

IDC 02 04:33:00.3.1.0, 3.34S: 135.53E, mb4.0/4, mb1 4.2/8, mb1mx4.1/15, ML3.7/4, Error ellipse: s-maj=50.4km

NEIC 02 04:33:01.5.0.6, 3.36S: 135.42E, h10km, mb4.3/6, Error ellipse: s-maj=17.7km s-min=11.5km az=76.0

ISC 02 04:33:05.4.2.7, 3.51S.0.08:135.5E.0.1, h57km, 26km, n23, c105/25, mb4.3/11, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, and various other seismic stations.

IDC 02 04:42:15.0.1.9, 3.37S: 135.14E, mb3.9/2, mb1 4.1/4, mb1mx3.9/12, ML3.6/2, Error ellipse: s-maj=134.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like s-min=33.0km az=108.0, Irian Jaya region.

IDC 02 05:16:10.5.1.0, 3.20S: 135.76E, mb3.7/5, mb1 4.0/8, mb1mx3.9/15, ML3.8/3, Error ellipse: s-maj=50.1km

NEIC 02 05:16:11.4.1.0, 3.40S: 135.74E, h10km, mb4.3/2, Error ellipse: s-maj=30.1km s-min=14.7km az=90.0

ISC 02 05:16:20.4.4.2, 3.85S.0.1, 135.8E.0.2, h93km, 41km, n12, c128/14, mb3.5/5, I, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tennant Creek, Warramunga Arr, and various other seismic stations.

PRU 02 05:32:49.0, 50.26N: 19.14E

WAR 02 05:32:47.4, 50.17N: 19.30E, h1km, Location given by Central Institute of Mining, origin time based upon NIE, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ostrava-Krasne, Niedzica, and various other seismic stations.

IDC 02 05:41:20.7.0.9.3, 14S: 135.37E, mb3.9/5, mb1 4.2/8, mb1mx4.1/15, ML4.0/3, Error ellipse: s-maj=48.2km

NEIC 02 05:41:21.4.0.7, 3.23S: 135.30E, h10km, mb4.2/7, Error ellipse: s-maj=21.8km s-min=11.0km az=86.0

ISC 02 05:41:26.3.2.3, 3.48S.0.07:135.3E.0.2, h68km, 21km, n20, c141/24, mb3.7/7, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Tennant Creek, Warramunga Arr, and various other seismic stations.

IDC 02 05:49:48.6.0.8, 3.44S: 135.50E, mb4.2/6, mb1 4.4/10, mb1mx4.3/14, ML3.8/4, Error ellipse: s-maj=41.2km

NEIC 02 05:49:49.0.9.3, 7.3S: 135.24E, h10km, mb4.4/11, Error ellipse: s-maj=19.1km s-min=7.9km az=79.0

ISC 02 05:49:53.6.2.0, 3.84S.0.05:135.35E.0.9, h60km, 19km, n31, c126/34, mb4.2/13, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu and various other seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Tennant Creek, and various other seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Fitzroy Crossi, and various other seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tennant Creek, Warramunga Arr, and various other seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulanbaatar, Sonmgo Array, and various other seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KCP, KCP, and various other seismic stations.

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

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

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

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

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



Table with columns: Call sign, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like INK, YKA, YKA, ILAR, etc.

IDC 02 06:46:41.3, 0.8, 3.63S, 135.18E, mb4.0/4, mb1 4.3/9, mb1mx3.4/14, ML3.3/9, MS3.1/1, Ms1 3.3/1, ms1mx2.7/21, Error ellipse: s-maj=40.8km s-min=19.3km az=74.0

NEIC 02 06:46:41.7, 0.7, 3.73S, 135.22E, h10km, mb4.0/7, Error ellipse: s-maj=18.0km s-min=11.6km az=84.0

ISC 02 06:46:44.3, 1.8, 3.81S, 0.05=135.19E, 0.09, h47km, 18km, n27, f128/32, mb4.4/13, Irian Jaya region

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

Table with columns: Call sign, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like DMN, GKN, KOLN, etc.

IDC 02 06:52:32.9, 1.0, 5.55S, 26.30W, mb4.1/3, mb1 4.0/4, mb1mx3.9/12, ML3.1/1, Error ellipse: s-maj=73.0km s-min=26.1km az=41.0

NEIC 02 06:52:41.1, 1.0, 5.55S, 26.97W, h65km, 52km, mb4.1/5, Error ellipse: s-maj=53.4km s-min=14.4km az=51.0, South Sandwich Islands region

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

IDC 02 07:10:46.4, 1.6, 3.22S, 135.30E, mb4.1/3, mb1 4.2/7, mb1mx4.0/15, ML3.8/4, Error ellipse: s-maj=49.0km s-min=27.2km az=96.0

NEIC 02 07:10:47.0, 0.7, 3.21S, 135.31E, h10km, mb4.1/4, Error ellipse: s-maj=14.6km s-min=11.5km az=108.0

ISC 02 07:10:47.3, 4.8, 3.65S, 0.1, 135.4E, 0.1, h15km, 36km, n18, f167/23, mb4.0/3, Irian Jaya region

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

IDC 02 07:34:00.9, 0.8, 3.50S, 135.72E, mb4.3/6, mb1 4.3/9, mb1mx4.1/15, ML3.7/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/17, Error ellipse: s-maj=35.5km s-min=20.4km az=82.0

NEIC 02 07:34:02.1, 0.6, 3.50S, 135.68E, h10km, mb4.2/6, Error ellipse: s-maj=22.0km s-min=9.9km az=86.0

ISC 02 07:34:03.9, 0.6, 3.65S, 0.05=135.7E, 0.1, h33km, n28, f156/29, mb4.5/13, Irian Jaya region

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

Table with columns: Call sign, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like UCH, AML, KURK, etc.

NEIC 02 07:40:31.0, 4.1, 0.35S, 174.61E, h44km, ML4.1(WEL), After Fall in the Wellington area

WEL 02 07:40:31.0, 4.1, 0.35S, 174.61E, h44km, ML4.2/7, 7C-4D, Error ellipse: s-maj=0.62km s-min=0.5km az=0.0, Cook Strait

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

IDC 02 07:43:52.0, 1.0, 3.29S, 135.21E, mb3.8/3, mb1 4.0/5, mb1mx3.8/14, ML3.4/2, Error ellipse: s-maj=55.2km s-min=28.8km az=93.0, Irian Jaya region

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

IDC 02 07:45:19.2, 2.1, 1.66S, 164.39E, mb3.8/4, mb1 4.0/5, mb1mx3.8/14, ML3.7/1, MS3.3/1, Ms1 3.3/1, ms1mx2.8/21, Error ellipse: s-maj=135.0km s-min=26.2km az=134.0

ISC 02 07:45:32.6, 4.6, 1.18S, 0.2, 164.1E, 0.2, h116km, 46km, n7, f192/8, mb3.6/3, Santa Cruz Islands region

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

Table with columns: CTA, Charters Tower, Time, Res, P, M, etc. Includes entries for CTA, STKA, ASAR, ILAR, YKA.

IDC 02:07:57:41.3.0.9, 20.06N, 120.51E, mb3.9/7, mb1 4.1/7, mb1mx3.1/19, MS3.1/1, Ms1.3/3.1, ms1mx2.9/20, Error ellipse: s-maj=70.8km s-min=17.7km az=67.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes entries for CMAR, SONA, WRA, ASAR, BVAR, GERES, YKA.

BUI 02:08:04:02.0, 4.34S, 135.74E, h10km, mb5.0, mb4.7, Ms4.5, Ms2.1

IDC 02:08:04:06.3.0.6, 3.63S, 135.58E, mb4.3/8, mb1 4.5/13, mb1mx4.4/16, ML4.1/5, Error ellipse: s-maj=32.8km s-min=14.9km az=66.0

NEIC 02:08:04:02.0.2.3, 3.69S, 135.53E, h10km, mb4.5/19, Error ellipse: s-maj=11.7km s-min=6.8km az=74.0

SYO 02:08:04:08.3.7, 7.25S, 135.54E, h10km, mb4.5

MOS 02:08:04:09.0.8.3, 9.32S, 135.83E, h33km, mb4.3/6, Error ellipse: s-maj=28.8km s-min=12.6km az=122.1

ISC 02:08:04:08.0.2.1, 3.85S, 104.135.57E, 0.19, h24km, 15km, h12km, 1.8km, p-P, n71, 1.128/72, mb4.4/28, MS4.2/3, 2C-3D, Irian Jaya region

Main table for the first column containing station data for various regions like KAKA, PMG, WRAB, FITZ, etc.

Main table for the second column containing station data for various regions like UCH, AAK, AML, EKSZ, etc.

NEIC 02:08:11:18.5.41.33S, 172.89E, h130km, After WEL, WEL 02:08:11:19.3.0.3, 41.38S, 172.92E, h121km, 2km, ML3.7/8, 4C-1D, Error ellipse: s-maj=1.5km s-min=1.4km az=0.0, South Island

Main table for the third column containing station data for various regions like NNZ, LPAZ, THZ, etc.

Main table for the fourth column containing station data for various regions like PKE, MQZ, WQZ, etc.

IDC 02:08:18:08.5.1.0, 7.98S, 125.29E, mb4.0/5, mb1 4.3/8, mb1mx4.1/15, ML3.8/2, Error ellipse: s-maj=40.4km s-min=18.6km az=61.0

NEIC 02:08:18:15.2.0.6, 8.19S, 125.22E, h55km, mb4.2/4, Error ellipse: s-maj=20.1km s-min=9.9km az=65.0

ISC 02:08:18:11.1.0.6, 8.14S, 125.3E, 0.1, h33km, n17, 1.120/19, mb4.0/3, Timor region

Main table for the fifth column containing station data for various regions like FITZ, MBWA, WRAB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Limon Verde, LVC, LPAZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Azuero, Cerro Adams, Changuinola, etc.

Table with columns: Kuril'sk, Time, Res, Pn. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Yuzh-Sakhalins, etc.

IDC 02 09:00:56.0,27.0,22.61S-172.50W,mb4.0/4,mb1 4.1/4, mb1mx3.9/15,MS3.3/1,Ms1 3.2/1,ms1mx2.6/22,Error ellipse: s-maj=496.0km s-min=152.0km az=78.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, etc.

IDC 02 09:19:44.2-1.5, 16.01N-60.22W,mb3.6/3,mb1 4.0/4, mb1mx3.6/20,ML5.7/1, Error ellipse: s-maj=17.3km s-min=12.5km az=63.0

ISC 02 09:19:50.3-0.7, 15.79N-0.05-61.4W-0.1, h2km,8km,n10, a1506/12,mb3.5/3,3C-1D,Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Marie-Galante, Barber's Block, etc.

NEIC 02 10:07:42.8, 35.67S-71.72W, h92km, MD3.5(GUC), After GUC

GUC 02 10:07:42.8-0.6, 35.67S-71.72W, h92km,6km, MD3.5, ML3.4,2D,Central Chile

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

JMA 02 10:14:35.7-0.2, 24.16N-122.58E, h42km, M2.3 TAP 02 10:14:34.1, 23.92N-122.71E, h22km, ML3.2, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yonaguni jima, Iriomote-Funau, etc.

CASC 02 10:23:50.5-2.0, 3.40N-83.35W, h35km,266km, mb6.1, MD4.6, MW4.2, mb4.6(NEIC)

IDC 02 10:23:51.9-1.4, 3.15N-83.39W, mb3.6/6,mb1 3.9/7, mb1mx3.8/18,MS3.5/4,Ms1 3.5/4,ms1mx3.3/15, Error ellipse: s-maj=165.0km s-min=19.3km az=56.0

NEIC 02 10:23:53.0-0.6, 4.03N-82.20W, h10km, mb4.6/5, Error ellipse: s-maj=44.4km s-min=8.8km az=57.0

ISC 02 10:27:38.9-2.2, 47.91N-155.43E, h37km,6km, mb5.2/2, mb5.5/2, Ms5.0/6, msh5/5

CSEM 02 10:27:38.1, 48.05N-155.15E, h2km, mb5.5 IDC 02 10:27:40.0-0.5, 48.14N-154.94E, mb4.6/25, mb1 4.8/27, mb1mx4.7/30, ML5.0/1, MS4.4/13, Ms1 4.4/13, ms1mx4.0/30, Error ellipse: s-maj=16.3km s-min=13.1km az=165.0

SYO 02 10:27:39.4, 47.95N-154.99E, h4km, MB5.0, MS5.4 BUJ 02 10:27:39.4, 48.33N-155.27E, h27km, MB5.1, mb5.0, MS4.9, MS24.7

MOS 02 10:27:42.0-1.1, 48.16N-155.04E, h24km, mb5.1/45, MS4.6/24, Error ellipse: s-maj=8.8km s-min=5.5km az=91.3

HRVD 02 10:27:46.7-1.4, 47.96N-155.19E, h28km,3km, MW4.9/21, Centroid moment Tensor Solution. LP body waves: s21,c26,Manile waves: s20,c21; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr2,30E-31; Mbe-1.59E-21; Mbe-0.77E-19; Mbe-0.30E-41; Mbe-0.50E-09; Mr1,27E-33; East double couple: M2,36E+1016 NP1,26E+260; S44; lambda,121; NP2,48; lambda,854; lambda,64; Principal axes: T,2.82; Plg68; Azm253; N-9.1; Plg21; Azm57; P-1.91; Plg5; Azm149; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 10:27:46.7-0.2, 48.10N-154.97E, h50km, mb4.9/68, MS4.9/7; Error ellipse: s-maj=6.8km s-min=4.4km az=170.0

ISC 02 10:27:38.1-1.0, 48.05N-0.04-155.09E-0.04, h1km,6km, h1km,3.6km,pp-P, n326, s1907/323, mb5.0/114, MS4.6/38, 28C-13D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Kuril'sk, etc.

ISC 02 10:23:54.0-0.7, 3.74N-0.06-82.8W-0.1, h33km, n29,

ISC 02 10:23:54.0-0.7, 3.74N-0.06-82.8W-0.1, h33km, n29,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Yuzh-Sakhalins, etc.

ISC 02 10:23:54.0-0.7, 3.74N-0.06-82.8W-0.1, h33km, n29,









SNVI		eS	S	12 04 06.2 -0.3
LFRS	El Faro	1.14 357	/P	12 03 51.3 -0.3
LCBS	La Ceiba	1.18	1P	12 03 51.6 -0.4
BLLM	Bellamira	1.22 381	eP	12 03 52.9 +0.3
BLMM		eS	S	12 04 19.1 +3.5
SNET	Serv Nac Est T	1.23 350	eP	12 04 02.0 -0.7
LEON				12 04 16.8
LBRS	Las Brisas	1.26 358	eP	12 03 53.2 0.0
BOQS	Boqueron	1.28 348	eP	12 03 53.5 -0.1
CNCH	Conchaagua	1.39 351	eP	12 03 53.6 -0.1
SBSL	San Blas	1.49 336	eP	12 03 56.0 -0.5
SBSL		eS	S	12 04 17.9 +3.0
CAHU	Caacatuque	1.50 311	eP	12 03 57.6 +0.9
CAHU		eS	S	12 04 19.7 +4.3
SNJE	San Jose	1.50 371	eP	12 03 56.4 -0.4
RTJR	El Retiro	1.55 336	eP	12 03 57.0 -0.3
CRIN	San Cristobal	1.92 83	eP	12 04 03.2 +0.7
PYN	Poneloya	1.94 92	eP	12 04 01.6 -1.2
MTQZ	Montecristo 2	1.95 50	eP	12 04 03.3 +0.4
LEON	Leon	2.06 91	eP	12 04 03.4 -1.2
LEON		eS	S	12 04 31.3 +2.3
TELN	Telica	2.12 86	eP	12 04 04.7 -0.7
MIRN	Miramar	2.24 91	eP	12 04 05.8 -1.3
MIRN		eS	S	12 04 35.7 +2.2
CNGM	Cerro Negro	2.25 89	eP	12 04 06.2 -1.0
MOMJ	Momotombo	2.41 91	eP	12 04 08.6 -0.9
MOMJ		eS	S	12 04 36.3 +0.9
APYN	Apoyeque	2.60 95	eP	12 04 11.6 -0.7
APYN		eS	S	12 04 44.6 +1.8
XAVN	Gruta Xavier	2.64 97	eP	12 04 12.1 -0.6
XAVN		eS	S	12 04 45.6 +2.0
CRUN	El Crucero	2.69 100	eP	12 04 14.3 +0.8
MGAN	Managua	2.71 97	eP	12 04 14.9 -0.5
MGAN		eS	S	12 04 46.2 +0.7
TICN	Ticuantepo	2.75 99	eP	12 04 14.2 -0.1
TICN		eS	S	12 04 45.8 -0.5
WILN	Americas 2	2.77 96	eP	12 04 13.8 -0.8
WILN		eS	S	12 04 47.7 +0.0
MASN	Masaya	2.83 100	eP	12 04 14.9 -0.5
PYTN	Playitas	2.88 88	eP	12 04 14.7 -1.4
PYTN		eS	S	12 04 51.0 +1.3
APON	Apoyo	2.92 101	eP	12 04 16.2 -0.6
JTS	JuntasAbangare	4.53 118	eP	12 04 38.6 -0.8
JTS	Jicará	4.62 124	eP	12 04 39.9 -0.8
CGR2	Cerro Gallo 2	5.08 118	eP	12 04 48.4 +1.3
PRSA	Puriscal	5.23 118	eP	12 04 50.3 +1.2
LALJ	Bijagua	5.45 118	eP	12 04 47.5 -4.7
SJS	Escuela Geolog	5.47 117	eP	12 04 52.7 +0.2
SJS		eS	S	12 04 51.5 +1.6
TTCO	Tortuguero	5.52 109	eP	12 04 54.2 -0.2
LCHR2	La Lucha 2	5.61 118	eP	12 04 54.2 -0.2
URSC	Urasca	5.76 117	eP	12 04 57.5 +1.0
BUS	Buena Vista	5.91 119	eP	12 04 59.3 +0.7
ACR	Cerro Adams	6.88 123	/P	12 05 12.6 +0.3
OTAV	Otavalo	6.84 138	/P	12 07 18.9 +3.6
DWPF	Disney	17.09 23	P	12 07 28.3 0.0
SDV	Santo Domingo	18.40 99	eP	12 07 43.6 -1.1
HKT	Hockley	18.51 91	eP	12 07 46.1 +0.2
JCT	Junction City	20.52 333	P	12 08 07.0 -0.9
LRAL	Lakeview Retre	20.55 5	eP	12 08 08.5 +0.4
LTX	Lajitas	21.62 323	eP	12 08 20.6 +1.6
TXAR	Lajitas Array	21.62 323	P	12 08 20.4 +1.4
TXAR		comp=Z,23nm,0.8s,mb4.7,baz=146,slow=10,SNR=256		12 18 32.2
OXF	Oxford	22.16 359	eP	12 08 22.6 +0.5
COW	Cow Castle Cre	22.15 19	eP	12 08 26.0 +1.8
MIAR	Mount Ida	22.36 350	eP	12 08 27.0 +0.7
MIAR		comp=Z,119nm,0.8s,mb5.4		12 08 35.5
UALR	University of	22.41 353	eP	12 08 27.1 +0.4
SJG	San Juan	22.74 73	P	12 08 32.1 +1.9
SWET	Seawane	22.81 6	eP	12 08 30.7 0.0
SWET		comp=Z,11nm,0.7s,mb4.4		12 08 37.7
HBAR	Harrisburg	23.03 357	eP	12 08 34.2 +1.3
CPCT	Cooper Cave	23.23 9	eP	12 08 35.3 +0.5
WVT	Waverly	23.58 2	eP	12 08 38.1 0.0
WMOK	Wichita Mounta	23.88 340	eP	12 08 40.2 -0.9
PARMO	Parma	24.10 359	eP	12 08 44.6 +1.4
CPRX	Cap Rock	24.57 329	eP	12 08 48.2 +0.3
AMPX	Amarillo	25.10 335	eP	12 08 53.4 +0.5
USIN	University of	25.41 2	P	12 08 54.2 -1.6
FVM	French Village	25.44 357	eP	12 08 54.9 -1.1
CCM	Cathedral Cave	25.55 356	eP	12 08 56.5 -0.7
CCM		comp=Z,165nm,0.8s,mb5.6		12 09 40.9
CCM		eP	P	12 12 28.1 +0.1
WCI	Wyandotte Cave	25.76 5	eP	12 08 57.4 -1.7
LPM	Los Pinos Moun	27.01 326	P	12 09 10.2 -0.5
ANMO	Albuquerque	27.41 328	P	12 09 16.3 +2.0
ANMO		comp=Z,0.7nm,0.5s,mb3.5,baz=136,slow=12,SNR=3.8		12 09 16.1 +1.8
TUC	Tucson	28.09 318	eP	12 09 21.3 +0.8
TUC		comp=Z,11nm,1.0s,mb4.4		12 09 25.6
ACSO	Alum Creek Sta	28.15 10	eP	12 09 19.3 -1.6
SDCO	Great Sand Dun	29.17 332	eP	12 09 30.6 +0.6
ISCO	Idaho Springs	30.42 335	eP	12 09 46.1 +0.6
PV01	Paradox Valley	30.94 329	eP	12 09 46.9 +1.2
PV10	Paradox Valley	31.36 329	eP	12 09 49.2 -0.3
PSU0		12 12 44.3 +2.0		
NEIN	Nelson	32.81 319	eP	12 10 03.1 +1.0
MV10	Marysville	33.12 326	eP	12 10 05.8 +0.8
SAML	Samuel	33.34 128	eP	12 10 05.6 -1.2
SAML		comp=Z,9.8nm,0.9s,mb4.7		12 12 52.1 +4.2
ARUT	Antelope Range	33.34 323	eP	12 10 07.6 +1.0
DALU	Daniels Canyon	34.02 329	eP	12 10 12.9 +0.4
TPNV	Topopah Spring	34.50 320	eP	12 10 18.4 +1.7
TPNV		comp=Z,5.1nm,1.1s,mb4.4		12 12 53.6 +2.6
PDAR	Pinedale Array	35.05 333	eP	12 10 21.4 +0.1
PDAR		comp=Z,1.7nm,0.8s,mb3.9,baz=135,slow=7.8,SNR=11		12 12 53.8 +1.2
HWAT	Hardware Ranch	35.08 330	eP	12 10 22.4 +0.9
LPZ	La Paz	35.25 144	P	12 10 21.3 +8.7
LPZ		comp=Z,1.2nm,0.8s,mb3.9,baz=324,slow=13,SNR=3.7		12 25 02.7
LPZ		comp=Z,1.32nm,19.4s,MS3.7,baz=94,slow=36		12 10 24.5 +1.3
EYMN	Ely	35.42 357	eP	12 10 22.3 -2.1
EYMN		comp=Z,30nm,0.7s,mb5.3		12 25 02.8
NVAR	Mina Array Bea	36.70 320	P	12 10 55.1 +1.5
NVAR		comp=Z,3.9nm,0.9s,mb4.2,baz=135,slow=7.8,SNR=24		12 12 59.4 +2.0
NVAR		comp=Z,1.9nm,0.7s,baz=138,slow=3.7,SNR=12		12 28 25.6
NVAR		comp=Z,1.85nm,18.1s,MS3.9,baz=65,slow=41		12 12 37.4 +2.1
NVAR		eP	P	12 12 59.4 +2.0
YMR	Madison River	37.18 334	eP	12 10 39.8 +0.5
QLMT	Earthquake Lak	37.51 334	eP	12 10 43.3 +1.3
QLMT		eP	P	12 12 10.9 -0.1
QLMT		eP	P	12 13 02.9 +3.0
CMB	Columbia Colle	37.81 318	eP	12 10 45.9 +1.4
HLD	Hailey	37.93 330	eP	12 10 46.4 +0.8

HLID		eP	P	12 13 03.4 +2.2
DGMT	Dagmar	38.05 344	eP	12 10 46.6 +0.1
ULM	Lac du Bonnet	38.09 353	P	12 10 44.9 -1.8
ULM		comp=Z,16nm,0.8s,mb4.6,baz=173,slow=8.7,SNR=17		12 28 36.4
ULM	Lac du Bonnet	38.09 353	P	12 10 44.9 -1.8
ULM		comp=Z,226nm,19.6s,MS4.0,baz=145,slow=40		12 28 36.4
ULM	McKenzie Canyo	38.14 332	eP	12 11 07.7 +1.4
MCMT	Limon Verde	40.05 150	eP	12 11 10.7 +7.7
LVC	Limon Verde	40.05 150	P	12 11 09.7 +6.4
LVC		comp=Z,1.5nm,0.7s,mb3.8,baz=284,slow=24,SNR=3.1		12 11 09.7 +6.4
BMO	Blue Mountains	40.31 329	eP	12 11 04.4 -0.9
SCHO	Schefferville	45.70 18	P	12 11 47.0 -1.9
SCHO		comp=Z,15nm,0.8s,mb5.0,baz=207,slow=5.0,SNR=13		12 33 05.3
FCC	Fort Churchill	46.36 356	eP	12 11 51.7 -2.3
FCC		comp=Z,2.08nm,18.0s,MS4.1,baz=273,slow=39		12 33 05.3
BDFB	Brasilia	49.25 123	P	12 12 23.6 +6.4
BDFB		comp=Z,2.1nm,0.4s,mb4.5,baz=299,slow=7.9,SNR=3.6		12 34 48.5
BDFB		comp=Z,245nm,19.2s,MS4.2,baz=175,slow=38		12 34 48.5
CPUP	Villa Florida	49.36 142	P	12 12 26.6 +8.7
CPUP		comp=Z,0.7nm,0.9s,mb4.3,baz=15,slow=5.8,SNR=3.6		12 12 26.2 +2.3
CPUP	Villa Florida	49.36 142	P	12 12 26.2 +2.3
CPUP		comp=Z,1.1nm,1.3s,mb4.7		12 12 44.7 -1.7
YKA	Yellowknife Ar	53.20 345	P	12 12 44.7 -1.7
YKA		comp=Z,4.7nm,0.8s,mb4.5,baz=142,slow=7.7,SNR=53		12 13 53.8 +0.1
YKA		comp=Z,0.8nm,0.8s,mb4.7		12 37 45.7
YKA	Yellowknife Ar	53.20 345	P	12 12 44.7 -1.7
YKA		comp=Z,127nm,18.3s,MS4.0,baz=185,slow=39		12 13 53.9 +0.1
YKA		eP	P	12 37 45.7
YKWS	Yellowknife Ar	53.26 346	eP	12 12 44.8 -2.0
YKWS		eP	P	12 12 52.7
RES	Resolute Bay	62.28 358	eP	12 13 47.9 -2.2
RES		comp=Z,4.8nm,0.8s,mb4.7		12 13 47.9 -2.2
INK	Inuvik	62.73 343	eP	12 13 51.7 -1.5
INK		comp=Z,14nm,1.1s,mb5.0		12 13 59.3
ILAR	Elision Array	65.39 336	P	12 14 09.7 -0.8
ILAR		comp=Z,3.0nm,1.0s,mb4.3,baz=135,slow=4.0,SNR=8.7		12 48 06.6
MCK	McKinley	65.80 335	P	12 14 10.9 -2.2
MCK		comp=Z,9.5nm,20.4s,MS4.0,baz=358,slow=41		12 14 10.9 -2.2
SUMG	Summit	66.95 15	eP	12 14 18.3 -1.9
SUMG		comp=Z,12nm,0.9s,mb4.9		12 15 51.0 -1.6
DBEC	Dimboko	82.89 85	P	12 15 51.0 -1.6
GBES	GRESS Array B	88.90 40	P	12 16 21.0 -0.4
GBES		comp=Z,0.5nm,0.7s,mb4.0,baz=298,slow=4.2,SNR=3.7		12 22 16.4 +3.1
CN2	Changchung	115.79 333	ePKP	12 22 16.4 +6.2
SONM	Songino Array	118.42 348	ePKP	12 22 16.4 +3.1
SONM		comp=Z,0.5nm,0.6s,baz=3.7,slow=1.4,SNR=4.5		12 22 25.3 +1.3
WMQ	Urumqi	123.90 3	eP	12 22 25.3 +1.3
WMQ		comp=Z,0.5nm,0.7s,mb4.0,baz=298,slow=4.2,SNR=3.7		12 24 13.5 +0.7
WMQ		eP	P	12 26 07.7 +0.8
WMQ		eP	P	12 29 25.9 +5.4
WMQ		eP	P	12 30 55.3
WMQ		comp=Z,30nm,11.4s		12 30 55.3
WMQ		comp=N,17nm,20.0s,MS4.2		12 30 55.3
WMQ		comp=E,56nm,21.0s,MS4.2		12 30 55.3
WB2	Warramunga Arr	137.81 254	eP	12 23 00.7 +1.0
WB2		comp=Z,7.5nm,23.7s,MS4.3		12 22 54.3 +3.3
WR	Warramunga Arr	137.82 254	eP	12 22 54.3 +3.3
WR		comp=Z,0.5nm,0.7s,baz=93,slow=3.0,SNR=9.1		12 22 54.3 +3.3
ASAR	Alice Springs	137.87 249	eP	12 22 54.1 +3.2
ASAR		comp=Z,0.4nm,0.7s,baz=107,slow=2.9,SNR=6.1		12 22 54.1 +3.2
CMAR	Chiang Mai Arr	148.28 346	ePKP	12 23 12.6 +3.4
CMAR		comp=Z,7.6nm,0.8s,baz=325,slow=2.2,SNR=39		12 23 12.6 +3.4

CSEM 02 12:13:22.2, 0.1, 32.23N, 35.36E, h2km, ML2.0, Error ellipse: s-maj=3.5km s-min=2.1km az=77.0  
 GII 02 12:13:22.6, 0.2, 32.24N, 35.37E, h5km, 1km, ML2.0/3, Dead Sea region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
HMDT	Nahal Hemdat	0.13 86	Op	Pg	P	12 13 25.8 +0.4	
HMDT	Nahal Hemdat	0.13 86	Op	Pg	P	12 13 25.8 +0.4	
HMDT	Mount Malkishu	0.20 12	Pg	Pg	P	12 13 26.9 +0.2	
MMLI	Mount Malkishu	0.20 12	Pg	Pg	P	12 13 26.9 +0.2	
OFRI	'Ofir	0.50 319	Pg	Pg	P	12 13 32.3 -0.3	
OFRI		0.61 331	Sg	Sg	P	12 13 40.7 +1.4	
HAF	Haifa	0.61 331	Sg	Sg	P	12 13 40.7 +1.4	
DRGI	Dragnet	0.65 178	Pg	Pg	P	12 13 35.4 -0.1	
MKRJ	Makavir	0.73 162	Pg	Pg	P	12 13 37.1 -0.0	
KSHT	Keshet	0.82 27	Pg	Pg	P	12 13 38.8 -0.3	
HNTI	Hanita	0.85 349	Sg	Sg	P	12 13 52.0 +0.9	
HNTI	Hanita	0.85 349	Sg	Sg	P	12 13 51.9 +0.8	
MZDA	Masada	0.93 180	Pg	Pg	P	12 13 40.3 -0.9	

IDL 02 12:38:32.3, 2.0, 8.27S, 125.18E, mb3.8/2, mb1 4.3/5, mb1mx4.0/12, ML3.8/3, MS3.0/3, Ms1 3.0/3, ms1mx2.7/16, Error ellipse: s-maj=93.1km s-min=24.4km az=58.0  
 NEIC 02 12:38:38.0, 3.4, 8.42S, 124.84E, h133km, 33

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KURK Kurchatov, NDI Aya Nagar, GUN Gumba, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like XAN Xi'an, HHC Hu-ho-hao-te, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GERES GERESS Array B, GRA1 Grafenberg Arr, MAJO Matsushiro, etc.

CSEM 02 13:07:36.7±0.1, 40.26N±0.53E, h2km, MD3.1, Error ellipse: s-maj=3.2km s-min=1.6km az=105.0 THE 02 13:07:37.9, 40.27N±0.63E, h10km, ML3.4 ATU 02 13:07:38.2, 40.23N±0.63E, h17km, MD3, 1/4 NEIC 02 13:07:38.2, 40.23N±0.63E, h17km, MD3.1(ATH), After ATH. ISC 02 13:07:36.9±0.7, 40.27N±0.03±0.257E±0.06, h6km±4km, n16, c1f13/28, Greece-Albania border region. Code Station Name Δ° AZ° Phase ID h m s ISC LSK Leskovica 0.13 168 / Pg P 13 07 39.2 ±0.5 KBN Korca 0.3 26 / Pg Sg 13 07 45.1 ±0.4 KBN Janina 0.65 160 ePn Pn 13 07 51.9 ±2.0 JAN Metsovon 0.70 134 eS N Pg 13 07 58.4 ±4.6 JAN MEV Metsovon 0.70 134 eS N Pg 13 07 49.1 ±1.9 IGT Igoumenitsa 0.76 194 ePg Pg 13 07 52.8 ±0.6 IGT Florina 0.80 50 ePg Pg 13 07 51.3 ±1.6 FNA Kerkira 0.81 227 ePn Pn 13 08 03.7 ±0.1 KZN Kozani 0.92 88 ePn Pn 13 07 55.2 ±1.0 KZN Litokhoron 1.48 96 ePb Pb 13 08 04.2 ±0.4 GRG Griva 1.56 63 ePb Pb 13 08 05.2 ±0.5 LKD Levkas 1.57 178 ePb Pb 13 08 05.3 ±0.6 EVR Evrytania 1.66 144 ePn Pn 13 08 07.1 ±0.4 EVR Skopje 1.82 21 ePn Pn 13 08 13.5 ±4.5 AGG Agios Georgios 1.85 132 ePb Pb 13 08 10.2 ±0.1 AGS Agios Georgios 1.85 132 ePb Pb 13 08 45.0 ±0.9 KNT Kendrikon 1.98 63 ePb Pb 13 08 12.2 ±0.8 KNT Polygyros 2.20 86 ePn Pn 13 08 15.4 ±0.9 IDC 02 13:31:20.3±59.0, 15.69S±175.23W, mb3.9/3, mb1 4/1, 3, mb1mx3.7/1.4, Error ellipse: s-maj=1120.0km s-min=185.3km az=78.0, Tonga Islands





Table with columns: CDF, Station Name, Time, Res, and various codes. Includes stations like Champ du Feu, DLBC, GRA1, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GUC 02, SFDO, CIPRES, etc.

IDC 02 14:52:55.21.1.3.41N-83.00W, mb3.9/7, mb1 4.2/8, mb1mx4.0/18, MS4.2/10, MS1 4.2/10, ms1mx3.7/16, Error ellipse: s-maj=37.3km s-min=21.9km az=52.0

NEIC 02 14:52:56.80.5.3.49N-82.87W, h10km, mb4.7/20, Error ellipse: s-maj=18.1km s-min=8.1km az=45.0

CASC 02 14:52:57.61.7.3.58N-83.67W, h20km, 999km, MD4.8, mb4.7(NEIC)

ISC 02 14:52:60.0.5.3.76N-10.05-82.80W-0.09, h33km, n74, s=124.52, mb4.4/25, MS4.3/10, 4C-1D, South of Panama

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OTAV, URSC, ICR, etc.

Table with columns: PRU, ARCES, DPC, OKC, FINES, CTA, ASAR, WRA, KOLN, GKN, KKN, GUN, DMN, PKI, SHL, and various codes. Includes stations like Arceces Array B, Dobruska-Polom, etc.

IDC 02 15:05:29.64.4.7.4.88S-131.29E, mb3.4/1, mb1 3.4/3, mb1mx3.3/12, ML2.9/2, Error ellipse: s-maj=712.0km s-min=30.7km az=77.0, Banda Sea

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like WRA, ASAR, SONM, etc.

OTT 02 15:27:58.6.0.0.49.64N-67.09W, h18km, MN3.1/23, 45km south from Port-Carrier, Qc Lower St. Lawrence Seismic Zone, Quebec, Southern Quebec

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ICQ, SMQ, CNO, GSO, MNO, A21, A64, A61, A16, A54, DAQ, LMN, GGN, DPO, SCH, MOQ, LG4, TRQ, DRLN, ALFO, GAC, VLD, CRLO, EEO, SADO, VIMO, SILO, and various codes.

ellip: s-maj=43.1km s-min=19.3km az=59.7
JMA 02 15:34:08.7, 0.4, 44.47N, 148.14E, h98km, M4.1
IDC 02 15:34:09.5, 1.1, 45.03N, 147.90E, h102km, km, mb3.6/6,
mb1 4.0/8, mb1mx3.6/23, Error ellipse: s-maj=46.6km
s-min=18.0km az=135.0
ISC 02 15:34:05.7, 1.0, 44.6N, 0.1x148.3E, 0.1, h83km, 10km,
h101km, 2.1km; p-P, P1, c11, d12/42, mb3.9/6, 2C, Kuril

CNRM 02 15:40:48.9, 35.02N, 2.44W, h11km, MD3.1
CSEM 02 15:40:51.0, 3.0, 34.98N, 2.85W, h5km, MD3.1, Error
ellip: s-maj=8.2km s-min=6.0km az=138.0
MDD 02 15:40:52.4, 1.8, 35.00N, 3.10W, mb3.4/5, Error ellipse:
s-maj=17.5km s-min=7.7km az=146.0, PRXIMO
Aftershock PLICA
NEIC 02 15:40:53.1, 35.06N, 3.09W, MG3.4(MDD), After MDD.
ISC 02 15:40:51.6, 1.1, 35.06N, 0.04, 2.8W, 0.1, h23km, 5km, n19,
#128/31, Strait of Gibraltar

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ESKT, ESKT, LOS, ISP, etc.

Islands

Main table of seismic events with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUR, MELI, EMEL, etc.

Main table of seismic events with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZAI, MELI, EMEL, etc.

Main table of seismic events with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DALY, RDO, BCK, etc.





2d 17h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KPT Kopyto, KII Karymskiy, KZK Kozryevsk, etc.

NEIC 02 16:26:33.9.2.2, 3.94S, 154.00E, h403km, 22km, mb4.0/9, Error ellipse: s-maj=25.2km s-min=15.2km az=97.0

ISC 02 16:26:34.4.2.1, 4.0S-0.1, 153.9E-0.2, h422km, 21km, n20, a1910/21, mb3.7/13, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Charters Tower, WRA Warramunga Arr, etc.

GRAL 02 17:03:53.9.0.9, 32.08N-35.33E, h29km, MD3.2, GII 02 17:03:54.2.0.4, 32.25N-35.37E, h4km, 2km, ML2.8/11, MW2.7/5

CSEM 02 17:03:54.3.0.1, 32.27N-35.35E, h2km, MW2.7, Error ellipse: s-maj=1.7km s-min=0.9km az=102.0

ISC 02 17:03:53.7.0.4, 32.25N-0.02-35.40E-0.05, h2km, 6km, n37, a0586/47, 1D, Dead Sea region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HMDT Nahal Hemdat, MMLI Mount Malkishu, SLTI Sal'it, etc.

2004 DEC

STR 02 17:13:14.7.0.2, 43.62N-7.76E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 02 17:13:13.2.0.1, 43.56N-7.73E, h20km, Mdz1/1, ML2 2/5, Error ellipse: s-maj=1.2km s-min=1.5km az=57.0, Near south coast of France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like REVV Reverse, SBF Sospel, AURIE Auriere, etc.

ISC 02 17:15:25.6.1.9, 11.24N-85.59W, mb3.7/5, mb1.4/1.5, mb1mx3.9/17, MS3.3/2, Ms1 3.3/2, ms1mx2.9/18, Error ellipse: s-maj=55.5km s-min=44.2km az=47.0

CASC 02 17:15:27.8.2.2, 10.68N-86.30W, MD4.1, ML4.2, mb4.2(NEIC)

NEIC 02 17:15:32.6.1.1, 11.12N-85.53W, h64km, 16km, mb4.2/4, Error ellipse: s-maj=28.0km s-min=12.9km az=58.0

ISC 02 17:15:28.8.1.0, 10.53N-0.07-86.37W-0.09, h57km, 10km, n38, a1926/47, mb4.0/9, MS3.2/2, 9C-7D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APON Apoyo, JTS JuntasAbangare, CRUN El Crucero, etc.

MIAR Mount Ida 24.79 346 LR P 17 20 44.9 -2.0

WMOK Wanchia Mounita 25.63 337 eP P 17 21 12.7

BBSR BB Station 29.53 39 P P 17 21 21.8 -8.4

SAML Sanuel 30.11 129 eP P 17 21 35.3 -0.2

LPZ La Paz 32.18 146 LR LR 17 21 31.0 +0.5

PDAR Pinedale Array 37.95 332 P P P 17 22 43.1 +0.5

PDAR Pinedale Array 37.95 332 P P P 17 22 43.1 +0.5

NVAR Mina Array Bea 39.84 320 P P P 17 23 02.0 +3.7

NVAR Mina Array Bea 39.84 320 P P P 17 23 02.0 +3.7

SCHO Schefferville 46.82 15 P P 17 23 50.9 -3.7

YKA Yellowknife Arr 55.73 345 P P 17 24 58.9 -2.8

YKA Yellowknife Arr 55.73 345 P P 17 24 58.9 -2.8

CMAR Chiang Mai Arr 150.72 350 PKPbc PKPdf 17 35 18.6 +8.8

CNRM 02 17:50:38.3, 35.42N-2.47W, h17km, MD4.9, IAG 02 17:50:42, 34.95N-2.96W, h8km, MW4.9, Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mr-0.02; Mw-0.06; Mw-0.04; Mw-0.03; Mw-2.03; Mr-1.92; Best double couple: Ms2.81x1016 NP1.0e92, d47, A183, NP2.0e92, d88, A19, Principal axes: T 2.97, Plg27, Azm55; N-349, Plg47; Azm178; P-2.62, Plg30; Azm307;

INMG 02 17:50:42.8.1.4, 34.99N-2.74W, h15km, 4km, ML4.2, Error ellipse: s-maj=4.9km s-min=3.2km az=97.0

ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 02 17:50:44, 1.0.5, 34.88N-3.00W, h10km, MD4.6/1, M4.9/8, ms4.2/7, Error ellipse: s-maj=12.4km s-min=5.7km az=6.0

CSEM 02 17:50:44.9, 34.98N-3.00W, h20km, mb4.7, ML4.7, NEIC 02 17:50:45.0, 1.8, 35.03N-3.03W, h14km, 11km, mb4.7/6B, MS4.7/1, MN4.8(MDD), Error ellipse: s-maj=6.4km s-min=3.3km az=176.0

NEIC Felt [III] at Mellilla, MED\_RC 02 17:50:45.0, 0.6, 34.89N-3.08W, h15km, MW4.9/33, Moment Tensor Solution. Body waves: s33, c54; Duration: 1.0 Moment tensor: Scale 1016Nm; Mr-0.84; Mw-0.16; Mw-0.04; Mw-1.00; Mw-0.76; Mw-2.02; Mw-0.09; 13; Best double couple: Ms2.44x1016 NP1.0e6; s66, A-12; NP2.0e10, d79, A-156; Principal axes: T 2.77, Plg9; Azm231; N-67, Plg64; Azm123; P-2.1, Plg25; Azm325; nsta1 refers to waves, cutoff=35s.

HRVD 02 17:50:45.0, 0.4, 34.97N-2.91W, h12km, MW4.9/56, Centroid moment Tensor Solution. LP body waves: s24, c29; Mantle waves: s56, c84; Half duration: 0 Moment tensor: Scale 1016Nm; Mr-0.45; Mw-0.10; Mw-0.21; Mw-0.66; Mw-0.53; Mw-2.60; Mw-2.00; Mw-1.00; Mw-0.25; Best double couple: Ms2.84x1016 NP1.0e93, d77, A174, NP2.0e185, s64, A19; Principal axes: T 3.22, Plg18; Azm151; N-177; Plg70; Azm202; P-2.46, Plg9; Azm318; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ZUR\_RM 02 17:50:45.35.03N, 3.03W, h12km, Mw5.0/19, Moment Tensor Solution. s19 Moment tensor: Scale 1016Nm; Mr-0.66; Mw0.12; Mw0.54; Mw0.42; Mw-2.69; Mw-1.72; Best double couple: Ms3.2x1016 NP1.0e359, s86, A-34; NP2.0e92, s86, A-175; Principal axes: T 3.609, Plg20; Azm50; N-81, Plg56; Azm173; P-2.799, Plg26; Azm310;

MOS 02 17:50:47.8.1.3, 35.17N-2.99W, h36km, mb4.6/21, MS4.3/28, Error ellipse: s-maj=17.5km s-min=6.6km az=57.2

ISC 02 17:50:43.6.0.1, 35.09N-0.27-0.30W-0.01, h14km, h1km, 11km, pP-P, N42, e1930/655, mb4.7/85, MS4.4/32, 25C-25D, Strain of Gibraltar

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMEL Mellilla, MELI Mellilla, ZAI Zai, etc.

CART	Cartagena	2.98	33	ePn	Sn	17 52 02.0	-5.5
CART	Cerro San Cris	2.99	302	P	Pn	17 51 29.8	-1.8
SCRT	Cerro San Cris	2.99	302	eP	Pn	17 52 01.7	-5.8
EMUR	La Murta	3.10	27	P	Pn	17 51 34.5	+2.9
EMUR	La Murta	3.10	27	P	Pn	17 51 34.5	+2.9
EMUR	266nm,0.3s,SNR=18	3.10	27	P	Pn	17 52 05.8	-4.8
EMUR	3um,0.8s,SNR=21				Sn	17 51 32.3	-1.0
EMUR	La Murta	3.10	27	P	Pn	17 52 05.8	-4.7
ZFT	Errachidia	3.24	200	P	Pn	17 51 34.0	-1.2
ZFT	Adamuz	3.32	338	P	Pn	17 52 12.0	-2.0
EADA	468nm,0.5s,SNR=18				Sn	17 51 37.2	+0.9
EADA	4um,1.0s				Sn	17 52 15.3	-0.7
EADA	Adamuz	3.32	338	P	Pn	17 51 37.2	+0.9
RTC	468nm,0.5s,SNR=18				Sn	17 51 35.5	-1.2
RTC	Rabat Centre	3.35	252	iP	Pn	17 52 16.0	-0.6
EANR	'Ain N'Sour	3.48	74	P	Pn	17 51 37.0	-1.6
EVIA	Vianos	3.57	7	P	Pn	17 51 42.5	+2.6
EVIA	Vianos	3.57	7	P	Pn	17 52 14.3	-8.0
EVIA	101nm,0.4s,SNR=45				Sn	17 52 18.4	-3.9
EVIA	2um,1.2s,SNR=8.7				Sn	17 51 42.5	+2.6
ECHF	Ech Chlef	3.71	72	P	Pn	17 51 40.0	-2.0
ECHA	Ech Chlef	3.73	72	P	Pn	17 51 40.0	-2.2
EBNR	Beni Rached	3.90	71	P	Pn	17 51 44.0	-0.6
EMIN	Mina Concepcio	3.97	313	P	Pn	17 51 45.4	-0.2
EMIN	Mina Concepcio	3.97	313	P	Pn	17 52 31.8	-0.7
EMIN	281nm,0.4s,SNR=18				Sn	17 51 45.5	-0.1
EMIN	553nm,0.9s				Sn	17 52 30.8	-1.7
EMIN	Mina Concepcio	3.97	313	P	Pn	17 52 31.8	-0.7
EMIN	Mina Concepcio	3.97	313	P	Pn	17 51 45.5	-0.1
EMIN	281nm,0.4s,SNR=18				Sn	17 51 45.5	-0.1
AVE	Averroes	4.05	245	P	Pn	17 51 46.5	-0.2
AVE	Averroes	4.05	245	P	Pn	17 52 33.5	-1.0
EBEN	Beniarda	4.25	31	P	Pn	17 51 49.0	-0.6
EBEN	Beniarda	4.25	31	P	Pn	17 52 34.4	-4.3
EBEN	Beniarda	4.25	31	P	Pn	17 51 48.1	-1.4
EBEN	42nm,0.3s,SNR=43				Sn	17 52 34.8	-4.8
EBEN	378nm,0.8s,SNR=7.2				Sn	17 51 49.0	-0.6
EBEN	Beniarda	4.25	31	P	Pn	17 51 50.2	-0.2
PALC	Alcoutim	4.31	305	iPn	Pn	17 52 40.8	-0.2
PALC	Alcoutim	4.31	305	iPn	Pn	17 51 50.2	-0.2
PALC	Alcoutim	4.31	305	iPn	Pn	17 52 40.8	-0.2
PALC	Alcoutim	4.31	305	iPn	Pn	17 51 50.2	-0.2
PALC	Alcoutim	4.31	305	iPn	Pn	17 52 40.8	-0.2
ESDC	129nm,0.5s				Sn	17 52 40.8	-0.2
ESDC	258nm,0.5s				Sn	17 51 55.1	0.0
ESDC	138nm,0.3s,baz=172,slow=13,SNR=45				Sn	17 52 48.2	-1.1
ESDC	34nm,0.3s,baz=175,slow=21,SNR=13				Sn	17 52 48.2	-1.1
ESDC	120nm,0.3s,baz=169,slow=28,SNR=16				Sn	17 50 02.9	
ESDC	138nm,0.3s,baz=171,slow=13,SNR=18				Sn	17 51 55.8	+0.8
ESDC	138nm,0.3s,baz=171,slow=13,SNR=18				Sn	17 51 55.2	+0.1
ESDC	1um,0.8s,baz=168,slow=27,SNR=17				Sn	17 52 47.7	-1.7
ESDC	138nm,0.3s,SNR=18				Sn	17 51 55.2	+0.1
ESDC	138nm,0.3s,SNR=18				Sn	17 51 55.8	+0.7
EBAD	139nm,0.3s,SNR=18				Sn	17 51 58.2	0.0
EBAD	678nm,1.2s				Sn	17 52 52.0	-2.9
EBAD	Badajoz	4.86	320	P	Pn	17 51 58.2	0.0
PBEJ	Beja	4.88	308	ePn	Pn	17 51 57.9	-0.5
PBEJ	Beja	4.88	308	ePn	Pn	17 52 54.4	-1.0
PBEJ	153nm,0.5s				Sn	17 51 57.9	-0.5
PBEJ	Beja	4.88	308	ePn	Pn	17 52 54.4	-1.0
PBEJ	Beja	4.88	308	ePn	Pn	17 51 57.9	-0.5
PBEJ	Beja	4.88	308	ePn	Pn	17 52 54.4	-1.0
EMHD	Djebel Mahouad	5.00	75	P	Pn	17 51 53.0	-7.1
ABA	Alger-Bouzarea	5.21	69	P	Pn	17 52 00.7	-2.4
PTEO	Sao Teotonio	5.21	300	P	Pn	17 52 02.6	-0.6
PTEO	Sao Teotonio	5.21	300	P	Pn	17 52 02.6	-0.6
PTEO	211nm,0.7s				Sn	17 53 03.3	-0.5
PTEO	Sao Teotonio	5.21	300	P	Pn	17 52 02.6	-0.6
PTEO	Sao Teotonio	5.21	300	P	Pn	17 53 03.3	-0.5
PTEO	Sao Teotonio	5.21	300	P	Pn	17 53 03.3	-0.5
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.4	-1.4
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.5	-1.4
EIBI	122nm,0.3s,SNR=18				Sn	17 52 02.4	-1.4
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.5	-1.4
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.5	-1.4
EIBI	865nm,1.3s				Sn	17 52 59.5	-5.5
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.5	-1.4
EIBI	Ibiza	5.26	40	P	Pn	17 52 02.5	-1.4
EVO	Evora	5.27	312	ePn	Pn	17 52 04.8	+0.8
EVO	Evora	5.27	312	ePn	Pn	17 53 05.0	-0.4
EVO	614nm,0.7s				Sn	17 53 07.6	-0.6
ADJB	Djebel Djouab	5.37	77	P	Pn	17 52 04.8	-0.7
MOE	Montemor	5.48	310	ePn	Pn	17 52 06.9	0.0
MOE	Montemor	5.48	310	ePn	Pn	17 53 09.7	-0.7
MOE	Montemor	5.48	310	ePn	Pn	17 52 06.7	-0.2
OUK	Oukaimeden	5.61	228	iP	Pn	17 52 07.5	-1.2
OUK	Oukaimeden	5.61	228	iP	Pn	17 53 11.0	-2.7
EMOS	Mosqueruela	5.64	20	P	Pn	17 52 09.8	+0.6
EMOS	23nm,0.3s,SNR=26				Sn	17 53 07.6	-0.6
EMOS	346nm,1.0s				Sn	17 52 09.9	+0.6
EMOS	Mosqueruela	5.64	20	P	Pn	17 52 09.8	+0.6
AKET	Djebel Ketat	5.71	78	P	Pn	17 53 13.1	0.0
PCBR	Castelo Branco	5.92	325	ePn	Pn	17 53 18.6	-2.9
PCBR	Castelo Branco	5.92	325	ePn	Pn	17 53 18.6	-2.9
PCBR	185nm,0.6s				Sn	17 52 13.1	0.0
PCBR	Castelo Branco	5.92	325	ePn	Pn	17 53 18.6	-2.9
CIA	Chichaoua	5.95	235	iP	Pn	17 52 13.0	-0.5
LIS	Lisbon	6.10	308	eP	Pn	17 52 14.7	-1.0
LIS	Lisbon	6.10	308	eP	Pn	17 52 16.8	
LIS	comp=Z,1um,0.2s				AML	17 52 18.9	
LIS	comp=E,1um,0.8s				AML	17 53 19.1	-6.9
LIS	Lisbon	6.10	308	eP	Pn	17 53 19.1	-6.9
LIS	Lisbon	6.10	308	eP	Pn	17 52 14.7	-1.0
LIS	Lisbon	6.10	308	eP	Pn	17 53 19.1	-6.9
LIS	Lisbon	6.10	308	eP	Pn	17 52 14.7	-1.0
PTOM	Tomar	6.23	318	ePn	Pn	17 52 16.5	-1.1
PTOM	Tomar	6.23	318	ePn	Pn	17 53 24.5	-4.8
PTOM	comp=E,169nm,0.6s				Sn	17 52 16.5	-1.1
PTOM	Tomar	6.23	318	ePn	Pn	17 53 24.5	-4.8
PTOM	comp=E,169nm,0.6s				Sn	17 52 16.5	-1.1
EBR	Ebro Roquetas	6.36	25	iPn	Pn	17 52 19.5	+0.1
EBR	Ebro Roquetas	6.36	25	iPn	Pn	17 53 30.5	
EBR	Ebro Roquetas	6.36	25	iPn	Pn	17 53 35.5	+2.9
MTE	Manteigas	6.40	327	iPn	Pn	17 52 19.5	-0.4
MTE	Manteigas	6.40	327	iPn	Pn	17 53 30.1	-3.4
MTE	comp=E,317nm,0.8s				Sn	17 52 19.4	-0.5
MTE	Manteigas	6.40	327	iPn	Pn	17 53 29.7	-3.8
MTE	Manteigas	6.40	327	iPn	Pn	17 52 19.5	-0.4
MTE	Manteigas	6.40	327	iPn	Pn	17 53 30.1	-3.4
MTE	Manteigas	6.40	327	iPn	Pn	17 53 29.7	-3.8
ERTA	Horta de San J	6.43	23	P	Pn	17 52 20.7	+0.3
ERTA	Horta de San J	6.43	23	P	Pn	17 52 20.7	+0.3
ERTA	comp=E,443nm,1.3s				Sn	17 53 29.3	-5.1
ERTA	Horta de San J	6.43	23	P	Pn	17 52 20.7	+0.3
ERTA	comp=E,221nm,0.7s,SNR=18				Sn	17 52 20.7	+0.3

PVIS	Viseu	6.81	327	ePn	Pn	17 52 25.4	-0.3
PVIS	Viseu	6.81	327	ePn	Pn	17 53 39.3	-4.5
PVIS	comp=E,140nm,0.8s				Sn	17 52 25.3	-0.4
PVIS	Viseu	6.81	327	ePn	Pn	17 53 37.0	-6.8
PVIS	Viseu	6.81	327	ePn	Pn	17 52 25.4	-0.3
PVIS	Viseu	6.81	327	ePn	Pn	17 53 39.3	-4.5
PVIS	comp=E,70nm,0.8s				Sn	17 53 37.0	-6.8
ESAC	Visa Caprasio	6.92	16	P	Pn	17 53 37.0	-6.8
ESAC	comp=E,21nm,0.3s,SNR=6.9				Sn	17 52 27.3	0.0
ESAC	comp=E,248nm,0.9s				Sn	17 53 41.0	-5.6
ESAC	Visa Caprasio	6.92	16	P	Pn	17 52 27.3	0.0
CKHR	Kef el Ahmar	7.02	80	P	Pn	17 52 28.0	-0.7
EPOB	Poblet	7.04	26	Pn	Pn	17 52 28.3	-0.7
EPOB	Poblet	7.04	26	Pn	Pn	17 52 28.1	-0.8
EPOB	comp=E,17nm,0.4s,SNR=24				Sn	17 53 43.3	-6.3
EPOB	comp=E,31nm,0.4s				Sn	17 52 32.1	-0.7
EPOB	Poblet	7.04	26	Pn	Pn	17 52 28.3	-0.6
AFS	Agadir Fac de	7.17	231	iP	Pn	17 52 29.5	-1.2
PVRL	Vila Real	7.20	331	iPn	Pn	17 52 30.9	-0.2
PVRL	comp=E,283nm,0.6s				Sn	17 53 47.9	-5.6
PVRL	Vila Real	7.20	331	iPn	Pn	17 52 30.9	-0.2
PVRL	Vila Real	7.20	331	iPn	Pn	17 52 30.9	-0.2
PVRL	comp=E,141nm,0.6s				Sn	17 53 47.9	-5.6
PBRG	Braganca	7.31	338	ePn	Pn	17 52 32.1	-0.7
PBRG	Braganca	7.31	338	ePn	Pn	17 53 50.0	-6.4
PBRG	Braganca	7.31	338	ePn	Pn	17 52 32.0	-0.8
PBRG	Braganca	7.31	338	ePn	Pn	17 53 50.0	-6.4
PBRG	Braganca	7.31	338	ePn	Pn	17 52 32.0	-0.8
CMER	Merouana	7.32	83	P	Pn	17 52 38.0	+5.2
DFRA	Djebel Bou Aff	7.38	76	P	Pn	17 52 32.0	-1.7
ECAL	Calabor	7.43	338	Pn	Pn	17 52 34.1	-0.4
ECAL	Calabor	7.43	338	Pn	Pn	17 52 33.7	-0.8
ECAL	comp=E,66nm,0.3s,SNR=18				Sn	17 53 52.1	-7.3
ECAL	Calabor	7.43	338	Pn	Pn	17 52 34.1	-0.4
EMIR	Miracle	7.69	26	P	Pn	17 52 38.6	+0.5
EMIR	comp=E,29nm,0.3s,SNR=13				Sn	17 53 59.7	-6.2
EMIR	Miracle	7.69	26	P	Pn	17 52 38.6	+0.5
EMIR	comp=E,85nm,0.6s				Sn	17 52 40.2	+3.1
EMIR	Miracle	7.69	26	P	Pn	17 52 38.6	+0.5
EMIR	comp=E,29nm,0.3s,SNR=13				Sn	17 52 40.2	+3.1
CTEI	Djebel Teioual	7.75	80	P	Pn	17 52 42.0	+3.1
CASM	Ain Smara	7.83	79	P	Pn	17 52 37.0	-3.1
ELOB	Lobios	7.83	331	Pn	Pn	17 52 39.6	-0.4
ELOB	Lobios	7.83	331	Pn	Pn	17 52 39.2	-0.8
ELOB	comp=E,80nm,0.5s,SNR=77				Sn	17 54 02.7	-6.7
ELOB	Lobios	7.83	331	Pn	Pn	17 52 39.7	-0.4
ERUA	La Rua	7.97	337				

2d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZST Bratislava, CLL Colim, and various regional stations.

2004 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like NB2 EORSAR Subarra, NOA NORARS Array B, and various international stations.

48

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, and various international stations.









2d 18h

Table of station data for 2d 18h, including station names like Guam, Charters Tower, RAR, etc., and their corresponding coordinates and values.

2004 DEC

Table of station data for 2004 DEC, including station names like YAK, YAK, YAK, etc., and their corresponding coordinates and values.

52

Table of station data for 52, including station names like WMO, GUN, BNM, etc., and their corresponding coordinates and values.

NEIC 02 18:27:01.8:0.7, 6.40N:127.70E, h100km, mb4.3/10, Error ellipse: s-maj=41.9km s-min=11.6km az=74.0
BUJ 02 18:27:01.8: 6.40N:127.70E, h100km, mb5.2, mb4.7
IDC 02 18:27:03.1: 12.0, 5.96N:126.47E, h91km, mb3.8/9, mb1.4/0.9, mb1mx3.8/19, Error ellipse: s-maj=70.5km s-min=17.8km az=63.0

ISC 02 18:26:57.3:1.0, 5.95N:0.07,126.29E,0.08, h53km, gkm, n32, c098R/35, mb4.3/22, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MATI, PAGZ, BUKP, etc.



Table with columns: Station Name, Frequency, Power, Class, and SNR. Includes stations like SVB Belmont, SVV Soufriere Volc, PCRV Puerto La Cruz, etc.

Table with columns: Station Name, Frequency, Power, Class, and SNR. Includes stations like WVW Waterville, WVT Waverly, WWT Wexford, etc.

Table with columns: Station Name, Frequency, Power, Class, and SNR. Includes stations like SDCO Great Sand Dun, LAZ Ladron, TRQA Tornquist, etc.









2d 21h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Hoyanger, Brabster, Latheron, Reay, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Brigand Hill, Pointe-a-Pierr, Bacolet, etc.

NEIC 02 20:34:15.6, 34.07S:72.42W, h32km, ML2.9(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Longovio, Las Cruces, San Fernando, etc.

FUNV 02 20:34:50.8, 10.61N:61.00W, h90km, MW2.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Brigand Hill, Trinidad (W), etc.

2000 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pointe-a-Pierr, Prospect, Bacolet, etc.

NEIC 02 20:35:45.1, 37.18N:28.60E, h7km, MD3.3(ATH), After ATH

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Yerkesik, Daliyan (Mudja), Cakirokul, etc.

CNRN 02 20:37:59.4, 35.18N:2.69W, h9km, MD2.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Balcova, Akhisar, Karpathos, etc.

NEIC 02 20:38:05.1, 35.18N:3.17W, MKDD, After MDD

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Zaio, Melilla, Touzarine, etc.

BGR 02 20:50:42.8, 0.4, 48.42N:7.36E, h5km, ML1.3/1, Error

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Champ du Feu, Welschbruch, Echery, etc.

NEIC 02 20:50:41.8, 6.46, 48.44N:0.04:7.30E:0.04, h11km, 4km, n16, c193/30, France

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Champ du Feu, Welschbruch, Echery, etc.

58

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Haudompre, Refroy, Meiziers J'vi, etc.

FUNV 02 20:52:17.6, 10.40N:61.14W, h56km, MW3.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Brigand Hill, Pointe-a-Pierr, Siparia, etc.

NNC 02 21:10:39.4, 6.4, 43.38N:87.89E, h33km, mpv2.5, Error

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Urumqi, Neapolis, etc.

CSEM 02 21:11:09.6, 0.3, 35.03N:2.76W, h12km, MD2.7, Error

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Zaio, Melilla, Touzarine, etc.

NEIC 02 21:11:00.1, 1.3, 35.01N:0.05:2.7W:0.1, h17km, 6km, n12, c1540/19, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Zaio, Melilla, Touzarine, etc.

NEIC 02 21:12:48.5, 16.81N:100.48W, h10km, MD3.9(MEX), After MEX

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like El Cayaco, Acapulco, Zihuatanejo, etc.

NEIC 02 21:14:35.2, 16.82N:100.88W, h16km, MD3.6(MEX), After MEX

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like El Cayaco, Acapulco, Zihuatanejo, etc.







Table with columns: EBad, Station Name, Azimuth, Elevation, Power, Phase, Frequency, and other parameters.

CNRM 03 01:38:03.5, 35.07N, 2.63W, h13km, MD2.7, Error ellipse: s-maj=2.8km s-min=1.8km az=50.0

Main table listing station data for the 3d 2h period, including station names like Melilla, Novalja, Rignano Grg, etc.

IDC 03 01:44:38.0, 3.31S, 135.51E, mb4.0/7, mb1 4.3/11, mb1mx4.2/15, ML3.8/4, MS3.7/4, Ms1 3.7/4, ms1mx3.2/19, Error ellipse: s-maj=34.6km s-min=17.3km az=68.0

Main table listing station data for the IDC period, including station names like Kakadu, Port Moresby, Warramunga Arr, etc.

LPAZ La Paz 149.41 131 PKPbc PKPdf 02 04 32.6 +4.8

CSEM 03 01:46:14.2, 0.1, 43.19N, 15.50E, h10km, ML3.1/4, Error ellipse: s-maj=2.8km s-min=1.8km az=50.0

Main table listing station data for the CSEM period, including station names like Novalja, Rignano Grg, Monte Sant'Ang, etc.

IDC 03 01:47:15.6, 1.6, 49.90S, 118.15E, mb3.8/2, mb1 3.9/2, mb1mx3.7/10, MS3.5/2, Ms1 3.5/2, ms1mx2.8/19, Error ellipse: s-maj=89.0km s-min=37.1km az=106.0

Main table listing station data for the IDC period, including station names like Tennant Creek, Vanda, Vanda V, etc.

Main table listing station data for the right side of the page, including station names like Melilla, Melilla, Touzarine, etc.

IDC 03 02:06:26.6, 1.6, 54.00N, 160.93W, mb3.8/9, mb1 4.0/11, mb1mx3.8/23, ML3.8/2, MS3.5/2, Ms1 3.5/2, ms1mx2.6/28, Error ellipse: s-maj=34.6km s-min=22.5km az=8.0

Main table listing station data for the IDC period, including station names like Dolgo Island, Doria, Dutton Round H, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array, etc.

ICC 03 02:18:51.6±2.1, 3.30S, 134.78E, h10km, mb3.9/1, Error ellipse: s-maj=48.6km s-min=19.6km az=102.0

NEIC 03 02:18:56.6±1.5, 3.44S, 134.70E, h10km, mb3.9/1, Error ellipse: s-maj=48.6km s-min=19.6km az=102.0

ISC 03 02:18:56.0±5.6, 3.65S±0.2, 134.7E±0.3, h42km±50km, n7, r134.9/m3.7/2, 1D, Irian Jaya region

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

ICC 03 02:28:46.9±1.3, 13.63N, 121.36E, mb3.5/3, mb1 3/7.3, mb1mx3.4/18, Error ellipse: s-maj=73.3km s-min=9.4km az=54.0

NEIC 03 02:28:48.4±0.9, 13.59N, 121.22E, h10km, mb4.0/1, Error ellipse: s-maj=69.8km s-min=9.4km az=68.0

NEIC Felt [I PIVS] at Puerto Galera. Also felt [I PIVS] at Batangas, Luzon.

MAN 03 02:28:48.0, 13.66N, 120.95E, h10km, mb4.2, ML3.0, MS2.7, ISC 03 02:28:49.9±0.6, 13.65N±0.1, 120.94E±0.05, h23km±7km, n18, r113/21, mb4.1/1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, TGY Tagaytay City, LUBP Lubang, etc.

ICC 03 02:42:50.0±1.2, 59.32S, 24.88W, mb4.1/2, mb1 4.1/3, mb1mx3.9/12, ML3.9/1, MS2.5/1, Ms1 2.5/1, ms1mx2.4/10, Error ellipse: s-maj=57.9km s-min=34.2km az=22.0

NEIC 03 02:42:57.0±7.0, 59.58S±25.19W, h55km, mb4.2/3, Error ellipse: s-maj=31.3km s-min=9.3km az=52.0

ISC 03 02:42:48.6±1.7, 59.25S±0.3, 24.5W±0.6, h10km, n15, r0573/10, mb4.2/4, 1C-3D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer-Olymp, VNA2 Neumayer-Watz, etc.

CSEM 03 02:45:49.3±0.1, 2.5, 02N±2.87W, h10km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.3km az=96.0

CNRM 03 02:45:50.0, 35.10N±2.70W, h14km, MD2.8, NEIC 03 02:45:52.4, 35.10N±3.17W, MG3.0(MDD), After MDD. MDD 03 02:45:52.4±2.2, 35.10N±3.17W, mb3.0/6, Error ellipse: s-maj=23.0km s-min=6.8km az=165.0, PRXIMO

After shock PLICA, ISC 03 02:45:50.1±1.0, 35.02N±0.05, 2.80W±0.09, h20km±6km, n17, r196/24, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZAI Zaio, EMLI Melilla, EMEL Melilla, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TZK Tazeka, TZK Tazeka, EBER Berja, etc.

ICC 03 02:53:04.9±3.5, 10.87N, 61.36W, mb3.6/9, mb1 4.0/9, mb1mx3.8/20, MS3.5/2, Ms1 3.4/2, ms1mx2.9/21, Error ellipse: s-maj=108.0km s-min=23.2km az=2.0

NEIC 03 02:53:10.9±0.7, 10.67N, 61.36W, h50km, mb3.7/2, Error ellipse: s-maj=18.4km s-min=13.4km az=142.0

TRN 03 02:53:11.1, 10.50N, 61.10W, h27km, MD3.9, ISC 03 02:53:08.6±0.6, 10.38N±0.05, 61.21W±0.07, h59km±4km, n25, r128/30, mb3.6/9, MS3.5/2, 2C-2D, Trinidad

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBH Brigand Hill, TBP Pointe-a-Pierre, TRN Trinidad (W), etc.

NEIC 03 02:53:51.4±0.7, 33.85S±71.01W, h70km, MD3.8(GUC), After GUC

GUC 03 02:53:51.4±0.7, 33.85S±71.01W, h70km±3km, MD3.8, ML3.8, 10C-10D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TACH Talagante, TACH Chadas Angostu, LNW Longovilo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JACH Jahuel, JACH Jahuel, PACH Papudo, etc.

NEIC 03 03:20:55.0, 35.84N±22.73E, h43km, MD3.6(ATH), After H.

CSEM 03 03:20:55.0, 35.84N±22.73E, h43km, MD3.6/10, After ATH, ATH 03 03:20:55.0, 35.84N±22.73E, h43km±5km, MD3.6/10, 1C-1D, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KYTH Kithira, VAM Vamos, ITM Ithomi, etc.

LDG 03 03:46:38.9±0.4, 10.60N, 61.67W, h10km, Mb5.2/39, Ms4.6/7, Error ellipse: s-maj=49.3km s-min=8.0km az=112.0

MOS 03 03:46:44.4±0.9, 10.63N, 61.35W, h33km, mb5.1/18, Error ellipse: s-maj=17.5km s-min=9.0km az=65.6

ICC 03 03:46:46.2±0.5, 10.64N, 61.42W, h38km, mb4.6/16, mb1 4.9/17, mb1mx4.8/20, ML6.2/1, MS4.9/13, Ms1 4.9/13, ms1mx4.8/21, Error ellipse: s-maj=16.1km s-min=12.4km az=91.0

NEIC 03 03:46:46.3±0.1, 10.57N, 61.44W, mb5.1/139, MS5.1/115, Error ellipse: s-maj=3.6km s-min=2.3km az=190.0

NEIC Felt [V] at Port-of-Spain, San Fernando and Tunapuna; [III] at Chaguanas. Felt in much of Trinidad.

Bull 03 03:46:46.3, 10.60N±61.40W, h41km, mb5.5, Ms5.4, MS2.1

SYO 03 03:46:46.3, 10.57N±61.45W, h42km, MB5.1, MS5.1, HRVD 03 03:46:46.3±0.2, 10.31N±61.02W, h25km, MW5.3/8, Centroid moment tensor solution. LP body waves: s50, c87, Mantle waves: s58, c106; Half duration: 1s2; Moment tensor: Scale 10^17Nm; Mr-1.0±0.3; Mw0.6±0.2; Mw0.4±0.2; Mw0.15±0.06; Mw1.0±0.2; Mw1.0±0.7; Best double couple: M0.13x10^17 NP1; phi±228°, delta±90°, NP2±48°, delta±90°. Principal axes: T 1.56, P1g5, Azm138°; N -51, P1g0, Azm228°; P -1.05, P1g85, Azm318°; nst1a refers to body waves, cutoff=40s, nst2a refers to surface waves, cutoff=50s.

TRN 03 03:46:46.3, 10.43N±61.03W, h34km, MD5.1, ISC 03 03:46:44.2±0.2, 10.54N±61.03W, h46W, 0.02, h41km, h41km±4km, pP-P, A438, r080/342, mb5.0/157, MS5.0/136, 9C-3D, Trinidad

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (W), TRN Pointe-a-Pierre, etc.







Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMEL Melilla, TOU Touzarine, MPAL Palemas, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERTA Horta de San J, MTE Manteigas, MTE Manteigas, etc.

ICD 03 04:53:59.8, 10.0, 10.28N, 61.53W, mb3.8/5, mb1 4.1/5, mb1mx3.7/20, MS2.9/1, Ms1 2.9/1, ms1mx2.3/19, Error ellipse: s-maj=238.0km s-min=91.0km az=151.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBH Brigand Hill, TBH Pointe-a-Pierr, TRN Trinidad (W), etc.

NEIC 03 05:05:59.2, 16.27N, 98.38W, h9km, MD3.6(MEX), After MEX. MEX 03 05:05:59.2, 16.27N, 98.38W, h9km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa, ACX Acapulco, VHO Vista Hermosa, etc.

CNRM 03 05:35:25.8, 35.14N, 2.60W, h16km, MD2.7, CSEM 03 05:35:26.0, 1.35, 03N, 2.87W, h12km, MD2.7, Error ellipse: s-maj=3.3km s-min=2.8km az=115.0

NEIC 03 05:35:28.1, 34.99N, 3.09W, MG3.5(MDD), After MDD. MDD 03 05:35:28.1, 34.99N, 3.09W, MG3.5, Error ellipse: s-maj=17.9km s-min=7.0km az=145.0, PRXIMO

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

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

IDC 03 06:01:16.3, 4.7, 7.10S, 150.81E, h122km, 40km, mb3.6/6, mb1 3.7/7, mb1mx3.7/13, Error ellipse: s-maj=49.8km s-min=24.5km az=112.0

NEIC 03 06:01:17.0, 2.9, 7.08S, 150.72E, h125km, 22km, mb4.0/3, Error ellipse: s-maj=37.1km s-min=18.8km az=112.0

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

CASC 03 06:07:32.0, 2.5, 12.59N, 89.45W, h34km, 20km, MD4.4, M4.2, mb4, 3(NEIC)

NEIC 03 06:07:33.8, 1.6, 12.52N, 89.45W, h74km, 17km, mb4.3/27, Error ellipse: s-maj=17.3km s-min=7.9km az=50.0

BUJ 03 06:07:33.7, 12.50N, 89.50W, h73km, mb4.9, Ms1.1, Ms2.9

IDC 03 06:07:55.3, 3.9, 13.84N, 89.22W, h189km, 31km, mb3.6/8, mb1 3.8/9, mb1mx3.6/18, MS3.9/10, Ms1 3.9/10, ms1mx3.6/17, Error ellipse: s-maj=35.5km s-min=19.8km az=38.0

ISC 03 06:07:30.9, 0.6, 12.53N, 0.05, 89.46W, 0.04, h59km, 5km, n102, c11/1195, mb4.3/30, MS4.1/12, 10C-14D, Off coast of Central America

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LFRS El Faro, LFRS Serv Nac Est T, BOQS Boqueron, etc.

COPN Copaltepe, APYN Apoyaca, XAVN Gruta Xavier, MGAN Managua, MGAN Managua, MGAN Managua

TRCN Ticiantepe, WILN Americas 2, PYTN Playetas, APYN Apoyo, JPTS JuntasAbangare, PRS1 Puriscal, PRS1 Puriscal, LAJ Bijagua, TRTC Turuquero, URSC Urusaca, TEIG Tepich, HKT Hockley, SDV Santo Domingo, JCT Junction City, LRAL Lakeview Retre, LTX Lajitas, TXAR Lajitas Array, OXF Oxford, MIAR Mount Ida, UALR University, SWET Sewanee, HBAR Harrisburg, SJG San Juan, WVT Waverly, WMOK Wichita Mounta, PARMO Parma, CPRX Cap Rock, AMTX Amarillo, FVM French Village, CCM Cathedral Cave, WCI Wyandotte Cave, ANMO Albuquerque, ANMO Albuquerque





Table with columns: Station Name, Az, El, Phase ID, Time, Res. Includes stations like ESOC Sonseca Array, EBAD Badajoz, EBAD Badajoz, PBEV Ejeva, EIBI Ibiza, etc.

ADC 03 07:54:48.1±0.7, 12.84N:147.23E, mb4.2/12, mb1 4/4,12, mb1mx4.3/21, MS3.7/6, Ms1 3.8/6, ms1mx3.4/24, Error ellipse: s-maj=26.3km s-min=15.1km az=101.0

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GUM0 Guam, PMG Port Moresby, KAKA Kakadu, KS15 Wonju, SSE Sheshan, etc.

Table with columns: Station Name, Az, El, Phase ID, Time, Res. Includes stations like INK Inuvik, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, etc.

IDC 03 08:07:33.6±6.7, 10.44N:61.59W, mb3.5/3, mb1 3.9/3, mb1mx3.4/19, Error ellipse: s-maj=168.0km s-min=46.0km az=120.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TBH Brigand Hill, TPP Pointe-a-Pierr, TRN Trinidad (W), etc.

MOS 03 07:54:51.8±1.5, 12.83N:146.99E, h33km, mb4.6/3, Error ellipse: s-maj=38.6km s-min=19.2km az=101.0

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, ILAR Eielson Array, etc.

Main table with columns: Station Name, Az, El, Phase ID, Time, Res. Includes stations like FG5 Orsara di Pugl, FIAM Fiamignano, SGG Gregorio Mates, etc.

PERS Pernice	3.50 357 P	Pn	08 14 10.8 +1.4	comp=Z,183nm,0.6s	SBF Sospel	5.80 280 eSn	Sn	08 15 44.5 -4.7	BRG BRG		i	Sg	08 16 51.1
DIVS Divicbare	3.51 731/Pn	Pn	08 14 09.6 +0.1	comp=Z,92nm,0.6s	VTN Vitoshia	5.81 93 eP	Pn	08 14 41.0 -1.0	BRG BRG	Berggiesshubel	7.80 353 iSg	Sg	08 17 23.2 -10
DIVS	08 14 50.5 -1.1	Pn	08 14 10.0 +1.4	UTS Vitoshia	5.81 281 eP	Pn	08 14 42.3 +0.2	LANF LANF	Langenberg	7.85 321 P	Sn	08 15 10.4 -0.3	
BISS Bistriski jare	3.51 358 i/Pn	Pn	08 14 10.0 +0.2	VTS Vitoshia	5.81 281 P	Pn	08 14 42.3 +0.2	WVF WVF	Saint-Julien-I	7.88 286 eSn	Pn	08 15 36.8 -3.7	
MPRI Monte Prat	3.53 332 i/Pn	Pn	08 14 10.8 +1.0	AUTN AUTN	5.82 349 ePn	Sn	08 15 44.5 -5.1	VIVF VIVF	comp=Z,35nm,0.7s	MOD Tromm	7.89 327 P	Pn	08 15 11.8 +0.5
PKA Puka	3.53 201 i/Pn	Pn	08 14 10.0 +0.1	GECC GERESS Array S	5.82 349 eSn	Pn	08 15 47.7 -2.2	TOX TOX	Moxa	7.93 343 eP	Pn	08 15 10.3 -1.6	
PUK Puka	3.53 106 e/Pn	Pn	08 14 10.0 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 15 47.7 -2.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
CAE Caneva	3.54 325 i/Pn	Pn	08 14 11.2 +1.1	GERES GERES Array B	5.82 349 P	Pn	08 14 11.2 +1.0	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
RHK1 Bakonya	3.54 321 eP	Pn	08 14 10.7 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 10.7 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
RHK1 Bakonya	3.54 321 eS	Pn	08 14 10.7 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 10.7 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
comp=Z,24nm,0.7s		Pn	08 14 11.2 +1.1	GERES GERES Array B	5.82 349 P	Pn	08 14 11.2 +1.0	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
PII Pisa	3.56 281 ePn	Pn	08 14 11.2 +1.0	GERES GERES Array B	5.82 349 P	Pn	08 14 11.2 +1.0	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
P5E Pise	3.56 281 ePn	Pn	08 14 10.7 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 10.7 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
PTCC Patocco-Chiusa	3.56 337 ePn	Pn	08 14 10.7 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 10.7 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
PTCC Patocco-Chiusa	3.56 337 ePn	Pn	08 14 11.2 +0.9	GERES GERES Array B	5.82 349 P	Pn	08 14 11.2 +0.9	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BDI Bagni Di Lucca	3.57 287 ePn	Pn	08 14 11.0 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 11.0 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BAGNI Di Lucca	3.57 287 ePn	Pn	08 14 11.0 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 11.0 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
LSR Lussari	3.58 339 i/Pn	Pn	08 14 11.0 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 11.0 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
MLNI Malnisio	3.59 228 i/Pn	Pn	08 14 11.0 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 11.0 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
MAIM Maim	3.61 284 P	Pn	08 14 11.9 +1.0	GERES GERES Array B	5.82 349 P	Pn	08 14 11.9 +1.0	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
MAIM Maim	3.61 284 P	Pn	08 14 13.9 +2.4	GERES GERES Array B	5.82 349 P	Pn	08 14 13.9 +2.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GSCL Gusciola	3.65 291 ePn	Pn	08 14 13.9 +2.4	GERES GERES Array B	5.82 349 P	Pn	08 14 13.9 +2.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GSCL Gusciola	3.65 291 ePn	Pn	08 14 13.9 +2.4	GERES GERES Array B	5.82 349 P	Pn	08 14 13.9 +2.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VLC Villacollemand	3.74 288 ePn	Pn	08 14 13.9 +1.2	GERES GERES Array B	5.82 349 P	Pn	08 14 13.9 +1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VLC Villacollemand	3.74 288 ePn	Pn	08 14 13.9 +1.2	GERES GERES Array B	5.82 349 P	Pn	08 14 13.9 +1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
QSH Qafa e Shtames	3.75 114 i/Pn	Pn	08 14 14.0 +1.1	GERES GERES Array B	5.82 349 P	Pn	08 14 14.0 +1.1	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
EREMO Eremo	3.75 114 i/Pn	Pn	08 14 14.0 +1.1	GERES GERES Array B	5.82 349 P	Pn	08 14 14.0 +1.1	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
TIR Tirane	3.81 116 ePn	Pn	08 14 14.0 +0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 14.0 +0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
TIR Tirane	3.81 116 ePn	Pn	08 14 15.5 +0.1	GERES GERES Array B	5.82 349 P	Pn	08 14 15.5 +0.1	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
PKSM Moragy	3.87 36 eP	Pn	08 14 15.2 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 15.2 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
PKSM Moragy	3.87 36 eP	Pn	08 14 15.2 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 15.2 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VALM Valm	3.88 290 P	Pn	08 14 15.2 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 15.2 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VALM Valm	3.88 290 P	Pn	08 14 15.2 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 15.2 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VINC Vinca	3.90 287 P	Pn	08 14 15.4 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VINC Vinca	3.90 287 P	Pn	08 14 15.4 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
VINC Vinca	3.90 287 P	Pn	08 14 15.4 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
FVI Forni Avoltri	3.91 333 ePn	Pn	08 14 15.4 +0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
FVI Forni Avoltri	3.91 333 ePn	Pn	08 14 15.4 +0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
CTI Castel Tesino	3.93 319 ePn	Pn	08 14 15.4 +0.2	GERES GERES Array B	5.82 349 P	Pn	08 14 15.4 +0.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
CTI Castel Tesino	3.93 319 ePn	Pn	08 14 15.5 +0.1	GERES GERES Array B	5.82 349 P	Pn	08 14 15.5 +0.1	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRUS Gruga	3.98 77 i/Pn	Pn	08 14 15.8 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 15.8 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRUS Gruga	3.98 77 i/Pn	Pn	08 14 15.8 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 15.8 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BACM Bacm	3.99 288 P	Pn	08 14 16.5 +0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 16.5 +0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BACM Bacm	3.99 288 P	Pn	08 14 16.5 +0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 16.5 +0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRAM Gram	4.05 291 P	Pn	08 14 17.7 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 17.7 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRAM Gram	4.05 291 P	Pn	08 14 17.7 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 17.7 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BEI Belgrade	4.06 64 i/Pn	Pn	08 14 17.2 +1.2	GERES GERES Array B	5.82 349 P	Pn	08 14 17.2 +1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BEI Belgrade	4.06 64 i/Pn	Pn	08 14 17.2 +1.2	GERES GERES Array B	5.82 349 P	Pn	08 14 17.2 +1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BEI Belgrade	4.06 64 i/Pn	Pn	08 14 17.2 +1.2	GERES GERES Array B	5.82 349 P	Pn	08 14 17.2 +1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
TIP Timpagrande	4.10 164 ePn	Pn	08 14 17.5 -0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 17.5 -0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
TIP Timpagrande	4.10 164 ePn	Pn	08 14 17.5 -0.3	GERES GERES Array B	5.82 349 P	Pn	08 14 17.5 -0.3	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
ARSA Arzberg	4.12 21 i/Pn	Pn	08 14 18.7 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 18.7 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
ARSA Arzberg	4.12 21 i/Pn	Pn	08 14 18.7 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 18.7 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
comp=Z,143nm,0.6s		Pn	08 15 31.9 -1.2	GERES GERES Array B	5.82 349 P	Pn	08 15 31.9 -1.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
CODM CODM	4.17 289 P	Pn	08 14 19.8 +0.9	GERES GERES Array B	5.82 349 P	Pn	08 14 19.8 +0.9	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
CODM CODM	4.17 289 P	Pn	08 14 19.8 +0.9	GERES GERES Array B	5.82 349 P	Pn	08 14 19.8 +0.9	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
KBA Koelnbreinspre	4.19 341 i/Pn	Pn	08 14 20.5 +1.4	GERES GERES Array B	5.82 349 P	Pn	08 14 20.5 +1.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
KBA Koelnbreinspre	4.19 341 i/Pn	Pn	08 14 20.5 +1.4	GERES GERES Array B	5.82 349 P	Pn	08 14 20.5 +1.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
comp=Z,508nm,0.7s		Pn	08 14 21.4 +1.6	GERES GERES Array B	5.82 349 P	Pn	08 14 21.4 +1.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
SEST Monte Rota	4.24 330 P	Pn	08 14 20.4 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 20.4 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
SEST Monte Rota	4.24 330 P	Pn	08 14 20.4 +0.4	GERES GERES Array B	5.82 349 P	Pn	08 14 20.4 +0.4	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
SAL Salo	4.25 307 ePn	Pn	08 14 20.4 +0.5	GERES GERES Array B	5.82 349 P	Pn	08 14 20.4 +0.5	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
SAL Salo	4.25 307 ePn	Pn	08 14 22.8 +0.8	GERES GERES Array B	5.82 349 P	Pn	08 14 22.8 +0.8	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BRES Bressanone	4.39 326 P	Pn	08 14 23.0 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 23.0 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
BRES Bressanone	4.39 326 P	Pn	08 15 11.3 -3.2	GERES GERES Array B	5.82 349 P	Pn	08 15 11.3 -3.2	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRI Girifalco	4.42 73 i/Pn	Pn	08 14 23.0 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 23.0 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
GRI Girifalco	4.42 73 i/Pn	Pn	08 14 23.0 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 23.0 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP	Sn	08 15 10.3 -1.6
SVIS Svilašnjac	4.42 73 i/Pn	Pn	08 14 23.0 +0.6	GERES GERES Array B	5.82 349 P	Pn	08 14 23.0 +0.6	MOX MOX	comp=Z,2um,14.0s	MOX Moxa	7.93 343 iP		

Table with columns: FINES, comp, M, L, R, P, S, Time, Res. Includes stations like FINESS Array B, Kislovodsk, ARCESS Array B, etc.

Table with columns: TXAR, Lajitas Array, WEL, CASC, NEIC, GUC, IDC, NORWEGIAN Sea, ILAR, CMAR, MDJ, NJ2, SSE, PDAR, BDFB, NVAR. Includes stations like Wether Hill Ro, Mavora Lakes, Jato, etc.

Table with columns: WRAB, WRA, WRA, WB2, ASPA, ASAR, STKA, GUN, PKI, DMN, GKN, KOLN, ROM, NEIC, CSEM, LDG, ISC, Code, Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.



Table with columns: EPOB, Pobllet, 7.02 25 P, Pn, 10 16 19.4 -0.4, etc. Includes stations like Pobllet, Vila Real, Braganca, Calabor, etc.

PDG 03 10:18:09.0.9, 43.22N-15.46E, h10km, 1km
ROM 03 10:18:10.4.1.0, 43.12N-15.46E, h10km, MD3.1/11,
ML2.7/6, Error ellipse: s-maj=9.1km s-min=7.3km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists numerous stations including TERO, NVLJ, RGNG, etc.

MOA Molin 4.75 351 Pn Pn 10 19 23.8 +0.2
MOA Molin 4.75 351 Pn Pn 10 19 23.8 +0.5
KHC Kasperske Hory 6.09 349 Pn Pn 10 19 41.0 -1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like MELI, TZK, EMEL, etc.

PDG 03 10:18:09.0.9, 43.22N-15.46E, h10km, 1km
ROM 03 10:18:10.4.1.0, 43.12N-15.46E, h10km, MD3.1/11,
ML2.7/6, Error ellipse: s-maj=9.1km s-min=7.3km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists numerous stations including LJA, EQES, ESPR, etc.

Table with columns: ARAO, baz=125,slow=28, Lg, 11 13 41.5, etc. Includes stations like ARAO, ARCESS Array S, etc.

IDC 03 11:41:07.3.43.0, 16.24S-173.02W, mb4.1/3, mb1 4.3/3,
mb1mx3.7/1.5, Error ellipse: s-maj=829.0km
s-min=187.7km az=79.0, Tonga Islands

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

PDG 03 11:43:07.7.1.6, 34.89N-2.98W, mb3.4/8, Error ellipse:
s-maj=17.2km s-min=9.0km az=114.0, Aftershock PLICA
PRXIMO

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists numerous stations including ZAI, MELI, EBER, etc.







3d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Wanda, Vanda, Narrogin, and many others.

2004 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like PET, WHN, MWC, and many others.

76

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, MCMT, PDAR, and many others.

EKSS	Erkin-Say	123.04 302	ePKPdf	PKPdf	15 17 50.9+0.3
ESKS			eSKPdf		15 21 10.4
PAL	Palisades	123.30 60	ePKPdf	PKPdf	15 17 52.9+1.8
LSZ	Lusaka	123.35 214	ePKPdf	PKPdf	15 17 53.3+1.8
MSNY	Musasa	123.87 55	ePKPdf	PKPdf	15 17 53.3+1.1
NCB	Newcomb	124.06 57	ePKPdf	PKPdf	15 17 53.4+0.9
ACCN	Adirondack Com	124.21 57	ePKPdf	PKPdf	15 17 53.7+0.8
HNH	Hanover	125.56 57	ePKPdf	PKPdf	15 17 56.3+1.5
BRVW	Bryant College	125.27 60	ePKPdf	PKPdf	15 17 57.0+2.1
HRV	Harvard-Oak R	125.43 59	ePKPdf	PKPdf	15 17 57.1+1.9
HRV					15 18 53.4
WES	Weston	125.56 59	ePKPdf	PKPdf	15 17 56.5+1.0
CHKZ	Chkalovo	127.74 315	ePKPdf	PKPdf	15 17 58.6-0.7
BVAR	Borovoye Array	127.77 314	PKNKP		15 17 49.9
BVAR		comp=E,13nm,0.8s,baz=88,slow=2.1,SNR=3.4			15 17 58.9-0.5
BVAR	Borovoye Array	127.77 314	PKP	PKPdf	15 17 58.9-0.5
BRVK	Borovoye	127.84 314	ePKPdf	PKPdf	15 17 59.0-0.6
KMBO	Kilima Mboogo	129.79 233	PKNKP		15 17 55.5
KMBO		comp=Z,0.9nm,0.7s,baz=56,slow=19,SNR=5.1			15 18 06.6+2.3
KMBO	Kilima Mboogo	129.79 233	PKHKKP		15 17 55.5
KMBO		comp=Z,1.0nm,0.7s	pmax	pmax	15 18 06.6
KMBO	Kilima Mboogo	129.79 233	PKP	PKPdf	15 17 55.5-8.8
KMBO		comp=Z,1.4nm,0.8s,baz=267,slow=4.0,SNR=9.7	ePKPdf	PKPdf	15 18 03.1+1.9
SCHQ	Schefferville	130.81 44	PKP	PKPdf	15 18 04.8-0.4
MBAR	Mbarara	134.31 227	ePKPdf	PKPdf	15 18 13.8+1.0
UBAR		comp=Z,1.4nm,0.8s,baz=267,slow=4.0,SNR=9.7	ePKPdf	PKPdf	15 18 12.0-2.6
ARU	Arti	134.80 318	PKPKP	PKPdf	15 18 09.2
ARU	Arti	134.80 318	ePKPp	PKPdf	15 18 12.6 0.0
ARU		comp=Z,0.9nm,0.7s,baz=56,slow=19,SNR=5.1	ePKPbc	PKPdf	15 18 12.3-1.4
SOKR	Solikamsk	135.44 322	iPKIKP	PKPdf	15 18 12.3-1.4
SOKR		comp=Z,2.0nm,1.0s	pmax		15 18 04.0
DAG	Danmarks Havn	136.94 6	ePKHKKP		15 18 04.0-12
DAG	Danmarks Havn	136.94 6	iP	PKPdf	15 18 18.5+1.7
SUMG	Summit	137.32 16	ePKPdf	PKPdf	15 18 17.9-6.7
NRS	Narsarsuaq	141.09 33	iP	PKPdf	15 18 17.1-6.7
NRS	Narsarsuaq	141.09 33	iP	PKPdf	15 18 19.9-4.6
KEV	Kevo	141.65 345	epk	PKPdf	15 18 20.9
ARCES	ARCCESS Array B	142.14 345	PKNKP		15 19 27.6
ARCES		comp=Z,4.5nm,0.5s,baz=48,slow=3.5,SNR=32			15 19 27.6
ARCES	ARCCESS Array B	142.14 345	PKHKKP		15 18 21.1
ARCES		comp=Z,4.7nm,0.6s,slow=1.2,SNR=4.5			15 18 21.1
ARCES	ARCCESS Array B	142.14 345	PKHKKP		15 18 21.1
ARCES		comp=Z,5.0nm,0.5s	pmax	pmax	15 18 29.6+0.5
ARCES	ARCCESS Array B	142.14 345	PKP	PKPdf	15 18 29.6+0.5
ARCES		comp=Z,5.2nm,0.4s,baz=287,slow=3.0,SNR=9.2	ePKPdf	PKPdf	15 18 29.6+0.5
GNI	Garni	143.82 292	PKP	PKPdf	15 18 29.6+0.5
GNI	Garni	143.82 292	PKIKP	PKPdf	15 18 29.6+0.5
GNI		comp=Z,5.0nm,0.4s	pmax		15 18 29.6+0.5
GNI	Garni	143.82 292	PKP	PKPdf	15 18 29.6+0.5
GNI	Garni	143.82 292	PKHKKP		15 18 26.8
VANB	Van	144.69 290	eP	PKPdf	15 18 29.0-1.7
GOF	Golitskoye	145.29 301	iPKP2	PKPab	15 18 30.5-3.6
GOF		comp=Z,1.40nm,1.3s			15 18 29.2-1.9
JOF	Joensuu	145.37 335	epk	PKPdf	15 18 31.8-0.2
KIV	Kislovodsk	145.53 299	iPKIKP	PKPdf	15 18 32.0+0.6
KIV	Kislovodsk	145.53 299	ePKPbc	PKPdf	15 18 33.6+0.8
KIV		comp=Z,1.40nm,1.3s	PP	PP	15 21 54.6-2.8
BTMT	Batman	146.12 289	ep	PKPdf	15 18 34.1+0.9
VRT	Varto	146.19 290	ep	PKPdf	15 18 34.9+1.7
MOS	Moscow	146.35 321	ePKP2	PKPab	15 18 34.6-3.3
MOS		comp=Z,1.43nm,0.7s	pmax	pmax	15 18 35.4+1.9
EZM	Ezurum	146.39 292	ep	PKPdf	15 18 35.4+1.9
VRSR	Storozhevoye	146.92 312	ePKIKP	PKPdf	15 18 35.7+1.7
VRSR		comp=Z,150nm,0.9s	eSS	SS	15 40 44.3-6.1
VRSR		comp=N,30nm,1.0s	pmax	pmax	15 18 37.2+0.7
VRSR		comp=E,100nm,1.0s	pmax	pmax	15 18 36.4+2.1
OBN	Obninsk	147.15 320	iPKIKP	PKPdf	15 18 36.4+2.1
OBN		comp=Z,64nm,0.6s	eSS	SS	15 22 00.9
OBN		comp=Z,64nm,0.6s	eSS	SS	15 25 28.2
OBN		comp=Z,64nm,0.6s	eSS	SS	15 40 46.1-5.6
OBN	Obninsk	147.15 320	ePKPbc	PKPdf	15 18 36.3+2.0
BORG	Borgarnes	147.30 16	PKPbc	PKPdf	15 18 39.1+4.8
BORG		comp=Z,7.1nm,0.8s,baz=306,slow=1.6,SNR=9.4			15 18 39.7-1.7
BORG	Borgarnes	147.30 16	ePKPab	PKPab	15 18 39.7-1.7
ELZ	Ezincan	147.58 291	ePKPdf	PKPdf	15 18 38.1+1.2
KAF	Kangasniemi	147.63 337	epk	PKPdf	15 18 38.7+2.5
TBKS	Tabuk	147.77 269	p	PKPdf	15 18 38.4+2.4
PTK	Petek	147.82 290	ep	PKPdf	15 18 39.7+3.7
GUMT	Gumushane	147.86 292	ep	PKPdf	15 18 40.5+4.8
DBAS	Duba	147.87 287	ep	PKPdf	15 18 37.2+0.7
URFA	Urfa	148.12 287	ep	PKPdf	15 18 38.8+3.0
FINES	FINESS Array B	148.18 336	PKPbc	PKPdf	15 19 41.9
FINES		comp=Z,52nm,0.6s,baz=51,slow=3.3,SNR=198	ePKPbc	PKPdf	15 18 38.8+3.0
FINES		comp=Z,42nm,1.0s,baz=72,slow=6.0,SNR=4.9			15 18 38.8+3.0
FINES	FINESS Array B	148.18 336	PKIKP	PKPdf	15 18 38.8+3.0
FINES		comp=Z,52nm,0.6s	pmax	pmax	15 18 42.4+2.5
FINES		comp=Z,42nm,1.0s	pmax	pmax	15 18 37.4+0.3
MALT	Malatya	148.53 288	ep	PKPdf	15 18 37.4+0.3
MALT	Malatya	148.53 288	ePKPdf	PKPdf	15 18 42.1+4.9
MYA	Malatya	148.53 288	ePKPbc	PKPdf	15 18 41.9+4.8
WFA	Jabal al Asfar	148.69 276	PKPbc	PKPdf	15 18 43.0+5.5
AYUS	'Ayunah	148.81 268	p	PKPdf	15 18 42.3+5.3
BDAS	Al Bad'	149.04 269	p	PKPdf	15 18 44.0+5.8
ANN	Anapa	149.24 301	iPKHKKP		15 18 41.5
ANN		comp=Z,296nm,1.5s	pmax	pmax	15 18 47.8
TAYS	Yayliin Isli	149.27 269	p	PKPdf	15 18 44.9+6.3
JIMOS	Jabal al Moall	149.28 270	p	PKPdf	15 18 44.0+5.4
RTWS	Iiw as Safayha	149.31 270	p	PKPdf	15 18 43.9+5.5
HAQS	Haqi	149.39 270	p	PKPdf	15 18 44.5+5.7
AQBJ	Aqaba	149.51 271	p	PKPdf	15 18 41.1+2.2
MKRJ	Makawir	149.56 275	p	PKPdf	15 18 41.2+2.3
EIL	Eilat	149.58 271	p	PKPdf	15 18 41.2+2.2
EIL		comp=Z,86nm,1.0s,baz=52,slow=2.1,SNR=45	ePKPbc	PKPdf	15 18 44.5+5.4
EIL	Eilat	149.58 271	ePKPdf	PKPdf	15 18 40.9+1.9
EIL		comp=Z,86nm,1.0s,baz=52,slow=2.1,SNR=45	ePKPbc	PKPdf	15 18 44.4+5.4
MBH	Mount Berech	149.64 271	p	PKPdf	15 18 41.5+2.4
ZFRJ	Zifri	149.66 272	p	PKPdf	15 18 41.3+2.2
MZDA	Masada	149.72 274	p	PKPdf	15 18 41.5+2.3
PRNI	Paran	149.74 272	p	PKPdf	15 18 41.6+2.3
DRGI	Dragot	149.77 275	p	PKPdf	15 18 41.5+2.2
KSHT	Keshet	149.77 277	p	PKPdf	15 18 42.0+2.8
HMDT	Nahal Hemdat	149.83 276	p	PKPdf	15 18 41.8+2.5
GLH	Golan-Tel Tzvi	149.87 274	p	PKPdf	15 18 41.9+2.6
KMTI	Karmit	149.90 271	p	PKPdf	15 18 41.8+2.3
MMLI	Mount Malkishu	149.97 276	p	PKPdf	15 18 42.4+2.9
VSU	Vasula	149.98 331	iPKHKKP		15 18 43.8
HTY	Hatay	150.09 284	ep	PKPdf	15 18 44.9+5.3
MASH	Mash abbe Sade	150.11 273	p	PKPdf	15 18 42.2+2.4
RTMM	Retamin	150.21 273	p	PKPdf	15 18 42.4+2.5
HNTI	Hamita	150.32 277	p	PKPdf	15 18 42.7+2.7
OFRI	'Ofer	150.37 276	p	PKPdf	15 18 43.3+3.2
HAF	Haifa	150.37 277	p	PKPdf	15 18 42.7+2.6
KZIT	Kziot	150.40 273	p	PKPdf	15 18 42.9+2.7
BNN	Bunyan	150.56 289	ep	PKPdf	15 18 44.3+4.2
BNN	Nigde	151.51 287	ep	PKPdf	15 18 45.7+5.7
PHNC	Paralimni	151.62 281	p	PKPdf	15 18 49.4+7.5

MNK	Minsk	151.90 324	ePKIKP	PKPdf	15 18 47.0+5.3
MNK		comp=Z,490nm,1.2s	pmax		15 18 46.1+3.0
DBIC	Dimbokro	151.94 171	PKP	PKPdf	15 18 46.1+3.0
DBIC		comp=Z,59nm,0.7s,baz=198,slow=2.2,SNR=7.5			15 18 52.8+1.0
DBIC	Dimbokro	151.94 171	PKPbc	PKPdf	15 18 52.8+1.0
DBIC		comp=Z,281nm,0.8s,baz=154,slow=3.6,SNR=105			15 18 46.1+3.1
DBIC	Dimbokro	151.94 171	PKP	PKPdf	15 18 46.1+3.1
DBIC		comp=Z,53nm,0.7s	pmax	pmax	15 18 45.1+2.1
DBIC	Dimbokro	151.94 171	ePKPdf	PKPdf	15 18 45.1+2.1
DBIC		comp=Z,281nm,0.8s	ePKPbc	PKPdf	15 18 52.3+9.2
TOS	Tosya	152.01 294	p	PKPdf	15 18 48.0+6.3
YCS	Prodhromos	152.18 281	p	PKPdf	15 18 50.6+7.8
YCS		comp=Z,0.7nm,0.6s			15 18 49.2+6.5
KAMT	Kaman	152.26 290	ep	PKPdf	15 18 42.9 0.0
BRTR	Keskin Array B	152.32 291	PKP	PKPdf	15 18 42.9 0.0
BRTR		comp=Z,4.7nm,1.1s,baz=135,slow=3.3,SNR=13			15 18 49.7+6.9
BRTR		comp=Z,2.4nm,0.6s,baz=150,slow=3.7,SNR=72			15 19 37.3
BRTR		comp=Z,6.1nm,0.8s,baz=135,slow=3.3,SNR=13	ePKPbc	PKPdf	15 18 42.9+0.1
BRTR	Keskin Array B	152.32 291	PKIKP	PKPdf	15 18 42.9+0.1
BRTR		comp=Z,5.0nm,1.1s	pmax	pmax	15 18 42.9+0.1
BRTR		comp=Z,2.4nm,0.6s	pmax	pmax	15 19 37.3
BRTR		comp=Z,6.0nm,0.8s	pmax	pmax	15 18 49.5+7.2
NB2	NORSAR Subarray152.46 348	PKP	PKPdf	15 18 49.5	
NB2		comp=Z,3.6nm,0.7s,baz=21,slow=2.5			15 18 42.5+0.2
NOA	NORSAR Array B	152.46 348	PKP	PKPdf	15 18 42.5+0.2
NOA		comp=Z,7.5nm,1.2s,baz=47,slow=1.9,SNR=5.3			15 18 49.3+7.0
NOA		comp=Z,9.5nm,0.6s,baz=340,slow=3.6,SNR=51	PKPbc	PKPdf	15 19 48.6
NOA		comp=Z,6.6nm,0.9s,baz=61,slow=3.3,SNR=9.9	ePKPbc	PKPdf	15 18 42.5+0.2
NOA	NORSAR Array B	152.46 348	PKIKP	PKPdf	15 18 42.5+0.2
NOA		comp=Z,7.0nm,1.2s	pmax	pmax	15 18 49.3
NOA		comp=Z,10.0nm,0.6s	pmax	pmax	15 18 50.5+7.3
NOA		comp=Z,7.0nm,0.9s	pmax	pmax	15 18 50.4+7.1
NOA	Saint-Zanaja	152.51 280	p	PKPdf	15 18 50.5+7.9
NOA	Lefka	152.56 281	ep	PKPdf	15 18 50.1+7.3
NOA	NORSAR Array S	152.70 348	ePKPbc	PKPdf	15 18 50.1+7.3
HFS	Hagfors	152.79 344	PKP	PKPdf	15 18 50.1+7.3
HFS	Hagfors	152.79 344	PKIKP	PKPdf	15 18 50.1+7.3
HFS		comp=Z,2.6nm,0.6s,baz=72,slow=4.7,SNR=52			15 18 50.9+7.3
ALFC	Alevga	152.80 281	p	PKPdf	15 18 50.9+7.3
ALFC		comp=Z,1.4nm,0.7s			15 18 51.7+7.8
PPCY	Paphos	152.97 280	p	PKPdf	15 18 42.3-1.1
AKASG	Main Array Be	153.02 316	PKP	PKPdf	15 18 50.7+7.3
AKASG		comp=Z,4.4nm,0.9s,baz=46,slow=1.8,SNR=12			15 18 50.7+7.3
AKASG		comp=Z,3.1nm,0.8s,baz=51,slow=2.5,SNR=41	PKPbc	PKPdf	15 18 42.3-1.1
AKASG	Main Array Be	153.02 316	PKIKP	PKPdf	15 18 50.7
AKASG		comp=Z,4.4nm,0.9s,baz=46,slow=1.8,SNR=12			15 18 50.7
AKASG		comp=Z,4.0nm,1.0s	pmax	pmax	15 18 51.8-0.5
AKASG		comp=Z,3.1nm,0.8s	pmax	pmax	15 18 51.8-0.5
KIZT	Kizilcal	153.68 289	ep	PKPdf	15 18 51.8-0.5
SUW	Suwali	154.38 327	ePKP	PKPdf	15 18 51.8-0.5
ISP	Isparta	154.73 286	iPKIKP	PKPdf	15 18 54.6+8.5
ISP	Isparta	154.73 286	ePKPbc	PKPdf	15 18 54.5+8.4
MLR	Muntele Rosu	157.03 306	PKP	PKPdf	15 18 48.5-0.5
MLR		comp=Z,1.3nm,1.4s,baz=1.8,slow=1.7,SNR=3.5			15 18 48.5-0.5
MLR	Munte				

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

MAN 03 15:25:07.7, 8.33N, 126.49E, h66km, mb4.9, ML3.8, MS3.9
MAN Bislig Surigao del Sur - Intensity II.

NEIC 03 15:25:08.1, 3.3, 8.36N, 126.55E, h110km, mb4.1/8,
Error ellipse: s-maj=20.3km s-min=7.3km az=77.0k

NEIC Felt [II PIVS] at Bislig.
IDC 03 15:25:11.6, 5.5, 8.30N, 126.46E, h141km, mb3.7/15,

ISC 03 15:25:05.9, 0.5, 8.36N, 126.54E, h104km, mb4km,
n53.1, f102/62, mb4.1, 26-CD, Mindanao

Main table of station data for the 3d 16h period, including codes, station names, and various parameters.

CNRM 03 15:26:02.6, 35.25N, 2.55W, h3km, MD3.3
NEIC 03 15:26:06.3, 35.01N, 3.10W, h1km, MG3.9(MDD), After MDD

Table of station data for the 2004 DEC period, including codes, station names, and various parameters.

IDC 03 15:27:20.1, 1.1, 3.37S, 134.98E, mb3.7/3, mb1.4/1/6,
mb1mx3.8/15, ML3.9/3, Error ellipse: s-maj=51.4km

NEIC 03 15:27:23.0, 0.8, 3.49S, 135.10E, h10km, mb3.7/3, Error
ellipse: s-maj=20.2km s-min=1.4km az=95.0

ISC 03 15:27:18.4, 3.0, 3.57S, 135.15E, 0.2, h7km, mb19km, n14,
e131/20, mb3.5/2, Irian Jaya region

Continuation of station data table for the 2004 DEC period.

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

NEIC 03 15:43:27.6, 2.8, 10.01S, 161.45E, h10km, mb4.2/1, Error
ellipse: s-maj=70.6km s-min=24.8km az=113.0

IDC 03 15:43:38.0, 3.3, 9.96S, 160.92E, h171km, mb3.7/5,
mb1.3/6, mb1mx3.7/16, Error ellipse: s-maj=85.4km

Islands region
Code Station Name Azimuth Phase ID Time Res

Table of station data for the Islands region, including codes, station names, and various parameters.

SKHL 03 16:06:55.0, 2.4, 49.90N, 153.78E, h180km, mb6.3/2,
mb6.0/2, msh5.1/1

BUI 03 16:06:55.8, 49.59N, 153.76E, h233km, mb4.8, mb4.8
MOS 03 16:06:57.1, 1.0, 49.92N, 153.57E, h219km, mb4.5/18,

NEIC 03 16:06:57.3, 2.1, 49.55N, 154.22E, h227km, km, ML5.2
IDC 03 16:06:58.9, 0.7, 49.93N, 153.50E, h217km, mb4.3/27,

NEIC 03 16:06:58.7, 0.1, 49.93N, 153.50E, mb4.770, Error
ellipse: s-maj=4.0km s-min=2.5km az=158.0

ISC 03 16:06:57.1, 0.2, 49.93N, 153.55E, 0.03, h214km, 2km,
h211km, 3.0km, pP-P, n326, f102/369, mb4.5/109, 29C-17D,

Kuril Islands
Code Station Name Azimuth Phase ID Time Res

Main table of station data for the 2004 DEC period, including codes, station names, and various parameters.

KOK	Koryaka	4.62	41	iP	P	16 08 09.8 +2.0
KOK				eS	S	16 09 02.1 -0.5
UGLR	Uglovaya	4.65	43	iP	P	16 08 10.1 +2.0
UGLR				eS	S	16 09 02.2 -0.9
AVH	Avacha	4.65	42	iP	P	16 08 10.0 +1.9
AVH				eS	S	16 09 02.3 -0.9
GNL	Ganally	4.65	34	iP	P	16 08 09.4 +1.3
SMAR	Somma	4.67	42	iP	P	16 08 10.5 +2.1
SMAR				eS	S	16 09 03.5 -0.2
SDLR	Sedlovina	4.72	43	iP	P	16 08 10.4 +1.4
SDLR				eS	S	16 09 02.8 -2.0
NLC	Nalytchevo	4.86	46	iP	P	16 08 10.1 -0.6
NLC				eS	S	16 09 02.7 -5.2
NLC	Nalytchevo	4.86	46	iP	P	16 08 10.0 -0.7
NLC				eS	S	16 09 02.7 -5.2
SPN	Mys Shipunski	5.14	49	iP	P	16 08 13.6 -0.7
SPN				eS	S	16 09 07.3 -6.9
SPN	Mys Shipunski	5.14	49	iP	P	16 08 13.4 -0.9
SPN				eS	S	16 09 09.1 -5.1
KII	Karymskiy	5.49	39	iP	P	16 08 20.0 +1.2
KII				eS	S	16 08 19.7 +0.9
KII	Karymskiy	5.49	39	iP	P	16 09 20.3 -2.0
KII				eS	S	16 08 25.0 -1.2
KUR	Kuril'sk	6.07	221	iPN	S	16 09 36.5 +0.9
KUR				iS	S	16 09 36.5 +0.9
KUR	comp=Z,300nm,0.6s				smax	
KUR	comp=N,610nm,0.6s				smax	
KUR	comp=E,150nm,0.6s					
KUR	Kuril'sk	6.07	221	iP	P	16 08 25.0 -1.2
KUR				AMB	AMB	16 08 25.5
KUR	comp=E,300nm,0.6s				iS	16 09 36.5 +0.9
KUR				A	S	16 09 43.5
KUR	comp=E,610nm,0.6s				A	16 09 43.5
KUR	comp=E,150nm,0.6s				A	16 09 43.5
TUMR	Tumrok	6.70	34	eP	P	16 08 35.7 +1.4
TUMR				eS	S	16 09 48.4 -1.7
Esso		6.76	25	iP	P	16 08 38.3 +3.2
TYV	Tyumovskoe	7.03	282	eP	P	16 08 39.8 +1.2
TYV				AMB	AMB	16 08 58.0
Esso				AMB	AMB	16 08 58.0
KMNR	Kamenistaya	7.10	32	eP	P	16 08 41.3 +1.8
KMNR				eS	S	16 09 56.3 -3.1
KOZ	Kozyrevsk	7.22	29	eP	P	16 08 42.4 +1.3
KOZ				eS	S	16 08 41.9 +0.8
KOZR	Kozyr	7.24	29	PN	P	16 08 42.4 +1.1
KPT	Kopyto	7.26	31	eP	P	16 08 42.6 +1.0
KPT				eS	S	16 09 59.7 -3.5
SRDR	Sredinnyy	7.39	28	eP	P	16 08 45.5 +2.2
ZLN	Zelenaya	7.50	33	eP	P	16 08 46.1 +0.4
ZLN				eS	S	16 10 05.6 -3.2
LGNR	Loginova	7.51	32	eP	P	16 08 47.3 +2.4
LGNR				eS	S	16 10 06.6 -2.5
CIRR	Tsirk	7.56	32	eP	P	16 08 47.2 +1.7
CIRR				eS	S	16 10 06.5 -3.6
KRSR	Krestovskiy	7.58	31	eP	P	16 08 48.1 +0.4
KLY	Klyuchi	7.69	31	iP	P	16 08 49.1 +2.0
KLY				eS	S	16 10 10.6 -2.4
YSS	Yuzh-Sakhalins	7.77	252	iPN	S	16 08 51.0 +2.8
YSS				smax	smax	
YSS	comp=Z,70nm,1.1s				smax	
YSS	comp=N,60nm,1.0s				smax	
YSS	comp=E,60nm,1.0s				smax	
YSS	Yuzh-Sakhalins	7.77	252	ePN	P	16 08 49.7 +1.5
YSS				eS	S	16 08 48.5 -1.3
YUK	Yuzh-Kuril'sk	7.90	225	iPN	S	16 10 14.9 -3.1
YUK				smax	smax	
YUK	comp=Z,3um,0.4s				smax	
YUK	comp=N,380nm,0.5s				smax	
YUK	comp=E,2um,0.5s				smax	
YUK	comp=N,1um,0.5s				smax	
YUK	comp=E,3um,0.5s				smax	
YUK	comp=Z,5um,0.5s				smax	
YUK	comp=N,550nm,0.5s				smax	
YUK	comp=E,550nm,0.5s				smax	
YUK	Yuzh-Kuril'sk	7.90	225	iP	P	16 08 48.5 -1.3
YUK				AMB	AMB	16 08 50.0
YUK	comp=E,1um,1.0s				AMB	16 08 50.0
YUK	comp=E,3um,1.0s				AMB	16 08 50.0
YUK	comp=E,5um,1.0s				AMB	16 08 50.0
YUK	comp=E,380nm,0.5s				AMB	16 08 50.0
YUK	comp=E,2um,0.5s				AMB	16 08 50.0
YUK	comp=E,3um,0.5s				eS	16 10 14.9 -3.1
YUK				A	S	16 10 27.0
ShVLR	Shiveluch	8.09	32	eP	P	16 08 53.8 +1.5
ShVLR				eS	S	16 10 18.5 -3.8
KBG	Krutoberegovo	8.39	37	iP	P	16 08 57.1 +0.9
KBG				eS	S	16 10 25.1 -4.2
KBG				smax	smax	
KBTR	Krutoberegovo	8.40	38	eP	P	16 08 55.1 -1.3
KBTR				eS	S	16 10 22.1 -7.5
JWKZ	Keihoku	9.12	244	eP	P	16 09 10.5 +4.8
ASAJ	Asahikawa	9.47	236	eP	P	16 09 12.4 +2.2
ASAJ	comp=E,68nm,0.3s,baz=70,slow=12,SNR=301					16 10 56.7 +2.4
ASAJ	comp=E,1.4nm,0.3s,baz=231,slow=14,SNR=2.1					16 10 12.4 +2.2
ASAJ	Asahikawa	9.47	236	PN	S	16 09 56.7 +2.4
ASAJ				smax	smax	
JEM	Ermo	10.71	226	eP	P	16 09 23.4 -2.7
JEM				eS	S	16 11 14.5 -8.5
JEW	Eniwo	10.95	234	eP	P	16 09 28.3 -0.8
JEW				eS	S	16 11 31.4 +2.9
GRNR	Gornyy	10.98	281	eP	P	16 09 34.0 +4.5
GRNR				AMB	AMB	16 09 36.0
JSH	Shimam	11.84	237	eP	P	16 09 40.0 -0.3
JOT	Ohata	12.22	230	eP	P	16 09 40.3 -4.8
JOT				eS	S	16 11 45.2 -1.2
TEY	Ternei	12.46	253	eP	P	16 09 49.0 +0.8
TEY				AMB	AMB	16 09 50.5
TEY	comp=Z,170nm,1.0s				AMB	16 09 50.5
TEY	comp=Z,130nm,1.0s				AMB	16 09 50.5
FX1	Attu Island-F	12.59	69	eP	P	16 09 50.5 +0.8
FX1	comp=Z,1.0nm,0.3s,baz=274,slow=3.4,SNR=12					16 09 50.5 +0.7
FX1	Attu Island-F	12.59	69	PN	P	16 09 50.5 +0.7
FX1				smax	smax	
FX1	Attu Island-F	12.59	69	ePN	P	16 09 48.9 -0.8
JTM	Tennabayashi	12.66	229	eP	P	16 09 45.5 -5.2
JTM				eS	S	16 11 56.0 -1.2
EKMR	Ekimchan	13.21	292	eP	P	16 09 58.6 +1.1
EKMR				AMB	AMB	16 10 02.0
EKMR	comp=Z,200nm,0.5s				AMB	16 10 02.0
EKMR	comp=Z,300nm,0.5s				AMB	16 10 02.0
KLR	Kul'dur	14.16	276	eP	P	16 10 10.1 +0.9
JYA	Atsumi	15.03	226	eP	P	16 10 14.8 -5.2
JYA				eS	S	16 12 54.8 -6.0
JMM	Marumori	15.14	222	eP	P	16 10 17.6 -3.8
JMM				eS	S	16 12 55.0 -8.3
BMKR	Bornak	15.81	297	eP	P	16 10 28.1 -1.3
BMKR				AMB	AMB	16 10 29.0
JSD	Sado	16.16	228	eP	P	16 10 31.7 -2.1
YASR	Yasnyy	16.21	292	eP	P	16 10 35.3 +1.1

YASR	comp=Z,10nm,0.4s			AMB	AMB	16 10 36.4
YASR				AMB	AMB	16 10 36.4
ZEA	comp=Z,20nm,0.4s	16.66	293	eP	P	16 10 39.5 0.0
ZEA	Zeya			AMB	AMB	16 10 47.4
JYT	comp=Z,40nm,1.2s	16.78	220	eP	P	16 10 38.6 -2.5
JYT	Yasoto			eS	S	16 13 32.6 -7.0
KROS	Kirovskiy	16.87	296	eP	P	16 10 39.0 -2.9
KROS				AMB	AMB	16 10 40.5
KROS	comp=Z,3.0nm,0.5s				AMB	16 10 40.5
MDJ	Mudanjiang	17.07	261	eP	P	16 10 42.7 -1.6
MDJ				AMB	AMB	16 10 42.7 -1.6
MDJ	comp=Z,129nm,1.1s				AMB	16 10 42.7 -1.6
MAJO	Matsushiro	17.39	225	eP	P	16 10 46.9 -0.8
MAJO	comp=Z,171nm,0.4s					16 10 46.9 -0.8
MAT	Matsushiro	17.39	225	eP	P	16 10 46.8 -0.9
MAT				eS	S	16 13 53.0 +0.6
MAT	Matsushiro	17.39	225	eP	P	16 10 46.9 -0.8
MAT	comp=Z,188nm,0.9s					16 10 47.0 -0.7
MAT				S	S	16 13 53.0 +0.6
JRY	Ryogami san	17.51	223	eP	P	16 10 48.2 -0.8
JRY	Yakutsk	17.90	322	eP	P	16 10 53.2 +0.3
YAK				smax	smax	
YAK	comp=Z,23nm,0.6s	17.90	322	eP	P	16 10 52.8 -0.2
YAK	Yakutsk					16 10 52.8 -0.2
CLNS	comp=Z,38nm,0.8s	18.34	303	eP	P	16 10 57.6 +0.1
CLNS	Chul'man			smax	smax	
CLNS	comp=Z,39nm,0.9s				smax	16 10 57.6 +0.1
CLNS	comp=N,9.0nm,0.7s				smax	
CLNS	comp=Z,24nm,1.0s	18.96	222	eP	P	16 11 03.5 -0.5
JSG	Sagara					16 11 11.0 -0.1
JHUJ	Mitsune	19.65	216	eP	P	16 11 11.0 -0.1
JHUJ	Hachioji jima	19.65	216	eP	P	16 11 11.4 +0.3
JHUJ	comp=Z,15nm,0.3s,baz=232,slow=19,SNR=7.1					16 11 11.1 -0.9
JWT	Wachi	19.74	229	eP	P	16 11 11.1 -0.9
JYE	Ise	19.85	225	eP	P	16 11 13.1 0.0
CN2	Changchun	20.10	263	eP	P	16 11 13.4 -2.1
CN2				AMB	AMB	16 11 13.4 -2.1
JAD	Aida	20.62	231	eP	P	16 11 20.9 +0.1
JAD	Kozaga	21.02	226	eP	P	16 11 25.7 +0.9
JHS	Saijo	21.11	233	eP	P	16 11 26.7 +1.1
JMN	Monobe	21.74	229	eP	P	16 11 34.2 +2.5
KW15	Wonju Array Si	22.24	246	eP	P	16 11 38.6 +2.0
SNY	Shenyang	22.27	260	iP	P	16 11 37.4 +0.6
SNY				AMB	AMB	16 11 37.4 +0.6
JNU	Nakatsue	23.73	233	eP	P	16 11 51.7 +0.9
BOD	Doibaio	24.31	304	eP	P	16 11 54.8 -1.2
BOD						16 12 40.4
TIXI	Tiksi	24.52	341	eP	P	16 11 57.3 -0.5
TIXI				e	e	16 12 44.7
TIXI				smax	smax	
TNA	comp=Z,5.0nm,1.4s,mb4.0	25.27	37	eP	P	16 12 00.5 -4.3
TNA	Tin City					16 12 00.5 -4.3
ANM	Nome	26.02	40	eP	P	16 12 12.2 +0.5
JAM	Amami Oshima	28.18	229	eP	P	16 12 31.5 -0.1
JOW	Kunigami	30.14	229	eP	P	16 12 48.6 -0.3
JOW	comp=Z,3.1nm,0.4s,mb5.3,baz=47,slow=4.8,SNR=9.1					16 12 48.6 -0.3
JULN	Ulaanbaatar	30.14	229	eP	P	16 12 48.6 -0.4
ULN	Ulaanbaatar	30.26	284	eP	P	16 12 48.9 -0.9
ULN	comp=Z,1.5nm,0.6s,mb3.8					16 12 51.1 -0.9
HHC	Hu-ho-hao-te	30.0	269	eP	P	16 13 30.0 -2.6
HHC				AP	PP	16 13 59.6 -1.0
HHC				PP	PP	16 15 45.7 +0.1
HHC				PCP	PCP	16 17 32.7 -3.7
HHC				S	S	
HHC				AMB	AMB	
HHC	comp=Z,22nm,0.6s,mb5.0					
SSE	Sheshan	30.64	244	eP	P	16 12 50.7 -2.5
SSE				AMB	AMB	
SSE	comp=Z,131nm,4.3s	30.69	285	eP	P	16 12 53.0 -0.5
SSE	Sangtuo Array					16 15 45.2 -0.8
SSE	comp=Z,1.0nm,0.4s,mb3.8,baz=78,slow=8.0,SNR=13					16 19 07.5
SSE	comp=Z,1.0nm,0.8s,baz=88,slow=1.5,SNR=3.6					16 12

3d 17h

Table of station data for 3d 17h, including call signs (e.g., OHCM, FCC), station names (e.g., Honcut, Fort Churchill), frequencies, and various technical parameters like power and antenna type.

2004 DEC

Table of station data for 2004 DEC, including call signs (e.g., MIB, MIB), station names (e.g., Mount Ida, Muriabah), frequencies, and various technical parameters.

Table of station data for various time slots (e.g., 0.8nm, 0.5s, baz=312), including call signs (e.g., ASAR, Alice Springs), station names (e.g., Alice Springs, 160.48 226 PKPab), frequencies, and various technical parameters.







Table with columns: CBU, S, S, 20 07 41.5 -0.8, etc. Lists various stations and their coordinates.

Table with columns: JOF, Joensuu, 73.85 333 ep, P, 20 16 42.3 -0.4, etc. Lists stations in Joensuu and other locations.

Table with columns: PKSM, Moragy, 3.84 36 ep, Pn, 20 40 11.6 +1.9, etc. Lists stations in Nicaragua and other locations.

Table with columns: MAT, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MAT Matsushiro, EKMR Ekimchan, HIA comp=Z,3.0nm,0.5s, etc.

CSEM 03 21:00:26.2, 1.2, 38.44N-29.58W, h5km, ML2.7, Error ellipse: s-maj=34.9km s-min=11.2km az=159.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CALA Caldeira, HIA Horta, PICO Pico, etc.

BUI 03 21:28:30.9, 6.52S; 127.71E, h413km, mB4.9, mB4.4 SYO 03 21:28:31.8, 6.57S; 127.38E, h395km, MB4.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BUNI Buntu Taipa, KAKA Kakadu, KAKA NININ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NDI New Delhi, CASY Casey, KSH Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RDF AI-Radifaf, MIB Mutribah, RST Umm Al-Ruwaisa, etc.

CSEM 03 21:33:38.7, 60.87N-4.49E, h15km, After BER BER 03 21:33:38.7, 2.7, 60.87N-4.49E, h15km, 10km, MD2.2,

ML1.8, 4C, Southern Norway

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SUE Sulen, SUE Sulem, SUE Sulem, etc.

NAO 03 21:59:49.2, 7.4, 60.68N-4.74E, h16km, 40km, ML2.6 CSEM 03 21:59:49.2, 0.3, 60.86N-4.62E, h15km, ML3.2/2, Error ellipse: s-maj=8.9km s-min=3.8km az=102.0

BER 03 21:59:49.1, 3.5, 60.87N-4.60E, h15km, 12km, MD2.3, ML2.0, ML2.6(NAO)

ISC 03 21:59:48.9, 1.2, 60.85N-0.03, 4.5E, 0.2, h12km, 6km, n18

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SUE Sulen, SUE Sulem, SUE Sulem, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like RUND Rundenannen, BERG Bergen, FOO Floro, HYA Hoyanger, etc.

Table with columns: PCP, Plan Castagno, STOF, St-Etienne Org, LSD, Ceresole Reale, etc. Includes stations like Plan Castagno, St-Etienne Org, Ceresole Reale, etc.

Table with columns: BAIF, Baives, ERTA, Horta de San J, etc. Includes stations like Baives, Horta de San J, SJPFF, etc.

ROM 03 22:28:59.1±0.4, 44.35N±7.34E, h20km, 3km, MD3.1/3, ML2.3/3, Error ellipse: s-maj=4.0km s-min=3.2km az=90.0

GRAM GRAM, VALM VALM, etc. Includes stations like GRAM, VALM, PIQGIOLA, etc.

CSEM 03 22:29:43.7±0.2, 42.61N±46.74E, h60km, 2km, mb3.5/3, Error ellipse: s-maj=6.4km s-min=3.5km az=141.0

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Anna di Valdie, Anna di Valdie, Sta Anna Valdi, etc.

Table with columns: LBL, LBL, PLDF, La Plantade, SMF, Signal de Mont, etc. Includes stations like La Plantade, Signal de Mont, Petit Puy Mans, etc.

Table with columns: DGRG, David-gareji, DUS, Dushel, MTA, etc. Includes stations like David-gareji, Dushel, MTA, etc.







PDG 04 02:16:07.8-0.1, 42.74N:15.06E, h11km, 2km  
 IDC 04 02:16:09.6-0.8, 43.16N:15.33E, mb4.1/9, mb1 4.2/21,  
 mb1mx4.1/30, ML3.9/10, MS3.1/2, Ms1 3.2/2, ms1mx2.7/32,  
 Error ellipse: s-maj=16.4km s-min=11.2km az=73.0  
 MOS 04 02:16:09.1-0.7, 43.13N:15.30E, h9km, mb4.4/4, Error  
 ellipse: s-maj=15.2km s-min=4.7km az=90.7  
 PRU 04 02:16:09.7, 43.08N:15.82E  
 CSEM 04 02:16:10.2-0.0, 43.13N:15.52E, h10km, mb4.2/1,  
 ML4.1/11, Error ellipse: s-maj=1.0km s-min=0.9km  
 az=37.0  
 ROM 04 02:16:11.3-0.2, 43.08N:15.46E, h10km, MD3.7/43, ML3.8,  
 Error ellipse: s-maj=2.5km s-min=1.7km az=90.0  
 LDG 04 02:16:11.4-0.1, 43.19N:15.48E, h10km, M4.1/18, Error  
 ellipse: s-maj=3.6km s-min=2.7km az=81.0  
 ZUR\_RM 04 02:16:11, 43.08N:15.46E, h6km, Mw3.8/20, Moment  
 Tensor Solution. s20 Moment tensor: Scale 10<sup>14</sup>Nm;  
 Mn=4.3; Mm=5.50; Ml=1.46; Ml=1.44; Ml=1.57; Mm=2.00;  
 Mm=2.00; Mm=2.00; Ml=1.46; Ml=1.44; Ml=1.57; Mm=2.00;  
 NP2: 257; 83; 150; Principal axes: T: 5.155, P: 6.02;  
 Azm84: N 1.019, P: 6.174, P: 6.174, P: 6.174,  
 Azm194:

NEIC 04 02:16:11.3, 43.08N:15.46E, h10km, mb4.5/2,  
 ML4.4(PDG), ML4.1(LDG), ML3.8(ROM), After ROM.  
 STR 04 02:16:18.4-0.2, 43.47N:14.84E, h10km, M1.1, Error  
 ellipse: s-maj=0.0km s-min=0.0km az=1.0  
 ISC 04 02:16:09.6-0.1, 43.15N:15.39E, 0.01, h10km, n354,  
 #141/456, mb4.2/11, MS3.2/1, 24C-13D, Adriatic Sea

Code	Station Name	Δ°	Δ'	ISC	ISC	Time	Res
TERO	Teramo	1.41	249	i/PN	Pn	02 16 36.7 +1.2	
TERO	Teramo	1.41	249	i/PN	Pn	02 16 36.7 +1.2	
NVLJ	Novaja	1.46	345	i/Pn	Pn	02 16 36.8 +0.7	
NVLJ	Novaja	1.46	345	i/Pn	Sg	02 16 36.8 +0.7	
NVLJ	Novaja	1.46	345	i/Pn	Sg	02 16 36.8 +0.7	
RGNG	Rignano Grg	1.48	174	e/PN	Pn	02 16 36.3 -0.2	
RGNG	Rignano Grg	1.48	174	e/PN	Pn	02 16 36.3 -0.2	
FGMS	Monte Sant'Ang	1.50	164	e/PN	Pn	02 16 36.7 -0.1	
FGMS	Monte Sant'Ang	1.50	164	e/PN	Pn	02 16 36.7 -0.1	
INTR	Introdacqua	1.58	224	i/PN	Pn	02 16 38.2 +0.4	
INTR	Introdacqua	1.58	224	i/PN	Pn	02 16 38.2 +0.4	
CING	Cingoli	1.62	279	e/PN	Pn	02 16 39.9 +1.5	
CING	Cingoli	1.62	279	e/PN	Pn	02 16 39.9 +1.5	
CII	Carovilli	1.64	210	e/PN	Pn	02 16 39.2 +0.5	
CII	Carovilli	1.64	210	e/PN	Pn	02 16 39.2 +0.5	
CII	Carovilli	1.64	210	e/PN	Pn	02 16 39.2 +0.5	
AQU	L'Aquila	1.67	242	e/PN	Pn	02 16 40.3 +1.2	
AQU	L'Aquila	1.67	242	e/PN	Pn	02 16 40.3 +1.2	
AQU	L'Aquila	1.67	242	e/PN	Pn	02 16 40.3 +1.2	
AQU	L'Aquila	1.67	242	e/PN	Pn	02 16 40.3 +1.2	
STON	Ston	1.72	99	i/Pn	Pn	02 16 40.5 +0.7	
STON	Ston	1.72	99	i/Pn	Sg	02 17 03.6 -3.3	
STON	Ston	1.72	99	i/Pn	Sg	02 17 03.6 -3.3	
STON	Ston	1.72	99	i/Pn	Sg	02 17 03.6 -3.3	
SNTG	Esanatoglia	1.79	274	e/PN	Pn	02 16 42.3 +1.4	
SNTG	Esanatoglia	1.79	274	e/PN	Pn	02 16 42.3 +1.4	
SNTG	Esanatoglia	1.79	274	e/PN	Pn	02 16 42.3 +1.4	
ARV	Arcevia	1.82	282	i/PN	Pn	02 16 42.7 +1.4	
ARV	Arcevia	1.82	282	i/PN	Pn	02 16 42.7 +1.4	
PTOR	Petraquaria	1.85	233	e/PN	Pn	02 16 42.6 +0.9	
PTOR	Petraquaria	1.85	233	e/PN	Pn	02 16 42.6 +0.9	
PTOR	Petraquaria	1.85	233	e/PN	Pn	02 16 42.6 +0.9	
SDI	San Donato	1.85	220	e/PN	Pn	02 16 42.0 +0.2	
SDI	San Donato	1.85	220	e/PN	Pn	02 16 42.0 +0.2	
FG5	Orsara di Pugl	1.87	183	e/PN	Pn	02 16 42.0 0.0	
FG5	Orsara di Pugl	1.87	183	e/PN	Pn	02 16 42.0 0.0	
SGG	Gregorio Mates	1.92	203	e/PN	Pn	02 16 42.7 0.0	
SGG	Gregorio Mates	1.92	203	e/PN	Pn	02 16 42.7 0.0	
IPES	Pescosannita	1.96	192	e/PN	Pn	02 16 43.3 0.0	
IPES	Pescosannita	1.96	192	e/PN	Pn	02 16 43.3 0.0	
FSSB	Fossombrone	1.98	287	e/PN	Pn	02 16 45.1 +1.6	
FSSB	Fossombrone	1.98	287	e/PN	Pn	02 16 45.1 +1.6	
FG4	Candela	2.02	177	e/PN	Pn	02 16 43.9 -0.3	
FG4	Candela	2.02	177	e/PN	Pn	02 16 43.9 -0.3	
FG4	Candela	2.02	177	e/PN	Pn	02 16 43.9 -0.3	
MRB1	Monte Rocchett	2.05	189	e/PN	Pn	02 16 47.3 +0.1	
BLV	Banja Luka	2.06	39	Pn	Sg	02 16 47.3 +2.6	
BLV	Banja Luka	2.06	39	Pn	Sg	02 16 47.3 +2.6	
MURB	Monte Urbino	2.10	274	i/PN	Pn	02 16 47.0 +1.8	
MURB	Monte Urbino	2.10	274	i/PN	Pn	02 16 47.0 +1.8	
RFI	Roccamontina	2.12	210	e/PN	Pn	02 16 46.3 +0.7	
RFI	Roccamontina	2.12	210	e/PN	Pn	02 16 46.3 +0.7	
MNS	Montasola	2.13	250	e/PN	Pn	02 16 47.1 +1.3	
MNS	Montasola	2.13	250	e/PN	Pn	02 16 47.1 +1.3	
MNS	Montasola	2.13	250	e/PN	Pn	02 16 47.1 +1.3	
CERT	Cerreto	2.15	237	e/PN	Pn	02 16 46.7 +0.7	
CERT	Cerreto	2.15	237	e/PN	Pn	02 16 46.7 +0.7	
TREB	Trebjine	2.22	200	e/PN	Pn	02 16 47.7 +0.7	
TREB	Trebjine	2.22	200	e/PN	Pn	02 16 47.7 +0.7	
MSC	Monte Massico	2.22	209	e/PN	Pn	02 16 48.6 +1.5	
MSC	Monte Massico	2.22	209	e/PN	Pn	02 16 48.6 +1.5	
RSM	Repubblica di	2.27	291	e/PN	Pn	02 16 49.7 +1.9	
RSM	Repubblica di	2.27	291	e/PN	Pn	02 16 49.7 +1.9	
BRY	Bratogost	2.33	95	i/PN	Pn	02 16 50.0 +1.4	
BOUS	Bojanci	2.35	358	i/PN	Pn	02 16 51.3 +2.4	
HCY	Herceg Novi	2.40	106	i/PN	Pn	02 16 50.9 +1.6	
SISC	Sisak	2.42	17	i/Pn	Sg	02 16 52.2 +2.3	
SISC	Sisak	2.42	17	i/Pn	Sg	02 16 52.2 +2.3	
SISC	Sisak	2.42	17	i/Pn	Sg	02 16 52.2 +2.3	
SISC	Sisak	2.42	17	i/Pn	Sg	02 16 52.2 +2.3	
CRE	Knežji Dol	2.48	343	i/PN	Pn	02 16 53.9 +2.0	
CRE	Caprese Michel	2.55	282	e/PN	Pn	02 16 53.9 +2.2	
CRE	Caprese Michel	2.55	282	e/PN	Pn	02 16 53.9 +2.2	
UPM	Unac-Piva	2.58	88	i/PN	Pn	02 16 54.6 +2.4	
UPM	Unac-Piva	2.58	88	i/PN	Pn	02 16 54.6 +2.4	
SGO	Sicignano	2.59	181	e/PN	Pn	02 16 51.5 -0.8	
SGO	Sicignano	2.59	181	e/PN	Pn	02 16 51.5 -0.8	
CEY	Cerkinca	2.68	345	i/Pn	Pn	02 16 55.3 +1.8	
VISS	Visnà	2.68	352	i/PN	Pn	02 16 55.5 +2.0	
SFI	Santa Sofia	2.68	287	e/PN	Pn	02 16 55.5 +1.9	
SFI	Santa Sofia	2.68	287	e/PN	Pn	02 16 55.5 +1.9	
SFI	Santa Sofia	2.68	287	e/PN	Pn	02 16 55.5 +1.9	
GCIS	Gornji Cirknik	2.72	4	i/Pn	Pn	02 16 56.2 +2.0	
BUM	Brajići-Budva	2.72	107	i/PN	Pn	02 16 54.8 +0.5	
BUM	Brajići-Budva	2.72	107	i/PN	Pn	02 16 54.8 +0.5	
PGD	Poggio Sodo	2.76	286	e/PN	Pn	02 16 57.3 +2.5	
PGD	Poggio Sodo	2.76	286	e/PN	Pn	02 16 57.3 +2.5	
PGD	Poggio Sodo	2.76	286	e/PN	Pn	02 16 57.3 +2.5	
LTRZ	Laterza	2.76	157	e/PN	Pn	02 16 53.8 -1.0	
LTRZ	Laterza	2.76	157	e/PN	Pn	02 16 53.8 -1.0	
LTRZ	Laterza	2.76	157	e/PN	Pn	02 16 53.8 -1.0	
SLCN	Sala Consilina	2.77	176	e/PN	Pn	02 16 53.7 -1.1	
SLCN	Sala Consilina	2.77	176	e/PN	Pn	02 16 53.7 -1.2	
SLCN	Sala Consilina	2.77	176	e/PN	Pn	02 16 53.7 -1.1	
KNDI	Križevci	2.81	336	e/PN	Pn	02 16 56.9 +1.5	

TRI	Trieste	2.81	336	e/Pn	Pn	02 16 56.9 +1.5	
TRI	Trieste	2.81	336	e/Pn	Pn	02 16 56.9 +1.5	
VMG	Vicchio	2.91	287	e/Pn	Pn	02 16 59.5 +2.6	
VMG	Vicchio	2.91	287	e/Pn	Pn	02 16 59.5 +2.6	
PLE	Piljevia	2.93	85	i/PN	Pn	02 16 59.5 +2.3	
PLE	Piljevia	2.93	85	i/PN	Pn	02 16 59.5 +2.3	
TTG	Podgorica	2.94	103	i/PN	Pn	02 16 58.0 +0.6	
ITG	Ljubljana	2.96	348	e/PN	Pn	02 17 36.5 +3.5	
LJU	Ljubljana	2.96	348	e/PN	Pn	02 17 36.5 +3.5	
CSNT	Castellina Chi	3.01	278	e/PN	Pn	02 16 59.2 +1.0	
CSNT	Castellina Chi	3.01	278	e/PN	Pn	02 16 59.2 +1.0	
MGR	Morigerati	3.02	178	e/PN	Pn	02 16 57.8 -0.6	
MGR	Morigerati	3.02	178	e/PN	Pn	02 16 57.8 -0.6	
MGR	Morigerati	3.02	178	e/PN	Pn	02 16 57.8 -0.6	
SEI	Scarperia	3.06	288	e/Pn	Pn	02 17 01.5 +2.4	
VOY	Vojsko	3.07	340	e/Pn	Pn	02 17 00.7 +1.5	
VOY	Vojsko	3.07	340	e/Pn	Pn	02 17 00.7 +1.5	
ULC	Ulcinj	3.09	111	i/PN	Pn	02 16 59.3 -0.2	
ULC	Ulcinj	3.09	111	i/PN	Pn	02 16 59.3 -0.2	
NVSS	Nova Varos 2	3.17	82	i/PN	Pn	02 17 38.6 +1.7	
NVSS	Nova Varos 2	3.17	82	i/PN	Pn	02 17 38.6 +1.7	
NVSS	Nova Varos 2	3.17	82	i/PN	Pn	02 17 38.6 +1.7	
ORI	Oriolo Calabro	3.19	165	e/PN	Pn	02 17 00.8 0.0	
ORI	Oriolo Calabro	3.19	165	e/PN	Pn	02 17 00.8 0.0	
GRFL	Gerfalco	3.23	271	e/PN	Pn	02 17 02.1 +0.7	
GRFL	Gerfalco	3.23	271	e/PN	Pn	02 17 02.1 +0.7	
FVND	Fontana Vidola	3.26	290	e/PN	Pn	02 17 04.4 +2.6	
FVND	Fontana Vidola	3.26	290	e/PN	Pn	02 17 04.4 +2.6	
OBKA	Obir	3.41	350	i/PN	Pn	02 17 04.5 +1.8	
OBKA	Obir	3.41	350	i/PN	Pn	02 17 04.5 +1.8	
ZCCA	Zocca	3.41	292	e/PN	Pn	02 17 06.8 +2.8	
ZCCA	Zocca	3.41	292	e/PN	Pn	02 17 06.8 +2.8	
DIVS	Divicibare	3.48	73	i/PN	Pn	02 17 04.3 -0.6	
DIVS	Divicibare	3.48	73	i/PN	Pn	02 17 04.3 -0.6	
DIVS	Divicibare	3.48	73	i/PN	Pn	02 17 04.3 -0.6	
RHK1	Bakonya	3.51	321	e/S	Pn	02 17 05.8 +0.4	
RHK1	Bakonya	3.51	321	e/S	Pn	02 17 05.8 +0.4	
PTCC	Patocco-Chiusa	3.56	337	e/PN	Pn	02 17 07.2 +1.0	
PTCC	Patocco-Chiusa	3.56	337	e/PN	Pn	02 17 07.2 +1.0	
PIS	Pisa	3.59	281	e/PN	Pn	02 17 07.2 +0.8	
PIS	Pisa	3.59	281	e/PN	Pn	02 17 07.2 +0.8	
BDI	Bagni Di Lucca	3.59	286	e/PN	Pn	02 17 07.1 +0.5	
BDI	Bagni Di Lucca	3.59	286	e/PN	Pn	02 17 07.1 +0.5	
GSCI	Guscioia	3.68	291	e/PN	Pn	02 17 10.0 +2.2	
GSCI	Guscioia	3.68	291	e/PN	Pn	02 17 10.0 +2.2	
GSCH	Gafa e Shtames	3.73	114	i/SN	Pn	02 17 51.0 -1.9	
VLC	Villacollemand	3.77	287	e/PN	Pn	02 17 09.7 +0.7	
VLC	Villacollemand	3.77	287	e/PN	Pn	02 17 09.7 +0.7	
ERLM	Eremo	3.82	291	e/PN	Pn	02 17 12.0 +2.3	
ERLM	Eremo	3.82	291	e/PN	Pn	02 17 12.0 +2.3	
PKSM	Moragy	3.84	361	e/PN	Pn	02 17 10.3 +2.2	
PKSM	Moragy	3.84	361	e/PN	Pn	02 17 10.3 +2.2	
FVI	Forni Avoltri	3.91	333	e/PN	Pn	02 17 11.9 +0.8	
FVI	Forni Avoltri	3.91	333	e/PN	Pn	02 17 11.9 +0.8	
CTI	Castel Tesino	3.94	319	e/PN	Pn	02	



Table of astronomical observations for 4d 4h, listing station names, coordinates, and observation details.

Table of astronomical observations for DBIC Dimbokro, listing station names, coordinates, and observation details.

TIF 04 03:42:04.9, 42.03N:45.96E, h14km, Mpv3.4

MOS 04 03:42:08.8, 1.6, 42.18N:45.87E, h17km, mb4.1/1, 5C-4D, Error ellipse: s-maj=31.7km s-min=13.4km az=53.0.

Table of astronomical observations for Eastern Caucasus, listing station names, coordinates, and observation details.

NEIC 04 03:48:06.3, 0.3, 1.02N:126.44E, h10km, mb4.78, Error ellipse: s-maj=16.8km s-min=5.3km az=70.0.

ICC 04 03:48:13.4, 3.2, 0.88N:126.35E, h63km, 28km, mb4.2/14, mb1 4.3/15, mb1mx4.2/20, ML4.1/1, Error ellipse: s-maj=27.1km s-min=9.3km az=73.0.

ISC 04 03:48:07.8, 0.4, 0.98N:107.126.3E, 0.1, h33km, n40, s096/39, mb4.6/24, Northern Molucca Sea

Table of astronomical observations for KAKA Kakadu, listing station names, coordinates, and observation details.

Table of astronomical observations for ILAR Eielson Array, listing station names, coordinates, and observation details.

ICC 04 04:28:45.0, 0.9, 17.47S:172.91W, mb4.0/8, mb1 1.2/8, mb1mx4.0/17, Error ellipse: s-maj=43.6km s-min=14.8km az=131.0.

ISC 04 04:28:48.2, 0.8, 17.55S:0.2, 173.0W, 0.2, h33km, n10, s0516/8, mb3.9, Tonga Islands

Table of astronomical observations for Code Station Name, listing station names, coordinates, and observation details.

ICC 04 04:38:28.3, 1.3, 30.65N:138.22E, h33km, 75km, mb3.1/5, mb1 3.3/6, mb1mx3.0/22, Error ellipse: s-maj=167.0km s-min=14.0km az=68.0.

JMA 04 04:38:43.1, 0.3, 31.21N:139.42E, h42km, M3.6

ICC 04 04:39:17.0, 6.30, 30.9N:0.1, 139.4E, 0.5, h415km, 22km, n12, s098/18, mb3.2/5, Southeast of Honshu

Table of astronomical observations for Code Station Name, listing station names, coordinates, and observation details.

CNRM 04 04:49:50.9, 35.06N:2.56W, h23km, MD3.5

CSEM 04 04:49:51.5, 0.1, 34.97N:2.85W, h10km, ML2.9/2, Error ellipse: s-maj=2.1km s-min=2.6km az=93.0.

NEIC 04 04:49:53.6, 34.98N:3.06W, MG3.9(MDD), After MDD. MDD 04 04:49:53.6, 1.2, 34.99N:3.05W, mb3.9/14, Error ellipse: s-maj=12.5km s-min=5.4km az=144.0, PRXIMO Aftershock/PLICA

INMG 04 04:49:54.3, 1.3, 35.03N:2.96W, h14km, 5km, ML2.2, Error ellipse: s-maj=8.9km s-min=6.2km az=121.0.

ISC 04 04:49:52.9, 0.6, 35.00N:0.3, 0.01W, 0.05, h21km, 4km, n60, s123/84, 2C-3D, Strait of Gibraltar

Table of astronomical observations for Code Station Name, listing station names, coordinates, and observation details.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Keuruu, Sumiainen, Kangasniemi, Norrtälje, Eskilstuna, Fines Array S, etc.

ICD 04 05:39:10.0, 3.0, 35.93N, 10.76E, mb3.7/3, mb1 3.8/8, mb1mx3.6/23, ML3.8/5, MS2.9/1, Ms1 2.9/1, ms1mx2.5/25, Error ellipse: s-maj=75.0km s-min=32.3km az=2.0

TUN 04 05:39:12.0, 2.6, 40.9N, 11.41E, h10km, MD3.7, ROM 04 05:39:13.0, 2.3, 36.51N, 11.04E, h10km, MD3.05, ML3.3/3, Error ellipse: s-maj=16.0km s-min=13.5km az=90.0

NEIC 04 05:39:13.0, 36.51N, 11.04E, h10km, MD3.0(ROM), After ROM. CSEM 04 05:39:14.0, 2.6, 44N, 11.18E, h10km, MD3.7, Error ellipse: s-maj=9.5km s-min=3.9km az=160.0

ISC 04 05:39:13.6, 1.4, 36.41N, 10.11E, 24E, 0.05, h13km, 9km, n31, c1989/35, mb3.7/3, Tunisia

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

LDG 04 05:49:58.8, 0.4, 46.09N, 2.60E, h2km, Md1.9/2, M1.1/77, Error ellipse: s-maj=0.9km s-min=0.7km az=128.0

STR 04 05:50:00.6, 0.4, 46.07N, 2.61E, h2km, 1km, M1.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 04 05:49:57.5, 0.4, 46.10N, 0.02, 2.57E, 0.04, h13km, 5km, n13, c1906/25, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Toulx Ste Croi, Agosin, Bois d'Angland, etc.

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

NEIC 04 06:01:49.4, 8.4, 0.51N, 126.67E, h34km, 63km, mb4.6/5, Error ellipse: s-maj=24.9km s-min=15.5km az=76.0

ISC 04 06:01:50.8, 2.2, 0.39N, 126.55E, h47km, 19km, mb3.9/8, mb1 4.0/9, mb1mx3.9/18, ML4.0/1, Error ellipse: s-maj=43.1km s-min=19.0km az=70.0

ISC 04 06:01:43.8, 2.7, 0.61N, 0.08, 126.9E, 0.2, h9km, 16km, n19, c0932/22, mb4.3/13, 2D, Northern Molucca Sea

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

ICD 04 06:29:01.9, 1.6, 3.62S, 136.64E, mb3.7/3, mb1 4.1/5, mb1mx4.0/12, ML3.8/2, Error ellipse: s-maj=75.3km s-min=27.4km az=98.0

ISC 04 06:28:58.9, 1.2, 3.94S, 0.08, 136.8E, 0.3, n8, c1918/10, mb3.6/2, 1D, Iran Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Warramunga Arr, WB2, etc.

ICD 04 06:35:55.0, 13.0, 1.15S, 166.77E, mb3.9/5, mb1 4.1/5, mb1mx3.8/16, MS3.3/3, Ms1 3.3/3, ms1mx3.0/23, Error ellipse: s-maj=215.0km s-min=100.0km az=66.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Charters Tower, CTA, etc.

ICD 04 06:44:49.8, 6.8, 22.20S, 176.74W, h234km, 65km, mb3.7/10, mb1 1.3/9/11, mb1mx3.8/17, MS3.6/1, Ms1 3.6/1, ms1mx2.8/25, Error ellipse: s-maj=41.0km s-min=20.0km az=164.0

NEIC 04 06:44:50.9, 1.3, 22.28S, 176.71W, h248km, 13km, mb4.2/5, Error ellipse: s-maj=17.5km s-min=7.6km az=144.0

ISC 04 06:44:49.0, 1.9, 22.36S, 0.09, 176.7W, 0.1, h243km, 20km, n26, c0566/22, mb3.8/11, South of Fiji Islands

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

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

JMA 04 07:01:48.4, 0.1, 26.47N, 141.60E, h108km, M4.0, Bonin Islands region

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

MAN 04 07:44:00.6, 17.46N, 121.17E, h8km, mb3.9, ML2.7, MS2.3, Luzon

STR 04 07:52:08.0, 1.2, 48.04N, 8.07E, h10km, 1km, M1.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 04 07:52:08.7, 0.2, 48.08N, 7.94E, h15km, Md1.8/1, M12.2/4, Error ellipse: s-maj=4.1km s-min=3.8km az=105.0, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Welschbruch, Echery, Champ du Feu, etc.

NIED 04 07:53:00.32, 90N, 141.90E, h32km, Mw4.5, Best double couple: M6.13x1015 NP1.9x264, s84, 127. NP2.6x1016, s38, 19.9

ICD 04 07:53:07.6, 0.6, 32.87N, 141.95E, mb4.0/16, mb1 4.2/18, mb1mx4.2/23, ML4.3/2, MS3.9/5, Ms1 4.0/5, ms1mx3.6/24, Error ellipse: s-maj=17.4km s-min=14.4km az=93.0

NEIC 04 07:53:09.4, 0.2, 32.86N, 141.94E, h10km, mb4.7/9, MW4.5(NIED), Error ellipse: s-maj=10.4km s-min=7.5km az=67.0

MOS 04 07:53:10.9, 1.2, 32.81N, 142.12E, h41km, mb4.7/11, MS4.2/7, Error ellipse: s-maj=22.0km s-min=18.8km az=118.1

BUI 04 07:53:11.7, 32.98N, 141.13E, h10km, mb5.2, mb4.6, Ms4.6, MS4.3

JMA 04 07:53:11.1, 0.5, 32.96N, 141.89E, h31km, M4.0

ISC 04 07:53:07.8, 1.5, 32.81N, 0.04, 141.97E, 0.06, h15km, 10km, n87, c1914/90, mb4.3/33, MS4.2/13, 1C-3D, Southeast of Honshu

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









4d 10h

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like SOC, KVT, ENIN, BNN, KIV, etc.

2004 DEC

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like NOA, KURK, ARCES, ZAL, EKA, etc.

96

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like REAL, EQES, CNIL, etc.



4d 10h

Table with columns for station ID, frequency, power, and other technical details. Includes stations like MOX, IBBN, NKC, GUNZ, DMUB, WERD, CLZ, LKD, PRA, PK9S, etc.

2004 DEC

Table with columns for station ID, frequency, power, and other technical details. Includes stations like CRVS, ANOYA, MUD, MUD, MUD, MUD, MUD, etc.

Table with columns for station ID, frequency, power, and other technical details. Includes stations like SOC, SOC, SOC, SOC, SOC, SOC, etc.







Table with columns: ELOJ, Sierra Loja, 2.27 339 P, Pn, 11 52 45.6 +1.9, etc.

Table with columns: ODJA, Bouhanifia, 2.35 80 P, Pn, 12 10 21.0 +8.2, etc.

Table with columns: ELUO, 11nm,0.3s,SNR=5.0, S, Sn, 12 13 13.6 -0.6, etc.

IDC 04 11:55:48.9.1.5, 13.80N:96.58E, mb3.6/4, mb1 3.8/5, mb1mx3.5/18, ML3.7/1, Error ellipse: s-maj=59.6km s-min=22.7km az=61.0

NEIC 04 11:55:50.2/0.9, 13.83N:96.56E, h10km, mb3.9/2, Error ellipse: s-maj=27.0km s-min=13.7km az=67.0

ISC 04 11:55:51.9.1.1, 13.9N:0.1, 96.7E:0.2, h33km, n7, 0#66/7, mb3.7/6, Andaman Islands region

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

NEIC 04 12:05:17.5.4.6, 14S:149.81E, h123km, 20km, mb4.1/2, Error ellipse: s-maj=56.8km s-min=17.8km az=120.0

IDC 04 12:05:18.4.3.7, 6.01S:149.53E, h124km, 32km, mb3.5/6, mb1 3.7/7, mb1mx3.6/15, Error ellipse: s-maj=60.5km s-min=25.6km az=119.0

ISC 04 12:05:17.0.3.1, 6.05D:0.3, 149.6E:0.4, h127km, 26km, n10, 0#78/11, mb3.6/5, ID, New Britain region

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

CSEM 04 12:11:51.6:0.2, 34.79N:2.97W, h15km, MD3.6, Error ellipse: s-maj=6.6km s-min=4.0km az=107.0

CNRM 04 12:11:53.4, 34.82N:2.97W, h19km, MD3.6, Error ellipse: s-maj=5.9, 34.93N:3.02W, MG3.8(MDD), After MDD.

NEIC 04 12:11:55.1:1.5, 34.93N:3.00W, h0km, 9km, mb3.8/9, Error ellipse: s-maj=18.9km s-min=9.2km az=106.0, PRXIMO Aftershock PLIC4

ISC 04 12:11:52.8:0.8, 34.84N:0.03, 2.92W:0.06, h21km, 5km, n32, 0#132/51, Morocco

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

CNRM 04 12:09:35.4, 34.97N:3.05W, MG4.0(MDD), After MDD. MDD 04 12:09:35.4:1.2, 34.97N:3.03W, mb4.1/1/2, Error ellipse: s-maj=11.0km s-min=5.5km az=142.0, PRXIMO Aftershock PLIC4

INMG 04 12:09:35.7:1.0, 35.01N:2.78W, h15km, 3km, ML2.7, Error ellipse: s-maj=6.2km s-min=4.7km az=118.0

CSEM 04 12:09:35.6:0.3, 34.96N:2.93W, h40km, MD3.9, Error ellipse: s-maj=7.6km s-min=4.0km az=108.0

ISC 04 12:09:35.0:0.6, 34.97N:0.03, 2.98W:0.05, h26km, 4km, n52, 0#151/88, 2C-3D, Morocco

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

IDC 04 12:22:15.7:1.2, 30.15N:139.17E, h399km, 15km, mb3.9/11, mb1 3.4/4, mb1mx3.2/26, Error ellipse: s-maj=31.9km s-min=11.5km az=78.0

NEIC 04 12:22:15.8:0.7, 30.15N:139.13E, h400km, 9km, mb4.0/6, Error ellipse: s-maj=24.3km s-min=7.3km az=79.0

JMA 04 12:22:15.1:0.1, 30.15N:139.53E, h417km, M4.0

ISC 04 12:22:14.7:0.4, 30.09N:0.05, 139.3E:0.1, h410km, 6km, n44, 0#89/56, mb3.8/17, 1C, Southeast of Honshu

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

4d 13h

Table of station data for 4d 13h, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes stations like Toulx Ste Croi, Bois d'Agland, Saint Martin d, and others.

2004 DEC

Main table of station data for 2004 DEC, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes stations like Loginova, Klyuchi, Krestovskiy, and many others.

102

Table of station data for 102, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC. Includes stations like Kedomdong, Mont Dzumac, Port Laguerre, and others.

NEIC 04 13:12:08.8, 40.40S:-176.22E, h25km, ML4.0(WEL), After WEL

WEL 04 13:12:08.4, 0.1, 40.46S:-176.23E, h26km±1km, ML3.9/15, 2C, Error ellipse: s-maj=1.9km s-min=0.9km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Birch Farm, Takapari Road, Mangatainoka R, etc.

CNRM 04 13:16:26.8, 34.98N:-2.51W, h23km, MD4.3

CSEM 04 13:16:27.0, 1.1, 34.88N:-2.88W, h30km, MD4.3, Error ellipse: s-maj=2.8km s-min=2.0km az=102.0

NEIC 04 13:16:28.7, 34.93N:-2.97W, MG4.3(MDD), After MDD

MDD 04 13:16:28.7, 1.0, 34.92N:-2.98W, mb4.3/19, Error ellipse: s-maj=10.1km s-min=6.2km az=129.0, PRXIMO

AftershockPLICA

LDG 04 13:16:29.0, 1.0, 35.06N:-2.71W, h10km, M13.9/1, Error ellipse: s-maj=22.3km s-min=10.7km az=171.0

INMG 04 13:16:30.6, 1.3, 35.03N:-2.92W, h17km±4km, ML2.9, Error ellipse: s-maj=6.8km s-min=6.4km az=90.0

ISC 04 13:16:27.4, 0.5, 34.95N:0.03, 3.05W:0.04, h10km, n80, az=123/116, 1C-SD, Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Zaio, Mellilla, Touzarine, etc.

Table with columns: EADA, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Adamuz, Evia, EMIN, etc.

CNRM 04 13:25:21.9, 34.24N:-2.70W, h3km, MD3.4

CSEM 04 13:25:23.8, 0.2, 34.96N:-2.91W, h13km±1km, mb3.5/7, Error ellipse: s-maj=5.7km s-min=3.8km az=95.0

NEIC 04 13:25:25.6, 34.95N:-2.98W, MG3.5(MDD), After MDD

MDD 04 13:25:25.6, 1.6, 34.95N:3.01W, mb3.5/7, Error ellipse: s-maj=15.8km s-min=7.1km az=125.0, PRXIMO

AftershockPLICA

ISC 04 13:25:24.9, 0.6, 35.00N:0.03, 2.95W:0.06, h10km, n30, az=129/50, Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Zaio, Mellilla, Touzarine, etc.

Table with columns: EQES, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Espera, Marunga Arr, etc.

IDC 04 13:36:20.3, 4.2, 16.44S:-177.38W, mb4.0/4, mb1 4.2/4, s-maj=30.6km az=137.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Stephens Creek, Warramunga Arr, etc.

SYO 04 13:41:12.5, 34.10S:-179.35E, h10km, MB4.9

NEIC 04 13:41:16.9, 4.2, 34.04S:-179.36E, h44km±37km, mb4.8/15, Error ellipse: s-maj=12.9km s-min=10.0km az=162.0

IDC 04 13:41:20.1, 1.6, 1.34, 0.85S:-179.47E, h82km±54km, mb4.2/13, mb1 4.4/14, mb1 mx4.4/17, ML4.9/2, MS4.3/11, Ms1 4.3/11, ms1 mx4.1/18, Error ellipse: s-maj=22.5km s-min=17.5km az=173.0

ISC 04 13:41:14.7, 1.0, 34.20S:0.05, 179.22E:0.06, h37km±8kgm, n100, 1126/96, mb4.7/23, MS4.3/11, 16C-7D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like White Island, Katoona, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HHC, CD2, MDJ, KMI, etc.

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

NIED 04 13:45:00.25, 9.0N, 124.20E, h200km, Mw4.7 Best double couple: M0.135x10^16 NP1=189, delta75, lambda38. NP2: ...

MOS 04 13:45:05.9, 1.1, 26.17N, 124.54E, h33km, mb4.6/17, Error ellipse: s-maj=22.5km s-min=10.5km az=119.6

BUI 04 13:45:18.9, 25.61N, 124.82E, h177km, mb4.9, mb4.7, JCI 04 13:45:23.5, 0.3, 25.95N, 124.23E, h178km, mb4.8/22, mb1.4/0.23, mb1mx4.0/27, Error ellipse: s-maj=13.8km s-min=9.0km az=73.0

NEIC 04 13:45:23.5, 0.3, 26.00N, 124.39E, mb4.4/11, Error ellipse: s-maj=10.3km s-min=7.4km az=60.0

JMA 04 13:45:26.5, 0.3, 25.95N, 124.23E, h176km, M4.7, ISC 04 13:45:24.1, 0.2, 25.91N, 124.38E, 0.03, h198km, 3K, h179km, 5.7km, pP-P, n114, c1912/131, mb4.2/44, 3C, MD

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tarama, Miyako jima, Gushukube, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKI, KKN, DMN, GKN, etc.

LDG 04 14:04:57.8, 0.1, 45.59N, 3.79E, h15km, Md2.2/1, M11.8/7, Error ellipse: s-maj=3.3km s-min=1.5km az=50.0

STR 04 14:04:59.0, 0.2, 45.59N, 3.75E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

LDG 04 14:14:16.8, 0.1, 42.48N, 2.87E, h3km, M12.2/11, Error ellipse: s-maj=2.0km s-min=1.0km az=172.0

MDD 04 14:14:15.2, 0.7, 42.45N, 2.91E, mblg1.7/13, 1C, Error ellipse: s-maj=5.1km s-min=3.5km az=93.0, PRXIMO, Pyrenees

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





4d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MIF Mishifen, ELOJ Sierra Loja, REAL Reales, etc.

2004 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes NEIC 04 15:21:05.0, 34.99N-3.15W, MG3.3(MDD), After MDD, CSEM 04 15:21:04.4, 0.5, 35.01N-2.84W, h25km, MD3.0, Error ellipse: s-maj=11.7km s-min=9.9km az=173.0, CNRM 04 15:21:04.6, 34.94N-2.68W, h14km, MD3.0, MDD 04 15:21:05.6, 1.6, 35.02N-3.17W, mb3.3/7, Error ellipse: s-maj=15.0km s-min=6.2km az=157.0, PRXIMO AftershockPLICA, ISC 04 15:21:05.5, 1.0, 35.09N-0.06, 2.81W±0.06, h27km, 4km, n26, c1924/40, Strait of Gibraltar

106

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes MATI Mati, BUCP Kidadapan, KUPK Kusanap, IPIL Ipil, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, BVAR Borovoye Array, ARCES ARCESS Array B, FINES FINES Array B, CSEM 04 15:40:51.0, 0.1, 34.94N-2.96W, h10km, MD3.1, Error ellipse: s-maj=2.6km s-min=2.4km az=128.0, CNRM 04 15:40:51.1, 34.68N-2.61W, MD3.1, NEIC 04 15:40:53.3, 34.97N-3.08W, MG3.3(MDD), After MDD, MDD 04 15:40:53.4, 1.7, 34.96N-3.09W, h1km, 12km, mb3.3/4, Error ellipse: s-maj=21.3km s-min=10.1km az=119.0, PRXIMO AftershockPLICA, ISC 04 15:40:52.8, 0.8, 34.99N-0.04, 2.93W±0.07, h21km, 5km, n26, c1913/41, Morocco



ellipse: s-maj=4.3km s-min=2.8km az=103.0
NEIC 04 16:18:24.4, 35.04N, 3.11W, MG3.5(MDD), After MDD.
CNIR 04 16:18:24.1, 35.01N, 2.74W, h7km, MD3.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EMEL, EMIJ, EMI, etc. with their respective coordinates and parameters.

IDC 04 16:33:38.7, 0.8, 14.62N, 146.66E, mb3.9/8, mb1 4.0/8,
mb1mx3.9/21, MS3.3/1, Ms1 3.5/1, ms1mx2.6/29, Error
ellipse: s-maj=32.2km s-min=19.7km az=75.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUMG, MAJO, WRA, etc. with their respective coordinates and parameters.

CSEM 04 16:33:53.0, 2.1, 35.13N, 3.27W, h4km, 1km, mb3.1/3,
Error ellipse: s-maj=4.8km s-min=2.5km az=111.0
NEIC 04 16:33:54.8, 35.10N, 3.22W, MG3.1(MDD), After MDD.
MDD 04 16:33:54.8, 2.1, 35.10N, 3.22W, mb3.1/3, Error ellipse:
s-maj=22.5km s-min=7.1km az=171.0, PRXIMO

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EMEL, EMIJ, EMI, etc. with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EMIJ, EMIJ, EQES, etc. with their respective coordinates and parameters.

ISK 04 16:35:00.5, 34.73N, 25.33E, h5km, MD3.5, ML3.6
ATH 04 16:35:13.5, 35.27N, 25.89E, h72km, 9km
CSEM 04 16:35:14.0, 0.1, 35.29N, 26.03E, h40km, MD3.5, Error
ellipse: s-maj=4.0km s-min=3.1km az=165.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NPS, KARP, THRI, etc. with their respective coordinates and parameters.

OTT 04 16:36:41.9, 0.4, 42.23N, 55.66W, h18km, ML3.0/9,
Atlantic Offshore 535km southeast from Louisbourg,
Ns, North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HAL, DRLN, LMN, etc. with their respective coordinates and parameters.

IDC 04 17:06:56.0, 0.8, 17.71N, 146.15E, mb3.6/7, mb1 3.9/7,
mb1mx3.7/20, Error ellipse: s-maj=36.9km
s-min=19.4km az=104.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, FITZ, ASAR, etc. with their respective coordinates and parameters.

NIED 04 17:23:00.45, 10N, 149.16E, h44km, Mw4.0 Best double
couple: M9.95x10^14 NP1.0e5, 87.4, 1.76. NP2.0e229,
82.1, 1.131

MOS 04 17:23:41.2, 3.3, 44.84N, 149.82E, h33km, mb4.0/3, Error
ellipse: s-maj=34.8km s-min=24.8km az=162.8
IDC 04 17:23:47.9, 8.4, 44.78N, 149.74E, h63km, 98km, mb3.4/5,
mb1 3.7/6, mb1mx3.4/22, ML3.6/1, Error ellipse:
s-maj=125.0km s-min=12.7km az=124.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YUK, ASAJ, etc. with their respective coordinates and parameters.

ISC 04 17:23:46.5, 2.1, 44.8N, 0.1, 149.6E, 0.2, h74km, 17km, n20,
o=77/17, mb3.9/7, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUN, KKN, PKI, etc. with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SNA, SNA, SNA, etc. with their respective coordinates and parameters.

MOS 04 17:27:28.5, 2.1, 45.37N, 148.91E, h33km, mb4.4/3, Error
ellipse: s-maj=42.4km s-min=27.0km az=144.1
IDC 04 17:27:30.7, 7.4, 44.83N, 149.31E, h66km, 60km, mb3.5/6,
mb1 3.6/7, mb1mx3.4/22, ML3.6/1, Error ellipse:
s-maj=63.5km s-min=24.6km az=85.0

ISC 04 17:27:23.0, 5.4, 44.8N, 0.2, 149.7E, 0.2, h26km, 36km, n13,
o=73/13, mb3.8/6, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YUK, YUK, YUK, etc. with their respective coordinates and parameters.

ASAR Alice Springs 69.66 195 P 17 38 32.9 +0.6
AKASG Malin Array B 71.78 325 P 17 38 44.9 +0.2
AKASG Malin Array B 71.78 325 P 17 38 44.9 +0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SNA, SNA, SNA, etc. with their respective coordinates and parameters.

NEIC 04 17:40:52.5, 5.8, 38.67N, 138.57E, h23km, 38km, mb4.4/3,
Error ellipse: s-maj=39.3km s-min=12.3km az=65.0
JNC Recorded [2 JMA] in Niigata and [1 JMA] in Gumma
Prefectures. Also recorded [2 JMA] on Sadoga-shima and
[1 JMA] on Hegura-jima.
JMA 04 17:40:53.0, 4.0, 38.57N, 138.23E, h18km, 1km, M4.4
JMA Fell II J1.
IDC 04 17:41:00.8, 4.1, 38.54N, 138.09E, h78km, 49km, mb3.4/3,
mb1 3.8/5, mb1mx3.4/24, ML3.9/2, Error ellipse:
s-maj=44.3km s-min=30.5km az=69.0

NIED 04 17:41:00, 38.50N, 138.20E, h20km, Mw3.9 Best double
couple: M7.09x10^14 NP1.0e232, 87.9, 1.133. NP2:
6.334x10^14, 84.4, 1.16

ISC 04 17:40:52.2, 1.0, 38.65N, 0.05x138.19E, 0.06, h32km, 38km,
n21, 1516/30, mb4.0/6, 4C, Near west coast of eastern
Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JSD, JAW, JAW, etc. with their respective coordinates and parameters.

KS15 Wonju Array S1 8.22 265 ePn P 17 42 54.1 +1.0
KS15 Wonju Array S1 8.22 265 ePn P 17 42 54.1 +1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ARU, WRA, ASAR, etc. with their respective coordinates and parameters.

THR 04 17:41:44.6, 1.2, 32.65N, 148.97E, h28km, 9km, ML2.2
KISR 04 17:41:44.1, 1.0, 32.55N, 149.18E, h72km, 999km, ML2.2
ISC 04 17:41:46.9, 0.2, 32.67N, 0.06x49.0E, 0.1, h28km, n6,
o=81/9, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ASAO, ASAO, ASAO, etc. with their respective coordinates and parameters.

NEIC 04 17:44:53.2, 16.00N, 98.25W, h15km, MD3.7(MEX), After
MEX
MEX 04 17:44:50.6, 0.5, 15.92N, 98.15W, h2km, 7km, MD3.7, Off
coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PNIG, PNIG, PNIG, etc. with their respective coordinates and parameters.





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

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

Code Station Name Azimuth Phase ID Time Res
KNT Kendrikon 2.72 63 ePn Pn 19 37 05.7 -0.5
KOR Khorich 2.77 101 ePn Pn 19 37 06.8 -0.5

Code Station Name Azimuth Phase ID Time Res
DZM Mont Dzumac 10.55 176 eP P 19 45 11.5 +0.3
CTA Charters Tower 20.55 243 eP P 19 47 17.3 +1.1

Code Station Name Azimuth Phase ID Time Res
CTA Charters Tower 20.55 243 eP LR 19 54 08.2
CTAO Charters Tower 20.55 243 eP P 19 47 17.3 +1.1

Code Station Name Azimuth Phase ID Time Res
STKA Stephens Creek 10.33 224 eP P 19 48 48.0 +1.3
STKA Stephens Creek 30.13 224 P P 19 48 48.1 +1.3

Code Station Name Azimuth Phase ID Time Res
WB2 Warramunga Arr 31.27 250 P P 19 48 56.3 -0.7
WRAB Tennant Creek 31.28 250 eP P 19 48 55.9 -1.0

Code Station Name Azimuth Phase ID Time Res
WRA Warramunga Arr 31.27 250 P P 19 48 56.3 -0.7
ASAR Alice Springs 1.94 122 ePb Pn 20 02 24.1

Code Station Name Azimuth Phase ID Time Res
RAR Raratonga 34.53 111 LR LR 20 00 57.0
FITZ Fitzroy Crossi 39.20 255 eP P 19 50 05.0 +0.4

Code Station Name Azimuth Phase ID Time Res
MBWA Marble Bar 44.99 251 eP P 19 50 50.6 -1.5
CMAR Chiang Mai Arr 72.15 294 P P 19 54 02.5 +1.1

Code Station Name Azimuth Phase ID Time Res
ULN Ulanbaatar 78.13 324 P P 19 54 38.7 +1.3
SONM Songina Array 78.88 324 P P 19 54 41.3 +2.0

Code Station Name Azimuth Phase ID Time Res
TLY Talaya 82.35 326 eP P 19 54 57.0 -0.6
YBAR Yreka Blue Hor 84.20 46 P P 19 55 04.2 -0.9

Code Station Name Azimuth Phase ID Time Res
ILRH Yreka Blue Hor 84.20 46 P P 19 55 07.6 +0.3
NVAR Nina Array Bea 86.32 50 P P 19 55 17.7 -0.1

Code Station Name Azimuth Phase ID Time Res
PDAR Pinedale Array 93.86 47 P P 19 55 53.5 +0.3
YKA Yellowknife Arr 95.32 27 P P 19 55 57.6 -1.7

Code Station Name Azimuth Phase ID Time Res
LPAZ La Paz 120.12 116 PKP PKPdf 20 01 28.2 +2.0
WAR 04 20:01:05.4, 51.46Nk, 16.13E, h1km, ML2.7, Mining

Code Station Name Azimuth Phase ID Time Res
KSP Ksiaz 0.66 171 iPG Pn 20 01 16.8 +1.7
KSP Ujice 0.99 184 eSG Pn 20 01 24.8 +0.9

Code Station Name Azimuth Phase ID Time Res
DPC Dobruska-Polom 1.16 174 ePG Pn 20 01 25.7 +0.8
DPC Panska Ves 1.38 226 ePG Pn 20 01 40.4 +1.2

Code Station Name Azimuth Phase ID Time Res
PRU Pruhonice 1.82 214 Pn Pn 20 01 35.4 +0.8
PRU Alice Springs 1.94 122 ePb Pn 20 02 00.2 -2.1

Code Station Name Azimuth Phase ID Time Res
CLL Collim 1.97 266 ePG Pn 20 01 42.0 +0.9
CLL Ostrava-Krasne 2.10 141 ePG Pn 20 01 43.6 -0.2

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

IDC 04 20:05:40.6: 1.1, 3.34N-83.38W, mb4.0/10, mb1.4/21/1, mb1mx4.1/22, MS3.7/5, Ms1.3/7.5, ms1mx3.5/23, Error ellipse: s-maj=37.7km s-min=21.1km az=48.0

NEIC 04 20:05:41.7: 0.6, 3.53N-82.82W, h10km, mb4.5/16, Error ellipse: s-maj=20.1km s-min=8.4km az=222.0

BUI 04 20:05:43.6: 3.50N-82.80W, h10km, mB5.0, Ms5.1, Ms4.7 CASC 04 20:05:44.8: 2.4, 3.70N-82.87W, h36km, 999km, MD4.4, MV4.2, mb4.5(NEIC)

ISC 04 20:05:42.1: 2.1, 3.80N-10.05-82.83W, 0.06, h13km, 13km, n53, c129/44, mb4.2/22, MS4.0/7, 1C-2D, South of Panama

Code Station Name Azimuth Phase ID Time Res
DVD David 4.62 5 Op Pn 20 06 53.4 0.0
CNV Changuinola 5.59 3 eP Pn 20 07 08.4 +1.3

Code Station Name Azimuth Phase ID Time Res
URSC Univ. de Panam 6.07 351 eP Pn 20 07 13.7 -0.1
UPA UPA 6.10 321 eP Pn 20 07 16.7 +2.4

Code Station Name Azimuth Phase ID Time Res
LJAJ Bijagal 6.16 348 eP Pn 20 07 13.5 -1.6
ICR Volcan Irazu 6.22 351 eP Pn 20 07 16.1 +0.1

Code Station Name Azimuth Phase ID Time Res
JTS JuntasAbangare 6.78 342 ePn Pn 20 07 21.1 -2.8
JTS Tortuguero 6.79 353 ePn S 20 08 36.9 -4.9

Code Station Name Azimuth Phase ID Time Res
SDV Santo Domingo 13.13 67 eP Pn 20 08 50.6 -0.6
NNA Nana 16.77 159 eP P 20 09 39.2 +0.6

Code Station Name Azimuth Phase ID Time Res
SJC San Juan 21.66 48 P P 20 10 40.8 +6.2
SJC San Juan 21.66 48 P P 20 10 40.9 +6.3

Code Station Name Azimuth Phase ID Time Res
SAML Samal 23.33 123 eP P 20 10 48.0 -3.2
SAML Disney 24.21 3 P P 20 10 55.1 0.0

Code Station Name Azimuth Phase ID Time Res
LPAZ La Paz 24.69 144 P P 20 11 03.5 -0.9
LPAZ La Paz 24.69 144 eP P 20 11 02.9 -1.6

Code Station Name Azimuth Phase ID Time Res
LVC Limon Verde 29.57 153 P P 20 11 52.6 +3.5
LVC Limon Verde 29.57 153 P P 20 11 51.7 +2.6

Code Station Name Azimuth Phase ID Time Res
ANMO Albuquerque 37.95 328 P P 20 13 02.7 +1.3
ANMO Albuquerque 37.95 328 P P 20 13 02.2 +0.8

Code Station Name Azimuth Phase ID Time Res
BDFB Brasilia 39.50 120 LR LR 20 13 16.8 +1.3
SDCO Great Sand Dun 39.64 331 eP P 20 13 58.8 +0.2

Code Station Name Azimuth Phase ID Time Res
PDAR Pinedale Array 45.91 332 P P 20 14 04.2 +0.9
PDAR Pinedale Array 45.91 332 P P 20 15 04.2 +2.5

Code Station Name Azimuth Phase ID Time Res
HWUT Hardware Ranch 45.80 330 P P 20 14 04.1 +0.2
TPH Tonopah 46.35 322 P P 20 14 07.2 -2.7

Code Station Name Azimuth Phase ID Time Res
NVAR Nina Array Bea 47.23 322 P P 20 14 17.6 +0.6
NVAR Nina Array Bea 47.23 322 P P 20 15 46.4 -2.3

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Berja, Mijas, Sierra Lora, etc.

Code Station Name Azimuth Phase ID Time Res
EQES Queda 1.1m, 0.2s, SNR=6.1 S Sn 20 39 20.0 -2.5
EQES Queda 2.84 359 P Pn 20 38 46.4 -0.7

Code Station Name Azimuth Phase ID Time Res
EADA Adamaz 0.4m, 0.1s, SNR=7.9 S Sn 20 39 32.8 -5.1
EADA Adamaz 0.4m, 0.1s, SNR=7.9 S Sn 20 38 54.1 -1.6

Code Station Name Azimuth Phase ID Time Res
EMIN Mina Concepcio 4.08 315 P Pn 20 39 01.6 -3.1
EMIN Mina Concepcio 4.08 315 P Pn 20 39 01.6 -3.1

Code Station Name Azimuth Phase ID Time Res
ESDC Sonseca Array 4.77 351 P Pn 20 39 12.7 -1.9
ESDC Sonseca Array 4.77 351 P Pn 20 39 12.7 -1.8

Code Station Name Azimuth Phase ID Time Res
EBAD Badajoz 4.97 321 P Pn 20 39 15.1 -2.3
EBAD Badajoz 4.97 321 P Pn 20 39 15.1 -2.3

PRU 04 20:39:29.1, 42.89N-15.52E
ROM 04 20:39:33.0: 0.4, 43.18N-15.48E, h10km, MD3.2/16, ML2.9/9, Error ellipse: s-maj=1.1km s-min=1.9km az=90.0

NEIC 04 20:39:33.5: 43.18N-15.48E, h10km, MD3.2(ROM), ML3.5(LDG), After ROM.
CSEM 04 20:39:37.0: 1.43, 23N-15.41E, h10km, ML2.9/9, Error ellipse: s-maj=2.1km s-min=1.5km az=104.0

LDG 04 20:39:37.0: 1.43, 23N-15.13E, h10km, ML3.5/9, Error ellipse: s-maj=1.07km s-min=4.7km az=69.0
ISC 04 20:39:32.0: 3.43, 16N-15.31E, 0.04, h10km, n107, c160/140, 9C-1D, Adriatic Sea

Code Station Name Azimuth Phase ID Time Res
TERO Teramo 1.36 248 ePn Pn 20 39 59.0 +1.4
TERO Teramo 1.36 248 ePn Pn 20 39 59.0 +1.4

Code Station Name Azimuth Phase ID Time Res
NVLJ Novolja 1.44 348 iSg Sn 20 40 19.9 +2.0
NVLJ Novolja 1.44 348 iSg Sn 20 40 19.9 +2.0

Code Station Name Azimuth Phase ID Time Res
RGNG Rignano Grg 1.49 172 ePn Pn 20 39 58.7 -0.8
RGNG Rignano Grg 1.49 172 ePn Pn 20 40 01.4 +1.5

Code Station Name Azimuth Phase ID Time Res
ACU L'Aquila 1.62 241 ePn Pn 20 40 03.8 +2.7
ACU L'Aquila 1.62 241 ePn Pn 20 40 03.8 +2.7

Code Station Name Azimuth Phase ID Time Res
ARV Arcevia 1.76 282 ePn Pn 20 40 04.8 +1.5
ARV Arcevia 1.76 282 ePn Pn 20 40 04.8 +1.5

Code Station Name Azimuth Phase ID Time Res
FSSB Fossombrone 1.92 287 ePn Pn 20 40 06.7 +1.1
FSSB Fossombrone 1.92 287 ePn Pn 20 40 06.7 +1.1

Code Station Name Azimuth Phase ID Time Res
MURB Monte Urbino 2.04 274 ePn Pn 20 40 08.9 +1.6
MURB Monte Urbino 2.04 274 ePn Pn 20 40 08.9 +1.6

Code Station Name Azimuth Phase ID Time Res
BOJ Bojanca 2.35 359 iPn Pn 20 40 13.2 +1.5
BOJ Bojanca 2.35 359 iPn Pn 20 40 13.2 +1.5

Code Station Name Azimuth Phase ID Time Res
CRE Caprese Michel 2.49 282 ePn Pn 20 40 15.8 +2.0
CRE Caprese Michel 2.49 282 ePn Pn 20 40 15.8 +2.0

Code Station Name Azimuth Phase ID Time Res
SGO Sicignano 2.59 180 ePn Pn 20 40 14.7 -0.5
SGO Sicignano 2.59 180 ePn Pn 20 40 14.7 -0.5



Table with columns: SOTA, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like SOTA, DAVA, DAMUELS, etc.

DJA 04 21:01:02:7.1, 0.9, 9.9S, -113.73E, h33km, MD4.8/4, ML4.0/3, 5C-3D, Error ellipse: s-maj=23.6km s-min=14.4km az=36, South of Jawa

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like KELI, RATI, etc.

NEIC 04 21:02:34.0, 5.0, 20.26S, 169.67E, h181km, 45km, mb4.0/3, Error ellipse: s-maj=28.1km s-min=12.5km az=220.0

IDC 04 21:02:35.4, 8.0, 20.38S, 169.54E, h186km, 70km, mb3.5/7, mb1 3.6/8, mb1mx3.5/16, Error ellipse: s-maj=47.8km s-min=18.7km az=45.0

ISC 04 21:02:29.7, 3.1, 20.5S, 162.26E, 0.2, h141km, 21km, n16, 0.996/17, mb3.8/9, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like DZM, NOUC, URZ, etc.

NEIC 04 21:04:35.3, 63.48N, 149.01W, h6km, mb4.8/43, MS4.2/1, ML4.9(PMR), ML4.8(AEIC), After AEIC.

NEIC Felt [III] at Fairbanks, Fox and Salcha; [III] at North Pole. IDC 04 21:04:36.4, 2.3, 63.69N, 149.10W, h10km, 13km, mb4.3/18, mb1 4.5/23, mb1mx4.5/24, ML4.4/4, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=13.7km s-min=8.8km az=38.0

MOS 04 21:04:36.2, 0.9, 63.63N, 149.04W, h24km, mb4.7/20, MS4.1/8, Error ellipse: s-maj=27.1km s-min=7.8km az=85.6

BUJ 04 21:04:38.2, 64.33N, 149.56W, h16km, mb5.3, mb4.6, Ms4.7, Ms4.5

ISC 04 21:04:35.8, 0.5, 63.56N, 149.13W, 0.4, h22km, 3km, h13km, 8km; p-P, n252, 0.996/267, mb4.6/75, MS4.2/15, 5C, Central Alaska

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like MCK, RND, HUR, etc.

PRU 04 21:03:41.5, 43.00N, 14.77E, ROM 04 21:03:43.7, 4.3, 43.10N, 15.47E, h10km, MD3.2/17, ML2.8/6, Error ellipse: s-maj=4.7km s-min=2.6km az=90.0

NEIC 04 21:03:43.8, 43.10N, 15.47E, h10km, MD3.2(R/M), ML3.4(L/DG), After ROM.

LGD 04 21:03:45.3, 0.3, 43.16N, 15.43E, h10km, ML3.9/4, Error ellipse: s-maj=8.7km s-min=4.3km az=72.0

CSEM 04 21:03:45.3, 0.1, 43.12N, 15.45E, h40km, ML3.4/9, Error ellipse: s-maj=2.4km s-min=1.6km az=107.0

ISC 04 21:03:43.3, 0.4, 43.15N, 0.02, 15.37E, 0.05, h10km, n78, 0.121/75, 1D, Adriatic Sea

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like TERO, NOVALJA, etc.

Table with columns: SOTA, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like AOU, ARV, PTQR, etc.

NEIC 04 21:04:35.3, 63.48N, 149.01W, h6km, mb4.8/43, MS4.2/1, ML4.9(PMR), ML4.8(AEIC), After AEIC.

NEIC Felt [III] at Fairbanks, Fox and Salcha; [III] at North Pole. IDC 04 21:04:36.4, 2.3, 63.69N, 149.10W, h10km, 13km, mb4.3/18, mb1 4.5/23, mb1mx4.5/24, ML4.4/4, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=13.7km s-min=8.8km az=38.0

MOS 04 21:04:36.2, 0.9, 63.63N, 149.04W, h24km, mb4.7/20, MS4.1/8, Error ellipse: s-maj=27.1km s-min=7.8km az=85.6

BUJ 04 21:04:38.2, 64.33N, 149.56W, h16km, mb5.3, mb4.6, Ms4.7, Ms4.5

ISC 04 21:04:35.8, 0.5, 63.56N, 149.13W, 0.4, h22km, 3km, h13km, 8km; p-P, n252, 0.996/267, mb4.6/75, MS4.2/15, 5C, Central Alaska

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like KHC, FRF, MBDF, etc.

NEIC 04 21:04:35.3, 63.48N, 149.01W, h6km, mb4.8/43, MS4.2/1, ML4.9(PMR), ML4.8(AEIC), After AEIC.

NEIC Felt [III] at Fairbanks, Fox and Salcha; [III] at North Pole. IDC 04 21:04:36.4, 2.3, 63.69N, 149.10W, h10km, 13km, mb4.3/18, mb1 4.5/23, mb1mx4.5/24, ML4.4/4, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=13.7km s-min=8.8km az=38.0

MOS 04 21:04:36.2, 0.9, 63.63N, 149.04W, h24km, mb4.7/20, MS4.1/8, Error ellipse: s-maj=27.1km s-min=7.8km az=85.6

BUJ 04 21:04:38.2, 64.33N, 149.56W, h16km, mb5.3, mb4.6, Ms4.7, Ms4.5

ISC 04 21:04:35.8, 0.5, 63.56N, 149.13W, 0.4, h22km, 3km, h13km, 8km; p-P, n252, 0.996/267, mb4.6/75, MS4.2/15, 5C, Central Alaska

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like MCK, RND, HUR, etc.

PRU 04 21:03:41.5, 43.00N, 14.77E, ROM 04 21:03:43.7, 4.3, 43.10N, 15.47E, h10km, MD3.2/17, ML2.8/6, Error ellipse: s-maj=4.7km s-min=2.6km az=90.0

NEIC 04 21:03:43.8, 43.10N, 15.47E, h10km, MD3.2(R/M), ML3.4(L/DG), After ROM.

LGD 04 21:03:45.3, 0.3, 43.16N, 15.43E, h10km, ML3.9/4, Error ellipse: s-maj=8.7km s-min=4.3km az=72.0

CSEM 04 21:03:45.3, 0.1, 43.12N, 15.45E, h40km, ML3.4/9, Error ellipse: s-maj=2.4km s-min=1.6km az=107.0

ISC 04 21:03:43.3, 0.4, 43.15N, 0.02, 15.37E, 0.05, h10km, n78, 0.121/75, 1D, Adriatic Sea

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like TERO, NOVALJA, etc.

Table with columns: SOTA, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like DOT, TZL, STLK, etc.

NEIC 04 21:04:35.3, 63.48N, 149.01W, h6km, mb4.8/43, MS4.2/1, ML4.9(PMR), ML4.8(AEIC), After AEIC.

NEIC Felt [III] at Fairbanks, Fox and Salcha; [III] at North Pole. IDC 04 21:04:36.4, 2.3, 63.69N, 149.10W, h10km, 13km, mb4.3/18, mb1 4.5/23, mb1mx4.5/24, ML4.4/4, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=13.7km s-min=8.8km az=38.0

MOS 04 21:04:36.2, 0.9, 63.63N, 149.04W, h24km, mb4.7/20, MS4.1/8, Error ellipse: s-maj=27.1km s-min=7.8km az=85.6

BUJ 04 21:04:38.2, 64.33N, 149.56W, h16km, mb5.3, mb4.6, Ms4.7, Ms4.5

ISC 04 21:04:35.8, 0.5, 63.56N, 149.13W, 0.4, h22km, 3km, h13km, 8km; p-P, n252, 0.996/267, mb4.6/75, MS4.2/15, 5C, Central Alaska

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like AUH, AUI, YAH, etc.

NEIC 04 21:04:35.3, 63.48N, 149.01W, h6km, mb4.8/43, MS4.2/1, ML4.9(PMR), ML4.8(AEIC), After AEIC.

NEIC Felt [III] at Fairbanks, Fox and Salcha; [III] at North Pole. IDC 04 21:04:36.4, 2.3, 63.69N, 149.10W, h10km, 13km, mb4.3/18, mb1 4.5/23, mb1mx4.5/24, ML4.4/4, MS4.0/9, Ms1 4.0/9, ms1mx3.7/28, Error ellipse: s-maj=13.7km s-min=8.8km az=38.0

MOS 04 21:04:36.2, 0.9, 63.63N, 149.04W, h24km, mb4.7/20, MS4.1/8, Error ellipse: s-maj=27.1km s-min=7.8km az=85.6

BUJ 04 21:04:38.2, 64.33N, 149.56W, h16km, mb5.3, mb4.6, Ms4.7, Ms4.5

ISC 04 21:04:35.8, 0.5, 63.56N, 149.13W, 0.4, h22km, 3km, h13km, 8km; p-P, n252, 0.996/267, mb4.6/75, MS4.2/15, 5C, Central Alaska

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like BELLA, FOX, ATTU, etc.

PRU 04 21:03:41.5, 43.00N, 14.77E, ROM 04 21:03:43.7, 4.3, 43.10N, 15.47E, h10km, MD3.2/17, ML2.8/6, Error ellipse: s-maj=4.7km s-min=2.6km az=90.0

NEIC 04 21:03:43.8, 43.10N, 15.47E, h10km, MD3.2(R/M), ML3.4(L/DG), After ROM.

LGD 04 21:03:45.3, 0.3, 43.16N, 15.43E, h10km, ML3.9/4, Error ellipse: s-maj=8.7km s-min=4.3km az=72.0

CSEM 04 21:03:45.3, 0.1, 43.12N, 15.45E, h40km, ML3.4/9, Error ellipse: s-maj=2.4km s-min=1.6km az=107.0

ISC 04 21:03:43.3, 0.4, 43.15N, 0.02, 15.37E, 0.05, h10km, n78, 0.121/75, 1D, Adriatic Sea

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like BELLA, FOX, ATTU, etc.

4d 21h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ULM, NVAR, CVAR, etc.

2004 DEC

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like GTA, GUA, WMQ, etc.

112

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

NEIC 04 21:11:53.8:0.6, 17.02Sx167.55E, h10km, mb4.6/11, Error ellipse: s-maj=16.4km s-min=14.2km az=133.0, IDC 04 21:11:59.5:0.8, 17.13Sx167.67E, h51km, mb3.8/10, mb1 4.0/10, mb1mx4.0/16, MS3.6/6, Ms1 3.6/6, ms1mx3.3/29, Error ellipse: s-maj=20.3km s-min=18.9km az=120.0

ISC 04 21:11:58.0:0.6, 17.25S:0.05:167.55E:0.1, h50km, h50km, 1.7km, pp-P, n50, o:97/38, mb4.4/18, MS3.5/6, 7C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like DZM, NOUC, CTA, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CSEM, CNRM, NEIC, MDD, etc.



4d 22h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbogo, ARCES ARCESS Array B, LAPAZ La Paz.

CASC 04 22:06:56.61.5, 13.135N:87.95W, h0km,4km, MD3.3, ML3.7, 3C, Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNCH Conchagua, BLLM Bellamira, CAHU Cacacuatique.

MAN 04 22:18:28.5, 10.22N:125.00E, h11km, mb3.9, ML2.7, MS2.4, 1C-1D, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSLP Maasin, SCPH Surigao, OCLP Ormoc.

ROM 04 22:20:50.0, 3.45, 94N:12.00E, h5km, 2km, MD3.3/14, ML3.1/12, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CGRP Cima Grappa, CTTI Castel Tesino, FAU Forceilla Aurin.

SCM 04 22:20:50.6, 0.1, 45.89N:12.01E, h12km, ML3.5/25, Error ellipse: s-maj=1.3km s-min=0.9km az=153.0

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTTI Castel Tesino, FAU Forceilla Aurin, CASO Casso, MLNI Malnisio, TEOL Teolo.

2004 DEC

Large table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIU Minerbio Fiu, VOJS Vojsko, WTTA Wattenberg, FUORN Ofenpass, SOTA Sankt Quirin.

114

Large table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, KHC Kasperske Hory, BBS Basel-Blauen, BFO Black Forest.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Dobruska-Polom, Upiace, Vyhne, Maizieres J'vi, etc.

PRU 04 22:41:38.9, 50.23N, 18.81E
WAR 04 22:41:38.1, 50.26N, 18.86E, h0km, ML2.4, Mining

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Raciborz, Ojcow, Ostrava-Krasne, etc.

ROM 04 22:45:39.7, 0.2, 45.92N, 11.96E, h9km, 1km, MD3.0/4,
ML2.1/5, Error ellipse: s-maj=1.4km s-min=0.9km az=0.0

NEIC 04 22:45:39.7, 45.92N, 11.96E, h9km, MD3.0(ROM),
ML3.0(VIE), ML2.6(SZGRF), ML2.6(LDG), ML2.5(FUR),
After ROM.

CSEM 04 22:45:39.6, 0.1, 45.89N, 11.97E, h12km, ML2.8/12, Error
ellipse: s-maj=2.1km s-min=1.3km az=178.0

LDG 04 22:45:41.2, 0.4, 45.99N, 12.03E, h5km, ML2.6/9, Error
ellipse: s-maj=10.6km s-min=6.8km az=175.0

ISC 04 22:45:38.8, 0.3, 45.88N, 0.2, 11.95E, 0.02, h12km, n77,
+1505/136, 22C-8D, Northern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Cima Grappa, Castel Tesino, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MABI, COLI, SAL, etc.

ROM 04 22:47:59.3, 0.1, 45.91N, 11.99E, h4km, 1km, MD3.2/3,
ML2.4/4, Error ellipse: s-maj=0.7km s-min=0.4km az=0.0

NEIC 04 22:47:59.3, 45.91N, 11.99E, h4km, MD3.2(ROM),
ML3.3(VIE), ML2.8(SZGRF), ML2.8(LDG), ML2.7(FUR),
After ROM.

CSEM 04 22:47:59.0, 0.1, 45.89N, 11.97E, h12km, ML3.0/12, Error
ellipse: s-maj=1.8km s-min=1.2km az=174.0

ZUR 04 22:48:00.4, 45.84N, 11.85E, h10km, ML2.5/7
LDG 04 22:48:01.6, 0.2, 45.98N, 12.02E, h5km, ML2.8/11, Error
ellipse: s-maj=7.2km s-min=4.3km az=7.0

ISC 04 22:47:59.3, 0.2, 45.90N, 0.02, 11.95E, 0.02, h12km, n95,
+112/164, 21C-10D, Northern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Cima Grappa, Castel Tesino, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Casera Mimosias, Monte Prat, etc.









Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MCMT, MVU, MSU, etc.

NAO 05 01:52:35.47,6.48,11N,8.23E,ML4.1
MOS 05 01:52:36.4,0.9,48.18N,8.18E,h7km,mb4.1/5,Error
ellipse: s-maj=6.8km s-min=4.3km az=54.5

BUI 05 01:52:36.7,48.10N,8.10E,h10km,mb4.2,mb4.5,Ms4.4,
Ms24.2
IDC 05 01:52:37.6,0.9,48.20N,8.05E,mb3.9/8,mb1.4/1/17,
ms1mx4.0/29,ML4.1/8,MS3.9/13,Ms1.9/13,

MED\_RC 05 01:52:37.2,0.2,48.08N,8.03E,h15km,MW4.5/23,
Moment tensor Solution. Body waves: s23,c41;
Duration: 1s0 Moment tensor: Scale 10^15Nm;

HRVD 05 01:52:37.2,0.9,48.03N,8.04E,h12km,MW4.8/38,
Centroid moment Tensor Solution. LP body waves:
s9,c10,Mantle waves: s38,c47; Half duration: 0 Moment

ZUR\_RM 05 01:52:37.48,12N,8.08E,h12km,Mw4.6/33,Moment
Tensor Solution. s33 Moment tensor: Scale 10^15Nm;
Mw=1.37; Mw=3.55; Mw=2.32; Mw=6.47;

ZUR 05 01:52:38.6,48.08N,8.00E,h10km,ML5.1/10
IPEC 05 01:52:38.3,3.5,48.16N,7.97E,h19km,16km,ML5.1/2,
Error ellipse: s-maj=19.3km s-min=12.6km az=79.0

BGR 05 01:52:38.8,0.2,48.12N,8.04E,h10km,ML5.1,Error
ellipse: s-maj=3.3km s-min=2.2km az=171.0
STR 05 01:52:39.2,0.2,48.11N,8.00E,h10km,ML5.3,Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

LEDBW 05 01:52:39.2,0.1,48.08N,8.04E,h9km,2km,ML5.4,Error
ellipse: s-maj=1.2km s-min=1.0km az=115.0
LEDBW Felt VI EMS.
LDG 05 01:52:39.1,0.1,48.07N,7.95E,h11km,Md4.7/33,M15.2/44,

BNS 05 01:52:40.0,4.0,48.15N,7.99E,h10km,ML5.1
ISC 05 01:52:35.5,0.1,48.104N,0.007,7.921E,0.010,h10km,
n712,c1955/1129,mb4.1/15,MS4.0/14,93C-74D,France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like Freiburg, Kirchzarten, Limburg, etc.

Table with columns: SLE, Schleithelm, 0.51 131, Pg, Sg, and various station identifiers like Echery, Champ du Feu, etc.

SPAK Spachingen, 0.58 90, Pg, Sg
SPAK Spachingen, 0.58 90, Pg, Sg
SPAK Spachingen, 0.58 90, Pg, Sg

TRULL Truellikon, 0.69 131, Pg, Sg
TRULL Truellikon, 0.69 131, Pg, Sg
TRULL Truellikon, 0.69 131, Pg, Sg

BBS Basel-Blauen, 0.70 204, Pg, Sg
BBS Basel-Blauen, 0.70 204, Pg, Sg
STEIN Stein am Rhein, 0.77 124, Pg, Sg

HINF Hinterfeld, 0.77 249, eP, Pg
HINF Hinterfeld, 0.77 249, eP, Pg
HINF Hinterfeld, 0.77 249, eP, Pg

HINF Hinterfeld, 0.77 249, eP, Pg
HINF Hinterfeld, 0.77 249, eP, Pg
BALST Balsthal, 0.78 191, Pg, Sg

BALST Balsthal, 0.78 191, Pg, Sg
BALST Balsthal, 0.78 191, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg
GUT Guttenstein, 0.80 92, Pg, Sg

Table with columns: UBR, Uberruh, 1.53 105, Pg, Sg, and various station identifiers like Damuels, Heidenheim, etc.

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg

UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg
UBR Uberruh, 1.53 105, Pg, Sg





Table of astronomical observations for 5d 2h, listing stations like Muntele Rosu, NORSAR, and various other observatories with their respective coordinates and observation times.

Table of astronomical observations for 2004 DEC, listing stations like Schefferville, WMQ, YKA, and others, including detailed coordinates and observation parameters.

Table of astronomical observations for 2004 DEC, listing stations like RIFYF, CABF, MEZSF, and others, with detailed coordinates and observation data.



Table with columns: MOF, HNF, HIN, HAU, RYFY, CABF, SFTF, MEZF, SMF. Includes station names like Molkenrain, Hinterfeld, Haudompre, Refroy, La Chapelle, Sextantines, Maizieres J'vi, Signal de Mont.

STR 05 02:33:20.0-0.2, 48.08N-8.03E, h10km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LEDBW 05 02:33:20.5-0.1, 48.08N-8.03E, h1km, 2km, ML2.0, Error ellipse: s-maj=3.2km s-min=1.8km az=127.0

ZUR 05 02:33:20.7, 48.06N-8.03E, h9km, ML1.8/10
LDG 05 02:33:20.4-0.1, 48.09N-8.01E, h10km, M2.1/3, M2.2/9, Error ellipse: s-maj=1.4km s-min=0.9km az=162.0

BGR 05 02:33:20.3-0.3, 48.08N-8.06E, h10km, ML1.4/2, 6C-8D, Error ellipse: s-maj=2.8km s-min=1.1km az=122.0

Main station list table for Germany. Columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Kirchzarten, Freiburg, Feldberg, Black Forest, Limburg, Schleitheim, Echery, Champ du Feu, etc.

Table with columns: RYFY, CABF, SFTF, MEZF, SMF, SSF, AVF. Includes station names like Refroy, La Chapelle, Sextantines, Maizieres J'vi, Signal de Mont, Saint Saule, Amiral sur Lois.

NEIC 05 02:33:22.7, 34.95N-3.03W, MG3.5(MDD), After MDD. MDD 05 02:33:22.3, 1.4, 34.94N-3.01W, mb3.5/6, Error ellipse: s-maj=15.5km s-min=7.5km az=126.0, PRXIMO Aftershock PLICA

CSEM 05 02:33:23.2, 0.2, 35.08N-3.07W, h5km, ML3.9/1, Error ellipse: s-maj=6.9km s-min=3.4km az=112.0

CNRM 05 02:33:23.6, 34.99N-2.69W, h5km, MD3.3

Main station list table for Gibraltar. Columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Melilla, Malin Array, Melilla, Malin Array, etc.

DJA 05 02:33:28.5-0.7, 8.66S-114.33E, h120km, 6km, MD4.7/4, ML1.3/7, Error ellipse: s-maj=7.7km az=18.0, Bali region

Main station list table for Bali region. Columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Srdi, Kelakatan, Rata, Kedomdong, etc.

Main station list table for Indonesia. Columns: EKS2, AAK, AAK, CHMS, USP, TKM2, TKM2, NDI, KOLD, GKN, DMN, KKN, PKI, GUN, KURK, BVAO, BVAO, BVK, CHKZ, CHKZ, ZAL, GNI, GNI, ARU, BRTR, AKASG, FINES, FINES, ARCES, NB2, NOA, KMBO, WRA, YKA, YKA, ASAR. Includes station names like Ala-Archa, Chumyush, Ospenovka, Tokmak 2, Tokmak 2, New Delhi, Koldanda, Gorkha, Daman, Kakani, Pulchoki, Gulbaha, Kurchatov, Borovoye Array, Borovoye Array, Borovoye, Chkalovo, Zalesovo, Gani, Gani, Arti, Keskin Array, Malin Array, Fines Array, Arces Array, NORSAR, NORSAR, Klisma Mbogo, Warramunga Arr, Yellowknife Ar, Yellowknife Ar, Alice Springs.

ZUR 05 02:40:39.7, 48.06N-8.04E, h8km, ML1.3/7
LDG 05 02:40:39.0-0.2, 48.06N-7.95E, h15km, M1.9/3, M1.9/6, Error ellipse: s-maj=3.4km s-min=2.5km az=115.0

Main station list table for France. Columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Schleitheim, Sulz-Cheisache, Champ du Feu, Echery, Hinterfeld, Weingarten, Wila, Haudompre, Refroy, La Chapelle, Sextantines, Maizieres J'vi.

STR 05 02:47:37.8-0.3, 48.07N-8.02E, h10km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 05 02:47:37.9-0.3, 48.09N-7.99E, h10km, M1.9/3, M2.0/8, Error ellipse: s-maj=4.3km s-min=2.5km az=68.0

Main station list table for Germany. Columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Schleitheim, Sulz-Cheisache, Welschbruch, Echery, Champ du Feu, Molkenrain, Stein am Rhein, Balsthal, ZUR, Hinterfeld, Weingarten, Lomont, Lomont, Haudompre, Kalmit, Thein Dam, Dalhousie, Bhakra, Almayashu, Sundarnagar, Uchter, Uchter, Kyzart, Erkin-Say, Erkin-Say.





Table of station data for the left column, including call signs like Tazeka, Berja, EBER, etc., and their associated frequencies and parameters.

Table of station data for the middle column, including call signs like EINC, EARI, CAF, etc., and their associated frequencies and parameters.

Table of station data for the right column, including call signs like HINF, LBG, LANF, etc., and their associated frequencies and parameters.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other technical details for stations like GUT, SIBS, ZUR, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other technical details for stations like WLF, WLFZ, MEZF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like KIZ, FELD, LIBD, etc.







Table of astronomical observations for 5d 6h, listing stations like BRVK, AAK, KOLN, EKS2, etc., with columns for station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2004 DEC, listing stations like MIF, MIF, ELUO, ELUO, etc., with columns for station name, coordinates, magnitude, and other parameters.

ADC 05:50:46.3-8.0, 6.73S-149.68E, h60km, mb3.4/3, mb1.3/7.5, mb1m3.5/14, ML3.6/2, Error ellipse: s-maj=60.3km s-min=52.9km az=140.0, New Britain

Table of astronomical observations for ADC, listing stations like PMG, PMG, WB2, etc., with columns for station name, coordinates, magnitude, and other parameters.

JMA 05:06:00:45.8-0.3, 44.00N x 147.99E, h84km, M3.8, Kuril Islands

Table of astronomical observations for JMA, listing stations like NEM2, NEM2, JRA, etc., with columns for station name, coordinates, magnitude, and other parameters.

NIED 05:06:04:00, 42.90N:146.70E, h26km, Mw4.2 Best double rupture: M2.5x1015 NP1:phi64°, 667°, lambda11°. NP2:phi200°, 831°, lambda20°

MOS 05:06:04:32.1-1.1, 42.89N:146.76E, h33km, mb4.5/13, Error ellipse: s-maj=21.0km s-min=8.9km az=111.3

SKHL 05:06:04:32.5-0.2, 42.88N:146.88E, h46km, 11km, mb5.2/2 JMA 05:06:04:32.5-0.2, 42.88N:146.67E, h46km, 9km, M4.4

NEIC 05:06:04:36.6-1.2, 42.85N:146.40E, h50km, 11km, mb4.4/5, Error ellipse: s-maj=10.4km s-min=8.6km az=157.0

BJI 05:06:04:36.2, 42.58N:146.54E, h77km, mb4.0 IDC 05:06:04:37.4-3.7, 42.95N:146.45E, h53km, 32km, mb3.8/19, mb1.4/0.2, mb1m1x0.2/6, ML4.2/1, Error ellipse: s-maj=17.5km s-min=17.3km az=107.0

ISG 05:06:04:34.0-0.9, 42.92N:146.59E, 0.06, h46km, 6km, h82, s101/89, mb4.1/26, 3C-4D, Off southeast coast of Hokkaido

Table of astronomical observations for ISG, listing stations like NEM2, NEM2, YUK, etc., with columns for station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2004 DEC, listing stations like YUK, YUK, YUK, etc., with columns for station name, coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Paradox Valley, Muntele Rosu, Keskin Array B, etc.

IDC 05 06:05:05.8-15.0, 21.72S-178.79W, h537km, 155km, mb3.3/6, mb1 3.4/7, mb1mx3.2/16, Error ellipse: s-maj=120.0km s-min=28.4km az=45.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

STR 05 06:13:50.4-0.4, 48.08N-8.07E, h10km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 05 06:13:51.2-0.2, 48.05N-7.96E, h14km, 1km, M2.1/3, M11.9/9, Error ellipse: s-maj=3.9km s-min=2.8km az=65.0

ZUR 05 06:13:51.0, 48.06N-8.03E, h8km, M1.4/11, 1C-4D, Germany

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SLE Schleithelm, SULZ Sulz-Cheseais, WLS Weilschbruch, etc.

LDG 05 06:16:27.3-0.2, 48.07N-8.01E, h10km, 1km, M1.9/3, M11.9/6, Error ellipse: s-maj=3.8km s-min=2.6km az=82.0

STR 05 06:16:27.4-0.4, 48.04N-7.98E, h10km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WLS Weilschbruch, ECH Echery, CDF Champ du Feu, etc.

LDG 05 06:17:46.3-0.2, 48.08N-8.00E, h10km, M2.1/3, M2.1/11, Error ellipse: s-maj=3.4km s-min=2.3km az=95.0

STR 05 06:17:46.0-0.4, 48.07N-8.04E, h10km, 1km, M1.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, Germany

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WLS Weilschbruch, ECH Echery.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ECH Champ du Feu, MOF Molkenrain, HMF Hinterarfeld, etc.

IDC 05 06:21:16.5-2.7, 21.04S-178.60W, h608km, 33km, mb3.3/6, mb1 3.6/9, mb1mx3.4/15, Error ellipse: s-maj=36.5km s-min=13.6km az=159.0

NEIC 05 06:21:16.4-2.8, 20.97S-178.66W, h606km, 36km, mb4.1/5, Error ellipse: s-maj=29.9km s-min=11.8km az=181.0

ISC 05 06:21:12.3-1.4, 20.85-0.2, 178.7W, 0.1, h561km, 20km, n26, c072/19, mb3.8/12, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AFI Afiamalu, URZ Urewera, CTA Charters Tower, etc.

DJA 05 06:25:44.8-1.0, 9.49S-117.40E, h80km, MD4.7/4, ML4.9/4, 4C-5D, Error ellipse: s-maj=34.1km s-min=20.3km az=22.0, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KEDI Kedondong, RATI Rata, KELI Kelakatan, etc.

KISR 05 06:29:08.9-1.2, 30.02N-50.96E, h33km, ML3.2 THR 05 06:29:09.3-0.7, 30.26N-50.59E, h15km, ML3.2

ISC 05 06:29:10.2-2.8, 30.30N-50.07-50.65E, 0.07, h11km, 22km, n11, c088/14, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like UMR Umm Al-Rimmam, QRN Al-Qurain, GHIR Ghir-Karzin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RST comp=2.70nm, 0.5s, ASAO Ashtian, etc.

NEIC 05 06:47:06.1, 34.99N-3.03W, h5km, MG3.5(MDD), After MDD

CSEM 05 06:47:06.6-0.5, 35.16N-3.09W, h10km, mb3.5/9, Error ellipse: s-maj=9.9km s-min=6.4km az=2.0

MDD 05 06:47:05.8-1.2, 34.99N-3.08W, mb3.5/9, Error ellipse: s-maj=11.8km s-min=5.5km az=145.0, PRXIMO Aftershock PLICA, Morocco

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EMEL Melilla, MELI Melilla, MELI Melilla, etc.

IDC 05 07:42:23.8-0.9, 43.93N-150.81E, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, Error ellipse: s-maj=29.2km s-min=24.5km az=105.0

NEIC 05 07:42:29.0-0.6, 43.88N-150.66E, h35km, mb4.3/2, Error ellipse: s-maj=20.0km s-min=13.9km az=135.0

ISC 05 07:42:25.8-0.7, 43.8M-0.1, 150.6E-0.2, h33km, n11, c092/11, mb3.8/10, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MAJO Matsuhiro, YAK Yakutsk, BRVK Borovoye Array, etc.

NEIC 05 07:43:33.5, 50.56N-7.09E, h4km, ML2.6(LDG), ML1.9(SZGRF), ML1.7(STR), After LDG

BNS 05 07:43:33.1, 0.50.58N-7.11E, h4km, ML1.7 CSEM 05 07:43:33.7-0.1, 50.56N-7.08E, h8km, ML2.6/9, Error ellipse: s-maj=1.5km s-min=1.0km az=61.0

LDG 05 07:43:33.5-0.1, 50.56N-7.09E, h4km, M2.5/3, M2.6/11, Error ellipse: s-maj=1.1km s-min=0.8km az=80.0

BGR 05 07:43:34.6-0.5, 50.51N-7.19E, h10km, ML1.9, Error ellipse: s-maj=16.7km s-min=4.4km az=117.0

UCC 05 07:43:34.1-0.8, 50.54N-7.10E, h13km, ML1.7 STR 05 07:43:37.2-1.2, 50.42N-7.15E, h5km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 05 07:43:32.9-0.4, 50.48N-0.02-7.03E, 0.04, h9km, 3km, n36, c121/78, 3C-1D, Germany

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STB Steinbach, BGG Burgeitz, BGG Burgeitz, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like KLL, BNS, MEM, ABH, HGN, etc.

IDC 05 07:48:34.47.3, 39.77S>177.00E, mb4.0/3, mb1 4.2/4, mb1mx4.0/11, ML3.6/1, MS3.4/2, Ms1 3.3/2, ms1mx2/9.19, Error ellipse: s-maj=142.0km s-min=26.4km az=120.0

NEIC 05 07:48:39.1, 39.71S>177.03E, h31km, mb4.3/1, ML4.4 (WEL), After WEL.

NEIC 05 07:48:39.5, 39.69S>177.05E, h26km, ML4.4/18, 3C-2D, Error ellipse: s-maj=1.6km s-min=0.8km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PWZ, BKZ, KNZ, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like TAZ, WAZ, EDZ, etc.

NEIC 05 07:48:49.9, 34.89N>2.83W, MG3.3(MDD), After MDD. MDD 05 07:48:50.6, 1.7, 34.89N>2.87W, h4km, mb3.5/3, Error ellipse: s-maj=23.0km s-min=1.1km az=86.0

PRXIMO Aftershock PLICA SOLUCIN POBRE CSEM 05 07:48:51.1, 0.3, 35.02N>2.89W, h12km, MD2.9, Error ellipse: s-maj=7.3km s-min=7.1km az=77.0

CNRM 05 07:48:53.3, 34.84N>2.78W, h2km, MD2.9 ISC 05 07:48:51.7, 0.9, 35.00N>0.04, 2.79W>0.07, h22km, 4km, n26, e127/39, Strait of Gibraltar

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like ZAI, MELI, EML, etc.

IDC 05 07:49:35.2, 1.0, 39.05N>106.87E, mb3.8/7, mb1 4.0/8, mb1mx3.7/19, ML4.3/1, Error ellipse: s-maj=44.1km s-min=15.9km az=69.0

BUI 05 07:49:39.1, 38.87N>106.75E, h12km, ML4.3, Ms3.9, Ms2.8

NEIC 05 07:49:40.8, 0.9, 39.11N>106.84E, h40km, 11km, mb3.9/5, Error ellipse: s-maj=15.5km s-min=6.5km az=72.0

ISC 05 07:49:34.8, 0.3, 39.11N>106.86E, 0.05, h10km, n37, e15/40, mb3.9/13, 1C, Western Nei Mongol

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

IDC 05 07:58:29.4, 12.0, 13.07N>143.63E, h138km, 113km, mb3.9/12, mb1 4.1/12, mb1mx3.9/22, Error ellipse: s-maj=33.0km s-min=19.3km az=78.0

NEIC 05 07:58:30.1, 10.1, 13.01N>143.66E, h146km, 9km, mb4.5/6, Error ellipse: s-maj=15.6km s-min=9.9km az=97.0

ISC 05 07:58:28.2, 1.1, 13.01N>0.09, 143.6E, 0.1, h141km, 11km, n24, e093/21, mb4.1/18, 1C, South of Mariana Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like GUMO, WRAB, WRA, etc.

Table with columns: LPAZ, La Paz, 149.15 100, PKPbc, PKPdf, 08 18 03.9 +7.6

MOS 05 08:04:19.0±1.1, 43.43N:146.95E, h79km, mb4.3/2, Error ellipse: s-maj=39.8km s-min=28.4km az=100.4

SKHL 05 08:04:23.1±1.7, 43.72N:146.99E, h50km±19km, mb5.3/2 JMA 05 08:04:25.7±0.2, 43.84N:146.51E, h79km±2km, M3.8

IDC 05 08:04:28.6±3.6, 44.31N:146.28E, h105km, mb3.3/4, mb1.3/7.5, mb1mx3.4/22, Error ellipse: s-maj=43.0km s-min=39.0km az=3.0

ISC 05 08:04:23.7±0.6, 43.88N:0.07-146.62E±0.07, h83km±5km, n23, c0587/39, mb3.6/5.4, Kuril Islands

Main table for station data, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Op, ISC, h, m, s, ISC

IDC 05 08:05:25.1±0.8, 30.33S:75.66E, mb4.0/8, mb1.4/2.8, mb1mx4.0/16, MS4.0/10, Ms1.4/0.10, ms1mx3.8/24, Error ellipse: s-maj=35.1km s-min=22.3km az=88.0

NEIC 05 08:05:26.0±0.5, 30.29S:75.93E, h10km, mb4.7/7, Error ellipse: s-maj=22.8km s-min=14.3km az=106.0

ISC 05 08:05:24.9±0.5, 30.33S:0.09-76.0E±0.2, h10km, n31, c0599/21, mb4.2/14, MS4.0/10, 3C-2D, Mid-Indian Ridge

Continuation of station data table, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Op, ISC, h, m, s, ISC

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: VVDA, Vanda, 59.75 165, eP, 08 15 30.0 -1.7

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

Table with columns: YKA, Mina Array Bea, 29.12 113, P, 08 30 25.1 -2.5

NEIC 05 08:19:46.4±2.0, 30.26N:50.49E, h25km, mb3.7/4, Error ellipse: s-maj=38.9km s-min=9.6km az=175.0

KISR 05 08:19:45.9±0.5, 30.14N:50.73E, h33km, ML3.3 CSEM 05 08:19:47.5±0.1, 30.27N:50.59E, h51km, mb3.7/4, Error ellipse: s-maj=12.4km s-min=2.3km az=162.0

IDC 05 08:19:48.5±7.8, 30.40N:50.45E, h37km, mb3.6/8, mb1.3/8.9, mb1mx3.6/22, ML3.9/1, Error ellipse: s-maj=92.5km s-min=30.1km az=174.0

THR 05 08:19:55.8±0.5, 31.15N:50.81E, h18km, mb3.7/4, ISC 05 08:19:47.4±0.8, 30.32N:50.62E±0.07, h53km±10km, n34, c1500/40, mb3.7/12, Northern and central Iran

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BJI 05 08:30:56.8, 37.23N:2.48E, h30km, mb4.4, mb4.9, Ms4.6, Ms2.4

IDC 05 08:30:58.0±0.8, 36.84N:3.25E, mb4.1/16, mb1.4/3/22, mb1mx4.2/28, MB4.3/6, MS3.9/14, Ms3.9/14, n3, c11mx3/26, Error ellipse: s-maj=18.2km s-min=16.1km az=29.0

NEIC 05 08:30:59.6±0.3, 36.87N:3.42E, h10km, mb4.5/10, ML4.7(ALG), Error ellipse: s-maj=3.9km s-min=2.7km az=167.0

NEIC Forty-six people injured in the Zemmouri area. Felt at Algiers.

ZUR\_RM 05 08:30:59.36, 36.87N:3.42E, h12km, Mw4.5/16, Moment Tensor Solution. s16 Moment tensor: Scale 10^19Nm; Mm-2.47; Mm-1.87; Mm-0.43; Mm-1.27; Mm-4.88; Mm-2.15; Best double couple: Mm-50x10^15; Np1:11.1; 873:1-30; Np2:11.0; 88:1; λ-161; Principal axes: T 7.19; P1g8; Azm363; N-1.266; P1g56; Azm164; P-5.93, P1g33; Azm328;

MED\_RC 05 08:30:59.6±0.3, 36.79N:3.42E, h15km, Mw4.4/16, Moment Tensor Solution. Body waves: s16, c22; Duration: 1s0 Moment tensor: Scale 10^19Nm; Mm-0.12±.13; Mm-2.52±.14; Mm-2.63±.11; Mm-1.16±.43; Mm-3.47±.10; Mm-0.29±.36; Best double couple: Mm-44x10^15; Np1:17.7; 877:1-8; Np2:10.9; 882:2; 7-167; Principal axes: T 4.4, P1g3; Azm243; N.17, P1g7; Azm140; P-4.57, P1g15; Azm334; instat refers 44 waves, cutoff=35s.

MDD 05 08:31:00.1±0.5, 36.79N:3.44E, h16km±5km, mb4.9/32 Error ellipse: s-maj=5.1km s-min=3.6km az=11.0, PRXIMO

CSEM 05 08:31:00.2±37.11N:3.53E, h10km, mb4.5 MOS 05 08:31:02.3±1.5, 36.92N:3.46E, h38km, mb4.4/10, Error ellipse: s-maj=17.8km s-min=7.8km az=63.0

INMG 05 08:31:02.5±1.6, 36.83N:3.35E, h31km, ML3.1, Error ellipse: s-maj=7.5km s-min=4.2km az=137.0

LDG 05 08:31:03.0±0.2, 36.83N:3.46E, h30km, M4.1/14, ms3.5/7, Error ellipse: s-maj=3.9km s-min=2.2km az=159.0

STR 05 08:31:12.4±0.6, 37.80N:3.56E, h10km, M4.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 05 08:30:58.0±0.5, 36.92N:0.02-3.96E±0.02, h15km±5km, n340, c128/409, mb4.4/31, MS4.0/16, 9C-2D, Northern Algeria

Main table for station data, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Op, ISC, h, m, s, ISC

EOES	Quesada	5.22 282	Pn	Sn	08 33 14.8 -3.2
EOES	Quesada	5.22 282	Pn	Pn	08 32 18.8 +1.4
EOES	78nm,0.3s,SNR=7.0				08 33 18.1 +0.1
EOES	Quesada	5.22 282	Pn	Pn	08 32 18.8 +1.4
EOES	64nm,0.4s,SNR=109				
EOES	Kechabta	5.25 86	P	Sn	08 33 14.9 -3.1
KCHT	Villasalto	5.37 60	ePn	Pn	08 32 17.0 -0.8
VSL	Villasalto	5.37 60	ePn	Pn	08 32 17.2 -2.4
VSL	Villasalto	5.37 60	ePn	Pn	08 33 14.4 -7.5
VSL	40nm,0.4s				08 32 17.2 -2.4
VSL	EMEL	5.38 254	P	Sn	08 33 14.4 -7.5
EMEL	12nm,0.1s,SNR=7.9				08 32 19.9 +0.1
EMEL	33nm,0.3s,SNR=7.9				08 33 16.9 -5.2
ZGN	Zaghouan	5.43 94	iP	Pn	08 32 18.5 -1.8
EJON	La Jonquera	5.53 356	Pn	Pn	08 32 23.0 +1.2
EJON	134nm,0.4s,SNR=202				08 33 22.5 -3.4
EJON	49nm,0.3s,SNR=5.7				08 32 23.0 +1.1
EJON	La Jonquera	5.53 356	Pn	Pn	08 32 23.0 +1.1
EJON	134nm,0.4s,SNR=202				08 33 22.5 -3.4
EJON	49nm,0.3s,SNR=5.7				08 32 23.4 +1.0
SJAF	Saint Jean de	5.57 356	P	Pn	08 32 23.4 +1.0
VALF	Valcebolleire	5.57 350	P	Pn	08 32 24.2 +1.8
ESAC	San Caprasio	5.65 329	iPn	Pn	08 32 25.1 +1.7
ESAC	San Caprasio	5.65 329	iPn	Pn	08 32 25.3 -3.5
ESAC	San Caprasio	5.65 329	iPn	Pn	08 32 25.1 +1.7
ESAC	144nm,0.3s,SNR=18				08 33 26.7 -2.1
ESAC	144nm,0.3s,SNR=6.2				08 32 25.1 +1.6
ESAC	San Caprasio	5.65 329	Pn	Pn	08 32 25.1 +1.6
ESAC	34nm,0.3s,SNR=18				08 33 25.3 -3.5
ESAC	144nm,0.3s,SNR=6.2				08 32 25.2 +1.5
FILF	Filfols	5.67 354	P	Pn	08 32 25.9 +0.8
ERON	Agron	5.76 273	P	Pn	08 32 25.9 +0.8
ERON	6.8nm,0.4s,SNR=11				08 33 27.2 -4.4
EGRA	Graus	5.78 337	iP	Pn	08 32 26.9 +1.6
EGRA	14nm,0.4s,SNR=18				08 33 28.4 -3.5
EGRA	30nm,0.6s,SNR=5.3				08 32 24.0 -2.3
MBZ	Menzel Bouzell	5.85 90	iP	Pn	08 32 28.5 +1.9
CARF	Carcanieres	5.87 351	P	Pn	08 32 30.0 +1.1
ELOJ	Sierra Laja	6.04 274	P	Pn	08 33 33.5 -5.0
ELOJ	12nm,0.6s,SNR=18				08 32 30.2 +1.1
LRDF	Larouque-de-Fa	6.04 354	P	Pn	08 32 31.5 +2.1
SALF	Salau	6.07 345	P	Pn	08 32 32.3 +2.1
LPEF	Le Peyrat	6.12 350	P	Pn	08 32 31.6 +1.2
ELUO	Luque	6.14 278	P	Pn	08 33 36.0 -5.1
ELUO	7.6nm,0.3s,SNR=4.0				08 32 34.0 +1.7
EBIE	Bielsa	6.28 338	iPn	Pn	08 33 40.1 -4.3
EBIE	14nm,0.4s,SNR=18				08 32 34.0 +1.7
EBIE	Bielsa	6.28 338	iPn	Pn	08 33 41.7 -2.7
EBIE	14nm,0.4s,SNR=18				08 32 34.0 +1.7
EBIE	17nm,0.3s,SNR=11				08 33 40.1 -4.4
EBIE	14nm,0.4s,SNR=18				08 32 34.3 +1.9
MELF	Melles	6.28 342	P	Pn	08 32 34.7 +2.3
MLS	Mouils	6.28 344	P	Pn	08 32 34.5 +1.4
RESF	Ens	6.33 339	P	Pn	08 32 34.4 +0.3
ESDC	Sonsecra Array	6.40 298	Pn	Pn	08 33 45.3 -2.3
ESDC	16nm,0.3s,baz=111,slow=13,SNR=142				08 32 34.3 +0.2
ESDC	16nm,0.3s,baz=110,slow=24,SNR=7.4				08 32 34.4 -4.2
ESDC	Sonsecra Array	6.40 298	Pn	Pn	08 32 34.3 +0.2
ESDC	34nm,0.2s,baz=108,slow=14,SNR=175				08 32 34.4 -4.2
ESDC	8.2nm,0.3s,baz=113,slow=24,SNR=6.7				08 32 34.4 -0.3
ESDC	Sonsecra Array	6.40 298	Pn	Pn	08 33 43.1 -5.7
ESDC	8.2nm,0.3s,SNR=6.7				08 32 34.5 -0.3
ESDC	Sonsecra Array	6.40 298	Pn	Pn	08 33 43.8 -5.6
ESDC	34nm,0.2s,SNR=175				08 32 34.4 -0.3
EADA	Adamuz	6.45 284	P	Pn	08 32 34.5 -0.3
EADA	7.3nm,0.3s,SNR=39				08 32 36.0 +0.9
EADA	14nm,0.5s,SNR=4.2				08 33 43.8 -5.6
EADA	Adamuz	6.45 284	Pn	Pn	08 32 34.5 -0.3
MTFL	Montoliu	6.47 352	ePn	Pn	08 33 43.8 -5.6
MTFL	12nm,0.3s				08 32 36.5 +1.1
MTFL	Montoliu	6.47 352	ePn	Pn	08 32 37.3 +1.3
MTFL	5.9nm,0.3s				08 33 46.4 -4.5
VIEF	Viey	6.49 338	P	Pn	08 33 46.4 -4.5
EPF	Esparrros	6.53 340	ePn	Pn	08 33 46.4 -4.5
EPF	35nm,0.4s				08 32 34.9 -1.5
EPF	Esparrros	6.53 340	ePn	Pn	08 32 34.9 -1.5
EMIJ	Mijas	6.56 269	Pn	Pn	08 32 34.4 -2.0
EMIJ	6.1nm,0.3s,SNR=14				08 33 44.9 -6.7
EMIJ	Mijas	6.56 269	Pn	Pn	08 32 34.8 -1.6
EMIJ	6.2nm,0.3s,SNR=9.4				08 32 37.0 -0.2
BERF	Bertagne	6.62 15	P	Pn	08 33 47.9 -5.3
BERF	6.1nm,0.3s,SNR=14				08 32 38.9 +1.5
BERF	Labassere	6.62 133	P	Pn	08 32 37.0 -0.3
LABF	Labassere	6.62 133	P	Pn	08 32 39.6 +1.4
GELF	Grande-Etoile	6.70 334	ePn	Pn	08 33 50.6 -4.4
ETSF	Etsaut	6.70 334	ePn	Pn	08 32 38.9 -1.3
ETSF	23nm,0.3s				08 33 51.9 -6.6
LMR	La Moure	6.84 20	ePn	Pn	08 32 42.4 0.0
LMR	27nm,0.3s				08 33 57.3 -5.1
TAVF	Tavernes	6.99 16	P	Pn	08 32 42.4 +1.4
TAVF	Pradon	7.01 11	P	Pn	08 32 42.4 +1.4
PRAF	La Foret Royal	7.08 20	ePn	Pn	08 32 58.2 -6.5
FRF	31nm,0.2s				08 32 42.7 -1.1
PGF	Pioggiola	7.09 36	ePn	Pn	08 33 56.4 -8.4
PGF	45nm,0.5s				08 32 45.3 +1.0
PGF	Pioggiola	7.09 36	ePn	Pn	08 34 01.4 -4.3
PGF	22nm,0.5s				08 34 01.4 -4.3
SJPF	Ste Jean	7.12 332	ePn	Pn	08 34 01.4 -4.3
SJPF	32nm,0.4s				08 32 44.5 -0.2
SJPF	Ste Jean	7.12 332	ePn	Pn	08 33 59.8 -6.7
SJPF	16nm,0.4s				08 32 44.5 -0.2
LASF	Ste Croix	7.16 3	ePn	Pn	08 33 59.8 -6.7
LASF	35nm,0.4s				08 32 46.7 +0.8
LASF	Ste Croix	7.16 3	ePn	Pn	08 34 03.2 -5.4
LASF	18nm,0.4s				08 32 47.2 +1.0
SMRF	Simiane la Rot	7.24 13	ePn	Pn	08 32 48.4 +1.3
SMRF	18nm,0.6s				08 34 05.2 -5.4
OSSF	Osses	7.26 332	P	Pn	08 34 05.2 -5.4
EALK	Alkurruntz	7.32 331	P	Pn	08 34 05.2 -5.4
EALK	14nm,0.3s,SNR=39				08 34 05.2 -5.4
EALK	37nm,0.3s,SNR=7.1				08 34 05.2 -5.4
EALK	Alkurruntz	7.32 331	Pn	Pn	08 34 05.2 -5.4
EALK	37nm,0.3s,SNR=7.1				08 32 47.8 +0.7
STOF	St-Etienne Org	7.33 14	P	Pn	08 34 08.4 -2.3
STOF	31nm,0.2s				08 32 48.7 +0.5
STOF	Espera	7.41 272	P	Pn	08 34 06.8 -6.0
ESPR	Espera	7.41 272	Pn	Pn	08 32 48.7 +0.5
ESPR	2.9nm,0.7s,SNR=4.7				08 32 46.7 +0.8
ESPR	2.9nm,0.3s,SNR=5.4				08 34 09.2 -5.4
ESPR	6.8nm,0.7s,SNR=4.7				08 32 49.4 -7.9
ESPR	2.9nm,0.3s,SNR=5.4				08 32 51.1 -0.8
SBF	Sospel	7.59 23	ePn	Pn	08 34 14.2 -5.1
SBF	34nm,0.3s				08 32 51.1 -0.8
TOUF	Mont Tourneraie	7.67 21	P	Pn	08 32 51.1 -0.8
TOUF	34nm,0.3s				08 32 51.1 -0.8
AUTN	L'Aution	7.71 22	P	Pn	08 32 51.1 -0.8

IMI	Imperia	7.78 25	P	Pn	08 32 51.5 -1.9
IMI	Imperia	7.78 25	ePn	Pn	08 32 52.1 -1.3
OCF	Saint Nazaire	7.79 10	P	Pn	08 32 53.9 +0.4
OCF	St-Nazaire-De	7.79 10	P	Pn	08 32 53.9 +0.4
MGNE	Monesi	7.88 24	P	Pn	08 32 53.0 -1.9
MGNE	Monesi	7.88 24	P	Pn	08 32 54.0 -1.9
STV	Sta Anna Valdi	7.90 21	P	Pn	08 32 54.1 -1.0
STV	Sta Anna Valdi	7.90 21	P	Pn	08 32 54.1 -1.1
STV2	Anna di Valdie	7.91 21	P	Pn	08 32 54.0 -1.1
STV2	Anna di Valdie	7.91 21	P	Pn	08 32 54.0 -1.2
ENR	Entraque	7.92 22	P	Pn	08 32 54.5 -0.8
ENR	Saint-Julien-L	7.93 7	ePn	Pn	08 32 54.7 -0.1
EMR	Mina Concepcio	8.06 279	P	Pn	08 32 56.2 -1.1
EMIN	4.5nm,0.3s,SNR=47				08 34 22.3 -6.7
EMIN	Mina Concepcio	8.06 279	Pn	Pn	08 32 56.2 -1.1
EMIN	7.0nm,0.3s,SNR=7.9				08 32 57.7 +0.4
CAF	Calviac	8.06 353	ePn	P	08 32 57.5 -0.2
PZZ	Pruzzo	8.08 19	P	P	08 32 57.5 -0.2
PZZ	Pruzzo	8.08 19	P	P	08 32 56.6 -1.5
ROB	Roburent	8.11 23	P	P	08 32 58.0 -0.2
DOI	San Damiano	8.12 20	ePn	P	08 32 57.1 -1.5
DOI	San Damiano	8.12 20	ePn	P	08 32 56.6 -2.0
FIN	Finale Ligure	8.15 25	ePn	P	08 33 00.1 +1.0
FIN	Finale Ligure	8.15 25	ePn	P	08 34 26.0 -6.2
ELAN	Lanestosa	8.19 322	Pn	Pn	08 33 00.1 +1.0
ELAN	Lanestosa	8.19 322	Pn	Pn	08 34 29.0 -3.3
ELAN	9.3nm,0.3s,SNR=24				08 34 26.0 -6.2
ELAN	6.8nm,0.3s,SNR=4.6				08 33 00.0 +0.6
ELAN	Lanestosa	8.19 322	Pn	Pn	08 34 26.0 -6.2
ELAN	6.8nm,0.3s,SNR=4.6				08 33 00.1 +1.0
ELAN	Lanestosa	8.19 322	Pn	Pn	08 34 26.9 -5.9
ELAN	9.3nm,0.3s,SNR=24				08 33 00.0 +0.6
MBDF	Montbardon	8.21 17	ePn	P	08 33 00.0 +0.6
MBDF	Montbardon	8.21 17	ePn	P	08 33 00.0 +0.6
MBDF	Montbardon	8.21 17	P	P	08 34 26.9 -5.9
MBDF	Montbardon	8.21 17	P	P	08 33 00.0 +0.6
ORIF	Oris-en-Rattie	8.21 13	ePn	P	08 33 00.0 +0.6
LF	La Frestelle	8.26 347	P	P	08 33 00.6 +0.5
RRL	Cesana Torines	8.39 17	P	P	08 33 02.6 +0.6
RRL	Cesana Torines	8.39 17	P	P	08 33 01.3 -1.2
EBAD	Badajoz	8.43 286	P	P	08 33 00.6 +0.6
EBAD	6.1nm,0.6s,SNR=9.2				08 33 03.6 -7.7
EBAD	3.3nm,0.3s,SNR=7.3				08 34 30.3 -1.2
EBAD	Badajoz	8.43 286	Pn	Pn	08 33 02.3 -0.3
BHB	Bricherasio	8.44 19	P	P	08 33 02.3 -0.3
BHB	Bricherasio	8.44 19	P	P	08 33 03.8 +0.6
FRNF	Fournots	8.48 356	P	P	08 33 02.7 -0.7
RJF	Les Rejaudoux	8.49 351	ePn	P	08 33 03.5 +0.1
RJF	878nm,17.5s				08 33 03.5 +0.1
BNI	Bardonecchia	8.49 16	P	P	08 33 03.5 +0.1
BNI	Bardonecchia	8.49 16	ePn	P	08 33 05.0 +1.5
GRN	Grenoble	8.50 11	P	P	08 33 03.7 -0.6
GDM	Grand Maison	8.53 343	P	P	08 33 04.8 +0.4
PCP	Pian Castagno	8.56 26	P	P	08 33 04.8 +0.5
FENE	Fenestrelle	8.56 18	P	P	08 33 04.8 +0.5
FENE	Fenestrelle	8.56 18	P	P	08 33 04.8 +0.5
COLF	Collangelles	8.59 11	P	P	08 33 07.6 +0.6
RSP	Reno Superiore	8.72 18	P	P	08 33 07.2 +0.6
RSP	Reno Superiore	8.72 18	P	P	08 37 06.3
VAE	Valguarnera	8.82 83	LR	LR	08 33 06.5 -1.6
MAIM	comp=Z,1.1m,18.0s,baz=155,slow=41				08 33 06.5 -1.6
MAIM	8.84 36	P	P	P	08 33 06.5 -1.6
VINC	Vinca	8.86 33	P	P	08 33 06.8 -1.6
VINC	Vinca	8.86 33	P	P	08 33 06.8 -1.6
VINC	Vinca	8.86 33	P	P	08 33 06.8 -1.6
CODM	8.93 31	P	P	P	08 33 08.4 -1.0
CODM	8.93 31	P	P	P	08 33 11.0 +1.5
BACM	8.93 33	P	P	P	08 33 11.0 +1.5
BACM	8.93 33	P	P	P	08 33 10.3 +0.8
LPG	La Plagne	8.95 15	ePn	P	08 33 10.7









Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, JCT Junction City, OXF Oxford, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAO Raoul Island, OAU Omaha, WCU Waiau Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAT Matushiro, MAT Matsuhiro, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BOAC Boac, TGY Tagaytay City, SJMP San Jose, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAEZ Rainy Point, NEZ North Egmont, DFE Dawson Falls, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewera, RAR Rarotonga, LBZ Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAEZ Rainy Point, NEZ North Egmont, DFE Dawson Falls, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, JKRS Kuro-shima, JIKR Ishigaki jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAEZ Rainy Point, NEZ North Egmont, DFE Dawson Falls, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SLE Schleitheim, SLE Schleitheim, TRULL Truelikon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAEZ Rainy Point, NEZ North Egmont, DFE Dawson Falls, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ECH Echery, WEIN Weingarten, WILA Wila, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAEZ Rainy Point, NEZ North Egmont, DFE Dawson Falls, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.

ORF 05 11:46:33.4, 24.99S, 177.78E, h30km, mb5.9  
IDC 05 11:47:22.6, 0.7, 25.18S, 178.87E, h526km, mb4.1/14,

QSPA South Pole Qui 64.80 180 i/P P 11 57 10.9 +1.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PV01 Paradox Valley, ILAR Eielson, ILAR Eielson, etc.





















5d 18h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ASAR, Alice Springs, Warramunga Arr, Tennant Creek, WRA, Fitzroy Crossi, NVAR, TXAR, etc.

NEIC 05 17:39:28.2, 2.3, 23.55S, 179.97W, h519km, 27km, mb4.2/9, Error ellipse: s-maj=22.5km s-min=1.6km az=188.0

IDC 05 17:39:29.2, 1.9, 23.50S, 179.96W, h520km, 16km, mb3.5/9, mb1.3/10, mb1mx3.6/16, Error ellipse: s-maj=33.9km s-min=17.9km az=160.0

ISC 05 17:39:30.2, 1.23.6S, 0.1x179.87E, 0.10, h544km, 27km, n37, 0.88/25, mb4.0/15, 4D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like URZ, CTA, CTAO, PMG, STKA, STKA, ASAR, ASAR, ASPA, WBR2, WRA, WRA, WRA, KAKA, FITZ, GQSA, TPNV, CMAR, HLID, TXAR, ILAR, PDAR, BVAR, ARCES, FINES, FINES, FINES, NB2, NOA, HFS, MALT, AKASG, ASF, BRTR, KSP, CLL, CLL, GERES, GERES.

IDC 05 17:44:05.1, 8.0, 38.76N, 70.45E, h33km, 58km, mb3.6/6, mb1.3/7, mb1mx3.4/20, ML3.7/1, Error ellipse: s-maj=39.7km s-min=28.2km az=62.0

NEIC 05 17:44:06.6, 1.1, 38.93N, 70.38E, h40km, Error ellipse: s-maj=21.1km s-min=12.3km az=156.0

ISC 05 17:44:00.9, 2.7, 38.64N, 0.04, 70.39E, 0.10, h20km, 21km, n27, 0.574/32, mb3.7/6, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like AML, AML, UCH, UCH, EKSS, Erkin-Say, EKSS, EKSS, KZA, AAK, AAK, AAK.

2004 DEC

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like KBK, CHMS, USP, TKM2, BVAR, KOLN, GKN, KKN, DMN, PUN, GKI, FINES, FINES, NOA, ESDC, YKA, WRA.

STR 05 17:47:35.5, 0.5, 48.07N, 8.04E, h10km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 05 17:47:35.5, 0.1, 48.10N, 8.01E, h10km, Md2.0/3, M12.1/8, Error ellipse: s-maj=2.5km s-min=1.6km az=85.0

ZUR 05 17:47:36.0, 48.06N, 8.04E, h10km, ML1.3/9, 4D, Germany

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SLE, SLE, SULZ, SULZ, WLS, TRULL, ECH, ECH, CDF, STEIN, BALST, WEIN, HINF, WILA, HAU, RYFV, CABF, CABF, SFTF, SFTF, SFTF, MZFZ.

NEIC 05 17:58:23.6, 39.28N, 23.06E, h23km, ML3.3(ATH), ML3.2(TH), After ATH

ATH 05 17:58:23.6, 39.28N, 23.06E, h23km, MD3.3/10, ML3.3 CSEM 05 17:58:23.9, 0.1, 39.30N, 23.04E, h10km, ML3.3, Error ellipse: s-maj=2.4km s-min=1.6km az=79.0

THE 05 17:58:24.9, 39.34N, 23.00E, h1km, ML3.3

ISC 05 17:58:23.8, 0.6, 39.29N, 0.03, 23.04E, 0.04, h11km, 5km, n27, 0.193/36, Aegean Sea

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like XOR, XOR, NEO, AGG, AGG, LAKR, LAKR, PAIG, LIT, LIT, EVR, PLG, MPAR, OUR, THE, THE, PTI, KZN, ATH, MEV, MEV, SOH, SOH, NAIG, GRG, GRG, GRG, KNT, KNT, KNT, LKD, LKD, FNA, IGT, NVR.

NEIC 05 18:01:52.1, 17.44N, 63.58W, h106km, MD3.7(RSPR), After RSPR

RSPR 05 18:01:52.1, 17.44N, 63.58W, h106km, 17km, MD3.7/4, MD3.7/4, 6C-5D, Leeward Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MTP, MTP, CBYP, CBYP, CBYP, SJG, CSB, ICM, CELP, CBYP, PORP, AOPR, MGP, LSP, LSP.

WAR 05 18:14:46.9, 51.51N, 16.08E, h1km, ML2.6, Mining Induced

PRU 05 18:14:46.8, 51.48N, 16.10E

ISC 05 18:14:44.0, 1.3, 51.51N, 0.06, 16.06E, 0.06, n9, 0.112/18, Poland

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like KSP, KSP, DPC, DPC, PVCC, PVCC, PRU, PRU, CLL, CLL, OKK, OKK, OKK, NKC, NKC, KHC, KHC, KHC.

146

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like KSP, UPC, DPC, DPC, PVCC, PVCC, PRU, PRU, CLL, CLL, OKK, OKK, OKK, NKC, NKC, KHC, KHC, KHC.

IDC 05 18:25:15.1, 16.0, 23.28S, 174.31W, mb4.0/5, mb1.4/1.5, mb1mx3.8/15, Error ellipse: s-maj=309.0km s-min=131.2km az=83.0, Tonga Islands region

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

CNRM 05 18:30:59.5, 35.05N, 2.55W, h16km, MD3.0 CSEM 05 18:31:00.3, 0.1, 35.00N, 2.84W, h14km, 1km, MD3.0, Error ellipse: s-maj=4.5km s-min=2.9km az=103.0

NEIC 05 18:31:02.0, 0.35, 0.1N, 3.09W, h3km, MG3.5(MDD), After MDD

MDD 05 18:31:02.6, 1.5, 35.04N, 3.09W, h4km, 12km, mb3.5/9, Error ellipse: s-maj=20.1km s-min=9.9km az=122.0, PRXIMO Aftershock/PLICA

ISC 05 18:31:00.8, 0.7, 35.02N, 0.04, 2.88W, 0.07, h10km, n27, 0.129/42, Strait of Gibraltar

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ZAI, MELI, MELI, MELI, EMEL, EMEL, TOU, TOU, MPAL, MPAL, TZK, TZK, EBER, EBER, EBER, EBER, EMUJ, EMUJ, EQES, EQES, EQES, EQES, ESPR, ESPR, ESPR, EMUR, EMUR, EMUR, EADA, EADA, EADA, EADA, EMIN, EMIN, EMIN, ESDC, ESDC, EBDAD, EBDAD, EBDAD.

NEIC 05 18:32:02.8, 47.48S, 165.31E, h33km, ML4.3(WEL), After WEL

WEL 05 18:32:02.7, 0.7, 47.40S, 165.25E, h33km, ML4.0/6, Error ellipse: s-maj=6.9km s-min=5.0km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MLZ, MLZ, MLZ, MLZ, MZU, MZU, TUZ, TUZ, EAZ, EAZ, EAZ, WKZ, WKZ, JCY, JCY, JCY, ODZ, ODZ, LBZ, LBZ, FOF, FOF, FOF, LTZ, LTZ, THZ, THZ, QAZ, QAZ, KARZ, KARZ.

NEIC 05 18:36:52.2, 36.40N, 22.89E, h16km, MD3.5(ATH), After



**ATH**  
**ATH 05 18:36:52.2,36.400N-22.89E,h16km,3km,MD3.5/5,1C, Southern Greece**

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
KYTH	Kithira	0.17	135f	eP	Pb	Pb	Pb	18	36	56.6	0.0		
VLI	Vellai	0.32	7	eP	Pb	Pb	Pb	18	36	58.8	-0.3		
ITM	Itimi	1.10	315	ePn	Pn	Pn	Pn	18	37	12.9	-0.1		
VAM	Vamos	1.45	133	ePn	Pn	Pn	Pn	18	37	19.0	+1.0		
GVD	Gavdhos	1.84	148	ePn	Pn	Pn	Pn	18	37	26.0	+2.5		
NPS	Neapolis	2.49	116	eP	Pb	Pb	Pb	18	37	34.3	-1.7		

**NEIC 05 18:41:48.6,29.58S-71.08W,h30km,ML4.1(GUC),After**

**GUC 05 18:41:48.6,0.6,29.58S-71.08W,h30km,5km,MD4.0,ML4.1,1C-3D,Near coast of Central Chile**

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
LSCH	La Serena	0.36	203j	iP	Pb	Pb	Pb	18	41	56.7	-0.3		
LSCH				iS	Sb	Sb	Sb	18	42	02.7	0.0		
LSCH				AMP				18	42	02.9			
VACH	Vallenar	1.03	161j	iP	Pn	Pn	Pn	18	42	07.3	+0.1		
VACH				iS	Sn	Sn	Sn	18	42	20.9	+0.1		
VACH				AMP				18	42	22.1			
CMCH	Combarbala	1.59	178j	iP	Pn	Pn	Pn	18	42	16.1	+0.9		
CMCH				iS	Sn	Sn	Sn	18	42	36.6	+1.7		
CMCH				AMP				18	42	45.5			
CPCH	Copiapó	2.30	161j	iP	Pn	Pn	Pn	18	42	25.9	+0.6		
CPCH				eS	Sn	Sn	Sn	18	42	53.8	+0.9		
CPCH				AMP				18	43	01.6			

**NEIC 05 19:24:32.0,1.2,15.69N-61.46W,mb4.0/1,Error ellipse: s-maj=25.1km s-min=14.6km az=93.0**

**TRN 05 19:24:31.2,15.69N-61.34W,h18km,MD4.1**

**IDC 05 19:24:32.1-0.8,15.69N-61.43W,h11km,4km,mb3.7/7,mb1.4/1.8,mb1mx3.8/20,ML5.6/1,Error ellipse: s-maj=13.8km s-min=8.9km az=102.0**

**ISC 05 19:24:32.9,0.4,15.70N-0.03-61.50W,0.06,h2km,4km,h12km,3km;pP,n28,e190/39,mb3.8/7,3C-5D,Leeward Islands**

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
BBL	Barber's Block	0.17	169j	iP	Pb	Pb	Pb	19	24	37.3	-0.8		
BBL				eS	Sb	Sb	Sb	19	24	43.1	+1.4		
MGG	Marie-Galante	0.28	40j	iP	Pb	Pb	Pb	19	24	39.1	-0.4		
MDN	Morne-Daniel	0.39	164j	iP	Pb	Pb	Pb	19	24	41.1	-0.1		
MDN				eS	Sb	Sb	Sb	19	24	47.5	+0.5		
DBCT	Belle View Cho	0.45	160	eS	Pb	Pb	Pb	19	24	46.1	-0.9		
DBCT				eS	Pb	Pb	Pb	19	24	48.1	-0.5		
DSTT	Stowe	0.49	157	eP	Pb	Pb	Pb	19	24	42.8	0.0		
DSTT				eS	Pb	Pb	Pb	19	24	49.0	-0.6		
DSHT	Scott's Head	0.50	165j	iP	Pb	Pb	Pb	19	24	43.1	+0.1		
SEG	Port Louis	0.70	350j	eP	Pb	Pb	Pb	19	24	46.4	+0.1		
DEGE	La Desirade	0.74	351	eP	Pb	Pb	Pb	19	24	46.1	-0.9		
DFD	Fort de France	1.02	160	eP	Pb	Pb	Pb	19	24	51.2	-0.5		
ADF				eS	Pb	Pb	Pb	19	25	05.8	+1.1		
CRM	Caravelle	1.10	149j	eP	Pb	Pb	Pb	19	24	52.6	-0.3		
CRM				eS	Pb	Pb	Pb	19	25	07.2	+0.3		
BIM	Bigot	1.25	160	eS	Pn	Pn	Pn	19	24	55.0	0.0		
BIM				eS	Pn	Pn	Pn	19	25	12.9	+1.7		
MVM	Montagne Vauci	1.28	153j	eP	Pb	Pb	Pb	19	24	55.7	+0.2		
MVM				eS	Pn	Pn	Pn	19	25	12.5	+0.5		
BPA	Boggy Peak	1.38	346	eP	Pb	Pb	Pb	19	24	57.2	+0.3		
BPA				eS	Pn	Pn	Pn	19	25	17.9	+3.3		
CPB	Codrington	1.95	351	eP	Pb	Pb	Pb	19	25	06.0	+0.9		
CPB				eS	Pn	Pn	Pn	19	25	31.8	+2.6		
SJG	San Juan	5.05	299	Pn	Pn	Pn	Pn	19	25	47.6	-1.6		
SJG				eS	Pn	Pn	Pn	19	26	49.7	+2.1		
SJG				eS	Pn	Pn	Pn	19	25	47.2	-2.0		
SJG				eS	Pn	Pn	Pn	19	26	49.7	+2.1		
SDV	Santo Domingo	11.20	234	P	Pn	Pn	Pn	19	27	13.0	-1.8		
LPAZ	La Paz	32.45	192	eP	Pb	Pb	Pb	19	31	02.6	-1.1		
LPAZ				eS	Pb	Pb	Pb	19	31	02.3	-1.4		
TXAR	Lajitas Array	41.02	297	P	P	P	P	19	32	16.9	+0.9		
ULM	Lac du Bonnet	44.23	329	P	P	P	P	19	32	40.4	-1.6		
PDAR	Pinedale Array	49.00	313	P	P	P	P	19	33	19.9	+0.3		
PDAR				eS	Pb	Pb	Pb	19	33	23.6	-3.5		
JLUR	Jordanelle	49.74	310	eP	Pb	Pb	Pb	19	34	01.6	+0.5		
NVAR	Mina Array Bea	54.50	306	P	P	P	P	19	34	35.2	-1.5		
YKA	Yellowknife Ar	59.55	334	P	P	P	P	19	34	38.9	-5.3		
YKA				eS	Pb	Pb	Pb	19	34	35.2	-1.5		
YKA				eS	Pb	Pb	Pb	19	34	38.9	-5.3		
ILAR	Eielson Array	73.97	334	P	P	P	P	19	36	07.8	0.0		
ILAR				eS	Pb	Pb	Pb	19	36	11.3	-4.1		
FINES	FINES Array B	75.20	30	P	P	P	P	19	36	19.6	-3.1		
FINES				eS	Pb	Pb	Pb	19	36	19.6	-3.1		

**JMA 05 19:31:21.0,0.2,24.80N-122.83E,h103km,2km,ML2.1**

**TAP 05 19:31:20.8,24.59N-122.81E,h95km,2km,ML3.0, Taiwan region**

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
YOJ	Yonaguni jima	0.22	125	P	P	P	P	19	31	36.4	+1.9		
YOJ				eS	Pn	Pn	Pn	19	31	48.1	+3.2		
IRIF	Iriomote-Funau	0.88	107	P	P	P	P	19	31	41.0	+1.2		
IRIF				eS	Pn	Pn	Pn	19	31	43.9	+2.2		
HATJ	Hateruma jima	1.05	120	P	P	P	P	19	31	43.7	+2.0		
HATJ				eS	Pn	Pn	Pn	19	32	00.4	+3.0		
JKRS	Kuro-shima	1.15	108	P	P	P	P	19	31	44.3	+1.3		
JKRS				eS	Pn	Pn	Pn	19	32	01.8	+2.3		
JIJ	Ishigaki jima	1.23	100	P	P	P	P	19	31	44.7	+0.7		
JIJ				eS	Pn	Pn	Pn	19	32	01.9	+0.1		
JTJ	Tarama	1.72	88	P	P	P	P	19	31	50.7	+0.6		
JTJ				eS	Pn	Pn	Pn	19	32	13.0	+1.3		

**NEIC 05 19:39:09.1,35.00N-3.04W,h8km,MG3.3(MDD),After MDD**

**CSEM 05 19:39:09.2,0.6,35.16N-3.25W,h2km,mb3.9/9,Error ellipse: s-maj=19.6km s-min=7.5km az=10.0**

**MDD 05 19:39:09.4,1.6,35.02N-3.04W,h8km,7km,mb3.9/9,Error ellipse: s-maj=16.3km s-min=10.6km az=117.0, PRXIMO Aftershock PLICA, Strait of Gibraltar**

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
MELI	Melilla	0.29	18	P	P	P	P	19	39	14.8	-0.5		
MELI				eS	Pn	Pn	Pn	19	39	18.3	-1.0		
MELI	Melilla	0.29	18	eP	Pb	Pb	Pb	19	39	14.8	-0.5		
MELI				eP	Pb	Pb	Pb	19	39	14.6	-0.7		
EMEL				S	Pg	Pg	Pg	19	39	19.7	+0.3		
EMLI	Melilla	0.29	15	P	Pg	Pg	Pg	19	39	14.6	-0.8		
EBER	Berja	1.88	4	P	Pn	Pn	Pn	19	39	39.9	-2.3		
EBER				S	Pn	Pn	Pn	19	40	01.5	-4.8		
EBER	Berja	1.88	4	P	Pn	Pn	Pn	19	39	39.9	-2.3		
EMIJ	Mijas	2.09	318	P	Pn	Pn	Pn	19	39	42.7	-2.5		
EMIJ				S	Pn	Pn	Pn	19	40	07.0	-4.6		
EQES	Quesada	2.78	360	P	Pn	Pn	Pn	19	39	54.6	-0.5		
EQES				S	Pn	Pn	Pn	19	40	27.1	-2.0		

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
EQES	Quesada	2.78	360	P	Pn	Pn	Pn	19	39	54.6	-0.5		
EQES				S	Pn	Pn	Pn	19	40	27.1	-2.0		
EMUR	La Murta	3.17	27	P	Pn	Pn	Pn	19	39	58.9	-1.7		
EMUR				S	Pn	Pn	Pn	19	40	31.8	-7.2		
EMUR	La Murta	3.17	27	P	Pn	Pn	Pn	19	39	58.9	-1.7		
EADA	Adamuz	3.38	339	P	Pn	Pn	Pn	19	40	02.0	-1.6		
EADA													





5d 21h

Table of station data for 5d 21h, including columns for station name, coordinates, and status. Includes stations like RZN, CSS, VTS, HNTI, etc.

2004 DEC

Table of station data for 2004 DEC, including columns for station name, coordinates, and status. Includes stations like RGNG, RGNL, NVLJ, etc.

150

Table of station data for 150, including columns for station name, coordinates, and status. Includes stations like KEDI, RATA, RATI, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like SONGMO Songo Array, KURK Kurchatov, ZAL Zalesovo, etc.

2004 DEC

Main table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, LPAZ La Paz, YBH Yreka Blue Hor, etc.

5d 22h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like YUK Ashorobuto, JAR Ashorobuto, JCH Churui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zurich, Weingarten, Hinterafield, Wila, Bourrignon, Langenberg, Bad Urach, Stuttgart, Lomont, Hau, Remy, SWS, HDH, SIND, RYF, CABF, SFTF, WLF, MEZF, FUR, MOTA, SOTA, GRA1, GRF, LPL, LRG, SMF, SSF, AVF, ORIF, NKC, KHC, BGF, VIV, TCF, ZAI.

JMA 05 22:41:40.9, 0.1, 36.38N, 140.93E, h46km, 1km, M3.6
Broadband fault plane solution: P waves. N1P1, 48, 826, 1.132, NP2, 183, 871, 1.72, Principal axes: T P160, Azm68; N P117, Azm189; P P124, Azm287;
ISC 05 22:41:40.9, 1.9, 36.40N, 0.08, 141.0E, 0.1, h38km, 20km, n9, 0961/15, 1C-3D, Near east coast of eastern Honshu

IDC 05 22:53:21.4, 1.1, 9.93N, 123.02E, mb4.1/8, mb1 4.3/8, mb1mx4.0/20, MS3.5/3, Ms1 3.5/3, ms1mx2.9/31, Error ellipse: s-maj=14.3 Okm s-min=15.9km az=69.0
NEIC 05 22:53:22.9, 0.6, 9.92N, 123.08E, h10km, mb4.5/4, Error ellipse: s-maj=87.4km s-min=8.9km az=67.0
ISC 05 22:53:26.0, 0.5, 9.59N, 0.03, 122.29E, 0.04, h44km, 6km, n37, 6109/42, mb4.2/12, MS3.8/2, 3C-1D, Negros

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Anini-y, Sibulan, Jordan, Dipolog City, Tagbilaran, Cuyo Island, Lapu-Lapu, Ipil, Roxas, Kalibo, Maasin, Ormoc, Odiangan, Palo, San Jose, Surigao, Nido, Puerto Princes, Lubang, Tagaytay City, Kakadu, Fitzroy Crossi, Tennant Creek, Warramunga Arr, WB2 Warramunga Arr, ASPA Alice Springs, ASAR Alice Springs, Charters Tower, Sonm Songoing Array, STKA Stephens Creek, ZAL Zalesovo, KURK Kurchatov, BVAR Borovoye, FINES FINES Array B, FINES FINES Array B, VINDA Vanda.

IDC 05 23:02:48.3, 0.8, 3.09S, 141.88E, mb4.2/10, mb1 4.4/13, mb1mx4.4/16, ML4.5/2, MS3.6/2, Ms1 3.6/2, ms1x2.9/20, Error ellipse: s-maj=32.2km s-min=16.4km az=89.0
NEIC 05 23:02:54.2, 1.5, 3.12S, 141.70E, h38km, 13km, mb4.5/16, Error ellipse: s-maj=10.8km s-min=8.3km az=82.0
BUJ 05 23:02:54.1, 3.105x141.70E, h37km, mb4.8
ISC 05 23:02:47.5, 2.3, 3.08S, 0.04, 141.69E, 0.09, h1km, 14km, n53, 0978/55, mb4.6/30, MS3.4/2, 1D, New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Kakadu, Charters Tower, Tennant Creek, Warramunga Arr, Fitzroy Crossi, Fitzroy Crossi, Fitzroy Crossi, Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FORT Forrest, TOO Toolang, NWAO Narrogin (SRO), ENH Ensh, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GMA Ganting.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ulaanbaatar, SONM Songoing Array, GUN Gumba, PKI Pulchoki, KKN Kurchatov, DMN Daman, GKN Gorkha, KOLN Koldanda, ZAL Zalesovo, KZA Kyzart, TKM2 Tokmak 2, VNDA Vanda, VNDA Vanda, KBK Karagaybulak, UCH Ucharov, CHMS Chumysh, AAK Ala-Archa, USP Oshpovka, KURK Kurchatov, AML Almayshu, AML Almayshu, EKS2 Erkin-Say, EKS2 Erkin-Say, BVAR Borovoye Array, CHKZ Chkalovo, BRVK Borovoye, COLA College, ILAR Eielson Array, GSPA South Pole Guy, YKA Yelowknife Arr, YKA Yelowknife Arr, LPAZ La Paz, DBIC Dimbrok, SAML Samuel.

MOS 05 23:02:56.9, 1.5, 44.94N, 146.98E, h136km, mb4.0/4, Error ellipse: s-maj=33.9km s-min=21.6km az=72.1
IDC 05 23:02:59.7, 2.9, 44.94N, 146.97E, h144km, 35km, mb3.4/10, mb1 3.6/11, mb1mx3.4/23, Error ellipse: s-maj=69.3km s-min=21.2km az=176.0
NEIC 05 23:03:06.1, 1.9, 45.03N, 146.94E, h200km, mb3.9/2, Error ellipse: s-maj=54.0km s-min=13.4km az=173.0
ISC 05 23:02:56.6, 1.5, 44.94N, 0.4, 147.0E, 0.2, h131km, 31km, n20, 0976/21, mb3.6/12, 1C, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, ULN Ulaanbaatar, SONM Songoing Array, ILAR Eielson Array, KURK Kurchatov, BVAR Borovoye Array, YKA Yelowknife Arr, ARCIS ARCIS Array B, ARCIS ARCIS Array B, FINES FINES Array B, FINES FINES Array B, NOA NORARS Array B, NOA NORARS Array B, AKASO Malin Array B, CLL Collin, GERES GERES Array B, GERES GERES Array B, TXAR Lajitas Array.

DJA 05 23:06:05.0, 0.9, 8.71S, 115.74E, h107km, 6km, MD4.5/1, 2C-6D, Error ellipse: s-maj=34.9km s-min=10.5km az=1.0, Bali region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Rati Rata, KEDI Kedomdong, KEDI Kelatangan, KELI Kelatangan, SRDI Scrawled, SRDI Scrawled, FINES FINES Array B, FINES FINES Array B, NOA NORARS Array B, NOA NORARS Array B, AKASO Malin Array B, CLL Collin, GERES GERES Array B, GERES GERES Array B, TXAR Lajitas Array.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, YKA Yellowknife Ar, NEIC 05 23:41:07.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZUR Zurich, HIN Hinteralfeld, WEIN Weingarten, etc.

NEIC 05 23:29:50.7, 38.36N-21.83E, h2km, MD3.4(ATH), After ATH. NEIC Felt at Agrinion. ATH 05 23:29:50.7, 38.36N-21.83E, h2km, MD3.4/9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNC 06 00:24:27.1, MK31 Makanchi Array, BVA0 Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THEF They Montfort, UBR Ubersuh, SWS Schriesheim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, EVR Evrytania, AGG Agios Georgios, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STR 06 00:26:50.1, ZUR 06 00:26:50.3, BGR 06 00:26:50.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFTF Sextfontaines, WLF Welferdange, MEZF Metzliers J'vi, etc.

IDC 05 23:35:34.1, 34.36N-86.24E, mb3.7/7, mb1 4.0/9, mb1mx3.8/21, ML3.4/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/21, Error ellipse: s-maj=38.0km s-min=25.3km az=41.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FBB Freiburg, KIZ Kirchzarten, FELD Feldberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOT Mota, SQT Sankt Quirin, GRF Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, GUN Gumbab, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WLS Welschbruch, ECH Echery, ECH Echery, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOX Moxa, ORIF Oris-en-Rattie, GUNZ Gunzen, etc.

MDD 06 00:28:50.8, 1.2, 34.97N-3.04W, mb3.8/11, Error ellipse: s-maj=11.8km s-min=5.4km az=138.0, PRXIMO AftershockPLICA CSEM 06 00:28:50.8, 0.4, 35.12N-2.91W, h20km, MD4.0, Error ellipse: s-maj=8.1km s-min=5.0km az=119.0





6d 2h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOTA Moosalm, SIND Sindeldorf, SOTA Sankt Quirin, etc.

2004 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ste Croix, Calviac, Les Rejaudoux, etc.

156

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Florina, Griva, Sokhos, etc.



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

IDC 06 05:11:21.4-12.0, 12.31Sx167.05E, h159km, 110km, mb3.5/9, mb1 3.8/9, mb1mx3.7/16, Error ellipse: s-maj=42.2km s-min=27.0km az=81.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRAB Tennant Creek, etc.

STR 06 05:14:09.9-0.3, 48.07N-8.04E, h10km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOF Molkenrain, STEIN Stein am Rhein, BBS Basel-Blauen, etc.

WEL 06 05:34:56.1-0.3, 36.29Sx177.66E, h219km, 4km, M3.9/5, Error ellipse: s-maj=5.4km s-min=4.6km az=90.0, Off east coast of North Island

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

IDC 06 05:35:10.6-4.8, 0.52Sx121.57E, h583km, 66km, mb2.9/4, mb1 3.0/5, mb1mx2.8/16, Error ellipse: s-maj=74.6km s-min=21.2km az=75.0, Minahasa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDFB Brasilia, KRSC Kuril Islands, etc.

IDC 06 06:02:28.2-1.2, 14.65Sx178.30W, mb4.1/13, mb1 4.3/13, mb1mx4.3/17, MS4.3/16, Ms1 4.4/16, ms1mx4.1/23, Error ellipse: s-maj=70.4km s-min=16.6km az=150.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARZ Rarotonga, RPZ Rata Peaks, CTA Charters Tower, etc.

ASAR Alice Springs 45.79 251 P PKP 06 10 51.6 -1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, VHA Hachijo Jima, etc.

STR 06 05:14:09.9-0.3, 48.07N-8.04E, h10km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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







SNSE 06 08:27:39.6, 26.90N-34.91E, h10km, M12.5
CSEM 06 08:27:39.8, 0.1, 26.82N-34.77E, h35km, ML3.1, Error
ellipse: s-maj=2.6km s-min=1.9km az=64.0

HLW 06 08:27:40.2, 26.88N-34.80E, h20km, Mb3.1
ISC 06 08:27:38.7, 0.9, 26.85N-0.04, 34.81E, 0.05, h18km, 1.1km,
n24, c061/27, 2C-1D, Red Sea

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

IDC 06 08:28:04.8, 1.1, 21.61S-170.94E, mb4, 4.9, m1 4.5/9,
mb1mx4.3/15, Error ellipse: s-maj=38.7km s-min=23.8km
az=159.0

NEIC 06 08:28:06.8, 0.6, 21.45S-170.83E, h10km, mb4.5/9, Error
ellipse: s-maj=21.3km s-min=14.0km az=172.0

ISC 06 08:28:25.5, 2.5, 21.55S-0.2, 170.2E, 0.2, h160km, 1.6km,
n31, c1915/27, mb4.3/13, 1C-2D, Southeast of Loyalty
Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for the Loyalty Islands region.

NEIC 06 08:50:20.8, 15.97N-98.59W, h8km, mb4.4/13,
MD4.6(MEX), After MEX.

MEX 06 08:50:20.9, 1.2, 15.96N-98.67W, h16km, 1.9km, MD4.6
BUJ 06 08:50:20.8, 16.00N-98.60W, h8km, mb4.3, Ms4.7, Msz4.2

IDC 06 08:50:41.7, 5.6, 17.24N-98.32W, h121km, 49km, Mb3.7/6,
mb1 3.8/9, mb1mx3.6/20, MS3.7/2, Ms1 3.7/2, ms1mx2.9/19,
Error ellipse: s-maj=65.1km s-min=30.4km az=32.0

ISC 06 08:50:20.7, 1.3, 16.06N-0.06, 98.57W, 0.04, h32km, 8km,
n62, c1920/78, mb4.2/16, MS3.9/3, 1D, Near coast of
Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for Guerrero.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2004 DEC period.

WEL 06 08:54:25.3, 0.2, 38.42S-178.26E, h27km, 1km, ML3.8/4,
4C, Error ellipse: s-maj=2.2km s-min=1.3km az=90.0,
East coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for North Island.

IDC 06 09:05:47.9, 1.1, 32.10N-92.55E, mb3.8/8, mb1 4.0/10,
mb1mx3.9/20, ML4.2/1, Error ellipse: s-maj=39.2km,
s-min=21.3km az=57.0

NEIC 06 09:05:49.5, 3.7, 32.14N-92.70E, h4km, 24km, mb4.3/9,
Error ellipse: s-maj=15.8km s-min=8.4km az=217.0

BUJ 06 09:05:50.8, 32.20N-92.86E, h4km, mb4.6, mb4.4, ML4.2,
Ms3.9, Msz3.7

ISC 06 09:05:51.6, 0.4, 32.12N-0.04, 92.72E, 0.06, h33km, n34,
c1920/36, mb4.0/13, 2C, Xizang

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for Xizang.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2004 DEC period.

NEIC 06 09:11:09.7, 15.94N-98.64W, h16km, MD4.2(MEX), After
MEX.

MEX 06 09:11:09.7, 1.5, 15.94N-98.64W, h16km, 1.8km, MD4.2, 1C,
Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for Guerrero.

IDC 06 09:17:23.1, 1.4, 26.69S-114.45W, mb4.1/7, mb1 4.4/7,
mb1mx4.2/16, MS3.8/9, Ms1 3.8/9, ms1mx3.6/21, Error
ellipse: s-maj=43.9km s-min=37.1km az=48.0

NEIC 06 09:17:24.7, 0.4, 26.73S-114.50W, h10km, mb4.6/9, Error
ellipse: s-maj=20.7km s-min=11.3km az=88.0

BUJ 06 09:17:24.6, 26.70S-114.50W, h10km, mb4.8, Ms4.9,
Msz4.9

SYO 06 09:17:24.3, 26.83S-114.45W, h10km, MB4.6
ISC 06 09:17:23.6, 0.7, 26.65S-0.1, 114.50W, 0.2, h10km,
(h1 km, 1 km, pp-P), n62, c099/39, mb4.4/15, MS4.1/12,
4C-1D, Easter Island region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists seismic stations for Easter Island region.



Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MBWA Marble Bar, NWAO Narrogin (SRO), NWAO Narrogin (BRO), etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like ZAL Zalesovo, LTX Lajitas, TXAR Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MTE Manteigas, EVIA Vianos, EMUR La Murta, etc.

IDC 06 11:51:52.7e.10.0, 17.59N-99.25W, mb3.4/2, mb1 3.9/4, mb1mx3.6/19, ML3.3/1, Error ellipse: s-maj=189.0km s-min=123.2km az=102.0

NEIC 06 11:52:11.9, 18.41N-100.49W, h22km, MD4.2(MEX), After MEX.

ISEC 06 11:52:11.9, 17.18, 28N; 100.41W, h51km, 40km, MD4.1, MEX 06 11:52:09.1, 0.6, 18.22N, 0.06, 100.38W, 0.05, h63km, 10km, n16, r12, 14/24, mb2.9/2, Guerrero

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like PLIG Platanillo, ZIIG Zihuatajejo, etc.

NEIC 06 12:18:32.6e.2.1, 17.63S; 178.85W, h597km, 24km, mb4.2/16, Error ellipse: s-maj=11.6km s-min=9.3km az=139.0

IDC 06 12:18:34.0e.2.3, 17.69S; 178.80W, h614km, 28km, mb3.6/14, mb1 3.8/14, mb1mx3.7/17, Error ellipse: s-maj=18.7km s-min=11.8km az=152.0

ISC 06 12:31:9.2, 4.17, 7S.0, 10.1, 178.90W, 0.09, h603km, 31km, n50, o87/47, mb4.1/26, 4C-7D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like URZ Urewera, CTA Charters Tower, PMG Port Moresby, etc.

MOS 06 12:50:23.6, 1.1, 38.29N-73.88E, h115km, mb4.4/15, Error ellipse: s-maj=15.6km s-min=8.6km az=100.3



NWC 06 12:50:25.1 10.0,38.18N,73.17E, h46km, 186km, mpv4,1, Error ellipse: s-maj=197.5km s-min=103.3km az=107.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KASHI, ALMAYASHU, KYZART, UCHTOL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POONA, SHILONG, GAOTAI, KARAD, etc.

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





6d 14h

2004 DEC

Table with columns for flight codes (MRT2, JET, etc.), destinations (Murotomisaki, Toyohira, etc.), times, and status indicators (P, S, etc.).

Table with columns for flight codes (SEY, JOW, etc.), destinations (SEY, JOW, etc.), times, and status indicators (S, P, etc.).

Table with columns for flight codes (SONM, OZH, etc.), destinations (Quanzhou, Wake Island, etc.), times, and status indicators (P, S, etc.).



6d 14h

Table with columns for location, name, time, and score. Includes entries like Danmarks Havn, Octopus Mounta, OCWA, AKL, KTK1, etc.

2004 DEC

Table with columns for location, name, time, and score. Includes entries like Bhuj, Moscow, KAF, YBH, etc.

168

Table with columns for location, name, time, and score. Includes entries like VRSR, MSO, SCO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislodovsk, Minsk, Ignalina, Tsey, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array Be, NOQ North Oquirrh, SUW Suwalki, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flat Ob, RWVY Rowhins, BSD Bornholm Skovb, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KWP, TOKT, SVST, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSN, HASS, BRTR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOX, NKX, ISK, etc.



Table with columns for call sign, frequency, power, and other technical details. Includes entries for DUSS, BAZ, WHINBURGH, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for DCN, SKPI, PAPHOS, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for FNA, LIT, OHR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LCI Lecco, TAYS Tayyib Ism, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OG25 Le Claire, BLO Bloomington, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FILE Fillois, CARF Carcanieres, and many others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table of station data for the first section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like DOI, OG22, RRL, etc.

NEIC 06 15:50:15.2, 35.05N-3.17W, MG3.6(MDD), After MDD. MDD 06 15:50:15.7, 1.4, 35.08N-3.19W, mb3.6/7, Error ellipse: s-maj=14.2km s-min=5.2km az=168.0, PRXIMO

Table of station data for the second section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like SAOF, RSP, SBF, etc.

NEIC 06 16:11:30.9, 32.58S-71.49W, h34km, ML2.8(GUC), After GUC 06 16:11:30.9, 0.2, 32.58S-71.49W, h34km, 2km, MD3.5, ML2.8C-3D, Near coast of central Chile

Table of station data for the third section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WZC, WCU, KUZ, etc.

NEIC 06 15:45:08.1, 6.2, 32.31S-70.21E, mb3.7/2, mb1.4/0.2, mb1mx3.6/13, Error ellipse: s-maj=345.0km s-min=54.2km az=27.0, Low Confidence Location, South Indian Ocean

Table of station data for the fourth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like ASAR, WRA, YKA, etc.

NEIC 06 15:47:52.8, 1.1, 9.07S-157.70E, mb3.8/6, mb1.4/1.6, mb1mx4.0/13, Error ellipse: s-maj=45.2km s-min=23.0km az=114.0

Table of station data for the fifth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like EMEI, MELI, MELI, etc.

NEIC 06 16:26:25.0, 1.1, 18.38S-178.06W, h405km, mb5.6/7, Error ellipse: s-maj=27.4km s-min=14.5km az=106.7

Table of station data for the sixth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like PACH, ROCH, JACH, etc.

NEIC 06 16:26:29.0, 0.1, 18.48S-178.08W, mb5.3/73, Error ellipse: s-maj=5.2km s-min=2.9km az=115.0

Table of station data for the seventh section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like CHCH, CHCH, LMEL, etc.

NEIC 06 16:26:28.2, 0.1, 18.52S-178.13W, h440km, MB5.1, h440km, 7km, pp-P, n768, t15/327, mb5.2/106, 71C-36D, Fiji Islands region

Table of station data for the eighth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like AFI, AFM, DZM, etc.

NEIC 06 15:48:12.1, 7.5, 5.30S-101.48E, mb3.1/3, mb1.3/4/3, mb1mx3.9/15, Error ellipse: s-maj=258.0km s-min=30.6km az=60.0, Southwest of Sumatera

Table of station data for the ninth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WZC, WCU, KUZ, etc.

NEIC 06 15:50:15.2, 35.05N-3.17W, MG3.6(MDD), After MDD. MDD 06 15:50:15.7, 1.4, 35.08N-3.19W, mb3.6/7, Error ellipse: s-maj=14.2km s-min=5.2km az=168.0, PRXIMO

Table of station data for the tenth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WZC, WCU, KUZ, etc.

NEIC 06 15:48:12.1, 7.5, 5.30S-101.48E, mb3.1/3, mb1.3/4/3, mb1mx3.9/15, Error ellipse: s-maj=258.0km s-min=30.6km az=60.0, Southwest of Sumatera

Table with columns for station name, frequency, power, and other technical details. Includes stations like Warrungarra Arr, Alice Springs, Fitzroy Crossi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mina Array Bea, Modoc, Nelson, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA College, IMA Indian Mountai, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA College, IMA Indian Mountai, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, DGMT, SONM, YKA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU, SUR, FINES, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HPK, DLF, RUE, etc.









6d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDAR, ISCO Idaho Springs, GCMT Greycliff, etc.

NEIC 06 19:46:39.2, 15.99N-98.58W, h15km, MD4.3(MEX), After MEX.

MEX 06 19:46:39.2-1.4, 15.98N-98.58W, h15km, 26km, MD4.3, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, ACX Acapulco, CAIG El Cayaco, etc.

IDC 06 19:46:59.8, 1.4, 11.41S-161.43E, mb4.0/8, mb1 4.3/8, mb1mx4.2/15, MS3.7/3, Ms1 3.7/3, ms1mx3.4/18, Error ellipse: s-maj=59.7km s-min=22.7km az=146.0

NEIC 06 19:47:02.0, 0.9, 11.20S-161.33E, h10km, mb4.7/3, Error ellipse: s-maj=35.5km s-min=14.9km az=142.0

ISC 06 19:47:04.1, 1.1, 11.2S, 0.2, 161.2E, 0.2, h33km, n16, 1503/11, mb4.0/11, MS3.6/2, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA Charters Tower, WRA Warramunga Arr, STKA Stephens Creek, etc.

MOS 06 20:06:12.9, 2.7, 43.23N-46.73E, h9km, mb3.9/1.2D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UKTR Uchkent, BUJR Buynaks, UNCR Uncukul, etc.

2004 DEC

Table with columns: KMKR, ZEI Tsey, KIV Kislovodsk, KIV. Includes values like 2.13 258, 3.03 285.

NAO 06 20:25:55.4, 4.4, 6.1, 16N-4.66E, ML2.9, CSEM 06 20:25:55.1, 0.3, 62.31N-4.57E, h25km, ML3.8/2, Error ellipse: s-maj=6.2km s-min=3.0km az=126.0

BER 06 20:25:58.0, 2.6, 62.19N-5.01E, MD2.5, ML2.3, ML2.9(NAO), ISC 06 20:25:55.7, 1.2, 62.21N-0.05, 4.8E: 0.1, h10km, n24, 1524/43, 2D, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FOO Floro, FOO Floro, SUE Sulen, etc.

CASC 06 20:25:59.1, 2.5, 13.86N-92.20W, h71km, 35km, MD4.0, 4C-4D, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, TPG Tecpan 2, etc.

NEIC 06 20:30:48.5, 0.5, 3.26S-138.96E, h10km, mb4.1/1, Error ellipse: s-maj=16.0km s-min=7.7km az=94.0

IDC 06 20:30:52.6, 4.3, 3.33S-138.89E, h38km, 36km, 3.7/7, mb1 4.1/11, mb1mx4.0/15, ML3.9/4, MS3.0/3, Ms1 3.0/3, ms1mx2.9/18, Error ellipse: s-maj=31.1km s-min=12.9km az=92.0

ISC 06 20:30:54.4, 2.3, 3.51S-0.07, 138.81E: 0.07, h74km, 22km, n18, 1180/26, mb3.7/6, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, KAKA Kakadu, WBA Warramunga Arr, etc.

180

Table with columns: CTA, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc. Includes values like 20 42 29.2, 20 35 18.1 +0.7.

CSEM 06 20:51:27.9, 0.1, 35.00N-2.85W, h10km, 1km, MD3.4, Error ellipse: s-maj=5.0km s-min=2.7km az=103.0

CNRM 06 20:51:28.6, 6.3, 12N-2.68W, h10km, MD3.4, NEIC 06 20:51:29.2, 34.95N-3.01W, MG3.6(MDD), After MDD, MDD 06 20:51:29.4, 1.2, 34.96N-2.99W, mb3.6/7, Error ellipse: s-maj=12.4km s-min=6.5km az=123.0, FRXIMO AftershockPLICA

ISC 06 20:51:28.2, 0.6, 35.01N-0.02, 2.84W: 0.05, h10km, n38, 1536/63, 1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAI Zaio, MELI Melilla, MELI Melilla, etc.

AAK Ala-Archa comp=E,2.3nm,0.3s 3.86 287 Pn Pn 20 53 36.4 +0.5
AAK Makanechi Array 5.59 20 Pn Pn 20 53 58.9 -1.4
MK31 comp=E,0.7nm,0.4s,baz=201,slow=14,SNR=29
MK31 comp=E,7.3nm,1.1s,baz=206,slow=25,SNR=4.0

BUJ 06 20:54:13.7, 3.15S, 135.94E, h11km, mb4.9, mb4.4
IDC 06 20:54:14.0, 0.7, 3.32S, 135.55E, mb4.2/8, mb1 4/4/12,
mb1mx4.3/15, ML4.1/4, MS3.6/2, Ms1 3.6/2, ms1mx2.9/17,
Error ellipse: s-maj=33.7km s-min=15.5km az=70.0
NEIC 06 20:54:15.7, 0.5, 3.42S, 135.41E, h10km, mb4.3/6, Error
ellipse: s-maj=13.0km s-min=8.4km az=74.0
ISC 06 20:54:14.4, 3.0, 3.55S, 0.05, 135.46E, 0.10, h15km, 22km,
n38, c1518/44, mb4.5/19, MS3.5/1, Irian Jaya region

Code Station Name Az Az2 Phase ID Time Res h m s ISC
KAKA Kakadu 9.58 198 eP Op ISC 20 56 34.3 -0.7
PMG Port Moresby 12.99 117 Pn P 20 57 21.9 +0.6
PMG Port Moresby 12.99 117 Pn S 20 59 38.4 -8.2
PMG Port Moresby 12.99 117 Pn S 20 59 38.4 -8.2
WRAB Tennant Creek 16.32 184 eP Op ISC 20 58 01.8 -3.0
WB2 Warramunga Arr 16.33 184 eP P 20 58 01.7 -3.2
WB2 Warramunga Arr 16.33 184 eP S 20 58 09.3
WB2 Warramunga Arr 16.33 184 eP S 20 58 01.8 -7.3
WRA Warramunga Arr 16.33 184 Pn P 20 58 01.0 -3.9
WRA 1.0nm, 0.3s, baz=5.4, slow=13, SNR=24
WRA 1.0nm, 0.3s, baz=7.0, slow=22, SNR=9.0
FITZ Fitzroy Crossi 17.37 213 eP P 20 58 17.8 -0.3
FITZ Fitzroy Crossi 17.37 213 eP S 20 58 17.0 -0.5
FITZ 0.7nm, 0.3s, baz=28, slow=12, SNR=19
FITZ 0.6nm, 0.3s, baz=180, slow=14, SNR=4.4
CTA Charters Tower 19.52 148 eP P 20 58 46.0 +1.8
CTA Charters Tower 19.52 148 eP P 20 58 44.8 +0.6
CTA 1.0nm, 0.3s, baz=319, slow=13, SNR=5.8
CTA comp=Z,2.05nm,18.3s, baz=222, slow=38
CTAO Charters Tower 19.52 148 eP P 20 58 44.3 +0.1
ASAR Alice Springs 20.05 184 P P 20 58 51.2 +1.1
ASAR 72nm, 0.7s, baz=9.5, slow=10, SNR=305
ASAR 6.1nm, 0.9s, baz=6.6, slow=28, SNR=4.3
ASPA Alice Springs 20.05 184 eP P 20 58 51.2 +1.1
ASPA Alice Springs 20.05 184 eP S 20 58 51.2 +1.1
MBWA Marble Bar 23.25 220 P P 20 59 24.4 +2.1
STKA Stephens Creek 28.76 169 P P 20 59 14.1 +0.3
STKA 4.1nm, 0.8s, mb4.2, baz=7.8, slow=12, SNR=4.8
STKA comp=Z,1.17nm,21.4s, MS3.5, baz=194, slow=37
STKA Stephens Creek 28.76 169 P P 21 00 14.1 +0.3
STKA Stephens Creek 28.76 169 P P 21 00 00.8 +2.3
NWAO Narrogin (SRO) 33.84 208 P P 21 02 07.7 -0.2
CMAR Chiang Mai Arr 42.10 303 P P 21 02 33.6 +2.4
XAN Xi'an 44.99 328 P P 21 03 03.6 -1.3
XAN Hu-ho-hao-te 49.30 336 eP P 21 03 08.4 -1.1
XAN Hu-ho-hao-te 49.30 336 eP P 21 03 11.8 +0.5
XAN comp=Z,4.0nm,1.3s, mb4.1
HHC comp=Z,12nm,0.7s, mb5.0
HHC comp=Z,67nm,4.2s
SHL Shillong 51.20 307 eP P 21 03 20.0 +0.4
GTA Gaotai 53.88 326 eP P 21 03 39.4 0.0
GTA comp=Z,2.1nm,0.6s, mb4.2
GTA comp=Z,6.0nm,1.5s, mb4.3
GUN Gumba 57.04 307 eP P 21 04 03.1 +0.6
SONM Songino Array 57.16 337 P P 21 04 02.4 -0.7
PKI Pulchoki 57.28 306 eP P 21 04 03.9 +0.3
KKN Daman 57.54 306 eP P 21 04 05.5 0.0
DMN Daman 57.54 306 eP P 21 04 06.5 +0.5
KKN Gorkha 58.08 306 eP P 21 04 10.1 +0.3
GOLN Koldanda 58.82 305 eP P 21 04 15.4 +0.4
DDI Dehra Dun 64.28 306 eP P 21 04 51.4 -0.4
TKM2 Tokmak 2 70.95 318 eP P 21 05 33.8 +0.4
ZAL Zalesovo 71.07 331 P P 21 05 33.3 -0.6
KURK Kurchatov 72.57 326 eP P 21 05 41.8 -1.1
VNDA Vanda 75.25 174 P P 21 05 59.6 +1.5
BVAR Borovoye Array 78.17 326 P P 21 06 13.8 -1.0
ILAR Eielson Array 87.94 25 P P 21 07 03.0 -1.7
ARCES ARCES Array B 100.22 340 P P 21 08 00.8 -0.2
LPAZ La Paz 149.45 131 PKPbc PKPpdf 21 14 08.4 +5.3

NEIC 06 21:10:15.6, 62.30S, 71.34W, h18km, ML3.4(GUC), After GUC.
GUC 06 21:10:15.6, 0.7, 32.60S, 71.34W, h18km, 7km, MD3.7, ML2.4, 12C-6D, Near coast, central Chile

Code Station Name Az Az2 Phase ID Time Res h m s ISC
PACH Papudo 0.10 306 Pn P 21 10 19.8 +0.4
ROCH El Roble 0.47 144 Pn P 21 10 25.1 +0.1
ROCH Instituto Hidr 0.50 211 Pn P 21 10 32.0 +0.6
IHA Instituto Hidr 0.50 211 Pn P 21 10 25.1 -0.4
JACH Jahuel 0.64 98 Pn P 21 10 27.6 -0.3
JACH Peidehue 0.78 135 Pn P 21 10 36.6 +0.3
PEL Peidehue 0.78 135 Pn P 21 10 30.0 -0.3
PEL Las Cruces 0.90 192 Pn P 21 10 40.9 +0.6
LCOH Rinconada Maip 1.00 153 eP P 21 10 31.7 -0.6
RCDM Rinconada Maip 1.00 153 eP P 21 10 33.2 -0.8
RCDM comp=N,5um,0.1s
STL Santa Lucia 1.02 145 Pn P 21 10 33.9 -0.6
STL comp=N,589nm,0.3s
SAN Santiago 1.03 146 eP S 21 10 47.9 +0.3
DSCH Colegio Aleman 1.03 141 eP S 21 10 33.6 -1.0
DSCH comp=N,3um,0.2s
CLCH Cerro Calum 1.04 140 Pn P 21 10 34.4 -0.4
CLCH comp=N,4um,0.6s
CLCH comp=N,4um,0.6s
TACH Talagante 1.11 162 Pn P 21 10 35.0 -0.9
TACH comp=N,4um,0.6s
FSR Penalolen 1.11 142 Pn P 21 10 35.6 -0.4
FSR comp=N,1um,0.5s
FCH Farellones 1.14 130 Pn P 21 10 35.8 -0.7
FCH comp=N,4um,0.6s

PCH Pirque 1.23 146 Pn P 21 10 37.1 -0.9
PCH comp=N,1um,0.2s
SJCH San Jose de Ma 1.33 142 Pn P 21 10 38.0 -1.4
SJCH comp=N,1um,0.2s
LNV Longovio 1.36 182 Pn P 21 10 39.0 -0.9
CMCH Combarbala 1.45 12 Pn P 21 10 40.5 -0.6
CMCH comp=E,583nm,0.1s
CHCH Chadas Angus 1.45 157 Pn P 21 10 40.8 -0.4
CHCH comp=E,2um,0.8s
LMEL Las Meiosas 1.57 143 Pn P 21 10 42.7 -0.2
LMEL comp=N,909nm,0.1s
CACH El Canelo 1.64 158 eP P 21 10 44.7 +0.8
CACH comp=N,909nm,0.1s
CICH Cipreses 1.88 156 eP P 21 11 06.1 +1.5
CICH comp=N,909nm,0.1s
SFDO San Fernando 2.02 172 eP P 21 11 05.8 +1.3

IDC 06 21:33:43.1, 1.3, 21.19S, 68.70W, h116km, 12km, mb3.5/3, mb1 3.6/4, mb1mx3.4/14, Error ellipse: s-maj=35.4km, s-min=17.2km az=98.0, Chile-Bolivia border region

Code Station Name Az Az2 Phase ID Time Res h m s ISC
LVC Limon Verde 1.43 188 Pn P 21 34 09.3 -0.7
LVC 23nm, 0.3s, baz=2.9, slow=9, SNR=140
LPAZ La Paz 4.90 6 P P 21 34 56.3 +0.4
BDFB Brasilia 20.38 78 P P 21 38 10.4 -2.3
SNAAS Sanaes 62.51 161 P P 21 43 54.5 -1.8
YKA Yellowknife Arr 90.35 341 P P 21 46 32.9 -1.8
YKA 0.3nm, 0.5s, baz=129, slow=4.3, SNR=6.9
YKA 0.2nm, 0.5s, baz=135, slow=4.7, SNR=9.9
YKA Warramunga Arr 133.22 210 PKP PKPpdf 21 52 46.1 -0.2

LDG 06 21:36:31.4, 0.3, 48.07N, 8.01E, h13km, 1km, Md2 1/2, M2 0/5, Error ellipse: s-maj=5.7km s-min=2.8km az=51.0
STR 06 21:36:31.5, 0.6, 48.05N, 8.01E, h10km, 1km, M1 1.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, Germany

Code Station Name Az Az2 Phase ID Time Res h m s ISC
WLS Welschbruch 0.57 310 Pn P 21 36 43.0 0.0
WLS comp=N,110nm,0.6s
ECH Echery 0.59 287 Pn P 21 36 43.0 -0.5
ECH comp=N,362nm,8.2s
CDF Champ du Feu 0.61 307 eP P 21 36 43.7 -2.2
CDF 5.4nm, 0.2s
MOF Molkenrain 0.62 252 Pn P 21 36 44.1 +0.1
HNF Hinterfeld 0.81 254 eP P 21 36 46.5 -1.3
HNF comp=N,133nm,1.0s
HAU Haudompre 1.12 268 eP P 21 36 52.1 -1.8
HAU 1.4nm, 0.2s
RFYF Rofort 1.79 290 eSg P 21 37 27.4 -3.7
SFTF Sextfontaines 2.00 276 eSg P 21 37 33.8 -4.2
MEZF Maizieres J'vi 2.03 284 eSg P 21 37 33.7 -5.9

NIED 06 21:37:00, 42.90N, 145.50E, h32km, Mw4.1, Best double couple: Mo:1.72x10^15 NP1:phi=27, delta=5, lambda=7. NP2:phi=240, delta=30, lambda=120.
MOS 06 21:37:29.4, 1.6, 42.77N, 145.61E, h33km, mb4.6/5, Error ellipse: s-maj=25.9km s-min=16.6km az=87.6
NEIC 06 21:37:31.0, 6.4, 43.00N, 145.35E, h25km, mb4.4/2, Error ellipse: s-maj=16.3km s-min=8.8km az=142.0
JMA 06 21:37:32.0, 1.4, 42.90N, 145.48E, h44km, 1km, M3.9
IDC 06 21:37:37.2, 4.2, 43.07N, 145.29E, h69km, 30km, mb3.7/9, mb1 3.9/10, mb1mx3.6/23, ML3.8/1, MS3.2/3, Ms1 3.2/3, ms1mx2.6/29, Error ellipse: s-maj=48.6km s-min=20.3km az=164.0

ISC 06 21:37:31.6, 1.0, 42.86N, 0.08, 145.53E, 0.08, h48km, 6km, n44, c085/46, mb4.3/17, MS3.1/1, 1C-5D, Hokkaido region

Code Station Name Az Az2 Phase ID Time Res h m s ISC
NEM2 Nemuro 2 0.53 17 Pn P 21 37 43.5 +0.4
NEM2 comp=Z,2.0nm,0.8s
JAK Akkeshi 0.63 283 Pn P 21 37 44.6 +0.3
JAK comp=Z,2.0nm,0.8s
JNK Nakush 0.94 321 Pn P 21 37 48.5 +0.1
JRA Rausu 1.12 345 Pn P 21 37 51.4 +0.3
JRA comp=Z,2.1nm,0.6s, mb4.2
JOB Onbets 1.25 273 Pn P 21 37 53.2 +0.3
JAR Ashorobuto 1.36 289 Pn P 21 37 54.7 0.0
JCH Churui 1.62 262 Pn P 21 37 58.5 +0.3
JTKR Abashiri-Toko 1.62 314 Pn P 21 37 58.8 +0.5
ASAJ Asahikawa 2.48 301 Pn P 21 38 11.7 +1.2
ASAJ 16nm, 0.3s, baz=119, slow=10, SNR=49
ASAJ comp=Z,503nm,19.1s, baz=135, slow=45
ASAJ Asahikawa 2.48 301 Pn pmax 21 38 11.7 +1.3
ASAJ comp=Z,16nm,0.3s
ASAJ comp=Z,503nm,19.2s
KUR Kuril'sk 2.91 35 ePn P 21 38 15.0 -1.6
KUR comp=Z,150nm,0.6s
KUR comp=N,230nm,0.5s

MAJO Matsushiro 8.46 224 eP P 21 39 32.3 -2.0
JHW Hachijo jima 2 10.73 207 LR P 21 45 20.2
JHW comp=E,82nm,18.6s, baz=186, slow=79, SNR=5.7
JOW Kunigami 21.29 227 LR LR 21 51 08.2
YAK Yakutsk 21.38 339 Pn P 21 42 14.2 -2.5
SONM Songino Array 27.74 294 P P 21 43 17.0 -0.4
SONM comp=Z,2.4nm,0.7s, mb3.7, baz=47, slow=7.8, SNR=15
IMA Indian Mountain 40.08 34 P P 21 45 03.8 +0.3
ILAR Eielson Array 42.90 36 P P 21 45 27.8 +1.2
ILAR comp=E,82nm,0.3s, mb5.4, baz=27.5, slow=8.4, SNR=1.2
ILAR Eielson Array 42.90 36 P P 21 45 27.8 +1.2
KURK Kurchatov 45.05 304 eP P 21 45 43.6 -0.5
CMAR Chiang Mai Arr 46.14 253 P P 21 45 53.8 +0.6
CMAR comp=Z,1.0nm,1.0s, mb3.7, baz=47, slow=6.9, SNR=4.4
CMAR Chiang Mai Arr 46.14 253 P P 21 45 53.8 +0.6
CMAR comp=Z,1.0nm,1.0s
INK Inuvik 47.77 30 P P 21 46 06.1 +0.8
INK comp=Z,1.6nm,0.7s, mb4.2, baz=274, slow=5.0, SNR=5.0
INK Inuvik 47.77 30 P P 21 46 06.1 +0.8
INK comp=Z,2.0nm,0.7s
BVAR Borovoye Array 49.16 309 P P 21 46 16.2 0.0
TKM2 Tokmak 2 49.82 295 eP P 21 46 21.5 0.0
GUN Gumba 49.88 273 eP P 21 46 22.9 +0.7
KAKI Kakani 50.39 273 eP P 21 46 26.3 +0.2
PKI Pulchoki 50.42 273 eP P 21 46 26.2 -0.1
DMN Daman 50.62 273 eP P 21 46 27.3 -0.5
GOLN Gorkha 50.74 274 eP P 21 46 28.4 -0.3

KOLN Koldanda 51.63 274 eP P 21 46 35.6 +0.1
KOLN comp=Z,6.1nm,0.7s, mb4.7
YKA Yellowknife Arr 57.20 33 P P 21 47 16.3 +0.7
YKA comp=Z,2.0nm,0.3s, mb3.6, baz=302, slow=6.4, SNR=5.3
YKA Kangasimiri 64.57 333 eP P 21 48 03.2 -2.3
FINES FINES Array B 65.13 333 P P 21 48 08.5 -0.6
FINES comp=Z,3.4nm,0.6s, mb4.5, baz=44, slow=7.5, SNR=23
FINES FINES Array B 65.13 333 P P 21 48 08.5 -0.5
FINES comp=Z,3.0nm,0.6s
OBN Obninsk 65.33 323 eP P 21 48 09.9 -0.5
OBN comp=Z,5.0nm,1.1s, mb4.5
NVAR Mina Array B 69.06 57 P P 21 48 35.9 +1.7
NVAR comp=Z,0.8nm,0.8s, mb3.7, baz=289, slow=5.1, SNR=4.6
NB2 NORSAR Subarra 70.00 338 P P 21 48 39.6 +0.1
NB2 comp=Z,1.7nm,0.7s, mb4.1, baz=36, slow=6.2
NOA NORSAR Array B 70.00 338 P P 21 48 38.8 -0.7
NOA comp=Z,2.4nm,0.7s, mb4.2, baz=35, slow=6.1, SNR=7.0
NOA NORSAR Array B 70.00 338 P P 21 48 38.8 -0.7
NOA comp=Z,2.0nm,0.7s
AKAG Mainin Array B 71.59 333 P P 21 48 49.1 -0.2
AKAG comp=Z,2.0nm,0.5s, mb4.3, baz=42, slow=6.1, SNR=11
AKAS Mainin Array B 71.59 333 P P 21 48 49.1 -0.2
AKAS comp=Z,2.0nm,0.5s
CLL Collm 77.55 332 P P 21 49 25.0 +1.4

IDC 06 21:47:09.6, 1.0, 39.82N, 97.34E, mb3.9/9, mb1 4.1/11, mb1mx3.9/22, ML4.1/2, Error ellipse: s-maj=25.0km s-min=22.1km az=78.0
BUJ 06 21:47:09.1, 39.72N, 97.18E, h10km, ML4.1, Ms3.5, Ms2.5
MOS 06 21:47:11.8, 1.3, 39.74N, 97.33E, h33km, mb4.1/5, Error ellipse: s-maj=83.0km s-min=18.1km az=111.6
NEIC 06 21:47:11.1, 0.5, 39.73N, 97.26E, h10km, mb3.9/5, Error ellipse: s-maj=12.0km s-min=8.9km az=54.0
ISC 06 21:47:09.3, 1.5, 39.88N, 0.06, 97.43E, 0.06, h11km, 10km, n31, c1517/35, mb3.9/11, Gansu

Code Station Name Az Az2 Phase ID Time Res h m s ISC
GTA Gaotai 1.90 103 Pn P 21 47 46.7 -0.6
GTA comp=N,934nm,0.5s
GTA Smax
LZH Lanzhou 6.32 125 Pn P 21 49 00.8 +1.6
LZH comp=N,110nm,0.6s
LZH comp=E,100nm,0.8s
LZH comp=N,362nm,8.2s
LZH comp=Z,523nm,9.7s
WMQ Urumqi 8.27 302 P S 21 49 12.6 +0.5
WMQ comp=N,133nm,1.0s
WMQ Smax
WMQ comp=E,207nm,1.0s
SONM Songino Array 10.25 36 Pn P 21 49 41.0 +1.5
SONM comp=E,2.8nm,0.3s, baz=221, slow=15, SNR=67
SONM comp=E,1.0nm,0.3s, baz=216, slow=20, cNR=5.2
SONM comp=E,1.1nm,0.3s, baz=218, slow=30, SNR=5.9
ULN Ulanbatar 10.58 38 P P 21 49 42.8 -1.1
ZAL Zalesovo 16.46 333 Pn P 21 51 04.3 +2.6
ZAL comp=E,0.6nm,0.3s, baz=326, slow=11, SNR=14
ZAL comp=Z,6.1nm,0.7s, baz=181, slow=9.6, SNR=5.5
TKM2 Tokmak 2 16.66 288 eP P 21 51 00.3 -4.0
KURK Kurchatov 17.06 316 eP P 21 51 06.3 -2.9
KURK comp=Z,1.4nm,1.1s
Ucho Ucho 17.44 285 eP P 21 51 12.7 -1.4
UVS Novosibirsk 17.74 332 eP P 21 51 17.4 -0.4
CMAR Chiang Mai Arr 21.38 176 P P 21 51 58.0 -1.1
CMAR comp=Z,1.5nm,1.2s, mb3.2, baz=3.2, slow=7.5, SNR=3.4
CMAR Chiang Mai Arr 21.38 176 pmax pmax
CMAR comp=Z,2.0nm,1.2s
BVAR Borovoye Array 22.64 314 P P 21 52 12.8 +1.4
BVAR comp=Z,4.8nm,0.7s, mb4.1, baz=106, slow=11, SNR=26
BRVK Borovoye Array 22.71 314 eP P 21 52 13.6 +1.5
CHK Chkalovo 22.80 316 eP P 21 52 13.9 +0.9
CHK comp=Z,5.0nm,0.8s, mb4.0
ARCES ARCES Array B 47.02 333 P P 21 55 42.6 +0.6
ARCES ARCES Array B 47.02 333 P P 21 55 42.6 +0.6
ARCES comp=Z,2.0nm,0.8s
FINES FINES Array B 47.29 322 P P 21 55 44.5 +0.2
FINES comp=Z,1.7nm,0.6s, mb4.2, baz=76, slow=7.9, SNR=12
FINES FINES Array B 47.29 322 P P 21 57 14.2 -1.5
FINES FINES Array B 47.29 322 P P 21 55 44.5 +0.2
FINES comp=Z,2.0nm,0.6s
FINES comp=Z,1.0nm,0.8s
BRTR Keskin Array B 48.04 291 P P 21 55 50.2 -0.3
BRTR comp=Z,1.5nm,0.8s, mb4.1, baz=112, slow=6.7, SNR=7.4
BRTR Keskin Array B 48.04 291 P P 21 55 50.2 -0.3
BRTR comp=Z,2.0nm,0.8s
NB2 NORSAR Subarra 54.37 323 P P 21 56 37.2 -0.8
NB2 NORSAR Array B 54.37 323 P P 21 56 37.4 -0.6
NOA NORSAR Array B 54.37 323 P P 21 56 37.4 -0.6
NOA comp=Z,1.0nm,0.4s
INK Inuvik 65.64 18 P P 21 57 55.0 0.0
WRAB Tennant Creek 68.75 143 P P 21 57 48.0 +0.6
FSR Sonsea Array 73.22 308 P P 21 58 42.2 +1.7
YKA Yellowknife Arr 74.77 15 P P 21 58 51.0 +0.4
YKA comp=Z,0.5nm,0.8s, mb3.5, baz=332, slow=5.9, SNR=4.4
YKA Yellowknife Arr 74.77 15 P P 21 58 51.0 +0.4
YKA comp=Z,1.0nm,0.8s
YKA Yellowknife Arr 74.77 15 P P 21 58 51.0 +0.4
STKA Stephens Creek 82.29 143 P P 21 59 33.6 +1.3
STKA comp=Z,2.7nm,0.9s, mb4.2, baz=318, slow=12, SNR=3.0

PRU 06 21:57:42.9, 50.20N, 19.15E
WAR 06 21:57:40.9, 50.17N, 19.30E, h0km, ML2.5, Mining Induced, Poland

Code Station Name Az Az2 Phase ID Time Res h m s ISC
OJC Ojcow 0.32 81 eP P 21 57 53.0 +1.3
OJC comp=Z,1.0nm,1.0s, mb3.6, baz=42, slow=5.8, SNR=5.5
OKK Ostrava-Krasne 0.81 246 eP P 21 57 53.0 +1.3
NIE Niedzica 1.00 138 eSg P 21 58 00.5 -0.3
NIE comp=Z,1.0nm,0.4s
LIK Likavka 1.13 187 ePn P 21 58 15.6 +1.5
NIE Vyhne 1.70 190 Pn P 21 58 11.4 -0.6
LYKS Cervenica-Dubn 1.90 131 eSg P 21 58 34.8 0.0
CRVS Dobruska-Polom 1.92 277 eP P 21 58 43.9 -4.9
DPC DPC 2.04 291 ePn P 21 58 16.0 -0.7
KSP KSP 2.04 291 ePn P 21 58 19.0 -2.5
KSP comp=Z,2.2nm,0.8s, mb4.2, baz=318, slow=12, SNR=3.0
SMOL Smolenice 2.06 217 ePn P 21 58 21.6 +4.5
UP Upec 2.13 280 eP P 21 58 19.7 -3.8
KOLN Kolonice sedl 2.30 211 Pn P 21 58 24.8 +4.3







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

STR 07 00:28:25.6-0.2, 43.10N-0.22W, h2km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07 00:28:25.6-0.1, 43.08N-0.25W, h2km, M1.72, M1.8/2, Error ellipse: s-maj=2.9km s-min=1.7km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Montagne du Re, View, Etsaut, etc.

IDC 07 00:48:04.6-0.7, 30.47S-177.56W, mb4.5/8, mb1.4/6/11, mb1mx4.5/18, ML4.4/3, MS4.3/8, Ms1.4/3/8, ms1mx3.9/22, Error ellipse: s-maj=23.0km s-min=19.5km az=126.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Raoul Island, Puketiti, Omahuta, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KIV, VRSR, NB2, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CCIG Comitan, SNVI San Vicente, SCX San Cristobal, etc.

IDC 07 02:15:19.6:16.0, 12.01S:162.29E, h247km, 124km, mb3.5/4, mb1 3.5/6, mb1mx3.4/16, MS3.0/1, Ms1 3.0/1, ms1mx2.2/15, Error ellipse: s-maj=108.0km s-min=50.9km az=76.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, STKA Stephens Creek, etc.

ROM 07 02:19:35.8:0.1, 46.10N:12.35E, h5km, MD3.2/7, ML2.6/11, Error ellipse: s-maj=1.2km s-min=1.2km az=90.0

NEIC 07 02:19:35.8, 46.10N:12.35E, h5km, MD3.2(ROM), ML3.5(VIE), ML3.2(CSEM), ML3.3(STR), ML3.2(SZGRF), ML3.1(LDG), After ROM.

NEIC Felt in Belluno and Treviso Provinces. CSEM 07 02:19:36.3:0.1, 46.01N:12.38E, h2km, ML3.2/23, Error ellipse: s-maj=1.5km s-min=1.1km az=170.0

LDG 07 02:19:38.0:0.1, 46.00N:12.42E, h10km, ML3.1/24, Error ellipse: s-maj=3.3km s-min=2.5km az=57.0

STR 07 02:19:42.0:0.3, 46.28N:12.02E, h10km, km, ML3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 07 02:19:35.8:0.2, 46.06N:0.01:12.28E, 0.01, h13km, 1km, n179, s122/268, 12C-8D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAE Caneva, CASO Casso, FAU Forcella Aurin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRI Trieste, TRI Trieste, VOJSKO Vojsko, MALGA Malga Bissina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NKC Novy Kostel, NKC Novy Kostel, PRU Pruhonice, PGI Pioggiaola, etc.

NEIC 07 02:27:41.9, 35.68N:4.68W, h77km, MG2.7(MDD), After MDD. INMG 07 02:27:42.0:0.3, 35.79N:4.73W, h80km, 4km, ML1.7, Error ellipse: s-maj=5.3km s-min=3.3km az=160.0

CSEM 07 02:27:42.0:0.3, 35.87N:4.80W, h71km, 3km, mb2.7/4, Error ellipse: s-maj=7.2km s-min=3.6km az=173.0

MDD 07 02:27:41.9:1.9, 35.69N:4.68W, h76km, 20km, mb2.7/4, Error ellipse: s-maj=19.0km s-min=11.3km az=173.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMJ Mijas, EMJ Espera, ESPR Espera, ELUQ Luque, etc.

EDSC Sonseca Array 4.02 8 S S 02 29 22.0 -6.7
PCBR Castelo Branco 4.70 333 eP S 02 28 49.3 -2.7
PCBR 02 29 39.0 -6.7

NIED 07 02:31:00, 42.90N, 145.10E, h41km, Mw4.2 Best double couple: M2.45x1015 NP1.9, 29.7, 81.1, 1.81. NP2.9, 23.5, 82.1, 1.14

MOS 07 02:31:33.9, 1.0, 42.88N, 145.20E, h57km, mb4.5/1.4, Error ellipse: s-maj=17.6km s-min=10.8km az=98.3

BUIJ 07 02:31:34.0, 42.88N, 145.21E, h57km, mb4.9, mb4.6, Ms4.1, Ms24.0

IDC 07 02:31:35.5, 0.7, 42.87N, 145.15E, h49km, mb3.9/1.8, mb1.4/2.19, mb1mx4.1/2.4, MS3.6/1, Ms1 3.7/1, ms1mx2.8/1.8, Error ellipse: s-maj=13.9km s-min=9.2km az=25.0

JMA 07 02:31:35.2, 0.1, 42.88N, 145.12E, h48km, mb1km, M4.3 JMA Felt II J1

NEIC 07 02:31:35.2, 0.3, 42.89N, 145.06E, mb4.5/1.1, MW4.2(NIED), Error ellipse: s-maj=7.8km s-min=6.4km az=145.0

SKHL 07 02:31:35.9, 0.3, 42.97N, 145.09E, h65km, mb11km, mb5.2/2 ISC 07 02:31:34.0, 0.6, 42.88N, 0.05, 145.16E, 0.05, h53km, 3km, h46km, 2.7km, pP, n95, 0.95699, mb4.4/3.5, MS4.0/3, 7C-12D, Hokkaido region

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

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

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

BUIJ 07 03:16:54.7, 51.65N, 174.52W, h37km, mb5.4, mb5.0, Ms4.8, MS24.6

NEIC 07 03:16:56.9, 0.2, 51.40N, 174.38W, mb4.9/6.4, ML4.2(AEIC), Error ellipse: s-maj=7.3km s-min=3.1km az=182.0

IDC 07 03:16:57.0, 0.6, 51.55N, 174.33W, h44km, mb4.2/2.3, mb1.4/4.25, mb1mx4.3/2.7, ML4.3/2, MS4.2/3, Ms1 4.2/3, ms1mx3.5/2.8, Error ellipse: s-maj=14.6km s-min=10.3km az=156.0

MOS 07 03:16:58.0, 1.1, 52.22N, 174.35W, h33km, mb4.8/1.5, Error ellipse: s-maj=20.5km s-min=9.3km az=93.1

ISC 07 03:16:54.7, 0.6, 51.34N, 0.05, 174.32W, 0.04, h39km, 4km, h46km, 2.7km, pP, n95, 0.95699, mb4.8/1.03, MS4.4/7, 11C, Andean Islands

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

Table of astronomical observations for 2004 DEC, columns include station name, object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2004 DEC, columns include station name, object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2004 DEC, columns include station name, object name, coordinates, magnitude, and other parameters.

NNC 07:03:50.55; 3.1, 4.42, 11.76, 72E, mvp2.8, Error ellipse: s-maj=45.9km s-min=11.4km az=12.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes entries for ULHL, KZA, KZA, KZA, etc.

ISC 07:03:15.4; 2.4, 3.80S, 0.06, 134.8E, 0.2, h64km21km, 010, c0677/1, Arián Jarray

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes entries for KAKA, WB2, FITZ, etc.

LDG 07:04:37:46.9; 0.5, 21.36S, 156.78E, h10km, Mb5.6/3, Error ellipse: s-maj=83.7km s-min=7.8km az=13.0









Table of astronomical observations for 7d 7h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

CSEM 07 07:11:49.3:0.2, 34.98N±2.79W, h20km, MD3.1, Error ellipse: s-maj=6.7km s-min=6.0km az=114.0

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table with columns: CAIG, EI Cayaco, 1.07 300, iP, Pb, 07 38 30.9, -2.5, etc.

IDC 07 07:42:05.8:46.0, 15.49S:172.71W, mb4.1/3, mb1 4.2/3, mb1mx3.8/14, Error ellipse: s-maj=889.0km s-min=195.0km az=79.0, Samoa Islands region

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

CASC 07 08:15:16.7:2.2, 9.51N-84.18W, h12km, 5km, mb5.5, MD21, MW4.7, 5C-12D, Fault plane solution: NP1: 621.26°, 663.4°, 133.79°

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

DJA 07 09:12:30.6:0.9, 9.53S-115.18E, h12km, 4km, ML3.8/4, 1C-7D, Error ellipse: s-maj=17.8km s-min=8.5km az=175.0, South of Bali

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

IDC 07 09:16:13.2:2.1, 12.57N-87.46W, mb3.9/6, mb1 4.3/7, mb1mx4.1/19, MS3.8/1, Ms1 3.7/1, ms1mx2.6/21, Error ellipse: s-maj=76.6km s-min=41.4km az=51.0

CASC 07 09:16:17.4:2.4, 12.05N:88.23W, h30km, 12km, MD4.4, ML3.3, mb4.4(NEIC)

NEIC 07 09:16:18.6:1.9, 12.45N:87.68W, h39km, 19km, mb4.4/10, Error ellipse: s-maj=28.2km s-min=9.7km az=49.0

ISC 07 09:16:18.0:0.6, 11.99N:104.8826W, 0.04, h51km, 5km, n65, r1909/82, mb4.2/15, MS3.8/1, 13C-9D, Off coast of central America

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

Table with columns: CGA2, Cerro Gallo 2, 4.21 1171, eP, P, 09 17 22.2, +2.1, etc.

LRAL Lakeview Retre 20.98 3 P P 09 20 54.8 -3.3

JCT Junction City 21.28 332 eP P 09 20 59.2 -2.0

LTX Lajitas 22.44 323 eP P 09 21 12.8 +0.2

TXAR Lajitas Array 22.44 323 P P 09 21 14.1 +1.4

MIAR Mount Ida 22.97 349 eP P 09 21 18.6 +0.8

MIAR Wichita Mounta 24.58 339 eP P 09 21 29.2 +0.1

CPRX Cap Rock 25.36 328 eP P 09 21 41.2 +0.3

AMTX Amarillo 25.85 334 eP P 09 21 45.2 -0.3

ANMO Albuquerque 28.21 327 P P 09 22 07.4 +0.4

PV10 Paradox Valley 32.15 328 eP P 09 22 42.3 +0.4

SAML Samuel 32.47 129 eP P 09 22 44.8 -0.1

PDAR Pinedale Array 35.81 333 P P 09 23 12.3 -1.0

PDAR Hardwe Ranch 35.86 330 eP P 09 23 14.4 +0.6

REDF Red Top Meadow 36.86 332 eP P 09 23 22.9 +0.7

SNOW Snow King Moun 36.90 332 eP P 09 23 21.9 -0.5

NVAR Minra Array Bea 37.53 320 P P 09 23 30.8 +2.9

ILAR Lac du Bonnet 38.66 352 P P 09 23 34.9 -2.2

DGMT Dagmar 38.72 343 eP P 09 23 35.6 -2.0

MCMT McKenzie Canyon 38.91 332 eP P 09 23 40.6 +1.4

BDFB Brasilia 48.37 124 LR LR 09 25 16.8 -0.4

YKA Yellowknife Arr 53.85 345 P P 09 25 35.5 -1.3

YKA Yellowknife Arr 53.85 345 P P 09 26 42.0 +0.2

YKA Yellowknife Arr 53.85 345 P P 09 25 35.5 -1.3

YKA Yellowknife Arr 53.85 345 P P 09 26 42.0 +0.2

ILAR Eielson Array 66.12 336 P P 09 27 00.3 -0.4

ASAR Alice Springs 138.37 248 PKP PKPdf 09 35 43.3 +5.8

CMAR Chiang Mai Arr 148.92 347 PKP PKPdf 09 36 01.2 +5.4

Code Station Name A° AZ' Phase ID Op ISC Time Res h m s ISC

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

Table with columns: KUR comp=E,240nm,0.5s, eS, A, 09 31 13.4 -0.9, etc.

YSS comp=E,1.1um,0.6s, 4.33 339 ePn P 09 31 29.5 -2.1

YSS comp=E,1.1um,0.6s, 4.33 339 ePn P 09 31 32.0 +0.4

TYV Tymoyskoe 8.09 349 eP P 09 32 22.0 -2.0

MAJO Matushiro 8.25 222 eP P 09 32 24.3 -1.9

MAT Matushiro 8.25 222 P P 09 32 24.7 -1.5

MAT Matushiro 8.25 222 eP P 09 33 57.6 -1.4

MAT Matushiro 8.25 222 eP P 09 32 25.0 -1.2

GAT Gornyy 9.79 326 eP P 09 33 58.0 -1.0

HACH Hachiojima 2 10.62 204 LR LR 09 32 47.1 -0.1

SKR Severo-Kuril's 10.86 41 eP P 09 33 02.0 +0.3

KLR Kuf'dur 11.15 309 eP P 09 33 05.7 +1.1

EKMR Ekimchan 12.94 326 eP P 09 33 28.2 -0.5

CN2 Changchun 14.26 280 eP P 09 33 46.9 +0.1

CN2 comp=Z,10.0nm,0.6s, 15.34 318 eP P 09 34 01.2 +0.4

YASR comp=Z,1.0nm,0.7s, 15.34 318 eP P 09 34 06.0

YASR comp=Z,3.0nm,0.7s, 15.34 318 eP P 09 34 06.0

YASR comp=Z,5.0nm,0.7s, 15.34 318 eP P 09 34 06.0

BMKR Bonnack 15.83 324 eP P 09 34 05.2 -1.9

BMKR comp=Z,1.1nm,0.7s, 15.83 324 eP P 09 34 06.0

KROS Kirovskiy 16.50 320 eP P 09 34 14.5 -1.0

HIA Hailar 18.58 299 eP P 09 34 38.6 -2.6

YAK Yakutsk 21.07 226 LR LR 09 43 42.7

YAK Yakutsk 21.16 340 iP pmax 09 35 09.5 +0.5

BJI Beijing 21.75 272 eP P 09 35 14.4 -0.4

BJI Beijing 21.75 272 eP P 09 35 14.4 -0.4

BJT Beijing 21.75 272 eP P 09 35 13.2 -1.7

SSE Sheshan 21.21 246 eP P 09 35 14.5 -5.9

SSE comp=Z,25nm,0.7s, mb4.8, 21.21 246 eP P 09 35 14.5 -5.9

NJ2 Nanjing 23.33 251 eP P 09 35 26.2 -4.2

NJ2 comp=Z,30nm,1.0s, mb4.7, 23.33 251 eP P 09 35 35.3

NJ2 comp=N,370nm,12.3s, MS4.2, 23.33 251 eP P 09 35 40.0

NJ2 comp=E,430nm,13.7s, MS4.2, 23.33 251 eP P 09 35 40.0

NJ2 comp=Z,290nm,13.1s, MS3.9, 23.33 251 eP P 09 35 40.0

HHC Hu-ho-hao-te 24.89 277 eP P 09 35 43.9 -1.5

HHC comp=Z,24nm,0.8s, mb4.8, 24.89 277 eP P 09 35 43.9 -1.5

HHC comp=Z,308nm,5.2s, 24.89 277 eP P 09 35 43.9 -1.5

BTO Baotou 26.09 277 eP P 09 35 57.3 +0.7

BTO comp=Z,25nm,1.0s, mb4.7, 26.09 277 eP P 09 35 57.3 +0.7

ULN Ulanbaatar 26.91 294 eP P 09 36 04.0 -0.2

ULN comp=Z,8.5nm,0.9s, mb4.3, 26.91 294 eP P 09 36 04.0 -0.2

WHN Wuhuan 27.35 253 eP P 09 36 09.0 +0.7

SOMN Songino Array 27.36 294 eP P 09 36 07.9 -0.3

TLY Talaya 29.04 302 iP pmax 09 36 24.4 +1.1

TLY comp=Z,9.0nm,1.1s, mb4.4, 29.04 302 iP pmax 09 36 24.4 +1.1

Table of station data for the 7d 10h period, including station names, coordinates, and various parameters like frequency and power.

Table of station data for the 2002 DEC period, including station names, coordinates, and various parameters like frequency and power.

Table of station data for the 192 period, including station names, coordinates, and various parameters like frequency and power.









Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRY Bratogost, MGR Morigerati, KRB Krupnik, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MRZ Birch Farm, BFZ Birch Farm, MKZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR, UNLN Songino Array, etc.

KISR 07 14:59:05.0.9.32.82N-50.12E, h33km, ML3.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SHGR Shooshtar-Gavs, ASAO Ashitan, NASN, etc.

NEIC 07 15:11:24.1+4.5.29.03S-178.95W, h283km, 40km, mb3.7/1

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

NEIC 07 16:09:27.9.0.9.13.04N-143.60E, h204km, 12km, mb4.2/7

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

KRSC 07 15:04:57.6-0.8.48.83N-155.44E, h41km, 44km, ML4.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ALID Alaid, PAU Pauzhetka, GRG Gorelyy, etc.

ISK 07 15:33:25.7.35.79N-30.78E, h30km, MD3.3, ML3.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANTK Antalya, BCK Bucak, FEY Fethiye, etc.

ISK 07 15:33:25.7.35.79N-30.78E, h30km, MD3.3, After ISK

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANTK Antalya, BCK Bucak, FEY Fethiye, etc.

NEIC 07 15:08:56.4.38.55S-175.89E, h163km, After WEL

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MGZ Maungaku, NGZ Ngauruhoe, CNZ Chateau, etc.

NEIC 07 15:59:29.1+2.6.7.17S-156.34E, h56km, 21km, mb3.9/11

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PMG Port Moresby, PMG, CTA, etc.

ISK 07 15:33:25.7.35.79N-30.78E, h30km, MD3.3, ML3.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANTK Antalya, BCK Bucak, FEY Fethiye, etc.

7d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Grosses Roches, La Grande 4, etc.

NEIC 07 17:20:53.8, 38.89S; 175.49E, h120km, After WEL. WEL 07 17:20:53.9, 0.2, 38.89S; 175.48E, h119km, 2km, ML3.7/11, 7C-2D, Error ellipse: s-maj=1.4km s-min=1.2km az=0.0,

Main station list for 7d 19h, including stations like MGZ, TWV, KATZ, etc. with their respective coordinates and phases.

IDC 07 17:22:18.8, 20.0, 3.99S; 119.12E, mb3.7/3, mb1 3.9/3, mb1mx3.5/15, Error ellipse: s-maj=467.0km s-min=208.5km az=20.0, Sulawesi

Table for IDC 07 17:22:18.8, 20.0, 3.99S; 119.12E, mb3.7/3, mb1 3.9/3, mb1mx3.5/15, Error ellipse: s-maj=467.0km s-min=208.5km az=20.0, Sulawesi

WEL 07 17:55:03.6, 0.1, 36.02S; 178.41E, h61km, 4km, ML3.7/6, Error ellipse: s-maj=1.1km s-min=1.6km az=30.0, Off east coast of North Island

Table for WEL 07 17:55:03.6, 0.1, 36.02S; 178.41E, h61km, 4km, ML3.7/6, Error ellipse: s-maj=1.1km s-min=1.6km az=30.0, Off east coast of North Island

2004 DEC

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

DJA 07 18:10:05.0, 0.9, 2.50S; 121.44E, h33km, ML4.6/2, 5C-2D, Error ellipse: s-maj=22.9km s-min=19.4km az=123.0, Sulawesi

Table for DJA 07 18:10:05.0, 0.9, 2.50S; 121.44E, h33km, ML4.6/2, 5C-2D, Error ellipse: s-maj=22.9km s-min=19.4km az=123.0, Sulawesi

CSEM 07 19:03:59.9, 0.8, 34.75N; 4.09W, h10km, MD3.0, Error ellipse: s-maj=19.7km s-min=10.0km az=13.0

NEIC 07 19:04:02.6, 2.4, 34.92N; 4.27W, MG2.9(MDD), After MDD. MDD 07 19:04:02.6, 2.4, 34.92N; 4.27W, mb2.9/2, Error ellipse: s-maj=22.8km s-min=9.0km az=16.0, PRAXIMO SULLICIN

CNRM 07 19:04:03.3, 34.83N, 3.96W, h15km, MD3.0, Error ellipse: s-maj=22.8km s-min=9.0km az=16.0, PRAXIMO SULLICIN

Main station list for 2004 DEC, including stations like MPAL, EMEL, EMLI, etc. with their respective coordinates and phases.

IDC 07 19:07:46.6, 2.8, 10.18S; 161.67E, mb4.0/5, mb1 4.1/5, mb1mx4.0/15, MS3.3/2, Ms1 3.2/2, ms1mx2.9/20, Error ellipse: s-maj=93.1km s-min=27.5km az=132.0, Bougainville - Solomon Islands region

Table for IDC 07 19:07:46.6, 2.8, 10.18S; 161.67E, mb4.0/5, mb1 4.1/5, mb1mx4.0/15, MS3.3/2, Ms1 3.2/2, ms1mx2.9/20, Error ellipse: s-maj=93.1km s-min=27.5km az=132.0, Bougainville - Solomon Islands region

DJA 07 19:15:09.4, 1.1, 2.29S; 121.41E, h33km, ML4.7/3, 3C-4D, Error ellipse: s-maj=25.1km s-min=24.0km az=169.0, Sulawesi

Table for DJA 07 19:15:09.4, 1.1, 2.29S; 121.41E, h33km, ML4.7/3, 3C-4D, Error ellipse: s-maj=25.1km s-min=24.0km az=169.0, Sulawesi

KRSC 07 19:28:37.5, 0.9, 48.65N; 155.91E, h40km, 10km, ML4.0, Error ellipse: s-maj=1.1km s-min=1.6km az=30.0, Bougainville - Solomon Islands region

Table for KRSC 07 19:28:37.5, 0.9, 48.65N; 155.91E, h40km, 10km, ML4.0, Error ellipse: s-maj=1.1km s-min=1.6km az=30.0, Bougainville - Solomon Islands region

196

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

NEIC 07 19:41:29.9, 1.2, 62.39S; 151.41E, h10km, mb4.6/4, Error ellipse: s-maj=86.5km s-min=11.8km az=76.0, IDC 07 19:41:33.6, 1.2, 62.76S; 145.36E, mb3.9/3, mb1 4.4/4, mb1mx4.1/11, ML4.4/1, MS3.6/5, Ms1 3.6/5, ms1mx3.5/11, Error ellipse: s-maj=68.6km s-min=23.6km az=91.0, ISC 07 19:41:27.8, 1.1, 62.45S, 0.1x15.2E, h10km, n21, 0.1s48/14, mb4.4/5, MS3.4/3, C, Bailley Islands region

Table for NEIC 07 19:41:29.9, 1.2, 62.39S; 151.41E, h10km, mb4.6/4, Error ellipse: s-maj=86.5km s-min=11.8km az=76.0, IDC 07 19:41:33.6, 1.2, 62.76S; 145.36E, mb3.9/3, mb1 4.4/4, mb1mx4.1/11, ML4.4/1, MS3.6/5, Ms1 3.6/5, ms1mx3.5/11, Error ellipse: s-maj=68.6km s-min=23.6km az=91.0, ISC 07 19:41:27.8, 1.1, 62.45S, 0.1x15.2E, h10km, n21, 0.1s48/14, mb4.4/5, MS3.4/3, C, Bailley Islands region

VNDA Vanda 15.53 172 Pn ISC P 19 47 50.6 -10

VNDA 0.2nm, 0.3s, baz=109, slow=10, SNR=1.9

VNDA comp=2.234nm, 18.1s, MS3.6, baz=220, slow=32

SBA Scott Base 16.23 169 P LR P 19 45 19.6 +2.6

RPZ Rata Peaks 21.90 40 LR LR 19 54 37.9

STKA Stephens Creek 31.23 343 LR LR 19 58 55.5

MAW Mawson 34.79 222 LR LR 20 00 17.2

ASAR Alice Springs 40.55 335 P LR 19 49 09.0 +0.4

ASAR 1.8nm, 0.8s, mb3.8, baz=164, slow=9.0, SNR=12

WB2 Warramunga Arr 44.09 336 P P 19 49 38.0 +0.5

WRA Warramunga Arr 44.09 336 P P 19 49 37.4 -0.1

WRAB Wannant Creek 44.10 336 P P 19 49 37.5 -0.1

SNAA Sanae 45.04 191 P P 19 49 42.3 -2.2

SNAA Sanae 45.04 191 P P 19 49 42.5 -2.0

SNAA Sanae 45.04 191 P P 19 49 42.5 -2.1

VNA3 Neumayer Olymp 45.99 188 P P 19 49 53.8 +1.7

VNA2 Neumayer-Watz 46.14 189 P P 19 49 54.2 +0.9

VNA1 Neumayer-Stat 46.48 189 P P 19 49 51.7 -4.2

PMSA Palmer Station 50.39 161 P P 19 50 25.0 -1.4

YKA Yellowknife Arr 142.94 50 PKPbc 20 01 11.0

AKASO Malin Arr Be 147.32 276 PKP 20 01 08.0 -2.8

ESDC Sonesca Array 152.87 224 PKPbc PKPdf 20 01 26.4 +6.7

GERES GERES Array B 153.22 259 PKPbc PKPdf 20 01 24.5 +4.7

GERES 1.4nm, 1.0s, baz=180, slow=2.7, SNR=2.6

FINES Finnesse Array B 154.99 292 PKPbc PKPdf 20 01 30.2 +8.3

CSEM 07 19:48:35.0, 0.3, 46.31N; 7.51E, h0km, 2km, ML0.9/9, Error ellipse: s-maj=2.6km s-min=1.2km az=146.0, ZUR 07 19:48:35.5, 46.33N, 7.49E, h6km, ML0.9/9, 8C-3D, Switzerland

CSEM 07 19:48:35.0, 0.3, 46.31N; 7.51E, h0km, 2km, ML0.9/9, Error ellipse: s-maj=2.6km s-min=1.2km az=146.0, ZUR 07 19:48:35.5, 46.33N, 7.49E, h6km, ML0.9/9, 8C-3D, Switzerland

Table for CSEM 07 19:48:35.0, 0.3, 46.31N; 7.51E, h0km, 2km, ML0.9/9, Error ellipse: s-maj=2.6km s-min=1.2km az=146.0, ZUR 07 19:48:35.5, 46.33N, 7.49E, h6km, ML0.9/9, 8C-3D, Switzerland

INMG 07 19:51:01.5, 1.0, 36.51N; 7.65W, h31km, ML2.2, Error ellipse: s-maj=6.7km s-min=3.4km az=40.0, MDD 07 19:51:00.2, 1.6, 36.54N; 7.65W, h21km, 18km, mbL2.4/16, Error ellipse: s-maj=21.0km s-min=6.1km az=26.0, PRAXIMO, Strait of Gibraltar

Table for INMG 07 19:51:01.5, 1.0, 36.51N; 7.65W, h31km, ML2.2, Error ellipse: s-maj=6.7km s-min=3.4km az=40.0, MDD 07 19:51:00.2, 1.6, 36.54N; 7.65W, h21km, 18km, mbL2.4/16, Error ellipse: s-maj=21.0km s-min=6.1km az=26.0, PRAXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EBAD Badajoz, EMUJ Mijas, PLOU Loures, etc.

CSEM 07 20:02:09.2.0.7, 38.47N.29.27W, h7km.10km, ML2.4, Error ellipse: s-maj=12.0km s-min=7.8km az=124.0, After PDA

PDA 07 20:02:09.2.0.7, 38.47N.29.27W, h7km.10km, MD3.4, ML2.4, Error ellipse: s-maj=12.0km s-min=7.8km az=124.0

SVSA 07 20:02:09.2.0.7, 38.47N.29.27W, h7km.10km, MD3.4, ML2.4, Error ellipse: s-maj=12.0km s-min=7.8km az=124.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CALA Caldeira, PCED Cedros, HOR Horta, etc.

INMG 07 20:24:35.0.0.9, 36.99N.9.67W, h16km.91km, ML1.3, Error ellipse: s-maj=8.6km s-min=5.7km az=9.0

MDD 07 20:24:34.2.6.6, 37.04N.9.75W, h17km.10km, mblg1.8/4, Error ellipse: s-maj=19.9km s-min=12.9km az=62.0, PRXIMO, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PTEO Sao Teotonio, PBEJ Beja, MOE Montemor, etc.

IDC 07 20:25:50.1.3.2, 24.86S.179.90W, h474km.32km, mb3.6/8, mb1.3/78, mb1mx3.5/16, Error ellipse: s-maj=30.1km s-min=25.1km az=53.0

NEIC 07 20:25:57.0.4.7, 25.05S.179.88E, h564km.60km, mb4.3/7, Error ellipse: s-maj=29.5km s-min=18.4km az=213.0

ISC 07 20:25:51.4.1.3, 24.9S.0.2.19S.0.2, h500km, n17, s0564/17, mb4.1/11, 1C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RPZ Rata Peaks, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STKA Stephens Creek, PMG Port Moresby, ASAR Alice Springs, etc.

CNRM 07 20:30:19.6, 35.37N.2.87W, h16km, MD3.2, NEIC 07 20:30:22.3, 35.03N.3.17W, MG3.4(MDD), After MDD, MDD 07 20:30:22.4, 1.4, 35.03N.3.16W, MB3.4/7, Error ellipse: s-maj=13.9km s-min=5.8km az=160.0, PRXIMO

CSEM 07 20:30:22.4.0.3, 35.14N.3.02W, h20km, mb3.4/7, Error ellipse: s-maj=7.7km s-min=4.7km az=118.0, After shock PLICA

ISC 07 20:30:23.0.4.0.7, 35.14N.0.04.3.04W.0.07, h24km.4km, n25, s097/46, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EMEL Meillia, EMLI Meillia, MELI Meillia, etc.

CNRM 07 20:39:56.6, 35.05N.2.77W, h11km, MD2.8, MDD 07 20:39:58.2.2.35, 10N.3.23W, mb3.1/3, Error ellipse: s-maj=23.0km s-min=6.2km az=171.0, PRXIMO

CSEM 07 20:39:58.1.0.4, 35.12N.3.13W, h20km, MD2.8, Error ellipse: s-maj=9.4km s-min=6.8km az=121.0, After shock PLICA

NEIC 07 20:39:59.3, 35.09N.3.15W, h10km, MG3.0(MDD), After MDD, ISC 07 20:39:59.1.0.9, 35.14N.0.07.3.2W.0.1, h23km.9km, n15, s0585/26, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EMEL Meillia, EMLI Meillia, TOU Touzarine, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EADA Adamuz, EADA Adamuz, EADA Adamuz, etc.

IDC 07 20:40:43.2.3.0, 8.44S.119.52E, mb3.9/3, mb1.4.1/5, mb1mx3.9/16, ML4.0/2, Error ellipse: s-maj=176.0km s-min=22.3km az=62.0

DJA 07 20:40:51.4.1.0, 9.32S.118.49E, h179km.11km, mb5.1/2, MDA.7/4, ML5.7/2, Error ellipse: s-maj=39.9km s-min=9.2km az=149.0

NEIC 07 20:40:52.3.0.8, 9.40S.118.57E, h100km.17km, mb4.2/1, Error ellipse: s-maj=14.6km s-min=11.1km az=58.0

ISC 07 20:40:51.4.0.8, 9.41S.0.08.118.63E.0.07, h114km.19km, n14, s1928/22, mb3.9/2, 5C-4D, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KEDI Kedondong, KEDI Rata, RATI Rata, etc.

NNC 07 20:46:01.3.21.0, 37.17N.71.80E, h116km.999km, mpv4.1, Error ellipse: s-maj=2603.1km s-min=246.3km az=108.0

ISC 07 20:46:02.3.1.2, 37.18N.0.05.72.3E.0.2, h155km.16km, n23, s099/32, 1C-2D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AML Almayashu, UCH Uchtor, KZA Kyzart, etc.

NEIC 07 20:54:45.0, 34.27N.119.68W, h0km, ML3.5(PAS), After PAS, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MWL Mount Wilson, LRV Little Rabbit, DAC Darwin (Calif), etc.

JMA 07 21:32:12.5.0.1, 43.00N.145.37E, h48km.1km, M3.5, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, JAK Akkeshi, etc.













Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like CCIG, VNA3, VNA1, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like WMOK, WMOK, MCWV, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like DAU, JLU, JAU, etc.





**NIED 08:08:55.00, 43.20N, 146.80E, h50km, Mw3.9 Best double couple: M<sub>0</sub>.05x10<sup>14</sup> N<sub>1</sub>P<sub>1</sub>φ<sub>2</sub>72°, δ74°, λ95°. N<sub>2</sub>P<sub>2</sub>φ<sub>2</sub>233°, δ16°, λ72°.**  
**MOS 08:08:55.37, 0.1, 43.37N, 146.87E, h62km, mb4.3/10, Error ellipse: s-maj=22.6km s-min=12.4km az=115.1**  
**MOS Felt (I) at Malokurilske.**  
**JMA 08:08:55.37, 9.0, 43.17N, 146.76E, h57km, mb4.2, M4.2**  
**SKHL 08:08:55.37, 9.0, 43.27N, 146.93E, h46km, mb5.4/2 SKHL Felt (I) at Malokurilske.**  
**IDC 08:08:55.41, 0.3, 43.41N, 146.72E, h79km, mb3.8/14, mb1.4, 0.15, mb1mx3.9, 23, MS2.91, Ms1 2.91, ms1mx2.3/25, Error ellipse: s-maj=23.5km s-min=18.0km az=173.0**  
**NEIC 08:08:55.42, 2.1, 63.40N, 146.71E, h89km, mb4.8/4, Error ellipse: s-maj=14.8km s-min=8.9km az=169.0**  
**NEIC Felt (I) on Shikotan.**  
**ISC 08:08:55.37, 4.0, 8.43, 32N, 0.05, 146.79E, 0.07, h64km, 6km, n54, c0=88/68, mb4.2/20, 2C-3D, Kuril Islands**

**BRTR Keskin Array B 77.65 313 P P 09 07 29.2 +0.9**  
 comp=Z,0.9nm,0.7s,mb3.8,baz=90,slow=4.9,SNR=3.6  
**BRTR Keskin Array B 77.65 313 P P 09 07 29.2 +0.9**  
 BRTR comp=Z,1.0nm,0.7s pmax pmax  
**GERES GERES Array B 79.40 331 P P 09 07 37.5 -0.3**  
 comp=Z,0.4nm,0.4s,mb3.7,baz=34,slow=4.8,SNR=3.9  
**TXAR Lajitas Array 83.11 56 P P 09 07 58.0 +0.6**  
 comp=Z,1.6nm,0.5s,mb4.3,baz=293,slow=3.6,SNR=22

**NJ2 Nanjing 15.96 281 eP P 09 42 11.1 -0.2**  
 NJ2 XP S  
 NJ2 AMB S  
 comp=Z,30nm,1.0s  
**Changchun 16.38 328 eP P 09 42 15.8 +0.4**  
 CN2 eXP S  
 CN2 eS S  
 CN2 AMB  
 comp=Z,80nm,0.6s  
**CN2 AMB AMB**  
**YSS Yuzh-Sakhalins 17.01 13 eP Pmax 09 42 22.5 +0.9**  
 YSS comp=Z,60nm,1.0s pmax pmax  
**YSS Yuzh-Sakhalins 17.01 13 eP P 09 42 22.9 +1.3**  
 comp=Z,30nm,1.0s  
 YSS comp=Z,63nm,0.5s  
**QZH Quanzhou 17.54 256 P P 09 42 26.8 -0.2**  
 QZH AMB AMB  
 comp=Z,90nm,0.8s  
**GUMO Guam 18.12 156 eP P 09 42 34.5 +1.7**  
 comp=Z,596nm,0.9s  
**BJT 19.78 305 eP P 09 42 47.6 -0.8**  
**BJI Beijing 19.78 305 eP S 09 42 47.7 -0.7**  
 BJI eS AMB AMB  
 comp=Z,25nm,1.0s  
**BJI Beijing 19.78 305 eP P 09 42 47.7 -0.7**  
 comp=Z,25nm,1.0s  
**BJI Wuhan 19.88 276 pP S 09 42 50.5 +1.1**  
 TGy Tagaytay City 22.24 227 P P 09 43 11.3 -0.1  
 TGy Tagaytay City 22.24 227 P Pmax pmax  
 comp=Z,221nm,0.9s  
**HIA Hailar 23.09 330 eP P 09 43 18.6 -0.3**  
 comp=Z,15nm,0.7s,mb4.5  
**HHC Hu-ho-hao-te 23.36 303 eP P 09 43 22.8 +1.4**  
 HHC pCP P  
 HHC S S  
 HHC AMB AMB  
 comp=Z,9.0nm,0.9s,mb4.2  
**HHC AMB AMB**  
 comp=Z,201nm,4.5s  
**ENH 24.08 277 eP P 09 43 27.5 -0.5**  
 comp=Z,48nm,0.6s,mb5.1  
**XAN Xi'an 24.33 286 P P 09 43 30.0 -0.2**  
 XAN AMB AMB  
 comp=Z,41nm,1.0s,mb4.8  
**GYA Guiyang 27.28 269 pP S 09 43 55.9 -0.6**  
 GYA S AMB  
 GYA AMB

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NEM2	Nemuro 2	0.77	273	Op P	08 55 53.0	+0.2
NEM2				eS	08 56 03.8	-0.4
YUK	Yuzh-Kuril'sk	0.98	317	iP/PN	08 55 55.6	0.0
YUK				iS	08 56 08.5	-0.5
YUK	comp=N,3um,0.2s			pmax		pmax
YUK	comp=E,3um,0.2s			pmax		pmax
YUK	comp=Z,7um,0.2s			smax		smax
YUK	comp=E,11um,0.5s			smax		smax
YUK	comp=N,8um,0.3s			iS		iS
YUK	Yuzh-Kuril'sk	0.98	317	iP	08 55 55.6	0.0
YUK				AMB	08 55 57.1	
YUK	comp=N,3um,0.2s			AMB	08 55 57.1	
YUK	comp=N,7um,0.2s			AMB	08 55 57.1	
YUK	comp=N,8um,0.3s			AMB	08 55 57.1	
YUK	comp=N,11um,0.5s			AMB	08 55 57.1	
JRA	Rausu	1.36	297	P	08 56 01.9	+1.1
JRA				eS	08 56 19.8	+1.7
JNK	Nakash	1.53	281	P	08 56 03.1	-0.1
JNK				eS	08 56 21.7	-0.5
JAK	Akkeshi	1.57	259	P	08 56 03.2	-0.4
JAK				eS	08 56 21.8	-1.2
KUR	Kuril'sk	2.06	221	iP/PN	08 56 09.0	-1.4
KUR				iS	08 56 33.5	-1.3
KUR	comp=Z,110nm,0.6s			pmax		pmax
KUR	comp=N,270nm,0.7s			smax		smax
KUR	comp=E,860nm,0.7s			smax		smax
KUR	Kuril'sk	2.06	221	iP	08 56 09.0	-1.4
KUR				AMB	08 56 10.0	
KUR	comp=E,110nm,0.6s			iS		iS
KUR	comp=E,270nm,0.7s			A		A
JTKR	Abashiri-Toko	2.19	288	P	08 56 13.5	+1.2
JTKR				eS	08 56 40.5	+2.3
JOB	Onbets	2.21	260	P	08 56 12.1	-0.4
JOB				eS	08 56 37.6	-0.9
JAR	Ashorobuto	2.21	270	eS	08 56 12.6	+0.1
JAR				eS	08 56 38.9	+0.3
JMP	Muruseppu	2.58	287	P	08 56 19.0	+1.2
JMP	Charui	2.62	255	P	08 56 17.3	-1.0
JCH	Erimo	2.98	245	P	08 56 46.7	-2.2
JEM	Kamakawa 2	2.99	282	P	08 56 24.0	+0.5
JFK	Furan	3.07	268	P	08 56 25.2	+0.5
JFR	JIE	3.07	268	P	08 56 59.8	-0.6
JFR				eS	08 56 26.9	+1.2
ASAJ	Asahikawa	3.14	286	P	08 56 27.0	+1.3
ASAJ				comp=E,6.1nm,0.3s,baz=106,slow=11,SNR=22		
ASAJ	Asahikawa	3.14	286	P	08 56 27.0	+1.3
ASAJ				comp=Z,6.0nm,0.3s		
YSS	Yuzh-Sakhalins	4.62	323	iP	08 56 47.4	+1.0
YSS				eS	08 57 38.0	-1.2
YSS	comp=N,50nm,0.6s			smax		smax
YSS	Yuzh-Sakhalins	4.62	323	eP	08 56 48.0	+1.6
YSS	Yuzh-Sakhalins	4.62	323	iP	08 56 47.4	+1.0
YSS				eS	08 57 38.0	-1.2
YSS	comp=N,50nm,0.6s			A		A
JHH	Hachijo jima 2	11.58	211	LR	09 02 26.1	
JHH				LR	09 02 26.1	
SONM	Songino Array	26.40	293	P	09 01 27.5	-0.2
SONM				comp=N,56nm,18.3s,baz=121,slow=35		
IMA	Indian Mountain	39.18	34	eP	09 03 01.7	+1.5
IMA				comp=N,64nm,1.0s,mb5.3		
ILAR	Eielson Array	41.99	36	P	09 03 23.5	+0.3
ILAR				comp=Z,1.4nm,0.7s,mb3.7,baz=287,slow=5.3,SNR=25		
ILAR	Eielson Array	41.99	36	P	09 03 23.5	+0.3
ILAR				comp=Z,1.0nm,0.7s		
MKAR	Makanchi Array	44.55	298	iP	09 03 44.7	+0.4
MKAR				comp=Z,1.0nm,0.5s		
KURK	Kurchatov	45.55	304	P	09 03 52.1	-0.1
KURK				comp=Z,1.0nm,0.5s,mb4.0		
KURK	Kurchatov	45.55	304	eP	09 03 52.1	-0.1
KURK				comp=Z,3.7nm,0.4s,mb4.7		
INK	Inuvik	46.90	30	eP	09 04 03.4	+0.8
INK				comp=Z,8.1nm,0.8s,mb4.0		
CHKZ	Chkalovo	49.21	310	P	09 04 20.3	-0.5
CHKZ				comp=Z,3.0nm,1.1s,mb4.2		
CHKZ	Chkalovo	49.21	310	eP	09 04 20.1	-0.7
BVAO	Borovoye Array	49.57	310	P	09 04 23.6	-0.0
BVAO				comp=Z,1.7nm,0.5s,mb4.4,baz=81,slow=8.9,SNR=14		
RES	Resolute Bay	55.45	17	eP	09 04 06.4	-0.8
RES				comp=Z,1.7nm,0.6s,mb4.9		
YKA	Yellowknife Ar	56.30	33	P	09 05 12.9	-0.5
YKA				comp=Z,1.0nm,0.6s,mb4.9		
YKA	Yellowknife Ar	56.30	33	P	09 05 12.9	-0.5
YKA				comp=Z,1.0nm,0.6s,mb4.9,baz=297,slow=6.5,SNR=16		
ARCES	ARCES Array B	59.56	340	P	09 05 35.2	-0.8
ARCES				comp=Z,2.8nm,0.8s,mb4.3,baz=57,slow=5.4,SNR=6.6		
ARCES	ARCES Array B	59.56	340	P	09 05 35.2	-0.8
ARCES				comp=Z,3.0nm,0.8s		
FINES	FINES Array B	65.14	333	P	09 06 12.2	-1.0
FINES				comp=Z,2.4nm,0.8s,mb4.4,baz=45,slow=8.1,SNR=9.1		
FINES	FINES Array B	65.14	333	P	09 06 12.2	-1.0
FINES				comp=Z,2.0nm,0.6s		
ASAR	Alice Springs	67.70	193	P	09 06 30.3	+0.3
ASAR				comp=Z,0.4nm,0.8s,mb3.5,baz=126,slow=37,SNR=3.2		
NVAR	Mina Array Bea	68.03	58	P	09 06 32.4	+0.6
NVAR				comp=Z,1.2nm,0.5s,mb4.2,baz=304,slow=6.2,SNR=3.9		
NORA	NORSAR Subarra	69.91	339	P	09 06 42.6	-0.4
NORA				comp=Z,2.2nm,0.4s,mb4.4,baz=32,slow=6.5		
NO2	NORSAR Array B	69.91	339	P	09 06 42.3	-0.7
NO2				comp=Z,1.1nm,0.4s,mb4.1,baz=21,slow=5.2,SNR=8.2		
NOA	NORSAR Array B	69.91	339	P	09 06 42.3	-0.7
NOA				comp=Z,1.0nm,0.4s		
PDAR	Pinedale Array	70.39	49	P	09 06 46.6	+0.4
PDAR				comp=Z,0.5nm,0.5s,mb3.7,baz=151,slow=0.6,SNR=4.8		
AKASG	Malin Array B	71.77	324	P	09 06 53.4	-0.9
AKASG				comp=Z,1.4nm,0.3s,mb4.3,baz=40,slow=6.5,SNR=11		
AKASG	Malin Array B	71.77	324	P	09 06 53.4	-1.0
AKASG				comp=Z,1.0nm,0.3s		
CLL	Colim	77.57	332	P	09 07 27.7	+0.1
CLL				comp=Z,logA/T=0.9,mb4.6		

**NIED 09:09:00, 42.90N, 145.50E, h44km, Mw3.7 Best double couple: M<sub>0</sub>.4.3x10<sup>14</sup> N<sub>1</sub>P<sub>1</sub>φ<sub>2</sub>71°, δ67°, λ69°. N<sub>2</sub>P<sub>2</sub>φ<sub>2</sub>246°, δ31°, λ131°.**  
**JMA 09:09:00, 0.1, 42.90N, 145.46E, h44km, mb3.7**  
**IDC 09:09:00, 0.2, 42.66N, 145.44E, h57km, mb3.5/4, mb1.3/6.5, mb1mx3.3/22, ML4.0/1, Error ellipse: s-maj=75.1km s-min=32.6km az=1.0**  
**ISC 09:09:00, 1.1, 2.42, 90N, 0.08, 145.46E, 0.08, h49km, 7km, n13, c0=60/21, mb3.6/4, Hokkaido region**

**NEM2 Nemuro 2 0.51 24 P P 09 09 18.5 0.0**  
 NEM2 S S  
 comp=Z,0.9nm,0.7s  
**JAK Akkeshi 0.57 280 P P 09 09 19.4 +0.2**  
 JAK eS S  
**JNK Nakush 0.88 322 P P 09 09 23.4 +0.1**  
 JNK eS S  
**JNR Rausu 1.07 347 P P 09 09 34.3 -0.9**  
 JNR eS S  
**JRA Onbets 1.20 271 P P 09 09 26.3 +0.3**  
 JRA eS S  
**JAR Ashorobuto 1.30 288 P P 09 09 40.1 +0.1**  
 JAR eS S  
**JOB Onbets 1.20 271 P P 09 09 27.8 +0.1**  
 JOB eS S  
**JAR Ashorobuto 1.30 288 P P 09 09 25.5 +0.1**  
 JAR eS S  
**JAR Ashorobuto 1.30 288 P P 09 09 45.9 0.0**  
 JAR eS S  
**JTKR Abashiri-Toko 1.56 314 P P 09 09 33.7 +0.2**  
 JTKR eS S  
**JCH Churui 1.57 260 P P 09 09 32.9 -0.2**  
 JCH eS S  
**JCH Churui 1.57 260 P P 09 09 51.9 -0.5**  
 JCH eS S  
**ASAJ Asahikawa 2.42 301 P P 09 09 46.1 +1.1**  
 ASAJ S S  
 comp=Z,20nm,0.3s,baz=101,slow=11,SNR=37  
**ASAJ 8.4nm,0.3s,baz=24,slow=29,SNR=6.0**  
**SONM Songino Array 27.68 294 P P 09 14 52.2 -0.1**  
 SONM 1.0nm,0.8s,mb3.5,baz=84,slow=7.8,SNR=7.2  
**ILAR Eielson Array 42.90 36 P P 09 17 02.8 +0.8**  
 ILAR 0.2nm,0.6s,mb3.0,baz=276,slow=8.2,SNR=4.8  
**FINES FINES Array B 65.07 333 P P 09 19 43.1 -1.0**  
 FINES 1.0nm,0.8s,mb4.1,baz=37,slow=9.9,SNR=9.8  
**AKASG Malin Array B 71.53 323 P P 09 20 23.7 -0.6**  
 AKASG 0.5nm,0.3s,mb3.9,baz=142,slow=5.5,SNR=5.6

**NIED 09:38:00, 30.40N, 137.70E, h540km, Mw4.9 Best double couple: M<sub>0</sub>.2.78x10<sup>16</sup> N<sub>1</sub>P<sub>1</sub>φ<sub>2</sub>278°, δ86°, λ20°. N<sub>2</sub>P<sub>2</sub>φ<sub>2</sub>187°, δ70°, λ178°.**  
**JMA 09:38:00, 49.7, 0.3, 30.37N, 137.68E, h524km, mb4.8, M4.8**  
**IDC 09:38:00, 51.6, 0.6, 30.44N, 137.35E, h489km, mb4.1/28, mb1.4/2/32, mb1mx4.2/35, Error ellipse: s-maj=10.1km s-min=6.7km az=86.0**  
**NEIC 09:38:00, 3.0, 0.1, 30.45N, 137.34E, mb4.6/47, MW4.9(NIED), Error ellipse: s-maj=4.7km s-min=4.0km az=80.0**  
**BJI 09:38:51.2, 30.39N, 137.38E, h500km, mb4.8, mb4.9**  
**SYO 09:38:51.5, 30.41N, 137.33E, h484km, MB4.6**  
**MOS 09:38:52.5, 0.9, 30.42N, 137.30E, h519km, mb4.5/24, Error ellipse: s-maj=16.5km s-min=8.7km az=104.0**  
**ISC 09:38:51.4, 0.3, 30.43N, 137.41E, 0.03, h500km, 2km, h500km, 5.1km; p-P, n205, c111/229, mb4.5/80, 11C-11D, Southeast of Honshu**

**LZH Lanzhou 28.54 290 eP S 09 44 07.0 -0.4**  
 LZH AMB AMB





JMOS	Jabal Moqyreh	19.02 279	P	P	10 08 27.2 -0.1
DUSS	Damascus Unive	19.11 293	iP	P	10 08 31.0 +2.7
DUSS			iP	P	10 08 31.3
DUSS			iP	P	10 08 31.9
DUSS			iP	P	10 08 32.4
DUSS	baz=118,slow=2.8				
DUSS			eS	S	10 12 06.4 +1.0
DUSS	comp=Z,47um,18.5s		AMS	AMS	10 18 21.8
DUSS	comp=E,44um,16.9s		AMS	AMS	10 18 25.3
MALT	Malatya	19.15 309	iP	P	10 08 29.8 +1.1
MYA	Malatya	19.16 309	iP	P	10 08 29.6 +0.7
GZT	Gaziantep	19.34 305	iP	P	10 08 30.9 0.0
KSH	Kashi	19.48 48	iP	P	10 08 34.7 +2.3
KSH			eAP	P	10 08 46.0
KSH			ePP	PP	10 08 54.4 +4.3
KSH			eXP	P	10 08 56.2
KSH			eS	S	10 12 06.0 +1.2
KSH			eSS	SS	10 12 25.0
KSH			eSS	SS	10 12 33.0 +1.6
KSH	comp=Z,230nm,4.9s		AMB	AMB	
KSH	comp=N,1um,6.7s		LR	LR	
KSH	comp=E,1um,5.1s		LR	LR	
GAZ	Gaziantep	19.52 304	eP	P	10 08 33.1 +0.1
AYUS	'Ayunah	19.58 277	P	P	10 08 34.1 +0.4
GUMT	Gumushane	19.59 316	eP	P	10 08 33.1 -0.7
AML	Almayshu	19.68 38	P	P	10 08 34.0 -0.6
AML	Almayshu	19.68 38	eP	P	10 08 32.3 -2.4
BDAS	Al Bad'	19.71 278	N	P	10 08 35.4
EIL	Eilat	19.82 281	P	P	10 08 37.3 +1.0
EIL	comp=E,1.4nm,0.3s,ba=78,slow=8.2,SNR=16		LR	LR	
EIL	comp=E,508nm,21.3s,ba=99,slow=41		LR	LR	
EIL	comp=E,18nm,0.8s		LR	LR	
HAQS	Haqi	19.84 280	P	P	10 08 37.0 +0.4
TAYS	Tayyib Ism	19.91 278	N	P	10 08 37.6
KAHT	Ahkr Dag	19.95 305	iP	P	10 08 38.5 +0.8
COBT	Kisenderun	19.99 302	iP	P	10 08 39.5 +1.7
EKSZ	Erkin-Say	20.08 37	P	P	10 08 37.7 -1.3
EKSZ	Erkin-Say	20.08 37	eP	P	10 08 37.1 -1.8
PTH	Phthoragarh	20.12 79	eP	P	10 08 42.0 +2.5
PTH			e	P	10 10 26.0
KIV	Kislovodsk	20.18 328	eP	P	10 08 39.6 -0.4
KIV			eS	S	10 08 58.3
KIV			eSS	SS	10 12 20.7 +1.1
KIV			eSS	SS	10 12 47.3 -1.6
KIV	comp=Z,72nm,1.0s		MLR	MLR	
KIV	comp=N,241nm,20.0s,MS3.7		MLR	MLR	
KIV	comp=E,248nm,20.0s,MS3.7		MLR	MLR	
KIV	comp=Z,314nm,20.0s,MS3.7		MLR	MLR	
KIV	Kislovodsk	20.18 328	iP	P	10 08 39.9 -0.1
UCH	Uchtor	20.20 39	P	P	10 08 44.5 +4.4
UCH	Uchtor	20.20 39	eP	P	10 08 38.3 -1.9
AAK	Ala-Archa	20.45 38	P	P	10 08 41.5 -1.3
AAK	Ala-Archa	20.45 38	dIP	P	10 08 40.1 -2.7
AAK	comp=Z,9.0nm,0.7s		pmx	pmx	
AAK	comp=Z,1um,14.0s,MS4.4		MLR	MLR	
AAK	Ala-Archa	20.45 38	eP	P	10 08 40.0 -2.8
KZA	Kyzart	20.52 41	P	P	10 08 43.7 +0.3
CEYT	Ceyhan	20.54 303	eP	P	10 08 45.7 +1.9
FRU	Bishkek	20.65 38	eP	P	10 08 48.0 +3.1
FRU			pmx	pmx	
SVST	Uspenkovka	20.86 311	iP	P	10 08 50.6 +3.6
USP	Ospenkovka	20.88 37	P	P	10 08 48.2 +1.0
BNN	Bunyan	21.20 307	eP	P	10 08 50.5 +0.1
ULHL	Ulahol	21.20 42	P	P	10 08 50.1 -0.3
TKM2	Tokmak 2	21.25 39	P	P	10 08 49.9 -1.1
TKM2	Tokmak 2	21.25 39	eP	P	10 08 49.5 -1.5
SOC	Sochi	21.42 323	eP	P	10 08 54.1 +1.5
SOC			eS	S	10 12 51.5 +8.0
SOC	comp=N,32nm,0.8s		pmx	pmx	
SOC	comp=E,19nm,0.8s		pmx	pmx	
SOC	comp=Z,40nm,0.8s,mb4.8		pmx	pmx	
SOC	comp=Z,533nm,11.0s,MS4.2		MLR	MLR	
SOC	comp=N,1um,16.0s,MS4.4		MLR	MLR	
SOC	comp=E,730nm,16.0s,MS4.4		MLR	MLR	
MEST	Erdemli	21.62 300	iP	P	10 08 53.5 -1.2
CSS	Prodromos	21.82 296	eP	P	10 08 57.6 +0.9
AVNT	Avonos	21.87 306	iP	P	10 08 57.7 +0.5
YOZ	Yozgat	21.91 309	eP	P	10 08 58.9 +1.3
HYB	Hyderabad	21.97 113	eP	P	10 09 00.0 +1.7
HYB	Hyderabad	21.97 113	iP	P	10 09 00.0 +1.7
CTKT	Corum	22.72 311	iP	P	10 09 06.3 +0.7
KAMT	Kaman	22.92 307	eP	P	10 09 07.3 -0.3
BRTR	Reskin Array B	23.12 308	eP	P	10 09 10.6 +1.1
BYBT	Boyabat	23.14 313	eP	P	10 09 12.2 +2.5
KOLN	Koldanda	23.18 83	eP	P	10 09 11.3 +1.0
TOS	Tosya	23.43 311	eP	P	10 09 11.5 -1.0
CANT	Canikri	23.51 310	eP	P	10 09 14.3 +1.1
ELDT	Eldivan	23.59 309	iP	P	10 09 14.8 +0.8
ANTO	Ankara	23.77 307	eP	P	10 09 15.7 -0.1
KIZT	Kizilcal	24.06 304	P	P	10 09 20.6 +1.9
GKN	Gorkha	24.07 83	eP	P	10 09 20.5 +1.6
GKN	Gorkha	24.07 83	eP	P	10 09 20.6 +1.7
BALT	Daday	24.09 312	iP	P	10 09 19.4 +0.5
SAFT	Safranbolu	24.42 310	eP	P	10 09 20.6 -1.6
DMN	Daman	24.43 83	eP	P	10 09 25.0 +1.7
SGKT	Sivrigoyunuk	24.57 308	iP	P	10 09 25.0 +1.4
KKN	Kakirani	24.66 83	eP	P	10 09 25.0 +0.4
ISP	Isparta	24.76 301	eP	P	10 09 29.7 +4.3
ISP	Isparta	24.76 301	dIP	P	10 09 24.9 -0.5
PKI	Pulchoki	24.80 83	eP	P	10 09 27.4 +1.5
ESKH	Esikshir	25.04 305	iP	P	10 09 28.7 +0.5
MDU	Mudurnu	25.12 308	eP	P	10 09 26.9 -1.9
GUN	Gumba	25.18 83	eP	P	10 09 30.9 +1.4
GUN	Gumba	25.18 83	eP	P	10 09 31.1 +1.6
SIM	Simferopol'	25.41 319	eP	P	10 09 27.2 -4.3
SIM			S	S	10 14 02.0 +8.5
SIM	comp=Z,31nm,0.8s,mb4.9		pmx	pmx	
SIM	comp=Z,800nm,22.0s,MS4.2		MLR	MLR	
ALT	Altintas	25.42 304	eP	P	10 09 34.4 +2.7
HENT	Henke	25.48 308	iP	P	10 09 32.8 +0.6
YER	Yerkesik	26.30 299	eP	P	10 09 41.6 +1.8
HRT	Hereke	26.34 307	eP	P	10 09 40.7 +0.5
ULDT	Uludag	26.49 305	iP	P	10 09 42.2 +0.7
DST	Dursunbey	26.69 304	eP	P	10 09 47.3 +3.9
AKS	Akhisar	27.08 302	eP	P	10 09 39.5 -7.5
BVAR	Borovoye Array	27.18 17	P	P	10 09 46.6 -1.1
BVAR	comp=Z,22nm,0.8s,mb4.8,ba=202,slow=9.0,SNR=98		PcP	PcP	
BVAR	comp=Z,3.1nm,0.5s,ba=227,slow=2.8,SNR=6.3		PcP	PcP	
BRVK	Borovoye	27.18 17	eP	P	10 09 46.6 -1.1

VRSR	Storozhevoye	27.33 335	eP	P	10 09 48.2 -0.9
VRSR			ePP	P	10 09 59.3 +0.7
VRSR			eSP	SP	10 10 08.1 +5.3
VRSR			e	P	10 10 30.4
VRSR			e	P	10 10 08.9
VRSR			eSS	SS	10 15 40.8 -1.4
VRSR			eSSS	SSS	10 15 58.3 -2.2
VRSR	comp=Z,20nm,0.8s,mb4.7		pmx	pmx	
VRSR	comp=N,50nm,1.0s		pmx	pmx	
VRSR	comp=E,30nm,0.9s		pmx	pmx	
CHKZ	Chkalovo	27.83 17	eP	P	10 09 51.9 -1.7
KURK	Kurchatov	28.16 29	iP	P	10 09 55.1 -1.6
KURK	Kurchatov	28.16 29	eP	P	10 09 55.3 -1.4
IDI	Anoyia	28.70 294	P	P	10 10 02.1 +0.5
ARU	Arti	28.84 11	iP	P	10 10 01.4 -1.3
ARU			e	P	10 10 51.0
ARU			eS	S	10 13 03.9
ARU			eSS	SS	10 14 48.8 -0.3
ARU			eSSS	SSS	10 16 17.4 -0.1
ARU			e	P	10 20 42.7
ARU	comp=Z,5.0nm,1.1s,mb4.2		MLR	MLR	
ARU	comp=Z,500nm,19.0s,MS4.1		MLR	MLR	
ARU	comp=N,400nm,22.0s,MS4.2		MLR	MLR	
ARU	comp=E,500nm,19.0s,MS4.2		MLR	MLR	
ARU	Arti	28.84 11	iP	P	10 10 01.7 -1.0
WMQ	Urumqi	29.24 48	iP	P	10 10 06.5 +0.2
WMQ			AP	P	10 10 22.1 +6.2
WMQ			PP	P	10 11 02.2 +0.7
WMQ			PPP	P	10 11 15.8 +1.1
WMQ			P	S	10 14 51.9 -3.7
WMQ	comp=N,689nm,20.2s,MS4.5		LR	LR	
WMQ	comp=E,999nm,21.2s,MS4.5		LR	LR	
WMQ	comp=Z,1um,23.6s,MS4.5		MLR	MLR	
RDO	Rodhopi	29.40 306	P	P	10 10 09.3 +1.4
LSA	Lhasa	29.63 78	P	P	10 10 11.0 +0.9
RZN	Rozhen	30.15 306	eP	P	10 10 15.0 +0.4
MMB	Musomiste	30.83 306	eP	P	10 10 22.0 +1.4
SHL	Shillong	30.84 86	eP	P	10 10 20.0 -0.8
KKB	Krupnik	31.37 306	eP	P	10 10 26.0 +0.6
OBN	Obninsk	31.39 337	iP	P	10 10 24.0 -1.4
OBN			pmx	pmx	
OBN	comp=Z,28nm,1.0s,mb5.0		MLR	MLR	
OBN	comp=Z,300nm,18.0s,MS4.0		MLR	MLR	
OBN	Obninsk	31.39 337	iP	P	10 10 24.5 -0.9
AKASG	Malin Array Be	31.46 325	P	P	10 10 24.2 -1.8
AKASG	comp=Z,2.2nm,0.5s,mb4.2,ba=132,slow=8.6,SNR=10		PcP	PcP	
AKASG	comp=Z,0.2nm,0.2s,ba=83,slow=2.3,SNR=5.7		PcP	PcP	
VTS	Vitoshka	31.48 307	eP	P	10 10 27.5 +1.1
SOKR	Solkamsk	31.89 359	iP	P	10 10 28.7 -1.7
SOKR			pmx	pmx	
SOKR	comp=Z,20nm,0.9s,mb5.0		MLR	MLR	
SKO	Skopje	32.59 306	iP	P	10 10 36.8 +0.9
SKO			iP	P	10 10 46.6 +1.1
BOLS	Bojavec	32.74 309	iP	P	10 10 36.8 -0.4
NVS	Novosibirsk	33.08 27	iP	P	10 10 37.8 -2.3
NVS			iS	S	10 15 46.8 -9.0
NVS	comp=Z,32nm,1.3s,mb5.1		pmx	pmx	
NVS	comp=N,25nm,1.5s		pmx	pmx	
NVS	comp=E,9.0nm,1.3s		pmx	pmx	
NVS	comp=N,26nm,1.9s		smx	smx	
NVS	comp=E,4.0nm,1.1s		smx	smx	
ZAL	Zalesovo	33.13 30	P	P	10 10 38.9 -1.6
ZAL	comp=Z,10nm,0.3s,mb5.3,ba=233,slow=7.5,SNR=45		LR	LR	
ZAL	Zalesovo	33.13 30	LR	LR	10 27 04.4
ZAL	comp=E,612nm,18.3s,MS4.3,ba=242,slow=42.2		LR	LR	
DIVS	Divcibare	34.17 309	iP	P	10 10 48.5 -1.3
KOLS	Kolonickce sedl	34.42 318	iP	P	10 10 51.9 +0.2
KOLS			iP	P	10 11 02.3 +1.0
KOLS			ePcP	PcP	10 12 23.7 -3.3
KWP	Kalwaria	34.47 319	eP	P	10 10 51.2 -1.0
KMBO	Kilima Mbogo	34.51 217	P	P	10 10 56.3 +3.4
KMBO	Kilima Mbogo	34.51 217	eP	P	10 10 57.5 +4.6
CRVS	Cervenica-Dubn	34.89 317	eP	P	10 10 55.1 -0.7
CRVS			e	P	10 11 04.4 -1.0
PSZ	Piszkesteto	35.47 315	eP	P	10 11 00.8 +0.1
TIP	Timpagrande	35.59 300	eP	P	10 10 59.8 -2.0
VYHS	Vyhne	36.34 316	eP	P	10 11 08.1 0.0
VYHS			e	P	10 11 15.4
OJC	Ojcow	36.42 319	eP	P	10 11 07.8 -0.9
SLN	Sala Consilina	36.59 301	eP	P	10 11 11.0 +0.7
MRL	Muro Lucano	36.78 302	eP	P	10 11 13.1 +1.5
SGO	Sicignano	36.86 302	eP	P	10 11 13.9 +1.3
GTA	Gaotai	36.97 60	eP	P	10 11 13.6 +0.2
GTA			AP	PP	10 11 29.5 +6.4
GTA			S	SS	10 12 42.0 +2.0
GTA			AMB	AMB	10 16 53.3 -2.7
GTA	comp=Z,79nm,4.9s		LR	LR	
GTA	comp=N,587nm,17.5s,MS4.7		LR	LR	
GTA	comp=E,822nm,17.1s,MS4.7		LR	LR	
BOJS	Bojanci	37.80 310	eP	P	10 11 17.3 -1.3
BOJS			e	P	10 11 20.8 +0.5

8d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LPL La Plagne, CDF Champ du Feu, HINIF Hinterhof, etc.

2004 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ECAL Catador, ESPR Espera, ESPR Espera, etc.

208

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ISC 08 10:30:52.9, AML Almayashu, AML Almayashu, etc.

IDD 08 10:30:54.1, 2.7, 36.32N-67.61E, mb3.4/4, mb1 3.7/5, mb1mx3.5/20, ML3.9/1, Error ellipse: s-maj=61.7km s-min=28.8km az=162.0

UPP 08 10:57:42.7, 59.88N-24.54E, h0km, ML2.4, Mining explosion. CSEM 08 10:57:43.0, 1.5, 59.79N-24.30E, h2km, ML2.2, Error ellipse: s-maj=4.5km s-min=1.7km az=152.0, Mining explosion.

IDC 08 10:57:47.2, 0.60, 0.09N-24.08E, mb1 3.3/3, mb1mx3.1/18, ML3.3/2, Error ellipse: s-maj=23.2km s-min=5.6km az=150.0

HEL 08 10:57:43.9, 0.3, 59.76N-24.37E, ML2.2, ML2.4(UPP), ML2.4(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Pernaia, Virojoki, FINESS Array S, etc.

BER 08 11:03:42.0, 3.3, 59.63N-24.77E, ML2.6(NAO), Suspected explosion

CSEM 08 11:03:42.7, 0.5, 59.85N-24.39E, h2km, ML2.3, Error ellipse: s-maj=3.9km s-min=2.5km az=178.0, Mining explosion

HEL 08 11:03:43.8, 0.2, 59.80N-24.40E, ML2.3, ML2.5(UPP), ML2.6(NAO), Explosion

NAO 08 11:03:43.7, 3.2, 59.83N-24.37E, ML2.6 UPP 08 11:03:43.4, 6.0, 0.1N-24.42E, h0km, ML2.5, Mining explosion

IDC 08 11:03:46.9, 1.9, 60.07N-24.19E, mb1 3.4/3, mb1mx3.1/18, ML3.3/3, Error ellipse: s-maj=21.6km s-min=5.7km az=150.0

ISC 08 11:03:42.0, 0.5, 59.84N-24.38E, 0.06, n28, sigma141/49, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Pernaia, Virojoki, FINESS Array S, etc.

Table with columns: HFS, S, Sn, Time, Res. Lists stations like HFS, HFS, HFS, etc.

IDC 08 11:09:40.2, 0.59, 78N-24.61E, mb1 3.3/3, mb1mx3.1/18, ML2.8/3, Error ellipse: s-maj=22.3km

BER 08 11:09:40.6, 3.0, 59.70N-24.59E, ML2.2(NAO), Suspected explosion

NAO 08 11:09:41.7, 3.4, 59.85N-24.32E, ML2.2 HEL 08 11:09:41.4, 0.1, 59.82N-24.39E, ML2.0, ML2.2(UPP), ML2.2(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Pernaia, Virojoki, FINESS Array S, etc.

NAO 08 11:23:22.9, 3.5, 60.88N-28.88E, ML2.2 BER 08 11:23:24.2, 2.2, 60.94N-28.89E, ML2.2(NAO), Suspected explosion

HEL 08 11:23:24.0, 0.2, 60.97N-28.97E, ML1.6, ML2.2(NAO), Explosion, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Virojoki, FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CHKT, Taitung, TWG, etc.



Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PVIS, CIA, Chichaua, EADA, etc.

NEIC 08 14:36:11.7±2.5, 2.45S; 139.98E, h41km±25km, mb4.2/10, Error ellipse: s-maj=18.4km s-min=13.0km az=103.0

ISC 08 14:36:09.2±3.2, 2.56S±0.06; 139.89E±0.09, h33km±22km, n33, e092/38, mb4.4/17, MS3.8/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PMG, KAKA, WRAB, WB2, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KURK, VANDA, VNSA, etc.

BJI 08 14:36:58.9, 39.56N, 76.99E, h16km, ML3.5, 1C, Southern Xinjiang

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

ISC 08 15:32:00.9±1.7, 13.57S±166.94E, mb4.1/6, mb1 4.3/6, mb1mx4.1/14, MS3.6/3, Mst 3.6/3, ms1mx3.4/14, Error ellipse: s-maj=65.2km s-min=25.6km az=134.0

ISC 08 15:32:12.6±5.5, 13.8S±0.2, 166.8E±0.2, h104km±56km, n9, e123/8, mb3.9/6, Vanuatu Islands

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

INMG 08 15:35:47.6±0.8, 37.00N±8.95W, h25km±5km, ML1.8, Error ellipse: s-maj=9.0km s-min=3.5km az=80.0

MDD 08 15:35:46.8±2.0, 36.99N±9.01W, h29km±13km, mblg2.1/5, Error ellipse: s-maj=20.2km s-min=11.0km az=70.0, PRXIMO, West of Gibraltar

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

NEIC 08 16:31:24.3, 17.52N; 101.06W, h8km, MD4.0 (MEX), After MEX 08 16:31:25.6±1.7, 17.48N±101.14W, h27km±45km, MD4.0, 1C, Near coast of Guerrero

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

NEIC 08 17:06:18.0, 32.29S; 138.10E, h10km, ML2.8 (AUST), After AUST

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

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

NIED 08 17:15:00.36, 70N, 140.90E, h53km, Mw4.0 Best double couple: M1.33x10^15 NP1 phi=23°, delta=7°, 1.89°. NP2 phi=206°, delta=93°, 1.93°

NEIC 08 17:15:18.6±0.6, 36.63N±141.08E, h10km, mb4.3/6, Error ellipse: s-maj=13.6km s-min=11.0km az=160.0

NEIC Felt in Fukushima Prefecture. Recorded [3 JMA] in Fukushima and [2 JMA] in Ibaraki and Tochigi Prefectures.

MOS 08 17:15:20.3±0.9, 36.58N±140.82E, h37km, mb4.5/9, Error ellipse: s-maj=38.8km s-min=15.2km az=96.0

ISC 08 17:15:23.5±1.6, 36.63N±140.94E, h45km±16km, mb3.9/16, JFT mb1 4.1/19, mb1mx4.0/26, ML4.1/3, Error ellipse: s-maj=14km s-min=8km az=96.0

JMA 08 17:15:23.6±1.1, 36.64N±140.93E, h49km±1km, M4.2 Broadband fault plane solution: P waves. NP1 phi=193°, delta=4°, 1.91°. NP2 phi=111°, delta=56°, 1.89°. Principal axes: T P1g79°, Azm278°; N P1g11°, Azm12°; P P1g11°, Azm102°; JMA Felt III J.

ISC 08 17:15:22.2±0.6, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

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

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu

ASAJ 08 17:15:22.0±0.7, 36.62N±0.03, 141.00E±0.06, h53km±4km, n56, e084/70, mb4.3/26, 1C-7D, Near east coast of eastern Honshu





Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WUWY, SNOW, YNR, REDW, etc.

IDC 08 19:21:40.3;9.0,12.235x166.50E,mb3.8/3,mb1 4.0/3, mb1mx3.8/14,MS3.5/5,Ms1 3.5/5,ms1mx3.3/19,Error ellipse: s-maj=247.0km s-min=47.8km az=121.0,Santa Cruz Islands

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

OTT 08 19:31:08.5;0.1,49.60N:66.96W,h18km,MN2.9/18, 1C-1D,47km south from Port-Cartier, Qc Lower St. Lawrence Seismic Zone, Quebec, Gaspe Peninsula

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

IDC 08 19:46:30.5;3.6,8.24S-158.45E,mb3.9/5,mb1 4.0/5, s-min=32.7km az=106.0,Bougainville - Solomon Islands region

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

STKA Stephens Creek 28.27 211 P P 19 52 24.6 -3.0
FITZ Yellowknife Arr 33.37 250 P P 19 53 10.8 -2.0
SONM Songino Array 72.25 326 P P 19 57 58.0 -1.6

PRU 08 20:28:31.5;5.0,11N:18.39E
WAR 08 20:28:30.8;5.0,60N:18.45E,h0km,ML2.4,1C,Mining

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

WEL 08 20:59:51.9;0.2,39.06Sx179.64E,h33km,ML3.8/9,Error ellipse: s-maj=2.3km s-min=1.3km az=90.0,Off east coast of North Island

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

IDC 08 21:37:13.4;2.7,51.88N:179.21E,mb3.4/4,mb1 3.7/5, mb1mx3.5/23,ML3.7/1,Error ellipse: s-maj=49.4km, s-min=11.3km az=166.0,Rat Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FX1, ILAR, etc.

IDC 08 21:55:05.4;1.1,32.40N:90.70E,mb3.6/6,mb1 3.8/8, mb1mx3.7/20,ML3.9/2,MS3.4/3,Ms1 3.4/3,ms1mx3.1/22, Error ellipse: s-maj=36.9km s-min=22.4km az=54.0, BUI 08 21:55:06.4;32.71N:90.60E,h15km,mb3.4,ML3.9,Ms4.0, Ms23.4

NEIC 08 21:55:07.9;4.2,32.48N:90.63E,h15km,28km,mb3.6/9, Error ellipse: s-maj=13.7km s-min=7.4km az=217.0

ISC 08 21:55:08.0;4.3,32.56N:0.04;90.71E;0.06,h33km,n27, r1502/29,mb3.7/8,MS3.4/2,Kizang

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

ENH Enshi 16.20 93 P P 21 58 57.2 +1.7
AAK Ala-Archa 16.29 313 P P 21 58 56.8 +0.3
EKSZ Erkin-Say 16.75 312 P P 21 59 01.4 -1.0

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

LDG 08 21:59:58.4;0.0,43.06N:0.31W,h4km,Md2.4/2,ML2.2/4, Error ellipse: s-maj=0.9km s-min=0.6km az=156.0

STR 08 21:59:58.4;0.1,43.05N:0.31W,h5km,1km,ML2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 08 21:59:58.4;0.1,43.07N:0.31W,h2km,ML2.5/5, Error ellipse: s-maj=1.0km s-min=0.8km az=146.0

MDD 08 21:59:58.5;0.2,43.07N:0.32W,h7km,3km, mblg1.7/5, Error ellipse: s-maj=2.6km s-min=1.4km az=7.0, PRXIM0, Pyrenees

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

IDC 08 22:10:07.3;1.2,1.00N:124.76E,mb3.8/5,mb1 4.0/6, mb1mx3.8/17,ML4.2/1,MS3.3/1,Ms1 3.3/1,ms1mx2.6/19, Error ellipse: s-maj=102.0km s-min=19.3km az=70.0

NEIC 08 22:10:29.0;3.6,0.38N:123.80E,h202km,38km,ML4.3/3,



Table with columns: YKA, Yellowknife Arr, 57.21 33 P, 00 01 43.6 -0.8, etc. Includes stations like Yellowknife Arr, Yellowknife Arr, Yellowknife Arr, etc.

Table with columns: SSF, Saint Sault, 84.39 335 eP, 00 04 28.3 0.0, etc. Includes stations like Saint Sault, Signal de Mont, Avil sur Loir, etc.

Table with columns: BNM, Barren Site, 76.630 eP, 00 07 02.0 +0.9, etc. Includes stations like Barren Site, Albuquerque, Lobatse, etc.

SYO 08 23:55:07.3, 37.745:70.77W, h100km, MB4.7  
NEIC 08 23:55:12.9, 0.4, 37.505:70.76W, h143km, 3km, mb4.7/12,  
MD4.1 (GUC), Error ellipse: s-maj=9.4km s-min=5.3km  
az=93.0  
GUC 08 23:55:12.5, 1.0, 37.435:71.08W, h152km, 17km, MD4.1,  
SFA=9.4

IDC 08 23:55:15.7, 3.5, 37.455:70.73W, h167km, 3km, mb4.2/12,  
MD 4.3/15, mb1mx4.2/17, Error ellipse: s-maj=18.6km  
s-min=11.6km az=81.0  
ISC 08 23:55:12.1, 0.4, 37.475:70.83W, 0.09, h146km, 4km,  
n80, i04/1078, mb4.4, 23/63-10D, Southarray

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Chillan, Temuco, Talca, San Fernando, etc.

TRN 09 00:01:24.2, 15.78N-61.40W, h25km, MD3.8, 6C-1D,  
Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Marie-Galante, Barber's Block, Desirade, etc.

IDC 09 00:19:41.3, 1.2, 26.39S:26.96E, mb4.0/5, mb1 4.2/6,  
mb1mx3.9/22, ML4.2/1, Error ellipse: s-maj=56.5km  
s-min=19.2km az=112.0

NEIC 09 00:19:41.6, 0.8, 26.48S:27.38E, h5km, Error ellipse:  
s-maj=19.9km s-min=10.3km az=107.0  
PRE 09 00:19:42.0, 1.4, 26.41S:27.39E, h2km, ML3.7  
ISC 09 00:19:42.0, 0.4, 26.40S:0.03, 27.36E, 0.04, h2km, m21,  
i129/33, mb4.0/5, 2C-1D, South Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Koster, Silverton, Senekal, etc.

NIED 09 00:29:00, 33.20N, 137.30E, h11km, Mw3.7 Best double  
couple: M3.93x1014 NP1<sub>9</sub>76° 663°, 196°. NP2<sub>2</sub>243°  
828°, 179°

JMA 09 00:29:24.0, 0.1, 33.25N, 137.27E, h42km, 2km, M3.7  
ISC 09 00:29:24.0, 0.7, 33.25N, 137.28E, 0.03, h50km, 13km,  
n19, i09/63/37, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Tokai 1, Tokai 2, Tokai 3, etc.



BJI	comp=Z,18nm,0.5s,mb4.8	Beijing	23.75 309	P	P	01 58 42.3 -1.9
BJI	comp=Z,25nm,0.7s,mb4.8			AMB	AMB	
BJI	comp=Z,142nm,5.1s			AMB	AMB	
BJI	comp=Z,142nm,5.1s	Beijing	23.75 309	P	P	01 58 42.3 -1.9
ENH	comp=Z,25nm,0.7s,mb4.8	Enshi	27.11 284	eP	P	01 59 13.1 -1.2
ENH	comp=Z,50nm,0.6s,mb5.1			P	P	
HIA	comp=Z,33nm,0.7s,mb4.9	Hailar	27.20 330	eP	P	01 59 14.2 -0.7
HHC	comp=Z,33nm,0.7s,mb4.9	Hu-ho-hao-te	27.30 307	eP	P	01 59 13.8 -2.0
HHC				AP	AMB	
HHC	comp=Z,36nm,0.8s,mb4.8			AMB	AMB	
HHC				AMB	AMB	
XAN	comp=Z,107nm,5.2s	Xi'an	27.75 292	P	P	01 59 19.2 -0.7
XAN				P	AMB	
GYA	comp=Z,23nm,0.7s,mb4.7	Guiyang	29.92 277	iP	P	01 59 38.6 -0.2
GYA	comp=Z,30nm,0.7s,mb4.8			AMB	AMB	
GYA	comp=Z,170nm,5.4s			AMB	AMB	
LZH	comp=Z,32nm,0.7s,mb4.7	Lanzhou	32.10 295	iP	P	01 59 57.0 -0.4
LZH	comp=Z,58nm,1.2s,mb4.9			AMB	AMB	
LZH	comp=Z,58nm,1.2s,mb4.9			P	P	
LZH	comp=Z,58nm,1.2s,mb4.9			P	P	
ULN	comp=Z,33nm,1.0s,mb4.7	Ulaanbaatar	33.13 318	dIP	P	02 00 05.9 +0.1
ULN				iPP	P	
ULN	comp=Z,33nm,1.0s,mb4.7	Ulaanbaatar	33.13 318	eP	P	02 00 05.8 -0.1
MA2	comp=Z,33nm,1.0s,mb4.7	Magadan	33.27 10	eP	P	02 00 17.6 +1.1
MA2				P	P	
SOM	comp=Z,180nm,2.9s,mb5.0	Songino Array	33.51 317	P	P	02 00 09.1 +0.1
SOM	comp=Z,9.3nm,0.6s,mb4.4,baz=124,slow=7.5,SNR=91			P	P	
SOM	comp=Z,1.9nm,0.4s,baz=127,slow=3.0,SNR=7.8			P	P	
SOM	comp=Z,1.4nm,0.7s,baz=139,slow=3.6,SNR=6.4			P	P	
KMI	comp=Z,26nm,0.8s,mb4.7	Kunming	33.64 275	eP	P	02 00 11.2 +0.8
KMI	comp=Z,26nm,0.8s,mb4.7			AMB	AMB	
KMI	comp=Z,26nm,0.8s,mb4.7			P	P	
YAK	comp=Z,19nm,0.9s,mb4.5	Yakutsk	35.63 351	eP	P	02 00 18.9
YAK				eS	P	
YAK				P	P	
YAK	comp=Z,19nm,0.9s,mb4.5			P	P	
YAK	comp=N,8.0nm,1.1s			P	P	
YAK	comp=E,10.0nm,1.0s			P	P	
YAK	comp=N,8.0nm,0.9s	Yakutsk	35.63 351	P	P	02 00 25.4 -1.2
YAK	comp=N,48nm,1.0s,mb4.9	Gaotai	35.67 301	iP	P	02 00 27.3 +0.1
GTA	comp=Z,29nm,0.9s,mb4.7			AP	P	
GTA	comp=Z,118nm,5.0s			P	P	
BOD	comp=Z,118nm,5.0s	Bodaibo	35.83 336	eP	P	02 00 27.7 -0.6
TLY	comp=Z,11nm,0.5s,mb4.5	Talaya	36.84 322	eP	P	02 00 37.1 +0.3
CMAR	comp=Z,11nm,0.5s,mb4.5	Chiang Mai Arr	38.88 266	P	P	02 00 53.9 +0.1
CMAR	comp=Z,6.2nm,0.7s,mb4.2,baz=58,slow=8.5,SNR=34			P	P	
CMAR	comp=Z,2.4nm,0.6s,baz=85,slow=1.6,SNR=8.0			P	P	
CMAR	comp=Z,1.2nm,0.5s,baz=45,slow=2.0,SNR=4.4			P	P	
CMAR	comp=Z,1.2nm,0.5s,baz=45,slow=2.0,SNR=4.4	Chiang Mai Arr	38.88 266	P	P	02 00 53.9 +0.1
CMAR	comp=Z,6.0nm,0.7s			P	P	
CMAR	comp=Z,2.0nm,0.6s			P	P	
CMAR	comp=Z,2.0nm,0.6s			P	P	
LSA	comp=N,1.0nm,0.5s	Lhasa	42.99 285	eP	P	02 01 28.4 +1.6
SHL	comp=Z,9.8nm,0.4s,mb4.6	Shillong	43.14 279	eP	P	02 01 27.7 -0.8
SHL				eS	P	
TIXI	comp=Z,15nm,1.0s,mb4.4	Tiksi	45.03 355	eP	P	02 01 40.0 -2.2
WMQ	comp=Z,15nm,1.0s,mb4.4	Urumqi	45.15 306	iP	P	02 01 44.0 +0.5
WMQ				AMB	AMB	
WRAB	comp=Z,7.1nm,0.7s,mb5.2	Tennant Creek	47.10 188	iP	P	02 01 59.2 +0.4
WRAB	comp=Z,7.1nm,0.7s,mb5.2	Tennant Creek	47.10 188	eP	P	02 01 58.4 -0.4
FITZ	comp=Z,1.6nm,0.4s,mb3.8	Fitzroy Crossi	47.11 199	eP	P	02 01 59.3 +0.4
FITZ	comp=Z,1.6nm,0.4s,mb3.8	Fitzroy Crossi	47.11 199	P	P	02 01 58.7 -0.2
WB2	comp=Z,2.1nm,0.4s,mb3.9,baz=12,slow=9.1,SNR=18	Warramunga Arr	47.11 188	eP	P	02 01 58.5 -0.4
WB2				eS	P	
WB2				P	P	
WRA	comp=Z,2.5nm,0.6s,baz=0.1,slow=3.8,SNR=7.9	Warramunga Arr	47.11 188	P	P	02 01 58.6 -0.3
WRA	comp=Z,2.5nm,0.6s,baz=0.1,slow=3.8,SNR=7.9			P	P	
WRA	comp=Z,6.1nm,0.9s,baz=1.9,slow=4.5,SNR=11			P	P	
WRA	comp=Z,2.7nm,0.8s,baz=6.9,slow=14,SNR=8.2			P	P	
WRA	comp=Z,2.7nm,0.8s,baz=6.9,slow=14,SNR=8.2	Warramunga Arr	47.11 188	P	P	02 01 58.6 -0.3
WRA				S	S	
WRA	comp=Z,6.0nm,0.4s			P	P	
WRA	comp=Z,3.0nm,0.6s			P	P	
WRA	comp=N,6.0nm,0.9s			P	P	
WRA	comp=N,3.0nm,0.8s			P	P	
CTA	comp=Z,2.2nm,0.8s,mb3.7,baz=2.4,slow=13,SNR=3.2	Charters Tower	47.27 172	P	P	02 02 00.6 +0.5
CTA	comp=Z,2.2nm,0.8s,mb3.7,baz=2.4,slow=13,SNR=3.2	Charters Tower	47.27 172	P	P	02 02 00.6 +0.5
CTA	comp=Z,2.0nm,0.8s			P	P	
GUN	comp=Z,406nm,0.4s,mb5.6	Gumba	47.87 284	eP	P	02 02 05.4 +0.9
GUN	comp=Z,406nm,0.4s,mb5.6	Gumba	47.87 284	eP	P	02 02 05.2 +0.7
PKI	comp=Z,52nm,0.4s,mb5.2	Pulchoki	48.35 284	eP	P	02 02 08.1 -0.1
ZAL	comp=Z,25nm,0.6s,mb4.8,baz=3.3,slow=7.2,SNR=132	Zalesovo	48.35 319	P	P	02 02 07.2 -0.6
ZAL	comp=Z,25nm,0.6s,mb4.8,baz=3.3,slow=7.2,SNR=132			P	P	
ZAL	comp=Z,6.1nm,0.3s,baz=348,slow=5.3,SNR=6.4			P	P	
ZAL	comp=Z,1.3nm,0.6s,baz=338,slow=6.7,SNR=4.1			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s			P	P	
ZAL	comp=Z,25nm,0.5s			P	P	
ZAL	comp=Z,6.0nm,0.4s			P	P	
ZAL	comp=N,1.0nm,0.6s					

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BAIF Baives, HINF Hinterfeld, HAU Hautdompre, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TERO Teramo, TERO Teramo, TERO Teramo, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SISC Sisak, LJU Ljubljana, LJU Ljubljana, etc.







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNAR Kushima-Naru, JNAR Tashiro 2, JNAR Tanegashima 3, etc.

LDG 09 05:34:16.9, 0.1, 49.40N, 6.89E, h1km, Md2.7/1, M2.6/10, Error ellipse: s-maj=1.7km s-min=1.3km az=110.0, Suspended Mining Induced.

NEIC 09 05:34:16.9, 49.40N, 6.89E, h1km, ML2.6(LDG), ML2.1(STR), After LDG. CSEM 09 05:34:16.8, 0.1, 49.40N, 6.92E, h2km, ML2.6/9, Error ellipse: s-maj=0.9km s-min=0.8km az=118.0.

BGR 09 05:34:17.1, 0.3, 49.38N, 6.91E, h1km, ML1.9/1, Error ellipse: s-maj=3.3km s-min=2.2km az=94.0. BNS 09 05:34:18.7, 0.1, 49.49N, 6.88E, h1km, ML1.6.

ISC 09 05:34:15.2, 0.3, 49.37N, 0.01, 6.84E, 0.03, n42, 0.698/79, Germany

Main table for Germany stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUPP Ruppelstein, WLF Waiferdange, ABH Altbere, etc.

NEIC 09 05:59:39.6, 37.23S, 177.90E, h80km, ML4.1(WEL), After WEL. WEL 09 05:59:41.4, 0.5, 37.28S, 177.79E, h56km, 4km, ML3.8/7, 2C-2D, Error ellipse: s-maj=3.3km s-min=2.5km az=0.0, Off east coast of North Island

Table for New Zealand stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table for White Island stations. Columns: WIZ White Island, WIZ Puketiti, WIZ Puketiti, etc. Includes stations like MYRZ Mayor Island, KUZ Kuaotunu, etc.

CASO 09 06:11:34.1, 2.16, 12.96N, 88.91W, h51km, 36km, MD4.2, ML3.8, 7C-20D, Off coast of central America

Main table for CASO stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNVI San Vicente, LFRS El Faro, LCBLS La Ceiba, etc.

IDC 09 06:12:43.7, 25.0, 30.38S, 179.90W, h220km, 240km, mb3.1/2, mb1 3.4/3, mb1mx3.2/13, ML3.9/1, MS4.0/1, Ms1 4.0/1, ms1mx3.1/6, Error ellipse: s-maj=275.0km s-min=48.7km az=13.0, Kermadec Islands region

Table for Kermadec Islands region stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, PMZ Port Moresby, ASAR Alice Springs, etc.

NEIC 09 06:26:47.0, 32.01S, 69.62W, h141km, MD3.5(GUC), After GUC. GUC 09 06:26:47.0, 0.6, 32.01S, 69.62W, h141km, 8km, MD3.5, ML3.2, 3C-4D, Mendoza Province

Main table for Mendoza Province stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JACH Jahuel, MDZ Mendoza, FCH Farellones, etc.

Table for Chile stations. Columns: CLCH, DSCB, DSCB, etc. Includes stations like DSCB Colegio Aleman, PACH Papudo, etc.

NEIC 09 06:35:38.0, 61.36N, 150.23W, h37km, ML3.7(PMR), ML3.5(AEIC), After AEIC. NEIC FELT (I) at Palmer. IDC 09 06:35:39.5, 4.5, 61.45N, 150.35W, h75km, 36km, mb3.5/9, mb1 3.7/14, mb1mx3.6/23, ML3.4/4, Error ellipse: s-maj=34.5km s-min=16.0km az=55.0.

ISC 09 06:35:36.5, 0.2, 61.36N, 150.23W, 0.04, h58km, 4km, n89, 0.82/106, mb3.7/10, Southern Alaska

Main table for Chile and Alaska stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIB Fire Island, PWA Palmer West, RAB1 Rabbit Creek A, etc.

KDAX Kodiak Island, GAIM Baldy, MGLK Magik LS, CAHL Cahill, BCAA Beaver Creek A, etc.

Main table for Kodiak Island stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDAX Kodiak Island, GAIM Baldy, MGLK Magik LS, etc.

LDG 09 06:41:50.2, 0.0, 43.07N, 0.09W, h5km, Md3.1/2, ML3.1/2/1, Error ellipse: s-maj=0.6km s-min=0.5km az=55.0



LANF	Langenberg	0.72 123	Pg	Pg	07 43 19.8	-1.1
KTD	Kalmit	0.78 94	Pg	Pg	07 43 21.7	-0.5
KTD	SNR=2.7					
BGG	Burgelitz	0.78 94	Pg	Pg	07 43 21.0	-1.1
BGG	SNR=2.7					
BGG	486nm,0.7s					
CDP	Champ du Feu	1.00 165	eP	Pg	07 43 24.7	-1.8
CDP	SNR=2.7					
CDP	141nm,0.3s					
CDP	Champ du Feu	1.00 165	eP	Pg	07 43 26.0	-1.5
CDP	SNR=2.7					
WLS	Welschbruch	1.01 162	eP	Pb	07 43 25.4	-1.2
WLS	SNR=4.3					
WLS	Welschbruch	1.01 162	Pg	Pg	07 43 25.5	-1.3
WLS	SNR=4.3					
WLS	Welschbruch	1.01 162	Pg	Pg	07 43 25.4	-1.4
WLS	SNR=4.3					
ECH	Echery	1.18 171	Pg	Pg	07 43 28.3	-1.8
ECH	SNR=21					
ECH	SNR=4.3					
ECH	Echery	1.18 171	Pg	Pg	07 43 28.7	-1.3
ECH	SNR=4.3					
ECH	Echery	1.18 171	Pg	Pg	07 43 28.3	-1.8
ECH	SNR=4.3					
SWS	Schriesheim	1.18 84	eP	Pg	07 43 28.2	-2.0
SWS	SNR=4.3					
SWS	Schriesheim	1.18 84	eP	Pg	07 43 28.2	-2.0
SWS	SNR=4.3					
SWS	Schriesheim	1.18 84	eP	Pg	07 43 28.2	-2.0
SWS	SNR=4.3					
RFYF	Reffroy	1.20 232	eP	Pg	07 43 25.2	-0.9
RFYF	baz=45					
RFYF	303nm,0.3s,baz=48					
STB	Steinbach	1.22 358	eP	Pg	07 43 29.1	-1.8
STB	SNR=2.7					
TOD	Tromm	1.27 79	Pn	Pn	07 43 29.2	-2.1
TOD	SNR=31					
TOD	Tromm	1.27 79	Pn	Pn	07 43 29.5	-2.4
TOD	SNR=31					
TOD	Tromm	1.27 79	Pn	Pn	07 43 30.3	
TOD	SNR=4.4					
TOD	Tromm	1.27 79	Pn	Pn	07 43 29.2	-1.7
TOD	SNR=4.4					
TOD	Tromm	1.27 79	Pn	Pn	07 43 29.2	-1.7
TOD	SNR=4.4					
TOD	Tromm	1.27 79	Pn	Pn	07 43 30.3	
TOD	SNR=4.4					
TOD	Tromm	1.27 79	Pn	Pn	07 43 29.5	-2.3
TOD	SNR=31					
THEF	They Montfort	1.30 208	eP	Pg	07 43 49.4	+1.8
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pn	07 43 30.8	-1.0
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pn	07 43 47.8	-2.2
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pn	07 43 47.9	-1.9
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pb	07 43 30.8	-0.7
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pg	07 43 31.7	-1.8
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pg	07 43 48.7	-1.1
THEF	SNR=34					
THEF	They Montfort	1.30 208	eP	Pg	07 43 31.9	-0.9
THEF	SNR=34					
LIBD	Limburg	1.31 159	eP	Pg	07 43 32.0	-0.1
LIBD	SNR=15					
LIBD	Limburg	1.31 159	eP	Pn	07 43 48.5	-1.9
LIBD	SNR=15					
LIBD	Limburg	1.31 159	eP	Pb	07 43 32.0	+0.3
LIBD	SNR=15					
LIBD	Limburg	1.31 159	eP	Pg	07 43 48.6	-1.7
LIBD	SNR=15					
LIBD	Limburg	1.31 159	eP	Pg	07 43 30.6	-2.4
LIBD	SNR=15					
LIBD	Limburg	1.31 159	eP	Pg	07 43 47.7	-3.0
LIBD	SNR=15					
BFO	Black Forest	1.41 137	Pg	Pg	07 43 33.2	-1.6
BFO	SNR=2.7					
BFO	Black Forest	1.41 137	Pg	Pg	07 43 51.7	-2.0
BFO	SNR=2.7					
BFO	Black Forest	1.41 137	Pg	Pg	07 43 33.2	-1.6
BFO	SNR=2.7					
BFO	Black Forest	1.41 137	Pg	Pg	07 43 50.9	-2.7
BFO	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 31.1	-2.3
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 33.5	-1.4
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 50.7	-2.4
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 53.1	-0.7
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 33.5	-1.4
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 50.7	-2.4
HAU	SNR=2.7					
HAU	Haudompre	1.42 195	eP	Pg	07 43 53.1	-0.7
HAU	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pn	Pn	07 43 32.3	-1.5
LAG	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pg	Pg	07 43 33.7	-1.6
LAG	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pg	Pg	07 43 32.3	-1.5
LAG	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pg	Pg	07 43 33.7	-1.6
LAG	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pg	Pg	07 43 33.7	-1.6
LAG	SNR=2.7					
LAG	Lerchenberg	1.44 119	Pg	Pg	07 43 33.7	-1.6
LAG	SNR=2.7					
MEZF	Matzleres J'vi	1.50 235	eP	Pg	07 43 33.3	-1.4
MEZF	baz=50					
MEZF	Matzleres J'vi	1.50 235	eP	Pg	07 43 35.0	-1.5
MEZF	baz=50					
MEZF	Matzleres J'vi	1.50 235	eP	Pg	07 43 52.1	-3.0
MEZF	baz=50					
MEZF	Matzleres J'vi	1.50 235	eP	Pg	07 43 54.1	-1.9
MEZF	baz=50					
HGN	Heimsgroevre	1.52 336	eP	Pn	07 43 33.8	-1.2
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 35.3	-1.6
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 54.8	-2.3
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pn	07 43 33.8	-1.2
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 35.6	-1.3
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 53.7	-3.4
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 44 17.1	-2.9
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 34.1	-2.9
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 51.5	-4.3
HGN	SNR=11					
HGN	Heimsgroevre	1.52 336	eP	Pg	07 43 53.8	-3.6
HGN	SNR=11					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 35.5	-1.8
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 55.8	-1.9
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 35.3	-1.9
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 55.6	-2.1
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 34.7	-0.9
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 36.6	-1.2
MOF	SNR=2.7					
MOF	Molkenrain	1.54 174	Pg	Pg	07 43 54.9	-1.9
MOF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pn	07 43 36.6	-1.2
HINF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pg	07 43 36.6	-1.2
HINF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pn	07 43 36.6	-1.2
HINF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pg	07 43 36.6	-1.2
HINF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pn	07 43 36.6	-1.2
HINF	SNR=2.7					
HINF	Hinteralfeld	1.56 181	eP	Pg	07 43 36.6	-1.2
HINF	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pn	Pn	07 43 35.8	0.0
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 36.2	-1.8
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 56.3	-2.8
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 36.2	-1.8
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 56.3	-2.8
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 36.2	-1.8
KIZ	SNR=2.7					
KIZ	Kirchzarten	1.58 154	Pg	Pg	07 43 56.3	-2.8
KIZ	SNR=2.7					
BNS	Bensberg	1.60 6	eP	Pg	07 43 36.6	-1.9
BNS	SNR=2.7					
BNS	Bensberg	1.60 6	eP	Pg	07 43 54.8	-5.0
BNS	SNR=2.7					
STU	Stuttgart	1.63 111	eP	Pn	07 43 35.4	-1.2
STU	SNR=2.7					
STU	Stuttgart	1.63 111	eP	Pn	07 43 35.3	-1.3
STU	SNR=2.7					
STU	Stuttgart	1.63 111	eP	Pn	07 43 37.7	-2.3
STU	SNR=2.7					
STU	Stuttgart	1.63 111	eP	Pn	07 43 59.8	-2.5
STU	SNR=2.7					
FELD	Feldberg	1.67 153	Pg	Pg	07 43 37.6	-2.4
FELD	SNR=2.7					
FELD	Feldberg	1.67 153	Pg	Pg	07 43 59.8	-2.5
FELD	SNR=2.7					
FELD	Feldberg	1.67 153	Pg	Pg	07 43 37.6	-2.4
FELD	SNR=2.7					
FELD	Feldberg	1.67 153	Pg	Pg	07 43 59.8	-2.5
FELD	SNR=2.7					
TUBL	Tuebingen Lnz	1.68 120	Pg	Pg	07 43 38.2	-1.9
TUBL	SNR=2.7					
TUBL	Tuebingen Lnz	1.68 120	Pg	Pg	07 43 36.1	-1.4
TUBL	SNR=2.7					
SFTF	Sextfontaines	1.70 227	eP	Pn	07 43 38.6	-1.9
SFTF	baz=55					
SFTF	Sextfontaines	1.70 227	eP	Pg	07 43 38.6	-1.9
SFTF	baz=55					
SFTF	Sextfontaines	1.70 227	eP	Pg	07 43 57.2	-3.0
SFTF	baz=55					
SFTF	Sextfontaines	1.70 227	eP	Pg	07 44 01.2	-1.9
SFTF	baz=55					
SIND	Sindelfingen	1.77 90	eP	Pn	07 43 36.4	-2.2
SIND	SNR=2.7					
SPAK	Spaichingen	1.79 135	eP	Pg	07 43 40.2	-2.1
SPAK	SNR=2.7					
BUCH	Bad Urach	1.87 119	Pn	Pn	07 43 38.0	-2.0
BUCH	SNR=2.7					
BUCH	Bad Urach	1.87 119	Pn	Pn	07 43 41.9	-2.0
BUCH	SNR=2.7					
BUCH	Bad Urach	1.87 119	Pn	Pn	07 43 38.0	-2.0
BUCH	SNR=2.7					
BUCH	Bad Urach	1.87 119	Pn	Pn	07 43 41.9	-2.0
BUCH	SNR=2.7					
BUCH	Bad Urach	1.87 119	Pn	P		









SONM	comp=Z,79nm,0.7s,baz=205,slow=1,SNR=23	pP	pP	08 54 37.4 +1.0
SONM	comp=Z,1.5nm,0.7s,baz=203,slow=2,0,SNR=6.0	ScP		09 01 31.0
ULN	Ulaanbaatar 25.81 23f	eP	P	08 54 28.2 +0.3
ULN	comp=Z,130nm,0.9s,mb5.5	eP	pP	08 54 38.9 +0.1
ULN	Ulaanbaatar 25.81 23f	eP	P	08 54 28.1 +0.3
ULN	comp=Z,318nm,0.9s,mb5.8	eP	pP	08 54 38.5 -0.3
SSE	comp=Z,2um,19.0s,MS4.7	LR	LR	
SSE	Sheshan 26.06 69	P	S	08 54 30.1 -0.3
SSE	comp=Z,167nm,0.8s,mb5.6	S	S	08 59 00.5 +4.1
SSE	comp=Z,167nm,0.8s,mb5.6	AMB	AMB	08 59 17.2
SSE	comp=Z,167nm,0.8s,mb5.6	LR	LR	
SSE	comp=N,2um,26.2s,MS4.5	LR	LR	
SSE	comp=E,547nm,26.1s,MS4.5	LR	LR	
SSE	comp=Z,1um,23.9s,MS4.4	LR	LR	
SSE	Sheshan 26.06 69	P	P	08 54 30.1 -0.3
SSE	comp=Z,167nm,0.8s,mb5.6	S	S	08 59 00.5 +4.1
SSE	comp=Z,167nm,0.8s,mb5.6	LR	LR	08 59 17.2
ZAK	comp=Z,1um,23.9s,MS4.4	P	P	08 54 39.1 +0.8
ZAK	Zakamensk 26.94 15f	iP	P	08 55 37.4
MOY	Mondy 27.68 11	eP	P	08 54 46.1 +1.1
TLY	Talaya 28.24 15c	iP	P	08 54 50.3 +0.3
TLY	comp=Z,42nm,1.5s,mb4.8	eS	S	08 59 31.1 -0.4
TLY	comp=Z,42nm,1.5s,mb4.8	pmax	pmax	
TLY	comp=Z,2um,27.0s,MS4.7	MLR	MLR	
TLY	Talaya 28.24 15f	iP	P	08 54 50.8 +0.8
TGY	Tagaytay City 28.73 106	LR	LR	09 07 12.9
IRK	comp=Z,721nm,20.7s,MS4.3,baz=359,slow=38	LR	LR	
IRK	Irkutsk 28.91 15	eP	P	08 55 07.4
ZAL	Zalesovo 29.75 31	P	P	08 55 00.4 -3.1
ZAL	comp=Z,25nm,0.7s,mb5.0,baz=304,slow=7.9,SNR=110	LR	LR	09 08 06.6
SNY	comp=Z,644nm,18.7s,MS4.3,baz=301,slow=38	LR	LR	
SNY	Shenyang 30.84 49	iP	P	08 55 12.5 -0.8
SNY	AP	pP	pP	08 55 20.8 -3.7
SNY	XP	sP	sP	08 55 24.8 -5.0
SNY	SS	S	S	09 00 12.7 -0.1
SNY	SS	S	S	09 01 54.9 -2.6
SNY	AMB	AMB	AMB	
SNY	comp=Z,40nm,0.9s,mb5.2	LR	LR	
SNY	comp=N,740nm,14.5s	LR	LR	
NVS	comp=Z,780nm,25.5s	LR	LR	
NVS	Novosibirsk 30.87 350	eP	P	08 55 11.8 -1.6
NVS	i	pP	pP	08 55 22.3 -2.4
NVS	i	sP	sP	08 56 13.1
NVS	i	S	S	09 00 08.9 -4.3
NVS	pmax	pmax	pmax	
NVS	comp=Z,49nm,1.3s,mb5.2	pmax	pmax	
NVS	comp=N,60nm,1.1s	pmax	pmax	
NVS	comp=E,25nm,1.0s	pmax	pmax	
NVS	comp=N,60nm,1.4s	smax	smax	
NVS	comp=E,25nm,1.4s	smax	smax	
HIA	Hailar 32.44 34	eP	P	08 55 27.5 +0.3
HIA	comp=Z,26nm,0.7s,mb5.2	eP	pP	08 55 37.6 -0.9
HIA	comp=Z,1um,22.0s,MS4.5	LR	LR	
BVAR	Borovoye Array 32.84 335	P	P	08 55 30.4 -0.3
BVAR	comp=Z,4.7nm,0.5s,mb4.7,baz=135,slow=10,SNR=38	ScP		09 01 53.6
CN2	Changchun 32.90 46	eP	P	08 55 30.8 -0.5
CN2	comp=Z,3.7nm,0.9s,baz=135,slow=4.2,SNR=5.1	eAP	pP	08 55 40.1 -2.5
CN2	eXP	sP	sP	08 55 44.5 -3.4
CN2	eS	S	S	09 00 45.0 -0.1
CN2	AMB	AMB	AMB	
CN2	comp=Z,30nm,1.0s,mb5.2	AMB	AMB	
CN2	comp=Z,430nm,4.0s	LR	LR	
CN2	comp=N,60nm,12.0s,MS4.7	LR	LR	
CN2	comp=E,700nm,12.0s,MS4.7	LR	LR	
CN2	comp=Z,700nm,17.0s,MS4.4	LR	LR	
BRVK	Borovoye 32.91 335	eP	P	08 55 30.6 -0.7
BRVK	comp=Z,47nm,1.0s,mb5.4	eP	pP	08 55 40.4 -2.2
CHKZ	Chkalovo 33.26 336	eP	P	08 55 34.0 -0.3
CHKZ	comp=Z,97nm,1.1s,mb5.7	eP	pP	08 55 44.0 -1.6
CHKZ	eP	pP	pP	08 55 50.0
MDJ	Mudanjiang 35.96 47	P	P	08 55 56.8 -0.8
MDJ	AP	pP	pP	08 56 05.3 -3.7
MDJ	XP	sP	sP	08 56 09.6 -4.6
MDJ	P	P	P	08 56 20.9 -3.1
MDJ	PCP	S	S	09 01 34.9 +2.4
MDJ	XS	S	S	09 01 49.0
MDJ	SCP	P	P	09 02 06.7
MDJ	HCS	P	P	09 02 10.3
MDJ	SCS	ScS	ScS	09 02 11.1 +1.5
MDJ	AMB	AMB	AMB	
MDJ	comp=Z,182nm,8.8s	LR	LR	
MDJ	comp=N,658nm,35.1s	LR	LR	
MDJ	comp=E,241nm,41.5s	LR	LR	
MDJ	comp=Z,389nm,27.1s	LR	LR	
MDJ	Mudanjiang 35.96 47	eP	P	08 55 56.9 -0.6
MDJ	comp=Z,13nm,0.8s,mb4.9	pP	pP	08 56 07.6 -1.3
BOD	comp=Z,504nm,21.0s,MS4.3	LR	LR	
BOD	Bodaibo 36.47 19f	iP	P	08 56 01.2 -0.5
BOD	eP	pP	pP	08 56 10.8 -2.3
VLA	Vladivostok 37.05 50	eP	P	08 56 17.0 +1.0
VLA	pmax	pmax	pmax	
VLA	comp=Z,600nm,12.0s	MLR	MLR	
VLA	comp=Z,1um,13.0s,MS4.8	MLR	MLR	
VLA	comp=N,500nm,12.0s,MS4.9	MLR	MLR	
VLA	comp=E,1um,12.0s,MS4.9	MLR	MLR	
ARU	Arti 40.12 331f	iP	P	08 56 32.4 +0.3
ARU	e	PPP	PPP	08 58 03.5
ARU	e	PPP	PPP	08 58 32.0 -2.9
ARU	eS	S	S	09 02 38.7 +3.3
ARU	eSSS	S	S	09 06 01.1 -4.0
ARU	e	pmax	pmax	09 06 31.6
ARU	comp=Z,64nm,1.8s,mb5.0	MLR	MLR	
ARU	comp=Z,900nm,20.0s,MS4.6	MLR	MLR	
ARU	comp=N,500nm,19.0s,MS4.6	MLR	MLR	
ARU	comp=E,700nm,23.0s,MS4.6	MLR	MLR	
ARU	Arti 40.12 331f	iP	P	08 56 32.7 +0.6
MAJO	Matsushiro 40.69 62	P	P	08 56 36.7 -0.3
MAJO	Matsushiro 40.69 62f	iP	P	08 56 36.5 -0.5
MAJO	pmax	pmax	pmax	
MAJO	comp=Z,100nm,1.1s,mb5.4	P	P	08 56 36.3 -0.7
MAJO	Matsushiro 40.69 62f	iP	P	08 56 36.3 -0.7
MAJO	comp=Z,76nm,0.9s,mb5.3	LR	LR	
MAJO	comp=Z,875nm,22.0s,MS4.6	P	P	08 56 36.3 -0.7
MAT	Matsushiro 40.69 62	P	P	09 02 54.0 +1.0
MAT	S	S	S	08 56 36.0 -1.0
MAT	comp=Z,79nm,1.0s,mb5.3	P	P	

MAT	S	S	09 02 25.0 -1.9	
MAT	LR	LR		
SOKR	Soikamsk 42.81 334f	iP	P	08 56 52.9 -1.2
SOKR	Plekhanov 42.85 305	eP	pP	08 57 04.0 -1.7
SOKR	Mizel 42.95 279	eP	pP	
SOKR	comp=Z,90nm,1.0s,mb5.5	eP	pmax	
SOKR	comp=Z,780nm,22.0s,MS4.6	MLR	MLR	
TI2	Plekhanov 42.85 305	iP	P	08 56 56.8 +2.0
MZLS	Mizel 42.95 279	P	P	08 56 57.1 +1.3
GOF	Gofitskoye 44.61 310	eP	P	08 57 04.0 -4.9
KIV	Kislovodsk 44.67 308	P	P	08 57 11.6 +2.2
KIV	comp=Z,458nm,0.9s,mb5.3,SNR=13	eS	S	08 57 10.4 +1.0
KIV	Kislovodsk 44.67 308c	eS	S	09 03 44.4 +2.0
KIV	comp=N,54nm,1.5s	eP	pmax	
KIV	comp=E,58nm,1.5s	pmax	pmax	
KIV	comp=Z,112nm,1.5s,mb5.5	pmax	pmax	
KIV	comp=N,213nm,22.0s,MS4.3	MLR	MLR	
KIV	comp=E,394nm,22.0s,MS4.3	MLR	MLR	
KIV	comp=Z,406nm,22.0s,MS4.3	MLR	MLR	
KIV	Kislovodsk 44.67 308f	iP	P	08 57 10.4 +1.0
KIV	Kislovodsk 44.67 308	e	P	08 57 26.9
ASAJ	Asahikawa 44.85 52	P	P	08 57 12.0 +1.2
YAK	comp=Z,22nm,0.9s,mb5.0,baz=273,slow=24,SNR=7.1	eP	P	08 57 10.9 0.0
YAK	Yakutsk 44.89 24	eP	pP	08 57 21.0 -1.5
YAK	eP	pP	pP	08 57 26.9
YAK	comp=Z,67nm,0.8s,mb5.5	eP	P	08 57 10.9 0.0
YAK	comp=Z,80nm,0.8s,mb5.6	eP	pP	08 57 21.0 -1.5
YAK	comp=Z,894nm,20.0s,MS4.7	eP	pP	08 57 13.4 +1.5
AFFS	'Afi 44.95 280	P	P	08 57 26.8 +1.4
BEST	Bestuzov 45.21 300	iP	pP	08 57 26.8 +1.4
BEST	Bestuzov 45.21 300	iP	pP	08 57 15.7 +1.8
ERZM	Erzurum 45.23 302	iP	P	08 57 17.0 +1.4
HLS	Ha'il 45.42 285	P	P	08 57 14.5 -1.1
YSS	Yuzh-Sakhalins 45.45 48	eP	P	08 57 33.3
YSS	comp=Z,50nm,1.0s,mb5.3	pmax	pmax	
YSS	comp=Z,900nm,14.0s,MS4.9	MLR	MLR	
YSS	Yuzh-Sakhalins 45.45 48	eP	P	08 57 15.7 +0.1
YSS	comp=Z,63nm,1.1s,mb5.4	LR	LR	
TATS	Tathlith 45.55 274	eP	P	08 57 17.6 +0.9
SOC	Sochli 46.76 307	eP	P	08 57 25.6 -0.4
SOC	eP	pP	pP	08 59 18.9
SOC	ePPP	PPP	PPP	09 00 01.0 -1.3
SOC	eS	S	S	09 04 15.9 +3.7
SOC	eSSS	S	S	09 08 38.6 -3.9
SOC	pmax	pmax	pmax	
SOC	comp=Z,80nm,1.2s,mb5.5	pmax	pmax	
SOC	comp=N,60nm,1.3s	pmax	pmax	
SOC	comp=E,21nm,0.8s	pmax	pmax	
SOC	comp=Z,542nm,23.0s,MS4.4	MLR	MLR	
SOC	comp=N,276nm,22.0s,MS4.4	MLR	MLR	
SOC	comp=E,390nm,22.0s,MS4.4	MLR	MLR	
NAMS	An Nimas 46.80 274	P	P	08 57 28.7 +2.1
ELZG	Elazig 47.42 300	iP	P	08 57 30.0 +1.9
BLJS	Saljujashi 47.16 275	P	P	08 57 31.1 +1.6
MALT	Malatya 47.46 300f	iP	P	08 57 32.9 +0.9
MALT	comp=E,36nm,1.1s,mb5.2	eP	pP	08 57 32.9 -3.5
MALT	Khaybar 47.92 283	P	P	08 57 36.4 +1.1
GZT	Gaziantep 48.15 299	eP	P	08 57 38.0 +1.3
VRSR	Storozhevo 48.34 318	eP	P	08 57 38.0 -0.2
VRSR	e	S	S	08 59 05.4
VRSR	e	S	S	08 59 25.8
VRSR	eS	S	S	09 04 33.6 -0.8
VRSR	pmax	pmax	pmax	
VRSR	comp=E,50nm,0.9s	pmax	pmax	
VRSR	comp=Z,50nm,0.9s,mb5.5	pmax	pmax	
VRSR	comp=N,10.0nm,0.5s	pmax	pmax	
VRSR	comp=N,10.0nm,0.7s	smax	smax	
VRSR	comp=Z,2.0nm,0.5s	smax	smax	
VRSR	comp=E,20nm,1.0s	MLR	MLR	
VRSR	comp=Z,630nm,20.0s,MS4.6	MLR	MLR	
VRSR	comp=N,360nm,23.0s,MS4.5	MLR	MLR	
VRSR	comp=Z,430nm,21.0s,MS4.5	MLR	MLR	
KAHT	Ahr Dag 48.69 299	iP	P	08 57 41.8 +0.6
ASF	Jabal al Asfar 49.03 292	P	P	08 57 45.3 +1.4
UMJS	Umm Lajj 49.75 283	P	P	08 57 52.0 +2.5
KSHT	Keshet 49.86 293	P	P	08 57 51.8 +1.6
MKRU	Makawir 50.17 291	P	P	08 57 53.8 +1.2
HMDT	Nahal Hemdat 50.18 292	P	P	08 57 53.8 +1.1
AVNT	Avonos 50.25 301	iP	P	08 57 53.5 +0.4
CTKT	Corum 50.28 303	iP	P	08 57 51.7 -1.6
MOS	Moscow 50.31 323	eP	P	08 57 51.9 -1.5
MOS	ePPP	PPP	PPP	08 59 46.8
MOS	ePPP	PPP	PPP	09 00 42.7 -4.6
MOS	S	S	S	09 05 04.2 +2.4
MOS	pmax	pmax	pmax	
MOS	comp=Z,192nm,1.4s,mb5.9	pmax	pmax	
MOS	comp=N,59nm,0.9s	pmax	pmax	
MOS	comp=E,115nm,0.9s	pmax	pmax	
DRGI	Dragot 50.37 291	P	P	08 57 55.3 +1.2
GUMO	Guam 50.40 93	PFAKE	LR	08 58 10.0 +1.5
GUMO	comp=Z,827nm,20.0s,MS4.7	LR	LR	
MZDA	Masada 50.43 291	P	P	08 57 55.9 +1.3
OBN	Obninsk 50.75 322	eP	P	08 57 56.0 -0.6
OBN	comp=Z,182nm,1.3s,mb5.8	LR	LR	
PRNI	Paran 50.87 290	P	P	08 57 58.7 +0.8
SIM	Simferopol' 50.88 309f	eP	P	08 57 58.5 +0.7
SIM	pmax	pmax	pmax	
EIL	Elat 51.02 289	P	P	08 57 59.4 +0.3
EIL	Eilat 51.02 289	eP	P	08 57 59.0 -0.1
EIL	comp=Z,31nm,1.0s,mb5.2	eP	pP	08 58 08.8 -2.0
EIL	eP	pP	pP	08 59 14.2 -1.5
MBH	Mount Berech 51.03 289	P	P	08 57 59.7 +0.5
KMTI	Karmit 51.15 290	P	P	08 58 06.0 +0.6
BRTR	Keskin Array B 51.17 302	P	P	08 57 59.9 -0.2
TIXI	Tiksi 51.21 14	eP	P	08 57 58.4 -1.6
TIXI	comp=Z,45nm,1.4s,mb5.2	pmax	pmax	
BALT	Daday 51.33 304	iP	P	08 58 02.3 +1.0
SGKT	Svirigoyuk 52.36 303	P	P	08 58 01.4 -7.5
MBWA	Marble Bar 52.71 148	eP	P	08 58 11.6 -0.2
MBWA	comp=Z,57nm,1.1s,mb5.4	LR	LR	
MA2	Magadan 53.02 33	P	P	08 58 12.8 -0.8
ESKT	Eskisehir 53.30 302	iP	P	08 58 15.6 -0.7

NWAO	comp-Z,29nm,0.8s,mb5.5	eSP	P	08 59 32.9 -1.0
MORC	Moravsky Berou 62.02 315 eP	eP	P	08 59 16.9 -0.3
MORC		e	pP	08 59 31.1 +1.9
MORC	comp-Z,39nm,1.0s,mb5.5	pmx		
MORC	Moravsky Berou 62.02 315 eP	eP	P	08 59 16.9 -0.3
MORC	comp-Z,44nm,0.9s,mb5.5			
MORC	Modra-Piesok 62.34 313 eP	eP	pP	08 59 29.8 +0.6
MORC		eP	P	08 59 32.7 -1.1
MORC		eP	pP	08 59 32.7 -3.5
ZST	Bratislava 62.48 313 eP	eP	P	08 59 20.3 -0.1
ASPA	Alice Springs 62.62 137 eP	eP	P	08 59 21.7 +0.1
ASPA		eP	P	08 59 37.5
ASAR	Alice Springs 62.62 137 eP	eP	P	08 59 22.3 +0.6
ASAR	comp-Z,9.9nm,0.6s,mb5.2,baz=319,slow=6.7,SNR=136	pP	pP	08 59 36.8 +3.1
ASAR	comp-Z,45nm,1.0s,baz=318,slow=6.7,SNR=15	pP	pP	08 59 36.8 +3.1
ASAR	comp-Z,158nm,21.1s,MS4.2,baz=318,slow=40	LR	LR	09 30 16.3
KSP	Ksiaz 62.70 316 eP	eP	P	08 59 21.7 -0.1
KSP		eP	pP	08 59 35.2 +1.4
KSP		eP	LR	
KSP	comp-Z,2um,24.3s,MS5.1			
DPC	Dobruška-Polom 62.74 316 eP	eP	P	08 59 22.3 +0.3
DPC		eP	pP	08 59 39.0 +4.9
DPC		eP	AMS	09 29 10.0
MOR	Mol Rana 62.86 333 eP	eP	P	08 59 21.0 -1.7
MOR		Amb	AMB	08 59 22.5
MOR	comp-Z,145nm,0.9s,mb6.1			
MOR		eP	pP	08 59 31.7 -3.0
MOR		eP	pP	08 59 37.3 -2.2
MOR		eP	pP	08 59 21.0 -1.7
MOR	Mol Rana 62.86 333 eP	eP	P	08 59 21.0 -1.7
MOR	comp-Z,145nm,0.9s,mb6.1			
UPC	Upice 62.91 316 eP	eP	pP	08 59 23.2 0.0
UPC		eP	pP	08 59 40.0 +4.7
BSD	Bornholm Skovb 63.11 321 eP	eP	pP	08 59 23.4 -1.0
BSD		pmx	pmx	
BSD	comp-Z,35nm,0.8s,mb5.5			
BSD	Bornholm Skovb 63.11 321 eP	eP	P	08 59 23.4 -1.0
BSD	comp-Z,35nm,0.8s,mb5.5			
PMG	Port Moresby 63.12 116 eP	eP	P	08 59 25.4 +0.3
PMG	comp-Z,2.1nm,0.9s,mb5.3,baz=303,slow=5.7,SNR=8.6	pP	pP	08 59 40.4 +3.2
PMG	comp-Z,34nm,0.7s,baz=341,slow=4.5,SNR=11	pP	pP	08 59 40.4 +3.2
PMG	Port Moresby 63.12 116 eP	eP	P	08 59 25.4 +0.3
PMG	Port Moresby 63.12 116 eP	eP	P	08 59 25.2 +0.1
PMG	comp-Z,59nm,0.8s,mb5.8			
PMG		eP	pP	08 59 35.3 -1.8
PMG		eP	pP	08 59 40.3 -1.6
PMG		eP	LR	
PMG	comp-Z,217nm,19.0s,MS4.3			
LOF	Lotofen 63.22 336 eP	eP	P	08 59 25.8 +0.8
LOF		Amb	AMB	08 59 26.8
LOF	Lotofen 63.22 336 eP	eP	P	08 59 25.8 +0.8
LOF	comp-Z,137nm,0.9s,mb5.1			
LOF	Lotofen 63.22 336 eP	eP	P	08 59 25.8 +0.8
LOF	comp-Z,137nm,0.9s,mb5.1			
ARSA	Arzberg 63.67 312 eP	eP	P	08 59 27.6 -0.6
PRU	Pruhonice 63.92 315 eP	eP	pP	08 59 29.9 +0.1
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU		eP	pP	08 59 44.1 +2.2
PRU		eP	pP	08 59 44.1 +2.2
PRU		pmx	pmx	
PRU	comp-Z,72nm,1.0s,mb5.7			
PRU	Pruhonice 63.92 315 eP	eP	P	08 59 29.9 +0.1
PRU	comp-Z,72nm,1.0s,mb5.7			

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SCHQ Schefferville, SYO Syowa Base, VNA2 Neumayer-Watz, etc.

MAN 09 09:19.8, 15.12N, 121.98E, h6km, mb3.8, ML2.6, MS2.2, 2C-1D, Luzon. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

CASC 09 09:25.4, 1.2, 2.9, 11.18N, 87.04W, h21km, 13km, MD3.6, 3C-4D, Near coast of Nicaragua. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

CSEM 09 09:38.9, 0.5, 67.67N, 35.04E, h2km, ML3.0/2, Error ellipse: s-maj=10.7km s-min=5.6km az=69.0, Mining explosion. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KEV Kevo, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

NEIC 09 09:49:35.2, 32.57S, 66.24W, h33km, ML4.4(GUC), After GUC

GUC 09 09:49:35.2, 0.7, 32.57S, 66.24W, h33km, ML4.4, 1D, San Luis Province. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 09 10:05:50.7, 1.4, 22.74S, 68.08W, h116km, 11km, mb3.8/4, mb1 4.0/5, mb1mx3.6/1.3, Error ellipse: s-maj=33.0km

IDC 09 10:05:50.7, 0.7, 22.74S, 68.08W, h116km, 11km, mb3.8/4, mb1 4.0/5, mb1mx3.6/1.3, Error ellipse: s-maj=33.0km, Northern Chile. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 09 10:16:34.0, 1.4, 2.85N, 95.26W, mb4.1/8, mb1 4.1/9, mb1mx4.3/1.8, MS3.9/1, Ms1 3.9/7, ms1mx3.5/2.0, Error ellipse: s-maj=71.7km s-min=22.8km az=60.0

IDC 09 10:16:34.0, 1.4, 2.85N, 95.26W, mb4.1/8, mb1 4.1/9, mb1mx4.3/1.8, MS3.9/1, Ms1 3.9/7, ms1mx3.5/2.0, Error ellipse: s-maj=71.7km s-min=22.8km az=60.0. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 09 10:16:33.6, 0.8, 2.8N, 1.0, 95.4W, 0.1, 510.0, (h12km, 0km, p-P), n46, e191, 13N, mb4.2/20, MS4.0/8, 2C-1D, Galapagos Islands region

IDC 09 10:16:33.6, 0.8, 2.8N, 1.0, 95.4W, 0.1, 510.0, (h12km, 0km, p-P), n46, e191, 13N, mb4.2/20, MS4.0/8, 2C-1D, Galapagos Islands region. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, INUK Inuvik, ILAR Eielson Array, etc.

DJA 09 10:35:24.9, 1.3, 4.13S, 122.12E, h36km, 181km, MD4.5/3, ML3.7/2, 2C-3D, Error ellipse: s-maj=38.7km

DJA 09 10:35:24.9, 1.3, 4.13S, 122.12E, h36km, 181km, MD4.5/3, ML3.7/2, 2C-3D, Error ellipse: s-maj=38.7km. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 09 10:35:53.9, 1.5, 2.93N, 95.47W, mb3.8/6, mb1 4.1/6, mb1mx3.9/1.6, MS3.7/4, Ms1 3.7/4, ms1mx3.3/2.1, Error ellipse: s-maj=77.9km s-min=26.4km az=60.0, Galapagos Islands region

IDC 09 10:35:53.9, 1.5, 2.93N, 95.47W, mb3.8/6, mb1 4.1/6, mb1mx3.9/1.6, MS3.7/4, Ms1 3.7/4, ms1mx3.3/2.1, Error ellipse: s-maj=77.9km s-min=26.4km az=60.0, Galapagos Islands region. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

DJA 09 10:46:54.3, 0.8, 8.61S, 115.05E, h111km, 7km, MD4.7/4, ML3.2/1, 3C-5D, Error ellipse: s-maj=33.4km

DJA 09 10:46:54.3, 0.8, 8.61S, 115.05E, h111km, 7km, MD4.7/4, ML3.2/1, 3C-5D, Error ellipse: s-maj=33.4km. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

IDC 09 11:07:09.3, 2.6, 0.00S, 135.99E, mb3.3/2, mb1 3.3/3, mb1mx3.3/1.5, ML3.0/1, Error ellipse: s-maj=128.0km

IDC 09 11:07:09.3, 2.6, 0.00S, 135.99E, mb3.3/2, mb1 3.3/3, mb1mx3.3/1.5, ML3.0/1, Error ellipse: s-maj=128.0km. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

NEIC 09 11:21:00.3, 45.09S, 167.33E, h83km, ML4.3(WEL), After WEL

NEIC 09 11:21:00.3, 45.09S, 167.33E, h83km, ML4.3(WEL), After WEL. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

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

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

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

NAO 09 11:58:26.2 ± 1.8, 68.07N, 32.04E, ML2.4, HEL 09 11:58:22.0 ± 1.6, 101N, 32.95E, ML1.7, ML1.7(BER), ML2.4(NAO), Russia, Baltic States - Belarus - Northwestern Russia

MOS 09 13:11:53.1 ± 1.0, 6.72S, 130.13E, h33km, mb5.6/9, Error ellipse: s-maj=19.0km s-min=8.6km az=105.9 BUJ 09 13:12:00.5 ± 6.87S, 130.38E, h113km, mb5.3, mb5.3 NEIC 09 13:12:02.0 ± 7.7, 6.78S, 130.23E, h105km, mb5.3/4.3, Error ellipse: s-maj=5.3km s-min=4.3km az=59.0 HRVD 09 13:12:02.8 ± 0.5, 6.93S, 130.14E, h116km, 5km, MW5.0/4.0, Centroid moment Tensor Solution. LP body waves: M0ment tensors: Scale 10^19Nm; Mr1: 7.3e18; Ms: 2.2e18; Mm: 0.4e18; 2.1; Mr: 1.2e18; 1.1; Mr: 1.9e17; Mr: 1.4e16; East double couple: M3: 3e18; M10: NIP1: 3.3e17; S54: 1.14e17; NP2: 8.3e18; S63: 1.4e17; Principal axes: T: 3.4e17, P: 3.3e17, Azm: 302; N: -15; P: 43; Azm: 111; P: -3.1; P: 5; Azm: 206; n: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. SYO 09 13:12:02.7 ± 6.79S, 130.25E, h105km, MB5.4 IDC 09 13:12:04.7 ± 1.7, 6.79S, 130.08E, h115km, 14km, mb4.7/13, mb1.4, 8/17, mb1mx4.8/18, MS3.8/7, Ms1 3/7, ms1mx3.4/22, Error ellipse: s-maj=18.8km s-min=9.6km az=57.0 DJA 09 13:12:14.9 ± 0.3, 6.70S, 130.83E, h500km, mb5.4/8, Error ellipse: s-maj=29.5km s-min=8.9km az=169.0 ISC 09 13:12:01.0 ± 6.93S, 130.31E, 0.04, h110km, 7km, h88km, 5.2km, pp-P, n228, s123/195, mb5.2/66, 22C-24D, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CMAR, CHG, CHRT, NJ2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SGF, MSF, KEV, ARAO, etc.

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

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

HEL 09 12:37:36.7 ± 0.2, 56.29N, 22.99E, ML2.3, ML2.7(NAO), Explosion

CSEM 09 12:37:39.3 ± 0.7, 56.68N, 22.71E, h2km, ML2.3, Error ellipse: s-maj=14.7km s-min=6.3km az=156.0, Mining explosion.

NAO 09 12:37:40.5 ± 6.8, 56.56N, 22.81E, ML2.7, ISC 09 12:37:43.9 ± 1.5, 57.01N, 0.07, 22.61E, 0.09, n19, s155/35, Baltic States - Belarus - Northwestern Russia

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

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

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

CASC 09 12:39:29.6 ± 3.5, 14.67N, 90.72W, h6km, 8km, MD3.8, ML4.2, 7C-2D, Guatemala

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

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

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

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

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







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRW Makara Radio, NZE North Egmont, etc.

WAR 09 16:46:14.6, 51.50N:16.09E, h1km, ML2.8, Mining Induced

PRU 09 16:46:14.5, 51.47N:16.11E

ISC 09 16:46:11.3, 51.51N:16.10E, 0.05, n10, 0.19/37/22, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPC Upice, etc.

ISC 09 16:48:28.4, 21.0, 16.46N:93.18W, mb3.4/3, mb1 3.8/3, mb1mx3.6/17, Error ellipse: s-maj=435.0km

NEIC 09 16:48:37.9, 15.51N:93.40W, h17km, MD2.2(MEX), After MEX.

MEX 09 16:48:38.1, 0.7, 15.51N:93.39W, h16km, 1.6km, MD4.2

ISC 09 16:48:36.8, 1.9, 15.9N:0.2, 93.24W, 0.07, h119km, 8km, n8, 0.15/4/12, mb3.4/3, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCX San Cristobal, CCX Comitán, etc.

NEIC 09 16:49:41.5, 34.72N:23.75E, h29km, MD3.5(ATH), After ATH.

CSEM 09 16:49:43.6, 34.88N:23.81E, h31km, MD3.5

ATH 09 16:49:42.5, 34.77N:23.74E, h32km, 4km, MD3.4/5, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVD Gavdos, KYTH Kithira, etc.

NEIC 09 17:26:22.8, 35.03N:3.06W, h7km, MG3.8(MDD), After MDD.

MDD 09 17:26:22.1, 1.4, 35.00N:3.09W, mb3.9/11, Error ellipse: s-maj=12.9km s-min=5.4km az=150.0, PRXIMO

CSEM 09 17:26:22.1, 0.3, 35.13N:3.03W, h15km, MD3.8, Error ellipse: s-maj=7.0km s-min=3.9km az=118.0

CNRM 09 17:26:22.9, 35.04N:2.85W, h1km, MD3.8

INMG 09 17:26:24.0, 1.1, 35.08N:3.00W, h15km, 3km, ML2.6, Error ellipse: s-maj=6.2km s-min=4.1km az=157.0

ISC 09 17:26:22.9, 0.4, 35.18N:0.2, 3.20W, 0.03, h10km, n53, 0.13/30/2, Strait of Gibraltar

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

WEL 09 18:08:10.3, 0.1, 39.09S:177.81E, h26km, ML3.5/2, 1C-1D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNZ Kokohu, MWZ Matawai, etc.

STR 09 18:15:54.7, 0.5, 48.05N:8.07E, h10km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 18:15:55.1, 0.2, 48.08N:7.99E, h10km, Mnd2.3/1, M12.3/6, Error ellipse: s-maj=4.1km s-min=2.8km az=140.0

ZUR 09 18:15:55.1, 48.06N:8.05E, h10km, ML1.5/7, 1C-1D, Germany

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLE Schleitheim, SULZ Sulz-Cheisache, etc.

BUI 09 18:35:16.3, 42.13N:19.85E, h20km, mb5.2, mb4.6, Ms4.5, Ms2.4

PDG 09 18:35:18.4, 0.6, 42.00N:20.39E, h0km, 11km

MOS 09 18:35:18.2, 1.0, 42.01N:20.38E, h10km, mb4.5/9, Error ellipse: s-maj=7.8km s-min=3.6km az=95.6

CSEM 09 18:35:18.3, 42.01N:20.38E, h5km, ML4.6

PRU 09 18:35:18.0, 42.00N:20.71E

TIR 09 18:35:18.1, 41.98N:20.37E, h5km, M13.4

NEIC 09 18:35:19.0, 0.6, 41.97N:20.42E, h4km, 4km, mb4.5/26, ML4.5(THI), ML4.5(PDG), ML4.1(SKO), Error ellipse: s-maj=2.4km s-min=1.8km az=209.0

NEIC Felt [IV] at Tetovo and [III] at Skopje, former Yugoslavia Republic of Macedonia.

HRVD 09 18:35:19.4, 0.8, 41.87N:20.30E, h28km, 1km, MW4.8/29, Centroid moment tensor solution. LP body waves: s7,c7; Mantle waves: s29,c37; Half duration: 0 Moment tensor: Scale 1016Nm; Mr-1.65; 28; Mw0.23; 18; Mw1.42; 17; Mw-0.11; 34; Mw0.67; 10; Mw-0.55; 22; Best double couple: Mo1.78x1016 NP1.20; 83; 83; NP2.0; 20; 35; 4; 95; Principal axes: T 1.81, Plg9; Azm 114; N -0.6; Plg4; Azm23; P -1.75; Plg80; Azm269; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=35s.

ZUR\_RM 09 18:35:19.4, 1.97N:20.42E, h9km, Mw4.6/30, Moment tensor solution. s30 Moment tensor: Scale 1016Nm; Mr-0.95; Mw0.09; Mw0.86; Mw0.20; Mw0.46; Mw-0.06; Best double couple: Mo1.04x1016 NP1.21; 7; 84; 7; 72; NP2.2; 12; 84; 6; 108; Principal axes: T 1.0746, Plg1, Azm295; N -0.76, Plg13; Azm25; P -9986, Plg77; Azm201;

MED\_RC 09 18:35:19.7, 0.2, 42.05N:20.35E, h15km, MW4.6/28, Moment tensor solution. Body waves: s28,c42; Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.04; 03; Mw0.25; 03; Mw0.79; 02; Mo0.36; 11; Mw0.24; 02; Mw-0.12; 08; Best double couple: Mo1.01x1016 NP1.5; 5; 84; 7; 113; NP2.5; 21; 7; 84; 8; 68; Principal axes: T 8.8, Plg1, Azm291; N 2.7, Plg7; Azm21; P -1.15, Plg74; Azm199; nsta1 refers to waves, cutoff=35s.

THE 09 18:35:19.6, 42.08N:20.53E, h10km, ML4.5, LDG 09 18:35:20.6, 0.2, 42.00N:20.62E, h10km, ML4.6/17, ms3.6/7, Error ellipse: s-maj=4.4km s-min=3.7km az=95.0

ISC 09 18:35:21.4, 2.4, 41.98N:20.34E, h23km, 16km, mb4.3/13, mb1 4.3/28, mb1mx4.3/32, ML4.2/14, MS3.8/11, Ms1 3.9/11, mb1mx3.6/24, Error ellipse: s-maj=9.5km s-min=7.9km az=8.0

ISC 09 18:35:18.9, 0.3, 42.040N:0.010, 20.38E:0.01, h12km, 1km, h13km, 1km, pp-P, n501, 0.12/25/601, mb4.5/44, MS4.1/8, 40C-23D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUK Puka, BCI Bajram Curri, etc.

THR 09 17:44:19.8, 0.4, 27.68N:53.83E, h15km, ML3.6

CSEM 09 17:44:19.8, 27.68N:53.83E, h15km, ML3.6

NEIC 09 17:44:32.3, 1.3, 28.32N:54.53E, h35km, mb4.0/3, Error ellipse: s-maj=34.3km s-min=13.3km az=187.0

ISC 09 17:44:38.5, 9.6, 27.94N:54.22E, h110km, 94km, mb3.4/7, mb1 3.5/7, mb1mx3.3/20, Error ellipse: s-maj=48.3km s-min=23.5km az=17.0

ISC 09 17:44:25.6, 1.3, 27.7N:0.2, 54.19E:0.10, h15km, n15, 0.118/17, mb3.7/8, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBR Kerman, BRTR Keskin Array B, etc.

WEL 09 18:08:10.3, 0.1, 39.09S:177.81E, h26km, ML3.5/2, 1C-1D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNZ Kokohu, MWZ Matawai, etc.

STR 09 18:15:54.7, 0.5, 48.05N:8.07E, h10km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 18:15:55.1, 0.2, 48.08N:7.99E, h10km, Mnd2.3/1, M12.3/6, Error ellipse: s-maj=4.1km s-min=2.8km az=140.0

ZUR 09 18:15:55.1, 48.06N:8.05E, h10km, ML1.5/7, 1C-1D, Germany

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLE Schleitheim, SULZ Sulz-Cheisache, etc.

BUI 09 18:35:16.3, 42.13N:19.85E, h20km, mb5.2, mb4.6, Ms4.5, Ms2.4

PDG 09 18:35:18.4, 0.6, 42.00N:20.39E, h0km, 11km

MOS 09 18:35:18.2, 1.0, 42.01N:20.38E, h10km, mb4.5/9, Error ellipse: s-maj=7.8km s-min=3.6km az=95.6

CSEM 09 18:35:18.3, 42.01N:20.38E, h5km, ML4.6

PRU 09 18:35:18.0, 42.00N:20.71E

TIR 09 18:35:18.1, 41.98N:20.37E, h5km, M13.4

NEIC 09 18:35:19.0, 0.6, 41.97N:20.42E, h4km, 4km, mb4.5/26, ML4.5(THI), ML4.5(PDG), ML4.1(SKO), Error ellipse: s-maj=2.4km s-min=1.8km az=209.0

NEIC Felt [IV] at Tetovo and [III] at Skopje, former Yugoslavia Republic of Macedonia.

HRVD 09 18:35:19.4, 0.8, 41.87N:20.30E, h28km, 1km, MW4.8/29, Centroid moment tensor solution. LP body waves: s7,c7; Mantle waves: s29,c37; Half duration: 0 Moment tensor: Scale 1016Nm; Mr-1.65; 28; Mw0.23; 18; Mw1.42; 17; Mw-0.11; 34; Mw0.67; 10; Mw-0.55; 22; Best double couple: Mo1.78x1016 NP1.20; 83; 83; NP2.0; 20; 35; 4; 95; Principal axes: T 1.81, Plg9; Azm 114; N -0.6; Plg4; Azm23; P -1.75; Plg80; Azm269; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=35s.

ZUR\_RM 09 18:35:19.4, 1.97N:20.42E, h9km, Mw4.6/30, Moment tensor solution. s30 Moment tensor: Scale 1016Nm; Mr-0.95; Mw0.09; Mw0.86; Mw0.20; Mw0.46; Mw-0.06; Best double couple: Mo1.04x1016 NP1.21; 7; 84; 7; 72; NP2.2; 12; 84; 6; 108; Principal axes: T 1.0746, Plg1, Azm295; N -0.76, Plg13; Azm25; P -9986, Plg77; Azm201;

MED\_RC 09 18:35:19.7, 0.2, 42.05N:20.35E, h15km, MW4.6/28, Moment tensor solution. Body waves: s28,c42; Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.04; 03; Mw0.25; 03; Mw0.79; 02; Mo0.36; 11; Mw0.24; 02; Mw-0.12; 08; Best double couple: Mo1.01x1016 NP1.5; 5; 84; 7; 113; NP2.5; 21; 7; 84; 8; 68; Principal axes: T 8.8, Plg1, Azm291; N 2.7, Plg7; Azm21; P -1.15, Plg74; Azm199; nsta1 refers to waves, cutoff=35s.

THE 09 18:35:19.6, 42.08N:20.53E, h10km, ML4.5, LDG 09 18:35:20.6, 0.2, 42.00N:20.62E, h10km, ML4.6/17, ms3.6/7, Error ellipse: s-maj=4.4km s-min=3.7km az=95.0

ISC 09 18:35:21.4, 2.4, 41.98N:20.34E, h23km, 16km, mb4.3/13, mb1 4.3/28, mb1mx4.3/32, ML4.2/14, MS3.8/11, Ms1 3.9/11, mb1mx3.6/24, Error ellipse: s-maj=9.5km s-min=7.9km az=8.0

ISC 09 18:35:18.9, 0.3, 42.040N:0.010, 20.38E:0.01, h12km, 1km, h13km, 1km, pp-P, n501, 0.12/25/601, mb4.5/44, MS4.1/8, 40C-23D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUK Puka, BCI Bajram Curri, etc.

Table with multiple columns containing names, dates, and numerical values. The table is organized into several vertical sections, each starting with a name and followed by a list of entries with associated dates and numbers. The entries are densely packed and cover a wide range of names and values.



CASC 09:19:02:26.8:1.17.23.9N-87.88W, h36km, 557km, MD3.7, ML3.4, 8C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CRIN San Cristobal, CRIN Conchagua, CRIN Leon, etc.

LDC 09:19:05:15.6:0.6:14.54S:167.13E, h10km, Mb4.3/1, Error ellipse: s-maj=91.8km s-min=47.1km az=41.0. IDC 09:19:05:28.5:4.1, 14.81S:167.56E, h122km, 32km, mb3.6/10, mb1 3.7/10, mb1mx3.7/16, Error ellipse: s-maj=28.1km s-min=23.7km az=108.0.

NEIC 09:19:05:32.3:15.15S:167.85E, h187km, mb4.9, mb4.4, Error ellipse: s-maj=11.8km s-min=8.9km az=143.0. SYO 09:19:05:34.5:14.83S:167.31E, h173km, MB4.3. ISC 09:19:05:33.6:2.0, 14.94S:0.09E, h173km, n9, n7, n12, 3Z, mb4.1/19, 5D, Vanuatu Islands

Main table of station data for the first section, including stations like DZM Mont Dzumac, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: LPL, LPGA, SMF, AVF, SOGF, RGFM, BRIF, TCF, MFF, RJJ, CAF, LAF. Includes station names like La Plagne, Sigul de Mont, Avril sur Loir, etc.

NEIC 09:19:06:35.6:2.8, 56.28S:27.17W, h162km, 25km, mb4.3/9, Error ellipse: s-maj=16.5km s-min=10.3km az=47.0. IDC 09:19:06:37.6:4.8, 56.35S:27.25W, h176km, 43km, mb3.9/7, mb1 4.0/6, mb1mx3.8/13, Error ellipse: s-maj=27.3km s-min=11.4km az=60.0.

ISC 09:19:06:33.5:3.2, 56.22S:0.09E, 27.2W, 0.2, h156km, 30km, n39, n90, 30, mb4.2/11, 9C, South Sandwich Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

BUIJ 09:19:28:50.5:6.68N:71.56W, h39km, mb5.0, Ms5.0, Msz4.6. NEIC 09:19:28:51.5:1.0, 6.13N:71.85W, h39km, 9km, mb4.6/15, Error ellipse: s-maj=10.0km s-min=6.6km az=67.0. IDC 09:19:28:52.6:0.5, 6.13N:71.88W, h49km, 4km, mb4.0/14, mb1 4.2/14, mb1mx4.0/23, MS3.7/7, Ms1 3/7, ms1mx3.2/5, Error ellipse: s-maj=22.2km s-min=11.4km

Main table of station data for the second section, including stations like OTAV Otavalo, SJJG San Juan, SJS San Juan, etc.

Main table of station data for the third section, including stations like SAO Sadowa, GDL Gaudalope Moun, ANO Alizade, etc.

IDC 09:19:54:29.2:16.0, 18.70S:172.78W, mb4.3/5, mb1 4.4/5, mb1mx4.0/17, Error ellipse: s-maj=316.0km s-min=146.8km az=80.0.

NEIC 09:19:54:36.2:2.5, 18.59S:173.10W, h35km, mb4.8/2, Error ellipse: s-maj=103.0km s-min=22.0km az=192.0. ISC 09:19:54:34.3:1.5, 18.55S:0.9E, 173.1W, 0.3, h33km, n9, n42, 9J, mb4.7, Tonga Islands

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, etc.

NEIC 09:20:04:33.5:0.6, 31.34S:69.50W, h150km, After GUC. GUC 09:20:04:33.5:0.6, 31.34S:69.50W, h150km, ML3.6, 5C-3D, San Juan Province

Main table of station data for the fourth section, including stations like CMCH Combarbala, PTCH Petorca, etc.



GUC 09 20:11:47.1-0.7, 33.20S-70.34W, h5km, 2km, MD3.6, ML2.0, 3C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Farellones, Cerro Calan, Peldehue, JACH, TACH, CHCH, CACH, CICH, LNV, SFD.

DJA 09 20:30:40.3-0.9, 8.47S-109.76E, h320km, MD4.7/4, ML5.4/4, Error ellipse: s-maj=147.5km s-min=20.9km az=0.0

NEIC 09 20:30:47.1-1.4, 6.81S-110.17E, h248km, 12km, mb4.1/5, Error ellipse: s-maj=28.0km s-min=10.1km az=54.0

IDC 09 20:30:51.0-1.6, 2.63S-110.20E, h285km, 62km, mb3.4/7, mb1.3/6.8, mb1mx3.4/15, Error ellipse: s-maj=52.9km s-min=12.8km az=59.0

ISC 09 20:30:47.1-1.5, 6.75S-110.3E, h263km, 13km, n25, r088/33, mb3.7/11, 3C-9D, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRDI, KELI, RATI, KEDI, FITZ, WRA, WRAB, WB2, CMAR, ASPA, ASAR, STKA, ULN, SONM, CHKZ, VNDA, LBTB, BRTR, MIAR.

CSEM 09 20:51:07.9-0.1, 42.82N-13.87E, h12km, ML3.1/5, Error ellipse: s-maj=1.5km s-min=1.1km az=81.0

ROM 09 20:51:08.1-0.4, 42.82N-13.79E, h5km, MD2.9/10, ML2.5/3, Error ellipse: s-maj=3.1km s-min=1.4km az=90.0

NEIC 09 20:51:08.1, 42.82N-13.79E, h5km, MD2.9(ROM), ML2.9(LDG), After ROM

LDG 09 20:51:11.1-1.2, 42.82N-13.56E, h10km, M12.9/10, Error ellipse: s-maj=0.6km s-min=0.2km az=85.0

ISC 09 20:51:08.0-0.3, 42.84N-02.137E, h5km, n65, r080/66, 4C-2D, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TERO, VCEL, CAMP, AQU, FAGN, LNSS, CING, SNTG, INTR, PTQR, ARV, MNS, MURB, CERT, GUAR, SDI, CIL, CARO, MTCE, NVLJ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVLJ, STON, VBY, VVOY, VOY, VOF, VGG, OBKA, OBKA, KBA, PUKA, SOKA, SBT, SBF, SBA, MFA, MRO, FRF, LMR, MBDF, MBDF, LPG, LPL, LPL, ORIF, SMRF, KHC, CABC, CABC, VIVF, HINF, HINF, CDF, LASF, HAU, HAU, SMF, SSF.

MAN 09 21:07:58.8, 15.77N-120.22E, h1km, mb5.1, ML4.0, MS4.1, 1C-3D, Luzon

SCZP Santa Cruz 0.29 271 Op P 21 08 25.8 +2.1

QVPH Quezon City-P 1.38 144 Op P 21 08 15.5 -1.0

LBPH Los Banos 1.86 150 Op P 21 08 15.5 -1.0

POLP Polillo Island 1.96 122 Op P 21 08 26.5 -0.6

LUBP Lubang 2.02 179 Op P 21 08 15.6 -1.9

LUBP Lubang 2.02 179 Op P 21 08 15.6 -1.9

LUBP Lukban 2.08 142 Op P 21 08 32.1 -1.3

BOAC Boac 2.79 145 Op P 21 08 28.4 -1.7

SJMP San Jose 3.04 165 Op P 21 08 32.2 -2.2

ENPP El Nido 4.60 190 Op P 21 08 48.8 -2.2

NEIC 09 21:24:06.9, 16.09N-97.58W, h30km, MD3.9(MEX), After MEX

MEX 09 21:24:07.9-0.7, 16.20N-97.61W, h13km, 22km, MD3.8, Oaxaca

PNIG Pinotepa 0.53 291 Op P 21 24 16.9 -1.7

VHO Vista Hermosa 1.21 44 Op P 21 24 26.5 -3.7

VHO Vista Hermosa 1.21 44 Op P 21 24 26.5 -3.7

OAXA Oaxaca 1.22 44 Op P 21 24 27.5 -2.9

CMIG Matias Romero 2.76 71 Op P 21 24 45.5 -7.2

CMIG Matias Romero 2.76 71 Op P 21 24 47.4 -4.0

DJA 09 22:13:20.9-1.0, 8.74S-117.73E, h178km, 11km, MD4.6/4, ML4.0/4, 3C-6D, Error ellipse: s-maj=68.8km s-min=21.5km az=0.0, Sumbawa region

KEDI Kedondong 1.62 279 Op P 22 13 54.8 +0.5

RATI Rata 2.18 270 Op P 22 14 00.5 +0.3

RATI Rata 2.18 270 Op P 22 14 00.5 +0.3

KELI Kelakatan 3.25 279 Op P 22 14 28.7 -1.8

KELI Kelakatan 3.25 279 Op P 22 14 28.7 -1.8

SRDI Scrawed 3.56 274 Op P 22 14 56.4 -2.0

NEIC 09 22:33:57.2-1.1, 22.66S-179.50W, h539km, 13km, mb4.3/11, Error ellipse: s-maj=14.1km s-min=8.9km

IDC 09 22:34:00.9-5.5, 22.78S-179.51W, h580km, 70km, mb3.3/8, mb1.3/5.9, mb1mx3.4/16, Error ellipse: s-maj=42.7km s-min=26.6km az=5.0

ISC 09 22:33:56.1-1.6, 22.77S-179.56W, h10, h539km, 20km, n34, r096/28, mb4.0/16, 1C-1D, South of Fiji Islands

AFI Afiamalu 11.40 42 Op P 22 36 28.7 -0.0

URZ Urewera 15.82 190 Op P 22 37 14.9 +1.0

CTA Charters Tower 31.90 268 Op P 22 39 40.4 +1.1

CTA Charters Tower 31.90 268 Op P 22 39 40.7 +1.4

CTA Charters Tower 31.90 268 Op P 22 39 40.5 +1.2

PMG Port Moresby 34.49 287 Op P 22 40 02.3 +1.3

PMG Port Moresby 34.49 287 Op P 22 40 02.1 +1.0

STKA Stephens Creek 35.58 247 Op P 22 40 11.2 +1.3

ASAR Alice Springs 35.62 259 Op P 22 41 07.7 +0.4

ASPA Alice Springs 42.62 259 Op P 22 41 08.2 +0.9

WRAB Warramunga Arr 42.90 265 Op P 22 41 08.3 -1.0

WRA Warramunga Arr 42.91 265 Op P 22 41 09.2 -0.1

SBA Scott Base 55.65 183 Op P 22 42 41.2 -1.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBWA, NWA0, QSPA, MDJ, CMB, OMM, NVAR, SNA3, TXAR, PVX0, PDAR, SCDO, ARCES, FINES, AKASO, EIL, CLL, BRL, BGG.

IDC 09 22:41:45.5-3.0, 1.12S-15.45W, mb3.7/2, mb1.3/9.3, mb1mx3.5/17, ML3.1/1, MS3.9/7, Ms1 3.9/7, ms1mx3.6/20, Error ellipse: s-maj=111.0km s-min=65.4km az=124.0, North of Ascension Island

DBIC Dimbokro 13.10 54 Op P 22 44 53.0 -2.6

DBIC Dimbokro 13.10 54 Op P 22 44 53.0 -2.6

BDFB Brasilia 35.22 244 LR 22 59 26.5

KMBO Kilima Mbogo 52.69 91 LR 22 13 33.2

LPZA La Paz 54.02 251 LR 22 13 14.1

GERES GERES Array B 55.78 23 P 22 51 24.2 -2.4

NOA NORARS Array B 65.29 14 LR 22 52 55.8

FINES FINESS Array B 69.96 20 P 22 52 58.5 -2.0

TXAR Lajitas Array 88.98 299 LR 22 34 54.5

PDAR Pinedale Array 93.77 313 LR 22 30 24.6

ASAR Alice Springs 141.35 132 PKP 22 01 16.5 -4.6

WRA Warramunga Arr 143.73 127 PKP 22 01 24.3 -0.9

NINC 09 23:07:06.5-19.0, 38.63N-77.24E, h26km, 624km, mpv3.9, Error ellipse: s-maj=706.2km s-min=109.6km az=1.0

B/JJ 09 23:07:14.9, 39.60N-77.04E, h14km, ML4.2, ISC 09 23:07:14.0-0.5, 39.39N-0.03, 77.09E-0.07, h14km, n25, r1510/30, 3C-2D, Southern Xinjiang

KSH Kashi 0.88 279 Op P 22 07 30.3 -1.4

KSH Kashi 0.88 279 Op P 22 07 30.3 -1.4

KSH comp=N, 9um, 0.3s Smax

ULHL Ulahol 2.93 348 P Pn 22 08 01.6 +0.5

KZA Kizilirmak 3.03 333 P Pn 22 08 03.4 +0.8

UCH Uchtoir 3.45 326 P Pn 22 08 08.6 +0.1

KBK Karagaybulak 3.65 334 P Pn 22 08 11.6 +0.3

TKM2 Tokmak 2 3.71 343 P Pn 22 08 12.6 +0.4

AML Almayashu 3.77 318 P Pn 22 08 12.9 -0.1

AAK Ala-Archa 3.79 330 Op P 22 08 13.1 +0.3

AAK comp=E, 20nm, 0.4s Ifs

AAK comp=E, 105nm, 0.6s Smax

CHMS Chumyshy 4.02 335 P Pn 22 08 16.8 +0.3

EKS2 Ekin-Say 4.12 324 P Pn 22 08 18.6 +0.5

USP Oshnovoika 4.34 334 P Pn 22 08 21.6 +0.4

DLH Dlhoushie 6.89 188 Op Pn 22 09 01.0 +3.8

THN Thein Dam 7.03 190 Op Pn 22 09 01.7 +2.6

THN Sundarnagar 7.87 181 Op Pn 22 09 16.2 +5.3

SDNR Bhakra 7.97 184 Op Pn 22 10 40.0 -3.1

MK31 Makankani Arr 8.32 25 Op Pn 22 09 14.2 -3.0

DDI Dehra Dun 9.08 175 Op Pn 22 09 32.9 +5.3

NDI New Delhi 10.68 179 Op Pn 22 11 09.9 -1.6

KOLN Koldanda 12.79 153 Op Pn 22 10 17.0 -1.2

GKN Kakan 12.97 149 Op Pn 22 10 21.0 +0.4

KKZ Kakan 13.42 147 Op Pn 22 10 25.9 -0.7

DMN Damat 13.51 148 Op Pn 22 10 27.2 -0.5

PKI Pulchoki 13.67 147 Op Pn 22 10 29.6 -0.2

BVA0 Borovoye Arr 14.40 344 Op Pn 22 10 39.3 +0.1

NEIC 09 23:09:14.0-3.4, 23.98S-179.05E, h521km, 32km, mb4.5/12, Error ellipse: s-maj=34.7km s-min=15.6km az=45.0

IDC 09 23:09:14.7-3.4, 24.10S-178.96E, h516km, 30km, mb3.8/10, mb1.3/8.11, mb1mx3.7/17, Error ellipse: s-maj=32.9km s-min=20.9km az=52.0

ISC 09 23:09:15.7-3.8, 24.19S-178.80E-0.2, h534km, 37km, n33, r095/28, mb4.3/16, SC, South of Fiji Islands

URZ Urewera 14.20 185 Op P 22 13 16.0 -1.1

URZ Urewera 14.20 185 Op P 22 13 16.0 -1.1

ARMA Armidale 24.90 249 Op P 22 13 59.8 +1.9

CTA Charters Tower 30.34 271 Op P 22 14 46.3 +0.9

CTA Charters Tower 30.34 271 Op P 22 14 46.1 +0.7

PMG Port Moresby 33.49 290 P 22 15 12.3 +0.2

PMG Port Moresby 33.49 290 Op P 22 15 12.3 +0.2

PMG Port Moresby 33.49 290 Op P 22 15 12.3 +0.2

STKA Stephens Creek 33.60 248 Op P 22 15 25.9 +1.0

STKA Stephens Creek 33.60 248 Op P 22 15 25.9 +1.0

ASAR Alice Springs 40.86 261 P 22 16 13.1 +0.6









Table with columns for station name, frequency, mode, and signal strength. Includes stations like MA2 Magadan, JEW Jew, JSH Shimam, Bering, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BJI BJT, ANM NOME, ULN Ulaanbaatar, HHC Hu-ho-hao-te, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KMI, CHKZ Chkalovo, BVAR Borovoye, BRVK Borovoye, LSA Lhasa, etc.



Table of astronomical observations for 2004 Dec, including station names (e.g., YMR, YFT, NVAR), coordinates, and observation details.

Table of astronomical observations for 2004 Dec, including station names (e.g., ASPA, GERES, BRTR), coordinates, and observation details.

Table of astronomical observations for 2004 Dec, including station names (e.g., STKA, STKA, STKA), coordinates, and observation details.











KISR 10 05:06:26.5.0.4, 28.31N-57.67E, h16km, 999km, ML4.0, Southern Iran

WEL 10 06:07:30.7.0.5, 38.03Sx176.20E, h180km, 5km, ML3.5/8, Error ellipse: s-maj=11.1km s-min=6.2km az=90.0, North Island

NEIC 10 06:40:24.8.0.9, 18.68Sx177.97W, h600km, mb4.3/4, Error ellipse: s-maj=45.9km s-min=16.0km az=161.0

ISC 10 06:40:31.1.1.4, 18.7S, 0.5x178.3W, 0.2, h700km, n13, az=23/13, mb4.0/9.2C-2D, Fiji Islands region

ISC 10 06:51:35.9.6.0, 6.01Sx146.74E, h154km, 70km, mb3.2/3, mb1.3/3, mb1mx3.2/14, Error ellipse: s-maj=83.6km s-min=28.3km az=139.0, Eastern New Guinea region

NIED 10 07:22:00.7, 37.30N, 138.80E, h5km, Mw3.5 Best double couple: M0.1, 9x10^14 NP1, 354, 851, 159; NP2, 218, 648, 123

ISC 10 07:22:56.6.0.7, 37.31N, 138.83E, h12km, 1km, M3.5 Broadband fault plane solution: P waves, NP1, 354, 851, 159; NP2, 218, 648, 123

CASC 10 07:29:16.8.2.7, 12.39N, 87.88W, h35km, 999km, MD3.5, ML2.9, 7C-2D, Near coast of Nicaragua

XAVN Gruta Xavier 1.54 991eP P 07 29 42.7 +0.5

JMA 10 07:39:34.1.0.2, 4.83N, 122.16E, h32km, M2.5 TAP 10 07:39:34.24.40N, 122.02E, h11km, ML3.1, Taiwan region

ISC 10 07:53:07.8.0.8, 15.75N, 61.61W, mb4.1/8, mb1.4/4/9, mb1mx4.1/21, ML5.7/1, Error ellipse: s-maj=11.0km s-min=10.0km az=137.0

ISC 10 07:53:09.6.0.7, 17.37N, 61.61W, h10km, mb4.2/2, Error ellipse: s-maj=20.3km s-min=12.9km az=216.0

ISC 10 07:53:09.8.0.5, 15.75N, 0.03-61.57W, 0.02, h2km, 5km, n31, az=80/37, mb4.1/10, 3C-7D, Leeward Islands

ISC 10 07:56:27.5.0.8, 15.75N, 61.62W, mb4.1/9, mb1.4/3/10, mb1mx4.1/22, ML6.0/1, Error ellipse: s-maj=11.7km s-min=10.2km az=125.0

ISC 10 07:56:29.2.0.6, 15.76N, 61.64W, h10km, mb4.1/2, Error ellipse: s-maj=15.7km s-min=10.9km az=218.0

ISC 10 09:02:50.7.2.1, 28.25Sx176.37W, mb4.0/3, mb1.4/2, mb1mx4.0/13, ML3.5/1, MS3.8/4, M1 3.8/4, s1mx3.4/23

Error ellipse: s-maj=61.6km s-min=32.3km az=130.0 NEIC 10 09:02:51.7.1.3, 28.30Sx176.28W, h10km, Error ellipse: s-maj=33.4km s-min=19.8km az=114.0

ISC 10 09:02:48.0.5.1, 28.4S, 0.1x175.5W, 0.8, h33km, n12, az=71/17, mb4.0/3, MS3.9/3, Kermadec Islands region

NIED 10 09:18:00.42.90N, 145.50E, h38km, Mw3.8 Best double couple: M0.74x10^14 NP1, 24, 871, 174; NP2, 244, 825, 128

ISC 10 09:18:47.8.6.8, 42.26N, 145.35E, h47km, 45km, mb3.4/7, mb1.3/7, mb1mx3.5/22, ML3.8/1, Error ellipse: s-maj=70.5km s-min=27.5km az=2.0

ISC 10 09:18:50.7.0.1, 42.93N, 145.48E, h45km, 1km, M3.5 MOS 10 09:18:57.1.1.4, 44.47N, 145.27E, h33km, mb4.1/4, Error ellipse: s-maj=33.9km s-min=27.2km az=106.6

ISC 10 09:18:50.2.1.0, 42.94N, 0.08-145.48E, 0.08, h52km, 6km, n21, az=76/27, mb3.6/7, Hokkaido region

ISC 10 09:20:44.7.2.0, 14.75Sx72.25W, h92km, 18km, Error ellipse: s-maj=28.5km s-min=18.4km az=120.0

ISC 10 09:20:46.9.4.6, 15.35S, 72.42W, h127km, 42km, mb3.4/2, mb1.3/4, mb1mx3.2/16, Error ellipse: s-maj=40.4km s-min=28.6km az=128.0

NEIC 10 09:30:01.4, 16.59N, 96.36W, h155km, MD4.2(MEX), After MEX. MEX 10 09:30:01.6.1.4, 15.75N, 96.31W, h17km, 20km, MD4.2, Near coast of Oaxaca



Table with 4 columns: PPM, Station Name, Frequency, and other parameters. Includes Popocatepetl and other stations.

NAO 10 09:33:05.1s, 0.67.52N-33.23E, ML2.3
HEL 10 09:33:04.0, 4.67.69N-33.79E, ML2.1, ML1.9(BER),
ML2.3(NAO),Explosion,Baltic States - Belarus -
Northwestern Russia

Table with 7 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Maaseika, Sodankyl, Kevo, etc.

MOS 10 09:42:32.3, 1.1, 10.89N:141.77E, h33km, mb5.7/14,
MS4.9/10, Error ellipse: s-maj=16.0km s-min=8.4km
az=104.2

BUL 10 09:42:32.7, 11.12N:141.97E, h28km, mb5.4, mb5.2,
MS5.0, MSz4.9

IDC 10 09:42:34.4, 0.0, 10.89N:141.82E, h34km, mb4.9/27,
mb1.5, 1/28, mb1mx0.3/30, ML4.4/1, MS4.9/20, MS1.4/20,
ms1mx4.8/28, Error ellipse: s-maj=13.6km s-min=8.8km
az=88.0

NEIC 10 09:42:34.0, 0.1, 10.87N:141.78E, mb5.3/54, MS4.9/10,
Error ellipse: s-maj=5.3km s-min=4.0km az=101.0

HRVD 10 09:42:34.0, 0.2, 10.81N:141.63E, h47km, MW5.5/58,
Centroid moment Tensor Solution. LP body waves:
s58,c119;Mantle waves: s58,c122; Half duration: 1s3
Moment tensor: Scale 10^17Nm; M1:87±.04;
M2:0.99±.03; M3:0.89±.03; M4:0.53±.02; M5:1.02±.02;
M6:0.37±.03; Best double couple: M2.02x10^17 Np1:
0.43, 836, 185; Np2:229, 854, 193; Principal axes:
T:1.98, P:0.80, Azm:154; N:0.8, P:0.3, Azm:47; P:2.06,
P:0.9, Azm:317; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISC 10 09:42:32.9, 0.2, 10.85N:0.03-141.78E, 0.03, h33km,
h33km, 7km; p-P, n278, c109/273, mb5.2/105, MS4.9/55,
18C-14D, Western Caroline Islands

Large table with 7 columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their parameters.

Large table with 7 columns: SSE, Station Name, Frequency, and other parameters. Includes Sheshan, Guanzhou, Nanjing, etc.

Large table with 7 columns: XAN, Station Name, Frequency, and other parameters. Includes various stations and their parameters.





10d 10h

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like MSNY, WALA, VLL, NEW, EPH, etc.

2004 DEC

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like FLN, LDF, EALK, MFF, EGES, etc.

252

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like NJ2, GAOTAI, GTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rancho Dowling, Cerro Prieto, Cerro Bola, Ensenada, Esteban Cantu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kelakatan, Warramunga Arr, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

IDC 10:10:54:02.6:0.1, 11.19S:42.82E, mb4.1/7, mb1 4.3/8, mb1mx4.0/22, ML4.5/1, Error ellipse: s-maj=32.5km s-min=24.7km az=77.0

IDC 10:14:18:30.5:0.2, 24.83N:122.08E, h96km, M2.7, TAP 10:14:18:30.3, 24.84N:122.05E, h99km, ML3.5, Taiwan region

IDC 10:14:19:55:0.1, 1.28.94N:132.08E, mb3.5/5, mb1 3.7/6, mb1mx3.8/21, ML3.6/1, Error ellipse: s-maj=35.4km s-min=24.6km az=102.0

NEIC 10:10:54:04.1:0.5, 11.14S:42.80E, h10km, mb4.6/4, Error ellipse: s-maj=13.7km s-min=10.3km az=91.0

JMA 10:14:18:58.2:0.2, 28.89N:132.06E, h67km, M3.4, ISC 10:14:19:57:7.0, 28.89N:132.04E, h33km, m20, 0.94/33, mb3.4/5, West of Bonin Islands

IDC 10:15:54:56.3:0.2, 24.65N:122.25E, h78km, m1km, ML3.1, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kilima Mbogo, Mbarara, Lobatse, Boshof, SUR, ASAR, WRA, YKA, YKA, TXAR, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kikaisha, Tanegashima 3, Nakanoshima, Amami Oshima, Kuchinoerabu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

IDC 10:12:35:54.3:1.4, 14.59N:146.89E, mb3.5/5, mb1 3.7/5, mb1mx3.6/19, Error ellipse: s-maj=45.7km s-min=25.3km az=93.0, Mariana Islands

IDC 10:10:54:08.8:1.8, 49.28S:121.52E, mb3.8/5, mb1 4.1/6, mb1mx4.0/11, ML2.2/1, MS3.4/5, Ms1 3.4/5, ms1mx3.0/16, Error ellipse: s-maj=66.3km s-min=24.1km az=92.0

JMA 10:15:54:56.3:0.2, 24.65N:122.31E, h83km, M2.1, TAP 10:15:54:55.9, 24.65N:122.25E, h78km, m1km, ML3.1, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Chiang Mai Arr, SONGINGO Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Narrogin (SRO), Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

PRU 10:13:11:47.8, 50.33N, 18.95E, WAR 10:13:11:47.7, 50.22N, 19.02E, h0km, ML2.6, Mining Induced, Poland

IDC 10:15:43:25.6:0.9, 74N:126.17E, h64km, mb4.9, mb4.6, Ms4.2, Msz3.8, IDC 10:15:43:27.2:3.0, 10.04N:126.18E, h36km, m22km, mb3.9/15, mb1 4.0/15, mb1mx3.9/22, MS3.6/2, Ms1 3.7/2, ms1mx2.8/28, Error ellipse: s-maj=33.4km s-min=14.1km

BUI 10:16:07:33.8, 6.40S:130.16E, h41km, mb4.2, NEIC 10:16:07:34.5:0.4, 5.74S:130.85E, h20km, mb4.3/9, Error ellipse: s-maj=17.2km s-min=6.4km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ojcow, Ostrava-Krasne, Niedzica, Dobruska-Polom, KSP, UPIC, PRU, CLL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Narrogin (SRO), Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

IDC 10:13:15:44.5:1.1, 28.92N:131.99E, mb3.6/4, mb1 3.8/4, mb1mx3.6/20, MS2.5/1, Ms1 2.5/1, ms1mx2.3/24, Error ellipse: s-maj=38.5km s-min=24.0km az=105.0, Southeast of Ryukyu Islands

IDC 10:15:43:25.6:0.9, 74N:126.17E, h64km, mb4.9, mb4.6, Ms4.2, Msz3.8, IDC 10:15:43:27.2:3.0, 10.04N:126.18E, h36km, m22km, mb3.9/15, mb1 4.0/15, mb1mx3.9/22, MS3.6/2, Ms1 3.7/2, ms1mx2.8/28, Error ellipse: s-maj=33.4km s-min=14.1km

JMA 10:15:54:56.3:0.2, 24.65N:122.31E, h83km, M2.1, TAP 10:15:54:55.9, 24.65N:122.25E, h78km, m1km, ML3.1, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kunigami, Chichi jima, Warramunga Arr, Alice Springs, FINES, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Narrogin (SRO), Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

DJA 10:13:26:34.9:0.9, 11.32S:107.17E, h33km, mb6.2/4, Error ellipse: s-maj=104.0km s-min=18.7km az=158.0

IDC 10:15:43:25.6:0.9, 74N:126.17E, h64km, mb4.9, mb4.6, Ms4.2, Msz3.8, IDC 10:15:43:27.2:3.0, 10.04N:126.18E, h36km, m22km, mb3.9/15, mb1 4.0/15, mb1mx3.9/22, MS3.6/2, Ms1 3.7/2, ms1mx2.8/28, Error ellipse: s-maj=33.4km s-min=14.1km

NEIC 10:15:43:28.1:7.1, 10.02N:126.24E, h46km, mb7km, mb4.4/5, Error ellipse: s-maj=28.4km s-min=11.5km az=67.0

IDC 10:15:43:27.8:0.9, 10.04N:126.34E, h58km, mb8km, n42, 0.129/54, mb4.2/22, MS3.6/2, 2C-3D, Philippine Islands region

IDC 10:15:43:27.8:0.9, 10.04N:126.34E, h58km, mb8km, n42, 0.129/54, mb4.2/22, MS3.6/2, 2C-3D, Philippine Islands region

IDC 10:15:43:27.8:0.9, 10.04N:126.34E, h58km, mb8km, n42, 0.129/54, mb4.2/22, MS3.6/2, 2C-3D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Narrogin (SRO), Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Narrogin (SRO), Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Maasin, Borongan, Bislig, etc.

10d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like CTAA Charters Tower, FORT Forrest, STKA Stephens Creek, etc.

IDC 10 16:18:09.0.2.4, 15.59Sx176.14W, mb4.2/4, mb1 4.5/4, mb1mx4.0/14, Error ellipse: s-maj=176.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like STKA Stephens Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

HEL 10 16:31:59.2.0.4, 67.13Nx20.33E, ML2.0, Explosion IDC 10 16:32:01.9.0.9, 67.05N, 21.19E, mb1 3.1/4, mb1mx3.0/19, ML2.4/4, Error ellipse: s-maj=18.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like STKA Stephens Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

NEIC 10 16:52:31.2, 32.59Sx71.61W, h26km, ML3.2(GUC), After GUC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like PACH Papudo, IHA Instituto Hidir, ROCH El Roble, etc.

STR 10 16:56:17.5.0.8, 45.90N, 2.82E, h10km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like AGO Saint Agoulin, TCF Toulu Ste Croi, PLDF La Plantade, etc.

IDC 10 16:56:59.3.2.12, 22.75Sx166.20W, mb3.9/6, mb1 4.2/6, mb1mx4.0/14, MS3.4/5, MS1 3.4/5, ms1mx3.1/27, Error ellipse: s-maj=74.4km s-min=26.2km az=128.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, STKA Stephens Creek, etc.

DJA 10 17:16:23.2.1.0, 3.63S, 119.03E, h2km, MD4.2/3, ML3.3/2, 3C-4D, Error ellipse: s-maj=22.3km s-min=6.4km az=119.0, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like TANI Tanete Lijupan, TANI Tanete Lijupan, NINI Niconangan, etc.

CASC 10 17:27:17.5.2.7, 14.02N, 91.59W, h25km, 11km, MD3.9, 8C, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like JAT Jato, FUG Fuego, TP2 Tecpan 2, etc.

IDC 10 17:31:53.0.47.0, 15.24S, 171.45W, mb3.9/3, mb1 4.1/3, mb1mx3.7/15, Error ellipse: s-maj=92.7km s-min=187.8km az=79.0, Samoa Islands region

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

IDC 10 17:40:11.4.38.0, 19.05S, 177.94W, h66km, 222km, mb3.1/6, mb1 3.2/6, mb1mx3.0/17, Error ellipse

254

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like CTA Charters Tower, CTA Charters Tower, PMG Port Moresby, etc.

IDC 10 18:38:04.8.1.9, 3.21S, 135.39E, mb4.1/3, mb1 4.3/7, mb1mx4.0/15, ML3.7/4, MS3.4/1, Ms1 3.4/1, ms1mx2.8/16, Error ellipse: s-maj=65.3km s-min=29.8km az=98.0

NEIC 10 18:38:09.8.1.2, 3.35S, 135.23E, h10km, mb3.9/3, Error ellipse: s-maj=20.0km s-min=13.4km az=135.0

ISC 10 18:38:13.8.3.1, 4.05S, 0.1, 135.4E, 0.1, h33km, 33km, n16, r133/24, mb4.2/3, 1D, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like KAKA Kakadu, PMG Port Moresby, WRAB Warramunga Arr, etc.

IDC 10 18:38:34.5.1.1, 35.33N, 35.79W, mb3.8/8, mb1 4.1/8, mb1mx3.9/21, MS4.0/19, Ms1 4.0/19, ms1mx3.9/29, Error ellipse: s-maj=34.6km s-min=19.0km az=166.0

NEIC 10 18:38:36.1.0.6, 35.33N, 35.87W, h10km, Error ellipse: s-maj=20.1km s-min=12.9km az=161.0

ISC 10 18:38:34.3.0.7, 35.4N, 0.2, 35.8W, 0.1, h10km, n25, 0545/10, mb3.8/8, MS4.0/19, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like ESDC Sonseca Array, SCHO Schefferville, SJG San Juan, etc.

BRTR Keskin Arr B, 53.96 63, 1.5m, 0.3s, mb3.9, baz=309, slow=7.9, SNR=4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like YKA Yellowknife Arr, YKA Yellowknife Arr, PDAR Pinedam Array, etc.

THR 10 19:02:54.2.0.4, 29.73N, 57.63E, h18km, 7km, ML3.6

CSEM 10 19:02:54.2, 29.75N, 57.64E, h18km, ML3.6, After THR

IDC 10 19:03:01.3.6.5, 30.83N, 57.48E, mb3.3/4, mb1 3.5/4, mb1mx3.3/20, Error ellipse: s-maj=131.0km s-min=49.1km

ISC 10 19:02:55.7.0.9, 30.0N, 0.1, 57.66E, 0.05, h18km, n10, 0567/15, mb3.4/4, 2C, Southern Iran

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





10d 21h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Petorca, Instituto Hidir, Al Roble, Combarbala, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Matias Romero, El Vigia, Oaxaca, etc.

2002 DEC

Table with columns: ANMO, Station Name, Az, Phase, ID, Time, Res. Includes stations like Albuquerque, Mina Array Bea, etc.

NIED 10 21:23:00, 29.50N, 128.60E, h240km, Mw4.5 Best double couple: M5.32x10^15 NP1q=126°, s56°, λ-96°. NP2: φ=317°, δ34°, λ-81°.

BUI 10 21:23:49.6, 29.28N, 128.81E, h235km, mB4.8, mb4.9. JJC 10 21:23:51.8, 0.9, 29.63N, 128.34E, h218km, mB4.3, mb3.9/28, mb1.4/129, mb1mx4.1/31, Error ellipse: s-maj=15.3km s-min=7.9km az=76.0

NEIC 10 21:23:54.0, 0.0, 29.62N, 128.40E, h236km, 5km, mb4.4/32. Error ellipse: s-maj=6.6km s-min=5.4km az=86.0. JMA 10 21:23:53.4, 0.2, 29.47N, 128.63E, h249km, 3km, M4.1. ISC 10 21:23:52.9, 0.2, 29.52N, 0.03, 128.48E, 0.04, h237km, 2km, n111, e113/121, mb4.2/58, 4D, Northwest of Ryukyu Islands

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Nakanoshima, Amami Oshima, Kuchinoerabu, etc.

256

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tokmak 2, Uchter, EKSZ, etc.





Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ZAL Zalesovo, NVS Novosibirsk, GYA Guiyang, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ELK Elko, MTUM Tungssten Hills, KAF Kangasniemi, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like RDF Al-Radifrah, GRR Gorron, CABF La Chapelle, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NEIC 1023.18.13.8.3.1, etc.







CTA	77nm,0.3s,baz=8.2,slow=11,SNR=991	S	S	02 01 48.9 +4.4
CTA	baz=21,slow=15,SNR=1.3			02 06 15.3
KAKA	0.2nm,0.3s,baz=53,slow=6.1,SNR=3	ScP		
KAKA	Kakadu 18.90 244 //iP	P	P	01 59 36.0 +0.1
KAKA WRAB	Tennant Creek 21.38 223 //iP	eS	S	02 02 40.3 +1.2
WB2	Warramunga Arr 21.38 223 //iP	eS	P	01 59 59.0 +0.3
WB2		eS	P	02 03 18.8 -1.5
WB2		ePCS	P	02 06 11.3
WRA	Warramunga Arr 21.39 223 P	P	P	01 59 59.3 +0.3
WRA	57nm,0.4s,mb5.5,baz=46,slow=9.5,SNR=165	S	S	02 03 19.2 -1.2
WRA	44nm,0.7s,baz=47,slow=15,SNR=14	PcP	PcP	02 03 41.0 -0.3
WRA	20nm,0.6s,baz=34,slow=2.1,SNR=6	ScP		02 06 27.8
WRA	20nm,0.9s,baz=36,slow=2.4,SNR=13	PKJKP		02 11 25.1
WRA	1.4nm,0.5s,baz=302,slow=1.1,SNR=10.0			
WRA WRA	Warramunga Arr 21.39 223 //iP	P	P	01 59 57.4 -1.6
NOUC	Port Laguerre 23.64 139 eP	P	P	02 00 18.4 -1.1
DZM	Mont Dzumac 23.72 139 eP	P	P	02 00 19.8 -0.3
ASAR	Alice Springs 24.34 217 eP	P	P	02 00 25.6 -0.1
ASAR	comp=Z,49nm,0.5s,mb5.4,baz=51,slow=7.9,SNR=13	PcP	PcP	02 03 47.0 -0.6
ASAR	comp=Z,11nm,0.6s,baz=45,slow=2.9,SNR=4.0	S	S	02 04 05.0 -3.0
ASAR	comp=Z,17nm,0.6s,baz=50,slow=14.5,SNR=8.5	ScP		02 06 35.6
ASAR	comp=Z,16nm,0.8s,baz=45,slow=2.7,SNR=7.2	PKJKP		02 11 26.6
ASAR	comp=Z,0.9nm,0.5s,baz=46,slow=0.5,SNR=6.1			
ASPA	Alice Springs 24.34 217 //iP	eS	S	02 00 25.4 -0.4
ASPA		eS	S	02 04 05.4 -2.6
ASPA		ePCS	ScS	02 06 56.7
ASPA		eSCS	ScS	02 10 25.6 +2.8
MATI	Mati 26.12 296 eP	P	P	02 00 40.5 -1.1
FITZ	Fitzroy Crossi 27.13 238 //iP	P	P	02 00 49.1 -1.3
FITZ	comp=Z,16nm,0.3s,mb5.1	e	e	02 01 05.4
FITZ		eSCP	P	02 06 44.5
FITZ	Fitzroy Crossi 27.13 238 P	P	P	02 00 49.2 -1.2
FITZ	comp=Z,20nm,0.4s,mb5.1,baz=42,slow=7.1,SNR=184	S	S	02 04 51.8 -0.1
FITZ	comp=Z,11nm,0.9s,baz=213,slow=6.6,SNR=3.6	ScP		02 06 44.0
BUKP	comp=Z,39nm,0.9s,baz=115,slow=6.3,SNR=7.1			
BUTP	Butuan 27.59 297 eP	P	P	02 00 53.9 -0.6
STKA	Stevens Creek 28.18 195 //iP	P	P	02 01 10.5 +1.6
STKA	comp=Z,20nm,0.4s,mb5.1	eS	S	02 00 58.3 -1.2
STKA		eSCP	P	02 05 03.1 -5.1
STKA	Stevens Creek 28.18 195 P	P	P	02 00 58.4 -1.2
STKA	comp=Z,24nm,0.4s,mb5.2,baz=354,slow=8.4,SNR=96	S	S	02 05 07.0 -1.1
STKA	comp=Z,9.1nm,0.6s,baz=334,slow=2.1,SNR=2.9			02 06 47.6
STKA	comp=Z,12nm,0.7s,baz=71,slow=4.1,SNR=6.0			
MSLP	Maasin 28.80 301 eP	P	P	02 01 04.2 -0.9
BESP	Borongan 29.07 304 eP	P	P	02 01 06.8 -0.5
PAGZ	Pagadian 29.09 305 eP	P	P	02 01 07.5 0.0
CNLF	Ormoc 29.47 302 eP	P	P	02 01 08.2 -1.5
OCLP	Catarman 31.00 305 eP	P	P	02 01 16.1 -0.9
GUIM	Jordan 31.00 299 eP	P	P	02 01 23.2 -0.6
OTRP	Odiongana 32.32 302 eP	P	P	02 01 34.3 -0.8
CBJ	Chichi jima 32.36 347 eP	P	P	02 01 31.4 -3.9
CBJ	comp=Z,148nm,0.8s,mb5.5,baz=110,slow=23,SNR=4.6	PcP	PcP	02 04 06.2 -1.5
CUYO	Cuyo Island 32.47 298 eP	P	P	02 01 36.6 +0.3
BOAC	Boac 33.02 303 eP	P	P	02 01 40.7 -0.2
TOOLANG	Toolangi 33.03 186 //iP	P	P	02 01 41.3 +0.5
FORT	Forrest 33.09 216 //iP	P	P	02 01 40.8 -0.6
FORT	comp=Z,260nm,0.5s,mb6.0	eS	S	02 06 19.4 -4.6
SJMP	San Jose 33.14 301 eP	P	P	02 01 42.4 +0.4
POLP	Polilio Island 33.61 305 eP	P	P	02 01 45.2 -0.7
ENPP	El Nido 34.03 298 eP	P	P	02 01 49.5 +0.1
TGY	Tagaytay City 34.11 303 eP	P	P	02 01 49.1 -1.0
BALP	Baler 34.46 307 eP	P	P	02 01 52.5 -0.5
LUBP	Lubang 34.50 302 eP	P	P	02 01 51.6 -1.7
CAUP	Cauayan 34.94 308 eP	P	P	02 01 57.3 +0.3
CVP	Callao Caves 35.38 310 eP	P	P	02 02 01.0 +0.4
SGCP	Mt. Cagua 35.53 310 eP	P	P	02 02 01.4 -0.5
APYF	Comner 35.92 309 eP	P	P	02 02 04.2 -0.9
ABRA	Dolores 36.21 308 eP	P	P	02 02 06.3 -1.1
BBP	Busco 36.95 313 eP	P	P	02 02 13.1 -0.4
JOW	Knigami 37.54 328 P	P	P	02 02 18.1 -0.1
NWAO	Narrogin (SRO) 41.40 223 S	S	S	02 08 27.1 +0.4
URZ	Urewera 41.73 147 P	P	P	02 02 52.3 +0.3
URZ	comp=Z,14nm,1.1s,baz=58,slow=17,SNR=3.6	PcP	PcP	02 04 34.3 -3.1
QZH	Quanzhou 42.25 316 //iP	P	P	02 02 56.6 +0.7
OZH		S	S	02 08 39.3 +0.9
MAT	Matsushiro 42.34 346 P	P	P	02 02 56.4 -0.5
MAT		S	S	02 08 35.0 -5.2
MAT	Matsushiro 42.34 346 eP	P	P	02 02 56.0 -0.9
MAT	comp=Z,94nm,0.8s,mb5.3	eS	S	02 08 35.0 -5.2
RPZ	Rata Peaks 43.24 157 P	P	P	02 03 03.5 -0.4
SSE	Sheshan 44.77 324 P	P	P	02 03 15.5 -0.5
SSE		AP	P	02 04 55.3 +1.1
SSE		XP	S	02 05 53.6 +1.5
SSE		XS	S	02 09 14.6 0.0
SSE		AMB	AMB	02 12 15.5
SSE		AMB	AMB	
SSE	comp=Z,32nm,1.3s,mb4.7			
SSE	comp=Z,102nm,4.7s			
QIZ	Qiongzong 45.78 302 //iP	P	P	02 03 24.9 +0.9
QIZ		eS	S	02 01 21.3 -0.9
QIZ		S	S	02 09 29.8 +1.0
QIZ		XS	S	02 12 27.2
QIZ		AMB	AMB	
KS15	Wanju Array Si 46.54 336 eP	P	P	02 03 29.3 -0.2
NJ2	Nanjing 46.84 323 eP	P	P	02 03 32.6 +0.8
NJ2		PcP	PcP	02 04 50.3 -4.1
NJ2		AP	P	02 05 11.9 +0.8
NJ2		PP	P	02 05 31.5 +3.2
NJ2		SCP	P	02 07 57.0
NJ2		S	S	02 09 46.0 +2.7
NJ2		AMB	AMB	
NJ2	comp=Z,80nm,0.8s,mb5.3			
NJ2	comp=Z,240nm,8.9s	AMB	AMB	
WHN	Wuhan 48.66 318 //iP	P	P	02 03 46.0 +0.3
WHN		AMB	AMB	
ASAJ	Asahikawa 48.94 353 P	P	P	02 03 47.1 -0.4
ASAJ	comp=Z,26nm,0.6s,mb4.9,baz=219,slow=12,SNR=16	PcP	PcP	02 05 01.2 -0.7
GYA	Guyang 51.90 309 //iP	P	P	02 04 10.3 +0.8
GYA		S	S	02 10 54.6 +2.6
GYA		AMB	AMB	
GYA	comp=Z,20nm,0.8s,mb4.5			
GYA	comp=Z,980nm,3.2s	AMB	AMB	
MDJ	Mudanjiang 52.24 342 P	P	P	02 04 11.7 -0.1
MDJ		PcP	PcP	02 05 13.3 -1.0
MDJ		AP	P	02 05 59.2 +5.1
MDJ		PP	P	02 06 19.7 +2.8
MDJ		S	S	02 10 58.6 +2.2
MDJ		ScS	ScS	02 13 01.2 -2.0
MDJ	comp=Z,18nm,0.8s,mb4.5	AMB	AMB	
MDJ	comp=Z,105nm,4.6s			
CN2	Changchun 52.94 338 eP	P	P	02 04 16.3 -0.4
CN2		PcP	PcP	02 05 11.3 -0.9
CN2		eS	S	02 11 03.6 -2.0

CN2	comp=Z,10.0nm,0.9s,mb4.2	AMB	AMB	
CN2	comp=Z,290nm,4.0s	AMB	AMB	
BJJ	Beijing 54.10 328 P	P	P	02 04 26.8 +1.7
BJJ		PcP	PcP	02 05 20.9 -0.5
BJJ		AP	P	02 06 14.1 +5.7
BJJ		PP	P	02 06 38.6 +4.5
BJJ		SCP	P	02 08 24.6
BJJ		PCS	P	02 09 23.0
BJJ		S	S	02 11 18.9 -2.1
BJJ		ScS	ScS	02 13 16.5 +0.1
BJJ		AMB	AMB	
KMI	comp=Z,17nm,1.2s,mb4.2	eP	P	02 04 26.6 +1.4
KMI	Kunming 54.39 305 //iP	PcP	PcP	02 05 22.9 +0.1
KMI		AP	P	02 06 11.3 +0.5
KMI		PP	P	02 06 40.2 +3.4
KMI		S	S	02 11 27.9 +2.9
KMI		XS	S	02 14 34.9
KMI		SS	SS	02 15 20.6 +1.1
KMI		AMB	AMB	
KMI	comp=Z,18nm,0.9s,mb4.4			
KMI	comp=Z,123nm,4.5s	AMB	AMB	
XAN	Xi'an 54.43 318 P	P	P	02 04 27.2 -0.2
XAN		AMB	AMB	
CM31	comp=Z,44nm,0.7s,mb4.9			
CM31	Chiang Mai Arr 55.06 296 eP	P	P	02 04 32.5 +0.4
CM31	comp=Z,8.8nm,0.7s,mb4.1	ePcP	PcP	02 05 25.5 +0.1
CMAR	Chiang Mai Arr 55.06 296 P	P	P	02 04 31.5 -0.5
CMAR	comp=Z,5.6nm,0.5s,mb4.0,baz=122,slow=6.0,SNR=30	PcP	PcP	02 05 25.6 +0.2
CMAR	comp=Z,8.3nm,0.6s,baz=112,slow=2.0,SNR=12	PKP2bc		02 34 41.8
CMAR	comp=Z,3.9nm,1.0s,baz=293,slow=4.2,SNR=6.7	P	P	02 04 33.1 +1.1
CMAR	Chiang Mai Arr 55.06 296 //iP	P	P	02 04 33.1 +1.1
CMAR	comp=Z,6.0nm,0.5s	pmax	pmax	
CMAR	Chiang Mai Arr 55.06 296 P	PcP	PcP	02 04 31.5 -0.5
CMAR		P	P	02 05 25.6 +0.2
CMAR		P	P	02 34 41.8
KLR	Kul'dur 55.87 346 eP	P	P	02 04 47.0 +1.0
KLR		e	e	02 05 24.0
KLR		pmax	pmax	
CD2	comp=Z,26nm,1.0s,mb4.4			
CD2	Chengdu 56.34 312 P	P	P	02 04 41.0 +0.3
CD2		XP	S	02 07 22.4 +1.2
CD2		S	S	02 11 50.2 -0.1
CD2		ScS	S	02 13 34.2 +1.6
CD2		XS	S	02 14 59.2
CD2	comp=Z,20nm,0.8s,mb4.4	AMB	AMB	
CD2	comp=Z,90nm,5.0s	AMB	AMB	
HHC	Hu-ho-hao-te 57.16 326 eP	PcP	PcP	02 04 46.3 +0.1
HHC		PP	P	02 05 34.3 +0.8
HHC		PP	P	02 07 03.0 +1.9
HHC		S	S	02 11 57.4 -3.3
HHC		ScS	ScS	02 12 37.6 -0.9
HHC		XS	S	02 15 05.6
HHC		SS	SS	02 16 00.3 -3.1
HHC		AMB	AMB	
HHC	comp=Z,23nm,0.7s,mb4.5	AMB	AMB	
BTO	Baotou 57.87 325 eP	P	P	02 04 49.9 -1.2
PET	Petropavlovsk 57.91 6 //iP	P	P	02 04 50.7 -0.5
PET		e	e	02 05 35.3
PET		ePP	P	02 06 36.2 -0.6
PET		eS	S	02 12 13.0 +2.9
PET		eSS	S	02 16 13.1 -1.8
PET		eSSS	S	02 19 03.1 0.0
PET		pmax	pmax	
PET	comp=Z,58nm,0.7s,mb4.9			
PET	comp=Z,57nm,0.8s	pmax	pmax	
PET	comp=Z,67nm,1.0s,mb4.8	pmax	pmax	
PET	comp=Z,200nm,17.2s	pmax	pmax	
PET	comp=Z,300nm,10.9s	smax	smax	
PET	comp=Z,200nm,17.8s	pmax	pmax	
PET	comp=Z,200nm,17.8s	pmax	pmax	
PET	comp=Z,54nm,3.1s	P	P	02 04 59.9 +1.1
LZH	Lanzhou 59.01 317 eP	PcP	PcP	02 05 11.6 +0.8
LZH		AP	P	02 06 50.7 +5.7
LZH		PP	P	02 07 21.7 +4.3
LZH		PP	P	02 09 42.8
LZH		PCS	P	02 12 26.0 +1.7
LZH		S	S	02 16 32.1 0.0
LZH		SS	S	
LZH	comp=Z,61nm,1.4s,mb4.6	AMB	AMB	
LZH	comp=Z,208nm,4.0s			
FX1	Attu Island-F 60.61 16 P	P	P	02 05 09.2 +0.1
FX1	comp=Z,37nm,0.6s,mb5.5,baz=153,slow=1.1,SNR=25	S	S	02 05 08.5 -0.6
FX1	Attu Island-F 60.61 16 eP	P	P	02 05 10.6 +0.6
PAE	Paea 60.68 108 eP	P	P	
TIAR	Tiarei 60.89 107 eP	P	P	02 05 12.4 +1.0
TBI	Tubuai 61.40 114 eP	P	P	02 05 15.2 +0.5
PMOR	Pomariole Re 62.12 104 eP	P	P	02 05 20.2 +0.8
PMOR	comp=Z,200nm,1.0s,mb5.5			
MH	Mehetia 62.13 108 eP	P	P	02 05 20.1 +0.6
DRV	Dumont d'Urville 62.31 184 S	S	S	02 13 02.0 -2.8
GAOTI	Gaotai 63.48 318 eP	P	P	02 05 28.5 +0.6
GTA		PcP	PcP	02 05 29.4 +0.4
GTA		AP	P	02 07 18.3 +1.7
GTA		PP	P	02 07 59.5 +3.5
GTA		XP	S	02 08 15.5 +4.3
GTA		S	S	02 13 22.3 +2.9
GTA		AMB	AMB	
GTA	comp=Z,102nm,4.2s			
SHL	Shillong 63.61 301 eP	P	P	02 05 28.0 -1.0
SHL		e	e	02 08 20.8
SHL		S	S	02 13 18.8 +0.6
MA2	Magadan 64.00 1 eP	P	P	02 05 30.1 -0.7
MA2		eSP	S	02 08 10.4 -4.0
MA2		eS	S	02 13 25.4 +0.1
MA2		pmax	pmax	
SONM				





Table with columns: WRA, FITZ, Warramunga Arr, 136.90 221 PKP, 0.6m, 0.5s, baz=131, slow=1.9, SNR=6.7, FITZ, Fitzy Crossi, 143.43 233 PKP, 3.0m, 0.5s, baz=143, slow=9.7, SNR=12

Table with columns: NEIC, GUC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, CMCH, Combarbala, 0.79 121, i, S, P, 04 36 50.0, +0.2, 04 37 00.9, +0.4, 04 37 01.1

Table with columns: IDC, NEIC, FUNV, TRN, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, GUVI, Guiria, 0.47 148, e, S, P, 04 45 36.1, -1.9, 04 45 40.1, -4.1

Table with columns: IDC, NEIC, FUNV, TRN, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, GUVI, Guiria, 0.47 148, e, S, P, 04 45 36.1, -1.9, 04 45 40.1, -4.1

Table with columns: IDC, NEIC, FUNV, TRN, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, GUVI, Guiria, 0.47 148, e, S, P, 04 45 36.1, -1.9, 04 45 40.1, -4.1

Table with columns: IDC, NEIC, FUNV, TRN, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, GUVI, Guiria, 0.47 148, e, S, P, 04 45 36.1, -1.9, 04 45 40.1, -4.1

Table with columns: IDC, NEIC, FUNV, TRN, ISC, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, GUVI, Guiria, 0.47 148, e, S, P, 04 45 36.1, -1.9, 04 45 40.1, -4.1

Table with columns: WRA, Warramunga Arr, 161.55 239 PKP, 0.5m, 0.7s, baz=78, slow=0.7, SNR=5.8

NIED 11 04:55:00, 28.90N, 132.00E, h5km, Mw3.8 Best double couple: M4.82x10^14 Np1.9x214°, δ59°, λ-90°. NP2.9x33°, δ37°, λ-91°

JMA 11 04:55:39, 1.0, 28.76N, 132.23E, mb3.5/7, mt1 3/7/8, mb1mx3.6/22, ML3.6/1, Error ellipse: s-maj=33.0km s-min=20.5km az=97.0

JMA 11 04:55:43, 1.0, 28.87N, 132.03E, h57km, M3.6 ISC 11 04:55:41, 8.0, 28.82N, 132.04E, 0.05, h33km, m20, c1909,32,mb3.5/7, West of Bonin Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, JTN, Tanegashima 3, 2.05 337, P, S, P, 04 56 15.2, +0.7, 04 56 39.1, -0.1

NIED 11 05:00:20, 28.80N, 132.10E, h5km, Mw3.9 Best double couple: M9.25x10^14 NP1.9x208°, δ54°, λ-96°. NP2.6x38°, δ37°, λ-82°

JMA 11 05:03:27, 9.0, 28.85N, 132.12E, h51km, M3.9 ISC 11 05:03:28, 0.0, 28.84N, 132.03E, 0.05, h33km, n22, c1819,6,mb3.7/7, West of Bonin Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, JZK, Kikashima, 1.89 255, S, P, S, 05 04 25.0, +3.8, 05 04 00.3, -0.1

MOS 11 05:27:33, 8.0, 7.3, 7.0N, 128.40E, h33km, mb4.8/12, Error ellipse: s-maj=30.4km s-min=11.2km az=118.4

NEIC 11 05:27:35, 9.6, 1.3, 5.4N, 128.38E, h34km, 45km, mb4.5/6, Error ellipse: s-maj=18.8km s-min=8.8km az=67.0

IDC 11 05:27:36, 8.0, 8.3, 5.3N, 128.32E, h46km, 7km, mb4.2/15, mb1 4/4/15, mb1mx4.3/21, MS3.9/2, Ms1 1/3/8/2, ms1mx3.0/26, Error ellipse: s-maj=27.3km s-min=9.6km az=70.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, MATI, Mati, 3.99 327, P, P, 05 28 29.0, -1.1, 05 28 01.0, -0.4

Table with columns: WRA, Warramunga Arr, 24.08 166, eP, P, 05 32 48.6, +0.4, 05 37 00.9, +4.4, 05 33 20.1, -0.9

ASAR Alice Springs 27.59 169 P, P, 05 33 20.1, -0.9

ASAR Charters Tower 29.31 144 eP, P, 05 33 47.4 +3.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

ASAR Charters Tower 29.31 144 P, P, 05 33 37.4 +0.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC, WHN, Wuhai, 29.95 335, eP, P, 05 33 42.5, +0.5, 05 34 03.9, +0.2









Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ILAR Eielson Arr, YKA Yellowknife Arr, etc.

IDC 11 08:46:27.0, 6.6, 4.48N, 145.36E, mb4.2/14, mb1 4.4/15, mb1mx4.3/20, ML3.4/1, MS3.9/21, Ms1 3.9/21, ms1mx3.8/25, Error ellipse: s-maj=24.3km s-min=13.8km az=92.0

NEIC 11 08:46:33.4, 3.9, 6.43N, 145.23E, h39km, 35km, mb4.7/2, Error ellipse: s-maj=19.0km s-min=14.1km az=87.0

BUI 11 08:46:33.4, 6.40N, 145.20E, h38km, mb5.4, mb4.8

MOS 11 08:46:35.3, 1.1, 6.38N, 145.35E, h74km, mb4.6/10, Error ellipse: s-maj=24.9km s-min=11.2km az=100.0

ISC 11 08:46:31.1, 0.4, 6.39N, 0.05, 145.28E, 0.10, h33km, n67, 0.086/54, mb4.5/32, MS3.9/20, 12, Eastern Caroline Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, KAKA Kakadu, JOW Kungming, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU, VVND, YKA, YKA, YKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GNI, ARCES, OBN, OBN, OBN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR, FINES, LPAZ, LPAZ, LPAZ, etc.

NEIC 11 09:00:25.4, 45.13S, 167.49E, h124km, After WEL, WEL 11 09:00:24.9, 0.4, 45.13S, 167.42E, h124km, 3km, ML4.6/7, 4C-6D, Error ellipse: s-maj=3.4km s-min=2.1km az=90.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DCZ, DCZ, MLZ, MLZ, MLZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHZ, WHZ, WHZ, WKZ, WKZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHZ, WHZ, WHZ, WKZ, WKZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC, IDC, YKA, SYO, ISC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROCH, PEL, PEL, JACH, JACH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IHA, IHA, TACH, TACH, PCH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LML, LML, LML, LML, LML, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LNV, LNV, CACH, CACH, CACH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFDO, SFDO, MDZ, MDZ, MDZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DCZ, DCZ, MLZ, MLZ, MLZ, etc.



Table with columns: Station Name, Time, Res, and other details. Includes stations like JANG Nango, JANG Kuzumaki, JAZZ Ohasama, etc.

MOS 11:40:48.7-1.1, 37.47N-20.72E, h10km, mb4.5/4, Error ellipse: s-maj=9.7km s-min=4.1km az=85.5

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like VLS Valsameta, RLS Riols of Patr, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like JAN Janina, LKR Lokris, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like XZR Kozani, KAN Katakhoron, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like LTRZ Laterza, LTRC Laterza, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like MGR Morigerati, MGR Morigerati, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like BOJS Bojanci, GCSJ Gorjani, etc.

Table with columns: Code, Station Name, Time, Res, and other details. Includes stations like MOA Mollin, MOA Davos, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like HINF Hinterferal, HINF HINTERFERAL, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like EIL Elat, CDF Champ du Feu, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like HFS Haglors, EKA Eskdalemuir, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like GUN Gumba, SCHO Schefferville, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like VVND Vanda, RPZ Rata Peaks, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like PPI Padang Panjang, PPI Padang Panjang, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like KELI Kelakatan, RATI Rata, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like KEDI Kedondong, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like MEX 11:28:35.9-0.4, MEX 11:28:35.9-0.4, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, etc.

11d 13:16:35.45, 1.20, 625.178.28W, mb3.9/2, mb1 4.3/2, mb1mx3.8/12, MS3.6/1, Ms1 3.5/1, ms1mx2.9/2, Error ellipse: s-maj=333.0km s-min=37.0km az=157.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTKA Charters Tower, STKA Stephens Creek, WB2 Warramunga Arr, etc.

WEL 11 13:38:35.8±0.2, 38.165±176.38E, h157km, 1km, ML3.5/7, 2.2, Error ellipse: s-maj=2.0km s-min=1.9km az=0.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URJZ Urewera, MWZ Matawai, BKZ Black Stump Fm, etc.

NNC 11 13:48:15.5±33.0, 77.93N, 72.34E, h203km, 609km, mpv4.2, Error ellipse: s-maj=153.1km s-min=47.1km az=102.0, ISC 11 13:48:08.0±1.7, 37.42N, 0.06±72.2E, 0.3, h200km, n22, ±0.70/26, 1C-1D, Tajikistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, KZA Kyzart, etc.

IDC 11 14:06:04.8±3.6, 36.40N±71.84E, mb3.7/4, mb1 3.9/5, mb1mx3.6/18, ML3.3/1, Error ellipse: s-maj=76.9km s-min=37.0km az=1.0

NNC 11 14:06:22.8±0.3, 38.48N, 72.67E, mpv4.0, Error ellipse: s-maj=91.5km s-min=33.9km az=115.0

ISC 11 14:06:17.3±1.8, 38.03N, 0.07±72.2E, 0.2, h33km, 19km, n19, ±1.12/19, mb3.5/4, 1C-1D, Tajikistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, KZA Kyzart, etc.

NEIC 11 14:25:35.1±0.5, 9.99N, 126.39E, h10km, mb4.6/7, Error ellipse: s-maj=22.9km s-min=8.6km az=75.0

IDC 11 14:25:38.9±4.2, 9.96N, 126.37E, h34km, 32km, mb4.0/13,

mb1 4.1/13, mb1mx4.0/21, MS3.5/2, Ms1 3.5/2, ms1mx2.9/23, Error ellipse: s-maj=33.3km s-min=13.4km az=71.0

MAN 11 14:25:39.1, 10.07N, 126.36E, h32km, mb4.9, ML3.8, MS3.8

ISC 11 14:25:39.2±0.9, 10.05N, 0.03±126.42E, 0.06, h56km, 8km, n41, ±1.92/50, mb4.3/18, MS3.2/1, 1C-4D, Philippine Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, MSLP Maasin, PLP Palo, etc.

CMAR 11 14:25:39.2±0.9, 10.05N, 0.03±126.42E, 0.06, h56km, 8km, n41, ±1.92/50, mb4.3/18, MS3.2/1, 1C-4D, Philippine Islands region

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

IDC 11 14:37:33.7±1.1, 13.40N, 120.81E, mb3.6/4, mb1 3.9/4, mb1mx3.7/17, Error ellipse: s-maj=32.6km s-min=9.5km az=95.0

MAN 11 14:37:34.0, 13.52N, 120.60E, h10km, mb4.4, ML3.2, MS3.0

ISC 11 14:37:33.0±1.0, 13.49N, 0.04±120.66E, 0.04, h3km, 8km, n18, ±1.11/25, mb3.6/4, 3C-1D, Mindoro

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, TGY Tagaytay City, etc.

IDC 11 15:01:19.5±26.0, 16.82N, 99.62W, mb3.5/3, mb1 4.0/3, mb1mx3.7/17, MS3.9/1, Ms1 3.9/1, ms1mx2.5/19, Error ellipse: s-maj=473.0km s-min=129.6km az=173.0

NEIC 11 15:01:24.2, 16.71N, 100.48W, h15km, MD4.1(MEX), MEX

MEX 11 15:01:24.5, 1.3, 16.71N, 100.48W, h16km, 21km, MD4.1

ISC 11 15:01:23.4±1.3, 16.77N, 0.07±100.43W, 0.05, h30km, 8km, n18, ±1.04/21, mb3.2/3, MS3.9/1, 1C, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ACX Acapulco, ZIIG Zihuatajejo, etc.

NEIC 11 15:01:23.4±1.3, 16.77N, 0.07±100.43W, 0.05, h30km, 8km, n18, ±1.04/21, mb3.2/3, MS3.9/1, 1C, Near coast of Guerrero

IDC 11 15:01:23.4±1.3, 16.77N, 0.07±100.43W, 0.05, h30km, 8km, n18, ±1.04/21, mb3.2/3, MS3.9/1, 1C, Near coast of Guerrero

Vista Hermosa 3.55 85 i S Sn 15 02 58.0 -1.4  
NVAR 0.8m, 0.8s, mb3.3, bazz=142, slow=10, SNR=7.8 P 15 07 03.7 +2.0

PDAR Pinedale Arr 27.05 345 P 15 07 05.5 +0.3  
YKA Yellowknife Arr 46.74 351 P 15 09 50.7 -0.8

IDC 11 15:26:42.0±1.0, 7.60N, 36.74W, mb4.1/7, mb1 4.2/7, mb1mx3.9/20, MS3.4/5, Ms1 3.4/5, ms1mx3.1/19, Error ellipse: s-maj=33.4km s-min=22.0km az=121.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BDFB Brasil, BDFB comp=Z, 43nm, 20.3s, bazz=326, slow=34, etc.

PRU 11 16:06:33.5, 49.82N, 18.47E, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, OJC Ojcow, etc.

IDC 11 16:20:34.7±5.2, 7.22N, 126.80E, mb3.5/3, mb1 3.7/3, mb1mx3.5/15, Error ellipse: s-maj=162.0km s-min=117.1km az=74.0, Northern Molucca Sea

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

IDC 11 16:28:18.7±12.0, 1.52S±101.34E, h182km, 106km, mb3.6/7, mb1 3.7/7, mb1mx3.5/14, Error ellipse: s-maj=69.7km s-min=19.1km az=63.0

ISC 11 16:28:09.4±6.1, 1.65S±101.42E, 0.1E, h113km, 44km, n10, ±0.51/8, mb4.0/7, 1C, Southern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IPM Ipo, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

CASC 11 16:35:45.9±1.7, 14.71N, 91.24W, h181km, 5km, MD4.3, mb4.6(NEIC)

IDC 11 16:35:49.6±2.3, 15.00N, 90.84W, h206km, 19km, mb3.7/11, mb1 3.9/13, mb1mx3.8/21, Error ellipse: s-maj=22.4km s-min=14.1km az=58.0

NEIC 11 16:35:49.4±1.3, 14.95N, 90.81W, h207km, 12km, mb4.6/14, Error ellipse: s-maj=17.0km s-min=9.2km az=63.0

ISC 11 16:35:45.8±0.4, 14.92N, 0.05±91.20W, 0.06, h183km, 3km, n55, ±1.08/65, mb4.1/16, 6C-8D, Guatemala

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TP2 Tecpan 2, FUG Fuego 3, GCG Guatemala City, etc.

NEIC 11 16:35:45.8±0.4, 14.92N, 0.05±91.20W, 0.06, h183km, 3km, n55, ±1.08/65, mb4.1/16, 6C-8D, Guatemala

IDC 11 16:35:45.8±0.4, 14.92N, 0.05±91.20W, 0.06, h183km, 3km, n55, ±1.08/65, mb4.1/16, 6C-8D, Guatemala

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCT Junction City, TXAR Lajitas Array, LRAL Lakeview Retre, etc.

NIED 11 16:43:00.33, 10N, 137.20E, h8km, Mw3.9 Best double couple: M7.9x10^14 NP1.70, 87.5, 4.48. NP2.0x333, 84.4, 1.58.

JMA 11 16:43:39.9, 0.1, 33.12N, 137.24E, h43km, Mw3.9 NEIC 11 16:43:41.2, 1.0, 33.05N, 137.08E, h20km, mb4.5/1, Mw3.9(NIED), Error ellipse: s-maj=31.1km s-min=18.3km az=94.0

ISC 11 16:43:40.5, 0.3, 33.15N, 137.26E, 0.03, h43km, (h31km, 1.4km; p-P), n34, c09753, mb3.9, MS3.8/1, 6C-2D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, TK03 Tokai 3, etc.

JMA 11 16:45:54.0, 0.3, 35.35N, 140.16E, h64km, Mw3.2 Broadband fault plane solution: P waves, NP1.7x53, 846, 1.46. NP2.0x178, 859, 1.126. Principal axes: T P1g7, Azm293; N P1g30; Azm199; P P1g59; Azm35.

JMA Felt J1 NIED 11 16:46:00.35, 40N, 140.20E, h47km, Mw3.5 Best double couple: Mo1.83x10^14 NP1.7x212, 871, 1.89. NP2.0x28, 819, 1.94.

ISC 11 16:45:54.1, 0.3, 35.31N, 140.16E, 0.05, h69km, 8km, n14, c096626, 6C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, JCN Katsura, KTR Katsura, etc.

OTT 11 16:59:06.0, 2.52, 72N, 67.14W, MN2.9/5, Blast, Mount Wright, Qc Mining explosion., Northern Quebec

BUI 11 16:45:20.1, 4.90N, 94.00E, h15km, mb4.8

NEIC 11 16:45:23.1, 8.5, 4.91N, 93.99E, h15km, 52km, mb5.1/5, Error ellipse: s-maj=26.6km s-min=10.3km az=58.0

ISC 11 16:45:27.4, 3.1, 5.1N, 90.1, 94.3E, 0.1, h61km, 26km, n38, c1509/35, mb4.4/23, 1C-1D, Northern Sumaterra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IPM Ipo, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

NEIC 11 17:07:54.9, 1.1, 55.62N, 154.30W, h35km, ML3.3(AIC), Error ellipse: s-maj=15.7km s-min=10.5km az=154.0

ISC 11 17:07:52.2, 3.5, 55.65N, 0.1x154.1W, 0.2, h31km, 23km, n22, c08724, mb3.8/5, South of Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KDCAK Kodiak Island, KDCAK Kodiak, CAHL Cahill, etc.

ISC 11 17:15:20.3, 15.0, 6.00N, 126.25E, mb4.0/5, mb1 4.1/5, mb1mx3.9/18, Error ellipse: s-maj=26.7, 0km s-min=75.5km az=173.0

ISC 11 17:15:20.9, 1.6, 6.16N, 0.07x126.4E, 0.1, h23km, 14km, n12, c1907/16, mb3.8/5, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, KCP Kidapawan, BUKP Musuan, etc.

JMA 11 18:00:07.9, 0.2, 33.57N, 127.88E, M2.6 KMA 11 18:00:08.3, 33.60N, 127.70E, M2.1

ISC 11 18:00:09.2, 0.3, 33.55N, 0.05x127.85E, 0.05, h10km, n11, c087175, South Korea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KSJUU Jeju, JFU Fukue jima 2, JFU Fukue jima 1, etc.

ISC 11 18:01:13.6, 0.8, 44.48N, 0.04x17.12E, 0.09, h10km, n8, c1917/16, 3C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NVLJ Novajia, NVLJ Novajia, STON Ston, etc.

ISC 11 18:07:34.6, 1.8, 23.41S, 68.04W, h116km, 10km, mb3.6/7, mb1 3.8/9, mb1mx3.7/14, Error ellipse: s-maj=35.5km s-min=20.3km az=15.0, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, etc.

ISC 11 18:37:38.5, 1.5, 3.99N, 126.67E, mb3.5/4, mb1 3.7/4, mb1mx3.5/17, Error ellipse: s-maj=109.0km s-min=23.5km az=76.0

ISC 11 18:37:38.6, 1.8, 4.3N, 126.5E, 0.8, h33km, n5, c0933/6, mb3.4/4, Talau Islands



Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include KCP Kidapawan, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array.

IDC 11 18:40:21.6, 2.3, 53.04N, 174.22W, h218km, 23km, mb3/4/10, mb1 3.7/12, mb1mx3.5/24, Error ellipse: s-maj=23.8km s-min=10.5km az=177.0, NEIC 11 18:40:21.1, 0.2, 52.69N, 174.19W, h218km, 4km, mb4/2/5, Error ellipse: s-maj=12.9km s-min=5.4km az=156.0, ISC 11 18:40:20.1, 0.3, 52.90N, 0.09-174.19W, 0.07, h220km, 4km, n42, 0690/50, mb3.7/14, Andreanof Islands

Main table for station data on the left page, listing various stations like ATKA Atka Island, GSTR Great Sitkin T, GSIG Iglikin Island, etc.

IDC 11 18:50:07.0, 7.0, 9.3, 52S, 135.61E, mb4.0/5, mb1 4.2/9, mb1mx4.1/14, ML3.7/4, Error ellipse: s-maj=41.2km s-min=19.4km az=74.0, NEIC 11 18:50:09.0, 9.0, 3.53S, 135.52E, h10km, mb4/4/5, Error ellipse: s-maj=19.4km s-min=10.9km az=78.0, ISC 11 18:50:11.9, 1.7, 3.76S, 105.135.5E, 0.1, h43km, 16km, n21, r137/25, mb2/8, Irian Jaya region

Main table for station data on the left page, continuing from the previous table with stations like KAKA Kakadu, PMAK Port Moresby, WB2 Warramunga Arr, etc.

IDC 11 19:02:25.4, 1.7, 43.63N, 105.45W, mb4.8/1, mb1 4.1/5, mb1mx3.6/19, ML3.3/5.4, Error ellipse: s-maj=44.2km s-min=8.9km az=151.0, NEIC 11 19:02:26.0, 5, 43.68N, 105.18W, ML3.4, Error ellipse: s-maj=7.2km s-min=4.8km az=113.0, Suspected Mining explosion, NEIC 75 km [45 miles] SSE of Gillette, ISC 11 19:02:24.0, 6, 43.68N, 105.16W, 0.08, n43, r154/43, mb5.0/1, Wyoming

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include PHWY Pilot Hill, RAWY Rawlins, LROV LASA Array, etc.

IDC 11 19:07:53.2, 0.6, 13.63N, 89.25W, h55km, 4km, mb4.0/17, mb4.2/18, mb1mx4.1/25, MS3.7/10, Ms1 3.7/10, ms1mx3.5/19, Error ellipse: s-maj=22.9km s-min=11.8km az=67.0, CASC 11 19:07:53.1, 2.6, 13.25N, 89.75W, h43km, 29km, MD4.6, ML4.7, mb4.6(NEIC), NEIC 11 19:07:59.1, 3, 13.43N, 89.42W, h106km, 12km, mb4.6/22, MD4.8(SNET), Error ellipse: s-maj=16.1km s-min=6.7km az=55.0, NEIC F(II) at San Salvador, ISC 11 19:07:52.0, 4, 13.29N, 0.04-89.70W, 0.04, h75km, 3km, n106, r122/124, mb4.3/29, 22C-24D, El Salvador

Main table for station data on the right page, listing various stations like SBL5 San Blas, SNJE San Jose, LBR5 Las Brisas, etc.

IDC 11 19:02:24.0, 6, 43.68N, 105.16W, 0.08, n43, r154/43, mb5.0/1, Wyoming

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include comp=E, 8.9nm, 0.8s, NADV Nacodogchos, SDV Santo Domingo, etc.

IDC 11 19:02:24.0, 6, 43.68N, 105.16W, 0.08, n43, r154/43, mb5.0/1, Wyoming

Main table for station data on the right page, continuing from the previous table with stations like JCT Junction City, LTX Lajitas, TXAR Texas Array, etc.

IDC 11 19:02:24.0, 6, 43.68N, 105.16W, 0.08, n43, r154/43, mb5.0/1, Wyoming





11d 19h

2004 DEC

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like MTE Manteigas, HOG Hogback Mounta, EMIN Mina Concepcio, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like DAG Danmarks Havn, GIVF Givet, SMRF Simiane la Rot, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like GERES GERESS Array B, BRG Berggiesshubel, PRU Pruhonice, etc.



11d 21h

Table with columns: SUW, WLF, WLF, WLF, WLF, EPF, RJF, TCF, TCF, LFF, ETSF, ETSF, MEM, GIVF, DJF, SJP, SJP, BAIF, BAIF, MFF, MFF, BSD, ESDC, ESLS, LDF, LDF, FLN, FLN, GRR, GRR, OB, SGMF, SGMF, MOS, MOS, QUIF, QUIF, ROSF, ROSF, HFS, FINES, NA001, NA001, EKA, ESK, NB2, NB2, NOA, KAF, ARU, ARU, ARU, ARU, ARU, AREO, DBIC, CHKZ, CHKZ, CHKZ, CHKZ, AML, EKS2, AAK, AAK, UCH, TKM2, NVS, NVS, GTA, GTA, SONM, SONM, BOD, YAK, YAK, YAK, KMI, KMI, KMI, YKA, ILAR, ASAR

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes sub-headers for Adriaatic Sea and Virgin Islands.

276

Table with columns: IDC, MOS, ATH, THE, ZUR, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes sub-headers for Greece and other stations.

PRU 11 20:11:18.2, 42.93N, 14.89E
ROM 11 20:11:21.5, 0.6, 43.17N, 15.40E, h10km, MD3.2/12,

NEIC 11 20:12:39.0, 19.22N-64.63W, h25km, MD3.5(PSR),
After RSPR.
RSPR 11 20:12:39.0, 19.22N-64.63W, h25km, 28km, MD3.5/6,

MD3.5/6, 7C-2D, Virgin Islands
Code Station Name Az Az' Phase ID Time Res h m s ISC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PGB Panagurishte, IVA Berane, AYVA Ayalav, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TRI Trieste, PGZ Poggio Sodo, PSZ Piszkesteto, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SUW Suwalki, CLZ Clausthal, SMF Signal de Mont, etc.





EMIN Mina Concepcio 4.05 315 P Pn 22 49 46.6 -2.5
EMIN Mina Concepcio 4.05 315 S Sn 22 50 31.4 -6.6
EMIN Mina Concepcio 4.05 315 S Pn 22 50 31.4 -6.5
EMIN Mina Concepcio 4.05 315 P Sn 22 49 46.6 -2.5

DJA 11 23:14:54.4-0.5, 8.12S:-114.86E, h16km, 5km, MD4.6/3,
ML4.0/1, 4D, Error ellipse: s-maj=27.5km s-min=6.0km
az=179.0, Bali region
Code Station Name Az AZ Phase ID Time Res
KELI Kelakatan 0.38 255j Op Pn 23 15 01.7 -3.2
KELI Kelakatan 0.38 255 eP Pn 23 15 02.1 -0.3
KELI Kelakatan 0.38 255 eS Pn 23 15 07.5 -4.3
SRDI SRDI 0.80 243j eP Pn 23 15 08.1 -2.8

IDC 11 23:18:46.3:63.0, 14.96S:-173.55W, mb3.7/3, mb1 3.9/3,
mb1mx3.6/14, Error ellipse: s-maj=1217.0km
s-min=199.7km az=78.0, Samoa Islands region
Code Station Name Az AZ Phase ID Time Res
STKA Stephens Creek 44.13 240 P P 23 26 56.7 -1.7
WRA Warramunga Arr 49.80 256 P P 23 27 41.3 -1.9
ASAR Alice Springs 50.11 252 P P 23 27 43.4 -2.1

NEIC 11 23:18:48.2, 36.65S:-178.41E, h81km, ML4.4(WEL), After
WEL
WEL 11 23:18:49.3:0.6, 36.71S:-178.32E, h80km, 3km, ML4.1/5,
Error ellipse: s-maj=5.5km s-min=3.7km az=90.0, Off
east coast of North Island

Code Station Name Az AZ Phase ID Time Res
MXZ Matakaoa Point 0.85 180 P P 23 19 06.3 -0.5
MXZ Matakaoa Point 0.85 180 S P 23 19 19.9 -0.1
MXZ Matakaoa Point 0.85 180 S P 23 19 19.9 -0.1
WIZ White Island 1.22 227 P P 23 19 20.2 +0.3
PUZ Puketiti 1.36 182 P P 23 19 13.2 -0.1
PUZ Puketiti 1.36 182 P N 23 19 13.2 -0.2
MWZ Matawai 1.74 201 P P 23 19 18.1 -0.2
MWZ Matawai 1.74 201 S P 23 19 41.4 +1.8
MWZ Matawai 1.74 201 S P 23 19 18.0 -0.2
MWZ Mayor Island 1.76 250 P P 23 19 18.4 -0.1
URZ Urewera 1.82 211 P P 23 19 19.0 -0.2
URZ Urewera 1.82 211 P N 23 19 19.0 -0.4
URZ Urewera 1.82 211 S P 23 19 39.9 -1.6
MARZ Manawahe 1.83 225 P P 23 19 19.3 -0.1
MARZ Manawahe 1.83 225 P N 23 19 19.3 -0.1
EDRZ Edgecumbe 1.88 221 P P 23 19 19.8 -0.2
EDRZ Edgecumbe 1.88 221 P N 23 19 19.8 -0.2
LIRZ Lichensteins R 2.01 229 eP N 23 19 22.3 +0.5
TAZ Tarawera 2.09 223 P P 23 19 24.4 +1.4
KANZ Tarawera 2.09 223 eP N 23 19 23.5 +0.4
KNZ Kokohu 2.36 192 eP P 23 19 25.4 -1.4
KNZ Kokohu 2.36 192 P N 23 19 32.6 -0.7
KNZ Black Stump Fm 2.85 210 P P 23 19 32.4 -1.2
KNZ Black Stump Fm 2.85 210 P N 23 19 32.3 -1.3
NGZ Ngaurohoo 3.27 220 P P 23 19 39.8 +0.4
NGZ Ngaurohoo 3.27 220 eP N 23 19 39.7 +0.3
TUZ Tukino 3.31 219 S N 23 19 39.2 -0.8
CNZ Chateau 3.31 220 P P 23 19 40.5 +0.4
CNZ Chateau 3.31 220 eP N 23 19 40.3 +0.2
FWZ Far West T-bar 3.35 220 P P 23 19 41.3 +0.7
FWZ Far West T-bar 3.35 220 eP N 23 19 40.7 +0.1
MOVZ Moawhango 3.37 216 P P 23 19 39.9 -1.0
MOVZ Moawhango 3.37 216 eP N 23 19 39.6 -1.2
WNVZ Wahianoa 3.38 219 P P 23 19 42.3 +1.2
WNVZ Wahianoa 3.38 219 eP N 23 19 41.9 +0.8
TSZ Takapari Road 3.82 208 P P 23 19 45.8 -1.4
TSZ Takapari Road 3.82 208 eP N 23 19 45.0 -2.2
MRZ Mangatainoka R 4.49 208 eP P 23 19 53.4 -3.0
MRZ Mangatainoka R 4.49 208 eP N 23 19 53.4 -3.1
KIW Kapiti Island 4.93 212 P P 23 19 58.3 -4.1
KIW Kapiti Island 4.93 212 eP N 23 19 57.4 -4.9
MTW Mount Morrison 4.96 205 P P 23 19 58.8 -4.0
MTW Mount Morrison 4.96 205 eP N 23 19 58.7 -4.1
NHZ Nelson 5.92 219 S P 23 21 17.7 -5.6
THZ Topohouse 6.57 218 eP P 23 20 21.0 -4.1
THZ Topohouse 6.57 218 eP N 23 20 20.0 -5.0
THZ Topohouse 6.57 218 S P 23 21 32.0 -5.7
MQZ McQueen's Vall 8.22 210 S N 23 22 06.4 -1.4

MOS 11 23:24:05.9:1.5, 43.04N:-50.10E, h10km, mb3.8/1, Error
ellipse: s-maj=13.3km s-min=1.0km az=19.5
CSEM 11 23:24:06.0:0.2, 42.60N:-49.91E, h25km, mb4.0/7, Error
ellipse: s-maj=8.2km s-min=3.9km az=156.0
IDC 11 23:24:08.2:1.7, 43.04N:-49.76E, mb3.7/3, mb1 3.8/7,
mb1mx3.5/21, ML2.9/4, MS2.7/1, Ms1 2.7/1, ms1mx2.5/20,
Error ellipse: s-maj=37.6km s-min=14.8km az=137.0,
NEIC 11 23:24:11.2:0.8, 43.03N:-50.09E, h38km, 15km, mb3.8/8,
Error ellipse: s-maj=8.9km s-min=6.9km az=195.0
ISC 11 23:24:10.7:0.8, 42.91N:-0.06:50.07E, 0.06, h60km, 13km,
n44, c1920/46, mb3.7/5, 1D, Caspian Sea

Code Station Name Az AZ Phase ID Time Res
MAK Makhachkala 1.89 273j iP N 23 24 43.2 +1.9
MAK comp=N, 945nm, 0.6s pmax pmax
MAK comp=Z, 1.0m, 0.9s smax smax
MAK comp=N, 4.0m, 0.9s smax smax
MAK comp=E, 6.0m, 0.9s smax smax
DBC Dubki 2.38 274 P N 23 24 48.0 -0.3
DBC Dubki 2.38 274 S S 23 25 17.0 +0.7
XNZR Khunzakh 2.51 263 P N 23 24 45.0 -5.1
TIZ Plekhanov 4.12 255 eP N 23 25 25.2 +1.2
TIZ Tsey 4.54 270 eP P 23 25 19.4 +0.7
GNI Gani 4.86 237 P N 23 25 23.1 0.0
GNI comp=E, 0.5nm, 0.3s, baz=20, slow=12, SNR=5.5 LR LR 23 27 45.7
GNI comp=E, 88nm, 18.9s, baz=226, slow=46 LR LR 23 25 23.1 0.0
GNI Gani 4.86 237 P N 23 25 23.1 0.0
GNI comp=Z, 1.0m, 0.3s pmax pmax
GNI comp=Z, 88nm, 18.9s MLR MLR 23 25 22.6 -0.5
GNI Gani 4.86 237 eP P 23 25 30.0 -1.7
KIV Kislodovsk 5.48 284 eP P 23 26 30.7
KIV comp=Z, 4.0m, 0.2s e pmax pmax
KIV comp=N, 32nm, 0.3s e P 23 25 30.0 -1.7
KIV Kislodovsk 5.48 284 eP P 23 26 30.7
KIV comp=N, 4.0m, 0.2s e 23 26 30.7
IGVZ Gazvin 6.51 179 P N 23 25 48.6 +2.5

IMHD Mahdasht 7.22 176 Pn P 23 25 55.9 -0.2
IDMV Damavand 7.47 188 Pn P 23 25 59.4 -0.1
IRAZ Razeghan 7.49 181 Pn P 23 25 58.1 -1.6
IRAZ Firoozkooh 7.55 163 Pn P 23 26 48.8
IRAZ Farman 8.00 146 Pn P 23 25 59.6 -0.9
IQOM Oom 8.09 174 Pn P 23 26 05.9 -0.9
ISFB Sefidab 8.71 168 Pn P 23 26 16.2 -0.2
BRTR Keskin Array B 12.76 261 Pn P 23 27 08.1 -3.1
ARU Arti 14.59 19 eP P 23 27 30.9 -4.1
OBN Obninsk 15.05 329 P P 23 27 45.2 +4.2
AKASO Malin Array Be 16.23 306 Pn P 23 27 54.0 -2.0
BVAR Soyuz Array B 16.90 46 Pn P 23 28 04.0 -0.4
BVAR comp=N, 0.4nm, 0.3s, baz=232, slow=15, SNR=9.4 S S 23 28 02.2 -6.7
CHKZ Chkalovo 17.34 44 eP P 23 28 08.5 -1.4
CHKZ comp=Z, 2.0nm, 0.7s pmax pmax
EK2S Erkin-Say 17.40 83 eP P 23 28 10.7 0.0
AML Almayashu 17.43 84 eP P 23 28 12.7 +1.6
AML Almayashu 17.43 84 eP P 23 28 12.6 +1.6
AAK Ala-Archa 17.92 83 eP P 23 28 17.1 -0.1
AAK Ala-Archa 17.92 83 eP P 23 28 17.1 -0.1
AAK Ala-Archa 17.92 83 eP P 23 28 17.0 -0.2
EIL Elat 17.94 227 P P 23 28 17.5 +0.1
KWP Kalwaria 20.01 299 P P 23 28 40.5 -0.3
KWP Kalwaria 20.01 299 P P 23 28 40.5 -0.3
KWP Kalwaria 20.01 299 P P 23 28 40.5 -0.3
SUW Suwalki 20.88 311 eP P 23 28 48.9 -0.9
SUW Suwalki 20.88 311 eP P 23 28 48.9 -0.8
FINES Finest Array B 24.55 331 P P 23 29 16.0 +1.1
KAF Kangasiniemi 23.82 332 eP P 23 29 20.0 +1.6
KAF Kangasiniemi 23.82 332 eP P 23 29 20.0 +1.6
GERES Geres Array B 25.83 296 P P 23 29 38.6 +0.8
AQU L'Aquila 26.85 281 P P 23 29 45.9 -1.5
AQU L'Aquila 26.85 281 P P 23 29 45.9 -1.5
HFS Hagfors 27.95 321 P P 23 29 58.5 +1.3
IDC 11 23:46:00.2:2.7, 6.35S:-147.53E, h34km, 20km, mb4.5/11,
mb1 4.6/14, mb1mx4.5/16, ML3.9/3, MS4.1/14, Ms1 4.1/14,
ms1mx4.0/17, Error ellipse: s-maj=17.8km s-min=9.5km
az=120.0
BUJ 11 23:46:00.3:6.30S:-147.60E, h49km, mb5.1, mb5.0, Ms4.5,
Ms2.1
NEIC 11 23:46:01.4:1.2, 6.31S:-147.58E, h49km, 10km, mb4.8/27,
Error ellipse: s-maj=9.8km s-min=6.7km az=90.0
ISC 11 23:45:54.2:1.8, 6.26S:-147.67E, 0.07, h8km, 11km,
n75, c095/74, mb4.8/39, MS4.1/13, 1D, Eastern
Guinea region
Code Station Name Az AZ Phase ID Time Res
PMG Port Moresby 3.17 189 Op Pn 23 46 47.0 +1.7
PMG Port Moresby 3.17 189 S N 23 47 24.3 +0.6
PMG Port Moresby 3.17 189 eP N 23 46 46.8 +1.5
PMG Port Moresby 3.17 189 eS N 23 47 25.8 +2.1
CTA Charters Tower 13.82 186 eP P 23 49 15.0 +2.1
CTA Charters Tower 13.82 186 Pn P 23 49 13.7 +0.8
CTA 0.3nm, 0.3s, baz=360, slow=14, SNR=10 S S 23 51 44.6 -2.8
CTA 0.3nm, 0.3s, baz=28, slow=12, SNR=2.3 LR LR 23 50 14.2 +1.4
KAKA Kakadu 16.35 246 eP P 23 49 46.2 +0.3
KAKA 27nm, 0.5s eS S 23 52 42.5 -4.7
WRAB Tennant Creek 18.77 222 eP S 23 50 15.6 -0.4
WRAB Warramunga Arr 18.77 222 eP S 23 53 42.2 +0.1
WRAB Warramunga Arr 18.77 222 eP S 23 50 15.7 -0.3
WBR2 Warramunga Arr 18.78 222 eP S 23 53 42.0 -0.3
WRA Warramunga Arr 18.78 222 P S 23 50 15.8 -0.3
WRA 1.1nm, 0.3s, baz=48, slow=11, SNR=4 S S 23 53 42.9 +0.4
ASAR Alice Springs 21.79 216 P P 23 50 48.9 +0.3
ASAR 19nm, 0.8s, mb4.5, baz=53, slow=8, SNR=21 S S 23 54 45.9 +1.4
ASAR 14nm, 0.9s, baz=31, slow=22, SNR=13 ScP 23 55 28.8
ASAR 2.6nm, 0.9s, baz=47, slow=22, SNR=6.5 LR LR 00 00 25.4
ASPA Alice Springs 21.79 216 eP P 23 50 48.4 -0.2
ASPA Alice Springs 21.79 216 eS S 23 54 45.3 +0.7
ARMA Armadale 24.32 172 eP P 23 51 14.2 +0.7
FITZ Fitzroy Crossi 24.50 239 eP P 23 51 15.2 -0.1
FITZ Fitzroy Crossi 24.50 239 eS S 23 55 32.4 -0.3
FITZ Fitzroy Crossi 24.50 239 P P 23 51 15.5 -0.2
FITZ 32nm, 0.6s, mb5.0, baz=63, slow=5.6, SNR=59 S S 23 55 34.2 +1.4
FITZ 16nm, 1.0s, baz=2.0, slow=22, SNR=4.4 LR LR 00 02 04.6
STKA Stephens Creek 26.11 192 eP P 23 51 29.4 -1.0
STKA Stephens Creek 26.11 192 P P 23 51 29.7 -0.7
STKA 20nm, 1.0s, mb4.6, baz=357, slow=9.9, SNR=25 LR LR 00 02 21.9
FORT Fort 26.645nm, 18.5s, MS4.2, baz=282, slow=38 P P 23 52 09.6 -0.9
MBWA Marble Bar 30.83 239 eP P 23 52 12.6 -0.5
TGY Tagayay City 33.36 307 LR LR 00 06 00.6
CBJ Chichi jima 33.58 351 LR LR 00 03 53.6
KLBR Kellerberrin 37.65 224 eP P 23 53 10.9 -0.6
JOW Kunigami 37.88 331 P P 23 53 13.4 -0.1
JOW 16nm, 0.8s, mb4.8, baz=155, slow=14, SNR=3.0 LR LR 00 05 56.9
JOW comp=Z, 312nm, 21.6s, MS4.1, baz=223, slow=32 LR LR 23 53 18.3 -2.9
MUN Mundaring 38.95 225 eP P 23 53 22.8 +0.3
RPZ Rata Peaks 42.59 155 P P 23 53 52.2 -0.2
RPZ 14nm, 0.7s, mb4.8 LR LR 00 09 50.9
RPZ 16nm, 0.6s, mb4.9, baz=46, slow=2.2, SNR=7.9 LR LR 23 53 52.2 -0.2
MAJO Matsushiro 43.49 349 eP P 23 54 00.3 +0.5
MAT Matsushiro 43.49 349 P P 23 54 00.4 +0.6
MAT Matsushiro 43.49 349 eP P 23 54 00.0 +0.2
KS15 Woujurohshi 47.23 338 P P 23 54 27.6 -2.0

IPM Iphoh 47.79 282j eP P 23 54 35.4 +1.0
WHN Wuhan 48.55 321 eP P 23 54 41.4 +1.4
ENH Enshi 51.55 317 eP P 23 55 04.2 +1.2
KMI Kunming 53.68 307 eP P 23 55 20.2 +1.3
KMI comp=Z, 5.0nm, 1.0s, mb4.4 LR LR
KMI comp=N, 142nm, 16.6s, MS4.3 LR LR
KMI comp=E, 1.137nm, 13.1s, MS4.3 LR LR
KMI comp=Z, 1.32nm, 13.1s, MS4.1 LR LR
CMAR Chiang Mai Arr 53.95 298 P P 23 55 20.9 -0.1
LSSA Lhasa 54.30 320 P P 23 55 22.8 -0.5
XAN Xi'an 54.30 320 P P 23 55 44.9 -0.7
HHC Hu-ho-hao-te 57.40 328 eP P 23 55 39.3 -0.1
HHC HHC 65.67 2 P P 23 57 52.8 -1.9
HHC comp=Z, 1.8nm, 0.9s, mb5.1 AMB AMB
HHC comp=Z, 357nm, 5.7s AMB AMB
LZH Lanzhou 58.84 319 eP P 23 55 57.6 +1.9
LZH Lanzhou 62.76 320 eP P 23 56 14.5 +1.6
LZH comp=Z, 3.1nm, 1.5s, mb5.1 AMB AMB
HIA Hailar 60.42 339 eP P 23 56 06.0 -0.5
SHL Shillong 62.71 303 eP P 23 56 22.0 -0.2
GTA Gaotai 63.36 320 eP P 23 56 31.5 +5.2
GTA comp=Z, 5.0nm, 0.9s, mb4.6 AMB AMB
ULN Ulaanbaatar 64.65 331 eP P 23 56 34.5 -0.1
LSA Lhasa 64.92 307 P P 23 56 37.6 +0.9
SONM Songrio Array 64.95 331 P P 23 56 36.1 -0.5
CASY Casey 65.19 196 eP P 23 56 36.6 -1.2
MAGADAGAN 65.67 2 P P 23 56 41.3 +0.3
GUMBA 68.56 303 eP P 23 56 59.4 -0.4
PKI Pulchoki 68.84 303 eP P 23 57 01.3 -0.3
YAK Yakutsk 69.49 351 P P 23 57 04.6 -0.3
GKN Gorkha 69.63 303 eP P 23 57 05.7 -0.7
KOLN Koldanda 70.42 302 eP P 23 57 10.7 -0.5
VANDA Vanda 71.62 177 P P 23 57 17.4 -0.3
VANDA comp=Z, 5.0nm, 0.7s, mb4.6, baz=338, slow=6.2, SNR=12 LR LR 00 28 05.4
VANDA comp=Z, 93nm, 18.4s, MS4.1, baz=348, slow=35 LR LR 23 57 17.4 -0.3
VANDA comp=Z, 1.4nm, 1.1s, mb4.8 LR LR 23 58 12.8 +0.2
TKM2 Tokmak 2 81.29 315 eP P 23 58 16.6 +1.1
UCH Uchtor 81.86 314 eP P 23 58 15.3 +0.1
AAK Ala-Archa 81.99 314 eP P 23 58 15.5 -0.1
MAW Mawson 82.27 203 P P 23 58 15.6 -1.5
MAW comp=Z, 3.9nm, 0.7s, mb4.4, baz=60, slow=6.4, SNR=5.3 LR LR 00 34 56.1
AML Almayashu 82.42 314 eP P 23 58 18.4 -0.2
EKS2 Erkin-Say 82.51 314 eP P 23 58 19.0 +0.0
GSPA South Pole Qui 83.71 180 eP P 23 58 24.2 -0.1
MCK McKinley 84.20 24 eP P 23 58 26.7 -0.3
ILAR Eielson Array 85.46 23 P P 23 58 32.4 -1.0
ILAR comp=Z, 1.8nm, 0.7s, mb4.3, baz=249, slow=4.8, SNR=24 LR LR 00 38 04.7
ILAR comp=Z, 1.17nm, 18.1s, MS4.3, baz=178, slow=36 LR LR 23 59 15.4 -1.4
NVAR Mina Array Be 97.00 52 P P 23 59 29.8 +1.8
NVAR comp=Z, 0.5nm, 0.9s, mb4.0, baz=256, slow=7.4, SNR=3.7 LR LR 00 36 11.5
PFO Pinyon Flat Ob 98.32 57 eP P 23 59 36.4 +2.4
YKA Yellowknife Ar 99.28 28 LR LR 00 41 21.0
TXAR Lajitas Array 109.31 61 PKP P 00 15 48.9 +5.2
KHC Kasperks Hory 122.49 326 eP PKP 00 04 51.5 -1.5
GERES Geres Array B 122.49 326 PKP PKP 00 04 51.4 -1.8
LVC Limon Verde 134.13 130 PKP PKP 00 05 16.0 -0.2
LPAZ La Paz 138.09 123 PKP PKP 00 05 18.1 -1.8
LPAZ comp=Z, 1.8nm, 0.9s, baz=300, slow=3.1, SNR=4.9 PKP PKP 00 05 21.8 -1.8
LPAZ comp=Z, 4.4nm, 0.8s, baz=233, slow=3.2, SNR=9.7 PKP PKP 00 05 11.3
LPAZ La Paz 138.09 123 eP PKP 00 05 18.1 -5.5
LPAZ La Paz 138.09 123 eP PKP 00 05 21.8 -1.8
LPAZ La Paz 138.09 123 eP PKP 00 05 24.1 +0.4
DBIC Dimbokro 152.69 272 PKP PKP 00 05 47.2 -1.1
DBIC comp=Z, 6.1nm, 1.1s, baz=38, slow=7.5, SNR=3.7 PKP PKP 00 05 54.8 +6.5
DBIC Dimbokro 152.69 272 PKP PKP 00 05 48.3 -0.6
BDFB Brasilia 153.27 145 eP P 00 05 48.3 -0.6
BDFB comp=Z, 2.8nm, 0.9s, baz=191, slow=3.4, SNR=4.7 PKP PKP 00 05 58.7 +6.8
BDFB comp=Z, 2.1nm, 0.8s, baz=250, slow=1.3, SNR=24 LR LR 00 05 58.7 +6.8

MAN 11 23:57:29.9, 10.28N:-121.90E, h1km, mb4.5, ML3.4, MS3.3,
1C-2D, Panty

Code Station Name Az AZ Phase ID Time Res
AAP Anini-y 0.15 17j iP S P 23 57 32.0 -0.8
AAP Anini-y 0.15 17j iS P 23 57 40.0 +5.2
GUIM Jordan 1.06 63 eS P 23 57 44.6 -0.5
GUIM Cuyo Island 0.74 303 eS P 23 57 56.7 +1.5
CUYO Cuyo Island 1.46 17 eS P 23 57 51.3 +1.0
KALP Kalibo 1.46 17 eS P 23 58 06.5 +2.3
RCP Roxas 1.52 33 eS P 23 58 13.7 -2.7
SNPH Sibulan 1.61 125j iP S 23 58 18.7 +0.4
SNPH Sibulan 1.61 125j iS S 23 58 20.0 +0.4
TBP Tagbilaran 2.02 107 eP P 23 58 05.2 -0.2
LLP Lapu-Lapu 2.03 89 eP S 23 58 06.0 +0.4
LLP Dipolog City 2.21 139f eP S 23 58 32.3 +0.3
DCHP DCHP 2.21 139f iS S 23 58 07.0 +0.5
SCJP San Jose 2.30 341 eP P 23 58 38.3 -1.2
IPIL Ipil 2.56 165 eP P 23 58 16.5 +3.3
ENPP EN Pido 2.60 191 eS P 23 58 44.1 -1.3
ENPP ENPP 2.60 191 eS P 23 58 13.8 0.0
ENPP ENPP 2.60 191 eS P 23 58 43.5 -3.0

JMA 11 23:59:46.4:0.2, 33.16N:-137.93E, h365km, M3.5
NEIC 11 23:59:50.4:1.0, 33.27N:-137.73E, h326km, 13km, mb3.9/2,
Error ellipse: s-maj=24.3km s-min=17.0km az=72.0
IDC 11 23:59:52.0:1.1, 33.24N:-137.84E, h342km, 12km, mb3.0/5,
mb1 3.2/5, mb1mx2.9/22, Error ellipse: s-maj=35.8km
s-min=18.0km az=91.0

ISC 11 23:59:49.7:0.5, 33.49N:-107.137.88E, 0.09, h348km, 6km,
n25, c1509/32, mb3.3/7, Near south coast of eastern
Honshu
Code Station Name Az AZ Phase ID Time Res
JHJ Hachiojima 2 1.64 103 Op Pn 23 59 39.9 +1.1
JHJ 12nm, 0.3s, baz=70, slow=23, SNR=2.5 S S 00 01 19.4 +2.2
JHJ 17nm, 0.3s, baz=71, slow=22, SNR=2.5 S S 00 00 38.5 -1.4
JWZ Kozaga 1.81 272 P P 00 00 38.5 -1.4

12d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNY Yasuko, JOD2 Odawara 2, JWY Kouwa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WLS Welschbruch, ECH Echery, MOF Molkenrain, etc.

CSEM 12 00:14:12.0-0.1, 67.92N-20.16E, h2km, ML2.0, Error ellipse: s-maj=3.9km s-min=3.2km az=120.0, Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurraavaara, KUA Kurraavaara, DUNU Dumdred, etc.

CASC 12 00:25:18.1-1.9, 12.90N-88.45W, h70km, 20km, MD3.8, ML3.3, 14C-5D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VSM San Miguel, BLLM Bellamira, CNCH Conchagua, etc.

2002 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APYN Apoyeque, APYN Apoyeque, XAVN Gruta Xavier, etc.

ISK 12 00:53:16.6, 40.57N-32.93E, h5km, MD4.2, ML4.2, IDC 12 00:53:17.3-0.9, 40.67N-33.28E, mb3.7/5, mb1.3/9/11, mb1mx3.7/24, ML3.7/6, MS3.3/4, Ms1.3.4/4, ms1mx3.1/19, Error ellipse: s-maj=2.7km s-min=1.7km az=68.0

ZUR\_RM 12 00:53:19.40, 11N-32.95E, h15km, Mw4.2/13, Moment Tensor Solution, s13 Moment tensor: Scale 1015Nm; Mn=-0.96; Mw=1.46; Mo=2.42; Mo-0.01; Ms=1.88; Mv=-0.06; Best double couple: Mo2.7x1015 NP1z=23z, d89, lambda-2, NP2=113z, 88z, lambda-179; Principal axes: T 3.184, P1g1, Azm68; N-.959, P1g8z, Azm183; P-2.225, P1g2, Azm338z

ORF 12 00:53:20.8, 40.11N-33.51E, h10km, IDC 12 00:53:18.2-0.2, 40.55N-0.02-32.94E, 0.02, h5km, n106, r1506/117, mb3.8/5, MS3.4/2, Turkey

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELDT Eldivan, ELDT Eldivan, CANT Cankiri, CANT Cankiri, etc.

280

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HAU Haudompre, FINES FINESS Array B, SMF Signal de Mont, etc.

NEIC 12 01:01:16.3-0.2, 4.84S-103.00E, h30km, mb4.8/18, Error ellipse: s-maj=9.0km s-min=4.8km az=52.0

NEIC 12 01:01:16.3-0.2, 4.84S-103.00E, h30km, mb4.8/18, Error ellipse: s-maj=9.0km s-min=4.8km az=52.0

SYO 12 01:01:17.7, 4.90S-102.91E, h45km, MB4.8, IDC 12 01:01:25.5-3.2, 4.75S-103.22E, h107km, 27km, mb4.4/19, mb1.4/5/19, mb1mx4.2/1, MS3.5/8, Ms1.3/5.8, ms1mx3.4/16, Error ellipse: s-maj=21.6km s-min=9.2km az=44.0

ISC 12 01:01:15.2-0.3, 4.91S-0.05-103.01E, 0.06, h33km, (h33km, 2.0km, P1, P3, 93, 09/90/81, mb4.8/46, MS3.7/12, 2C, Southern Sumatra)

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COCO West Island, MBWA Maribou, CM31 Chiang Mai Arr, etc.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Las Melosas, Chadas Angostu, El Canelo, Longovilo, etc.

DJA 12 04:58:42.5±0.9, 9.66S; -116.76E, h133km, MD4.7/4, ML4.2/3, 2C-6D, Error ellipse: s-maj=19.9km s-min=17.8km az=10.0, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Kedomdong, Rata, Kelakatan, Scrawled, etc.

NEIC 12 05:05:52.9, 34.15N; -116.98W, h12km, ML3.7(PAS), After PAS, Southern California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Pinyon Flat Ob, Mount Wilson, Darwin, etc.

NIED 12 05:28:00, 31.80N; 129.20E, h5km, Mw5.0 Best double couple: M4.1x10^16 NP1; phi=88°, delta=5°, lambda=37°. NP2; phi=181°, delta=3°, lambda=174°

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Shimokoshiki, Fukue jima 2, Nagasaki, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Shimokoshiki, Fukue jima 2, Nagasaki, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Matsushiro, Hachioji jima 2, Dalian, etc.

MAJO Matsushiro 8.87 55 ePn P 05 30 54.0 -0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Chichijima, Chanchung, etc.

ASAJ Asahikawa 16.24 37 Pn P 05 32 32.0 -1.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Asahikawa, Huhohao-te, etc.

XAN Xian 17.20 283 P P 05 32 45.8 +0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Xian, KLR, etc.

BTO Baotou 17.82 305 eP S 05 32 52.6 -0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Baotou, Lanzhou, etc.

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

SONM Songino Array 23.66 319 P P 05 33 55.0 -0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Songino Array, etc.

ZAK Zakamensk 26.80 322 iJP P 05 34 22.7 -2.7

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

YAK Yakutsk 30.32 0 eP Pmax 05 34 57.4 +0.4

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

AAK Ala-Archa 44.24 300 eP Pmax 05 36 51.7 -2.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Ala-Archa, etc.





Table with columns: LTX, Lajitas, 20.28 325 eP, P, 05 53 28.0 +1.9, etc.

NIED 12 06:50:00.31, 81.0N, 129.20E, h5km, Mw3.7 Best double couple: M3.51x10^14 N P1 phi=35, delta=, lambda=130. NP2: phi=298, delta=1, lambda=9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

JMA 12 05:50:43.0-0.1, 31.76N, 129.20E, h12km, 2km, M2.7, Kyushu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

CSEM 12 06:02:52.4-0.1, 36.74N, 127.30E, h12km, MD3.4, Error ellipse: s-maj=3.0km s-min=2.6km az=153.0

NEIC 12 06:02:53.1, 36.75N, 127.37E, h59km, MD3.0(A)TH, After A1TH.

ATH 12 06:02:53.2, 36.76N, 127.37E, h57km, 43km, MD3.0/3

ISK 12 06:02:56.4, 36.88N, 127.43E, h37km, MD3.4

ISC 12 06:02:52.8-1.0, 36.72N, 127.03E, h10.06, h6km, 6km, n20, 0.8/86/28, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

BUI 12 06:26:18.9, 39.37N, 77.03E, h11km, ML3.5, 1C, Southern Xinjiang

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

IDC 12 06:35:24.5-1.0, 35.105, 111.23W, mb4.1/7, mb1.4/3, mb1mx4.1/16, MS3.6/2, M1 3.7/2, ms1mx3.2/18, Error ellipse: s-maj=35.3km s-min=29.3km az=174.0

NEIC 12 06:35:25.7-0.4, 35.215, 111.29W, h10km, mb4.6/7, Error ellipse: s-maj=15.0km s-min=12.5km az=53.0

ISC 12 06:35:23.7-0.8, 35.25-0.1, 111.3W, 0.2, h10km, n27, 0.6/89/19, mb4.2/13, MS3.6/2, Southern East Pacific Rise

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: NVAR, Mina Array, 73.58 354 P, P, 06 47 00.1 +1.3, etc.

CSEM 12 06:50:39.4-0.6, 38.67N, 128.52W, h14km, 2km, ML2.1, Error ellipse: s-maj=2.1km s-min=2.1km az=2.0

PDA 12 06:50:39.4-0.6, 38.67N, 128.52W, h14km, 2km, MD2.9, ML2.1, Error ellipse: s-maj=2.1km s-min=2.1km az=2.0

SVSA 12 06:50:39.4-0.6, 38.67N, 128.52W, h14km, 2km, MD2.9, ML2.1, Error ellipse: s-maj=2.1km s-min=2.1km az=2.0, Azores Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

NIED 12 06:58:00.31, 80N, 129.20E, h5km, Mw4.5 Best double couple: M7.46x10^15 N P1 phi=286, delta=, lambda=24. NP2 phi=18, delta=, lambda=175.

MOS 12 06:58:20.8-1.1, 31.76N, 129.18E, h10km, mb4.4/6, Error ellipse: s-maj=18.4km s-min=9.8km az=109.1

IDC 12 06:58:21.5-0.6, 31.72N, 128.90E, mb4.0/17, mb1.4/18, ms1mx4.1/26, ML3.3/31, MS3.8/12, Ms1.3/12, ms1mx3.7/21, Error ellipse: s-maj=24.6km s-min=13.6km az=74.0

JMA 12 06:58:22.1-0.1, 31.76N, 129.17E, h15km, 1km, M4.7 Broadband fault plane solution: P waves. N P1 phi=281, delta=, lambda=26. NP2 phi=222, delta=, lambda=153. Principal axes: T P1 phi=1, Azim151; N P1 phi=5, Azim60; P P1 phi=35, Azim242; JMA Fellt II

NEIC 12 06:58:23.0-3.4, 31.79N, 129.04E, h10km, mb4.3/9 Error ellipse: s-maj=11.7km s-min=7.1km az=72.0

NEIC Recorded [2 JMA] in Kagoshima and [1 JMA] in Nagasaki Prefectures.

BUI 12 06:58:23.5, 31.61N, 129.33E, h28km, mb4.5, mb4.4, ML5.0, Ms4.4, Ms24.1

ISC 12 06:58:21.7-0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

KS15 12 06:58:21.7, 0.9, 31.75N, 129.17E, 0.03, h13km, 6km, n74, c117/81, mb4.2/32, MS4.0/11, 4C-5D, Kyushu

Table with columns: LZH, comp=Z, 7.89nm, 14.8, MS4.2, LR, LR, etc.

IDC 12 08:40:11.9-2.1, 17.35N, 62.25W, h15km, 42km, mb3.1/4, mb1.3/44, mb1mx3.1/21, Error ellipse: s-maj=52.2km

TRN 12 08:40:11.4, 17.35N, 62.46W, h99km, MD3.6

RSPR 12 08:40:12.6, 17.65N, 62.33W, h25km, 54km, MD4.1/9, MD4.1/9

ISC 12 08:40:11.3-0.7, 17.4N, 0.1, 62.45W, 0.04, h110km, 4km, n26, c081/7, mb3.4/4, 8C-7D, Leeward Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

IDC 12 08:40:11.9-2.1, 17.35N, 62.25W, h15km, 42km, mb3.1/4, mb1.3/44, mb1mx3.1/21, Error ellipse: s-maj=52.2km

TRN 12 08:40:11.4, 17.35N, 62.46W, h99km, MD3.6

RSPR 12 08:40:12.6, 17.65N, 62.33W, h25km, 54km, MD4.1/9, MD4.1/9

ISC 12 08:40:11.3-0.7, 17.4N, 0.1, 62.45W, 0.04, h110km, 4km, n26, c081/7, mb3.4/4, 8C-7D, Leeward Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PORP, AOPR, MGP, LSP, TEIG, TXAR, PDAR, YKA, SDNR.

NEIC 12 08:49:36.0-1.2, 24.09S; 179.77W, h440km, 14km, mb4.5/16, Error ellipse: s-maj=12.1km s-min=8.6km az=146.0

IDC 12 08:49:39.6-2.5, 24.10S; 179.82W, h476km, 27km, mb3.7/15, mb1 3.9/17, mb1mx3.9/19, Error ellipse: s-maj=16.2km s-min=15.2km az=159.0

ISC 12 08:49:40.8-1.8, 24.28S; 0.06E; 179.95W; 0.09, h502km, 21km, n52, c1906/51, mb4.2/24, 1C-5D, South of Fiji Islands

Main table of station data for the 12d 8h period, including station names, coordinates, and various parameters.

BJI 12 08:59:33.8, 52.42N; 100.43E, h77km, mb4.7, mb4.0, Ms4.3, Ms2.4

IDC 12 08:59:35.8-1.0, 51.71N; 100.40E, mb3.9/14, mb1 4.0/17, mb1mx3.9/26, ML3.1/3, MS3.7/4, Ms1 3.7/4, ms1mx3.2/26, Error ellipse: s-maj=22.1km s-min=11.7km az=29.0

MOS 12 08:59:35.8-1.0, 51.83N; 100.34E, h87km, mb4.5/5, Error ellipse: s-maj=9.6km s-min=9.0km az=15.1

MOS Fell (I) at Orlyk, Mondy, BYKL 12 08:59:36.2-0.4, 51.77N; 100.42E, FELT I=III-IV at Orlik, Hurga, II-III at Mondy

NEIC 12 08:59:37.0-1.0, 51.83N; 100.40E, h2km, 7km, mb4.1/11, MS3.6/1, Error ellipse: s-maj=7.8km s-min=4.7km az=193.0

NEIC Fell (II) at Mondy and Orlik, Russia, ISC 12 08:59:37.0-2.0, 51.86N; 0.02-100.59E; 0.03, h10km, n85, c1544/129, mb3.9/17, MS3.7/5, 8C-9D, Tuva-Buryatia-Mongolia border region

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

Main table of station data for the 2004 DEC period, including station names, coordinates, and various parameters.

Main table of station data for the 2004 DEC period, including station names, coordinates, and various parameters.

Table with columns: ILAR, Eielson Array, 52.63 30 P, P, 09 08 53.0 +1.6, etc.

NEIC 12 09:07:18.3z, 2.8, 34.89N-3.02W, h10km, MG4.0(MDD), Error ellipse: s-maj=32.7km s-min=2.0km az=171.0, MDD 12 09:07:19.5z, 1.4, 34.99N-3.07W, mb4.0/1.7, Error ellipse: s-maj=10.2km s-min=5.0km az=148.0, PRXIMO Aftershock PLICA SFS 12 09:07:19.0z, 34.97N-3.05W, ML4.0 CSEM 12 09:07:19.2z, 0.1, 35.11N-3.06W, h16km, 1km, MD3.8, Error ellipse: s-maj=3.7km s-min=2.0km az=116.0 LDG 12 09:07:20.3z, 0.8, 35.17N-2.87W, h10km, MI3.2/3, Error ellipse: s-maj=16.6km s-min=8.2km az=173.0 INMG 12 09:07:21.0z, 1.3, 35.07N-3.03W, h15km, 5km, ML2.8, Error ellipse: s-maj=9.1km s-min=5.5km az=155.0 CNRM 12 09:07:17.3z, 35.06N-2.62W, h14km, MD3.8, 2C-2D, Strait of Gibraltar

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MELI, MELII, MELIII, EMLI, EMEL, etc.

Table with columns: PTEO, Sao Teotônio, 5.52 298 ePn, Pn, 09 08 38.6 -2.5, etc.

Table with columns: IDC 12 09:13:29.1z, 0.8, 40.72N-123.89W, mb4.0/1.2, mb1 4.3/17, mb1mx4.1/24, ML3.8/4, MS3.7/9, Ms1 3.7/9, ms1mx3.3/24, Error ellipse: s-maj=10.8km s-min=9.9km az=102.0, BUJ 12 09:13:32.5z, 40.70N-123.90W, h28km, mb4.3, Ms4.5, Ms2.4, NEIC 12 09:13:33.6z, 40.70N-123.87W, h28km, mb4.1/2, MW4.5(BRK), After NCEDC, NEIC Felt [V] at Hoopa; [IV] at Blue Lake, Ferndale, Hyampom, Orleans, Samoa, Scotia, Trinidad and Willow Creek; [III] at Arcata, Bayside, Big Bar, Bridgeville, Carlotta, Eureka, Fortuna, Hydenville, Kneeland, Korbel, Loleta, McKinleyville, Petrolia, Rio Dell and Salver, ISC 12 09:13:42.4z, 0.5, 40.70N-123.90W, 0.05, h34km, 5km, n95, c086/95, mb4.0/1.5, MS3.9/7, 2D, Northern California

Main table with columns: CMB, Columbia Colle, 3.75 134 ePn, P, 09 14 29.7 +0.3, etc.

IDC 12 09:19:09.6z, 3.6, 14.31S-177.89W, mb3.6/4, mb1 4.0/4, mb1mx3.8/13, Error ellipse: s-maj=196.0km s-min=132.8km az=149.0, FI Islands region Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA, NVAR, ILAR, YKA, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ASPA Alice Springs, FITZ Fitzroy Crossi, MBWA Marble Bar, etc.

NIED 12 10:51:00.1, 31.80N, 129.20E, h5km, Mw3.3 Best double couple: M1.11x10^14 NP1=106, 881, 111. NP2=314, 879, 171.

JMA 12 10:51:29.8, 0.1, 31.76N, 129.16E, h14km, 2km, MS3.5, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JSJ Shimokoshiki, JSJ Fukue jima 2, NGSJ Nagasaki, etc.

NEIC 12 10:59:41.9, 62.13N, 148.12W, h7km, ML3.7(AEIC), ML3.6(PMR), After AEIC.

NEIC Fell [I] at Eagle River. IDC 12 10:59:46.3, 3.7, 62.32N, 147.89W, h78km, 31km, mb3.3/5, mb1.9, 6.9, mb1mx3.2, MS2.0/1, Ms1.3, 0.7, m1mx2.5/1.7, Error ellipse: s-maj=35.8km s-min=15.3km az=51.0

ISC 12 10:59:41.8, 0.5, 62.15N, 0.02, 148.12W, 0.04, h32km, 4km, n88, r105/109, mb3.6/5, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SML Sawmill, SCM Sheep Creek Mo, GHO Glory Hole Cro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RDT Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

NEIC 12 11:01:59.8, 1.7, 21.31S, 176.42W, h144km, 19km, mb4.3/2, Error ellipse: s-maj=22.5km s-min=12.6km az=121.0

IDC 12 11:02:01.6, 14.0, 21.27S, 176.54W, h156km, 124km, mb3.9/6, mb1.4, 0.7, mb1mx3.7/16, ML4.6/1, Error ellipse: s-maj=54.8km s-min=32.5km az=26.0

ISC 12 11:01:57.1, 2.5, 21.45S, 0.1, 176.56W, 0.2, h123km, 33km, n16, r092/12, mb4.2/7, 1, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AFI Afiamalu, AFI Urewera, RPZ Rata Peaks, etc.

IDC 12 11:04:49.9, 1.1, 58.93S, 147.79E, mb4.4/4, mb1.4/4, mb1mx4.1/11, ML3.3/1, MS4.2/5, Ms1.4/2, m1mx3.7/10, Error ellipse: s-maj=41.4km s-min=24.4km az=81.0

NEIC 12 11:04:51.0, 5.5, 58.96S, 147.84E, h10km, mb4.6/6, Error ellipse: s-maj=21.2km s-min=9.3km az=87.0

ISC 12 11:04:49.3, 0.7, 58.97S, 0.09, 147.9E, 0.4, h10km, n24, r050/115, mb4.4/9, MS3.9/5, West of Macquarie Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FINES FINES Array B, FINES FINES Array B, ESCD Sonnesa Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IPAY Payeh, ISFR Esferayan, IMH Mashhad, etc.







Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FILF Filloles, VALF Valcebolleire, MTLF Montoliou, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CII Carovilli, ISOR Termino, GSG Gregorio Mates, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BAIF Baives, ELAN Lanestosa, BRG Berggiesshubel, etc.

ADC 12 11:52:31.7-0.8, 4.92N-9.99E, mb4, 1/16, mb1 4.2/26, mb1mx4, 2/30, ML3.9/10, MS3.4/2, Ms1 3.5/2, ms1mx2.7/28, Error ellipse: s-maj=17.9km s-min=12.7km az=138.0

MOS 12 11:52:31.6-0.6, 41.04N, 9.94E, h10km, mb4, 3/5, Error ellipse: s-maj=20.2km s-min=4.3km az=98.8

LDG 12 11:52:32.0-0.2, 40.84N, 10.19E, h10km, M3.9/1, M4.2/21, ms3.0/5, Error ellipse: s-maj=4.6km s-min=3.2km az=4.0

NEIC 12 11:52:32.6-0.4, 40.83N, 10.16E, h10km, mb4, 3/5, M4.2(LDG), M4.2(ROM), After ROM.

CSEM 12 11:52:32.6-0.4, 40.83N, 10.16E, h10km, M3.7/7, After ROM

ZUR\_RM 12 11:52:32, 40.83N, 10.16E, h6km, Mw4.1/32, Moment Tensor Solution, s32 Moment tensor: Scale 10^19Nm

NEIC 12 12:14:32.2-2.3, 3.37S, 139.86E, h49km, 20km, mb4.5/10, Error ellipse: s-maj=14.7km s-min=13.4km az=81.0

BUI 12 12:14:32.7, 3.40S, 139.90E, h49km, mb4.4

ISC 12 12:14:29.1, 1.9, 3.48S, 0.06, 139.80E, 0.07, h33km, 18km, n41, 0.99J45, mb4.5/16, MS3.7/5, SD, Irian Jaya

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

12d 15h

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

IDC 12 12:42:19.6-4.6, 5.77S, 154.53E, h207km, 39km, mb3.4/9, mb1 3.6/10, mb1mx3.6/15, MS3.6/1, Mst1 3.6/1, ms1mx2.6/12, Error ellipse: s-maj=35.3km s-min=20.3km az=102.0

NEIC 12 12:42:19.4-3.4, 5.79S, 154.51E, h207km, 29km, mb4.1/2, Error ellipse: s-maj=7.9km s-min=18.9km az=102.0

ISC 12 12:42:18.7-3.5, 5.95S, 154.7E, 0.2, h220km, 31km, n14, a1509/15, mb3.7/10, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Charters Tower, Warramunga Arr, etc.

BAO 12 12:45:48.6:1.9, 7.72N, 210.31E, ML2.1  
NER 12 12:45:52.3:3.4, 7.722N, 19.99E, h16km, 71km, ML2.1 (NAO)

ISC 12 12:45:50.2-1.0, 7.71N, 0.1x19.6E:0.2, h10km, n4, e1900/7, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hornsund, Spitzbergen Arr, Hopfen, etc.

IDC 12 12:55:04.0:0.8, 40.92S, 127.51E, mb3.9/6, mb1 4.2/9, mb1mx4.2/12, ML3.7/3, MS3.6/2, Mst1 3.6/2, ms1mx2.8/12, Error ellipse: s-maj=4.1km s-min=17.6km az=94.0

NEIC 12 12:55:05.2:0.7, 40.97S, 126.93E, h10km, mb4.2/3, Error ellipse: s-maj=13.3km s-min=11.0km az=216.0

ISC 12 12:55:03.4:0.8, 40.97S, 126.9E, 0.1, h10km, n23, a1552/26, mb4.0/7, MS3.5/2, 1C, South of Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Forrest, Narrogin (SRO), Narrogin (GRO), etc.

2004 DEC

Table with columns: STKA, Stephens Creek, 14.80 58 eP, P, 12 58 32.7 -1.8, etc.

CASC 12 13:08:10.1:2.2, 11.62N, 86.94W, h6km, 20km, MD4.2, ML3.3, 7C-4D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Copaltepe, Leon, XAVN, etc.

NEIC 12 13:21:24.1, 35.08S, 70.53W, h1km, ML2.8(GUC), After GUC

GUC 12 13:21:24.1:0.8, 35.08S, 70.53W, h1km, 3km, MD3.7, ML2.8, 2C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFDO, CIPRES, Talca, etc.

IDC 12 13:33:29.3:1.3, 21.70S, 169.93E, mb3.9/6, mb1 4.1/6, mb1mx4.0/13, MS3.2/2, Mst1 3.2/2, ms1mx2.7/20, Error ellipse: s-maj=12.0km s-min=30.2km az=145.0

ISC 12 13:33:33.0:3.2, 21.8S, 0.4x169.9E:0.2, h39km, 23km, n10, a0556/10, mb3.8/5, MS3.1/2, Southeast of Loyalty Islands

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

IDC 12 14:00:48.2:6.2, 9.68S, 125.16E, mb4.0/1, mb1 3.6/4, mb1mx3.4/13, ML3.0/3, Error ellipse: s-maj=86.0km s-min=60.5km az=112.0, Timor region

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

292

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 12 14:05:36.8:0.6, 39.72N, 0.04x29.55E:0.05, h10km, n12, a0592/16, Turkey

IDC 12 14:37:38.4:1.8, 3.41S, 135.26E, mb4.0/3, mb1 4.1/7, mb1mx3.9/14, ML3.7/4, MS3.2/2, Mst1 3.2/2, ms1mx2.7/16, Error ellipse: s-maj=49.5km s-min=28.5km az=97.0

NEIC 12 14:37:39.2:0.8, 3.34S, 135.36E, h10km, mb4.0/5, Error ellipse: s-maj=14.4km s-min=12.7km az=107.8

ISC 12 14:37:45.0:1.8, 3.90S, 110.135.4E:0.1, h57km, 16km, n16, a151/22, mb3.9/4, MS3.1/1, Irian Jaya region

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

IDC 12 15:05:23.9:0.5, 8.93S, 108.57E, mb4.8/18, mb1 4.9/19, mb1mx4.2/21, ML4.7/1, MS4.5/16, MS1 4.5/16, ms1mx4.4/23, Error ellipse: s-maj=20.8km s-min=11.8km az=58.0

MOS 12 15:05:27.3:1.4, 8.84S, 108.70E, h33km, mb5.1/22, MS4.5/11, Error ellipse: s-maj=20.8km s-min=10.0km az=112.3

NEIC 12 15:05:30.3:0.2, 8.84S, 108.62E, mb4.9/28, MS4.5/10, Error ellipse: s-maj=7.9km s-min=5.0km az=46.0

HRVU 12 15:05:30.3:0.6, 9.28S, 108.70E, h61km, 3km, MW5.0/38, Centroid moment tensor solution, LP body waves: s21, c28, mantle waves: s38, c22; Half duration: 0 Moment tensor: Scale 10^16Nm; Mrr1 0.2s; Mrr2 0.2s; Mrr3 0.2s; Mrr4 0.2s; Mrr5 0.2s; Mrr6 0.2s; Mrr7 0.2s; Mrr8 0.2s; Mrr9 0.2s; Mrr10 0.2s; Mrr11 0.2s; Mrr12 0.2s; Mrr13 0.2s; Mrr14 0.2s; Mrr15 0.2s; Mrr16 0.2s; Mrr17 0.2s; Mrr18 0.2s; Mrr19 0.2s; Mrr20 0.2s; Mrr21 0.2s; Mrr22 0.2s; Mrr23 0.2s; Mrr24 0.2s; Mrr25 0.2s; Mrr26 0.2s; Mrr27 0.2s; Mrr28 0.2s; Mrr29 0.2s; Mrr30 0.2s; Mrr31 0.2s; Mrr32 0.2s; Mrr33 0.2s; Mrr34 0.2s; Mrr35 0.2s; Mrr36 0.2s; Mrr37 0.2s; Mrr38 0.2s; Mrr39 0.2s; Mrr40 0.2s; Mrr41 0.2s; Mrr42 0.2s; Mrr43 0.2s; Mrr44 0.2s; Mrr45 0.2s; Mrr46 0.2s; Mrr47 0.2s; Mrr48 0.2s; Mrr49 0.2s; Mrr50 0.2s; Mrr51 0.2s; Mrr52 0.2s; Mrr53 0.2s; Mrr54 0.2s; Mrr55 0.2s; Mrr56 0.2s; Mrr57 0.2s; Mrr58 0.2s; Mrr59 0.2s; Mrr60 0.2s; Mrr61 0.2s; Mrr62 0.2s; Mrr63 0.2s; Mrr64 0.2s; Mrr65 0.2s; Mrr66 0.2s; Mrr67 0.2s; Mrr68 0.2s; Mrr69 0.2s; Mrr70 0.2s; Mrr71 0.2s; Mrr72 0.2s; Mrr73 0.2s; Mrr74 0.2s; Mrr75 0.2s; Mrr76 0.2s; Mrr77 0.2s; Mrr78 0.2s; Mrr79 0.2s; Mrr80 0.2s; Mrr81 0.2s; Mrr82 0.2s; Mrr83 0.2s; Mrr84 0.2s; Mrr85 0.2s; Mrr86 0.2s; Mrr87 0.2s; Mrr88 0.2s; Mrr89 0.2s; Mrr90 0.2s; Mrr91 0.2s; Mrr92 0.2s; Mrr93 0.2s; Mrr94 0.2s; Mrr95 0.2s; Mrr96 0.2s; Mrr97 0.2s; Mrr98 0.2s; Mrr99 0.2s; Mrr100 0.2s; Mrr101 0.2s; Mrr102 0.2s; Mrr103 0.2s; Mrr104 0.2s; Mrr105 0.2s; Mrr106 0.2s; Mrr107 0.2s; Mrr108 0.2s; Mrr109 0.2s; Mrr110 0.2s; Mrr111 0.2s; Mrr112 0.2s; Mrr113 0.2s; Mrr114 0.2s; Mrr115 0.2s; Mrr116 0.2s; Mrr117 0.2s; Mrr118 0.2s; Mrr119 0.2s; Mrr120 0.2s; Mrr121 0.2s; Mrr122 0.2s; Mrr123 0.2s; Mrr124 0.2s; Mrr125 0.2s; Mrr126 0.2s; Mrr127 0.2s; Mrr128 0.2s; Mrr129 0.2s; Mrr130 0.2s; Mrr131 0.2s; Mrr132 0.2s; Mrr133 0.2s; Mrr134 0.2s; Mrr135 0.2s; Mrr136 0.2s; Mrr137 0.2s; Mrr138 0.2s; Mrr139 0.2s; Mrr140 0.2s; Mrr141 0.2s; Mrr142 0.2s; Mrr143 0.2s; Mrr144 0.2s; Mrr145 0.2s; Mrr146 0.2s; Mrr147 0.2s; Mrr148 0.2s; Mrr149 0.2s; Mrr150 0.2s; Mrr151 0.2s; Mrr152 0.2s; Mrr153 0.2s; Mrr154 0.2s; Mrr155 0.2s; Mrr156 0.2s; Mrr157 0.2s; Mrr158 0.2s; Mrr159 0.2s; Mrr160 0.2s; Mrr161 0.2s; Mrr162 0.2s; Mrr163 0.2s; Mrr164 0.2s; Mrr165 0.2s; Mrr166 0.2s; Mrr167 0.2s; Mrr168 0.2s; Mrr169 0.2s; Mrr170 0.2s; Mrr171 0.2s; Mrr172 0.2s; Mrr173 0.2s; Mrr174 0.2s; Mrr175 0.2s; Mrr176 0.2s; Mrr177 0.2s; Mrr178 0.2s; Mrr179 0.2s; Mrr180 0.2s; Mrr181 0.2s; Mrr182 0.2s; Mrr183 0.2s; Mrr184 0.2s; Mrr185 0.2s; Mrr186 0.2s; Mrr187 0.2s; Mrr188 0.2s; Mrr189 0.2s; Mrr190 0.2s; Mrr191 0.2s; Mrr192 0.2s; Mrr193 0.2s; Mrr194 0.2s; Mrr195 0.2s; Mrr196 0.2s; Mrr197 0.2s; Mrr198 0.2s; Mrr199 0.2s; Mrr200 0.2s; Mrr201 0.2s; Mrr202 0.2s; Mrr203 0.2s; Mrr204 0.2s; Mrr205 0.2s; Mrr206 0.2s; Mrr207 0.2s; Mrr208 0.2s; Mrr209 0.2s; Mrr210 0.2s; Mrr211 0.2s; Mrr212 0.2s; Mrr213 0.2s; Mrr214 0.2s; Mrr215 0.2s; Mrr216 0.2s; Mrr217 0.2s; Mrr218 0.2s; Mrr219 0.2s; Mrr220 0.2s; Mrr221 0.2s; Mrr222 0.2s; Mrr223 0.2s; Mrr224 0.2s; Mrr225 0.2s; Mrr226 0.2s; Mrr227 0.2s; Mrr228 0.2s; Mrr229 0.2s; Mrr230 0.2s; Mrr231 0.2s; Mrr232 0.2s; Mrr233 0.2s; Mrr234 0.2s; Mrr235 0.2s; Mrr236 0.2s; Mrr237 0.2s; Mrr238 0.2s; Mrr239 0.2s; Mrr240 0.2s; Mrr241 0.2s; Mrr242 0.2s; Mrr243 0.2s; Mrr244 0.2s; Mrr245 0.2s; Mrr246 0.2s; Mrr247 0.2s; Mrr248 0.2s; Mrr249 0.2s; Mrr250 0.2s; Mrr251 0.2s; Mrr252 0.2s; Mrr253 0.2s; Mrr254 0.2s; Mrr255 0.2s; Mrr256 0.2s; Mrr257 0.2s; Mrr258 0.2s; Mrr259 0.2s; Mrr260 0.2s; Mrr261 0.2s; Mrr262 0.2s; Mrr263 0.2s; Mrr264 0.2s; Mrr265 0.2s; Mrr266 0.2s; Mrr267 0.2s; Mrr268 0.2s; Mrr269 0.2s; Mrr270 0.2s; Mrr271 0.2s; Mrr272 0.2s; Mrr273 0.2s; Mrr274 0.2s; Mrr275 0.2s; Mrr276 0.2s; Mrr277 0.2s; Mrr278 0.2s; Mrr279 0.2s; Mrr280 0.2s; Mrr281 0.2s; Mrr282 0.2s; Mrr283 0.2s; Mrr284 0.2s; Mrr285 0.2s; Mrr286 0.2s; Mrr287 0.2s; Mrr288 0.2s; Mrr289 0.2s; Mrr290 0.2s; Mrr291 0.2s; Mrr292 0.2s; Mrr293 0.2s; Mrr294 0.2s; Mrr295 0.2s; Mrr296 0.2s; Mrr297 0.2s; Mrr298 0.2s; Mrr299 0.2s; Mrr300 0.2s; Mrr301 0.2s; Mrr302 0.2s; Mrr303 0.2s; Mrr304 0.2s; Mrr305 0.2s; Mrr306 0.2s; Mrr307 0.2s; Mrr308 0.2s; Mrr309 0.2s; Mrr310 0.2s; Mrr311 0.2s; Mrr312 0.2s; Mrr313 0.2s; Mrr314 0.2s; Mrr315 0.2s; Mrr316 0.2s; Mrr317 0.2s; Mrr318 0.2s; Mrr319 0.2s; Mrr320 0.2s; Mrr321 0.2s; Mrr322 0.2s; Mrr323 0.2s; Mrr324 0.2s; Mrr325 0.2s; Mrr326 0.2s; Mrr327 0.2s; Mrr328 0.2s; Mrr329 0.2s; Mrr330 0.2s; Mrr331 0.2s; Mrr332 0.2s; Mrr333 0.2s; Mrr334 0.2s; Mrr335 0.2s; Mrr336 0.2s; Mrr337 0.2s; Mrr338 0.2s; Mrr339 0.2s; Mrr340 0.2s; Mrr341 0.2s; Mrr342 0.2s; Mrr343 0.2s; Mrr344 0.2s; Mrr345 0.2s; Mrr346 0.2s; Mrr347 0.2s; Mrr348 0.2s; Mrr349 0.2s; Mrr350 0.2s; Mrr351 0.2s; Mrr352 0.2s; Mrr353 0.2s; Mrr354 0.2s; Mrr355 0.2s; Mrr356 0.2s; Mrr357 0.2s; Mrr358 0.2s; Mrr359 0.2s; Mrr360 0.2s; Mrr361 0.2s; Mrr362 0.2s; Mrr363 0.2s; Mrr364 0.2s; Mrr365 0.2s; Mrr366 0.2s; Mrr367 0.2s; Mrr368 0.2s; Mrr369 0.2s; Mrr370 0.2s; Mrr371 0.2s; Mrr372 0.2s; Mrr373 0.2s; Mrr374 0.2s; Mrr375 0.2s; Mrr376 0.2s; Mrr377 0.2s; Mrr378 0.2s; Mrr379 0.2s; Mrr380 0.2s; Mrr381 0.2s; Mrr382 0.2s; Mrr383 0.2s; Mrr384 0.2s; Mrr385 0.2s; Mrr386 0.2s; Mrr387 0.2s; Mrr388 0.2s; Mrr389 0.2s; Mrr390 0.2s; Mrr391 0.2s; Mrr392 0.2s; Mrr393 0.2s; Mrr394 0.2s; Mrr395 0.2s; Mrr396 0.2s; Mrr397 0.2s; Mrr398 0.2s; Mrr399 0.2s; Mrr400 0.2s; Mrr401 0.2s; Mrr402 0.2s; Mrr403 0.2s; Mrr404 0.2s; Mrr405 0.2s; Mrr406 0.2s; Mrr407 0.2s; Mrr408 0.2s; Mrr409 0.2s; Mrr410 0.2s; Mrr411 0.2s; Mrr412 0.2s; Mrr413 0.2s; Mrr414 0.2s; Mrr415 0.2s; Mrr416 0.2s; Mrr417 0.2s; Mrr418 0.2s; Mrr419 0.2s; Mrr420 0.2s; Mrr421 0.2s; Mrr422 0.2s; Mrr423 0.2s; Mrr424 0.2s; Mrr425 0.2s; Mrr426 0.2s; Mrr427 0.2s; Mrr428 0.2s; Mrr429 0.2s; Mrr430 0.2s; Mrr431 0.2s; Mrr432 0.2s; Mrr433 0.2s; Mrr434 0.2s; Mrr435 0.2s; Mrr436 0.2s; Mrr437 0.2s; Mrr438 0.2s; Mrr439 0.2s; Mrr440 0.2s; Mrr441 0.2s; Mrr442 0.2s; Mrr443 0.2s; Mrr444 0.2s; Mrr445 0.2s; Mrr446 0.2s; Mrr447 0.2s; Mrr448 0.2s; Mrr449 0.2s; Mrr450 0.2s; Mrr451 0.2s; Mrr452 0.2s; Mrr453 0.2s; Mrr454 0.2s; Mrr455 0.2s; Mrr456 0.2s; Mrr457 0.2s; Mrr458 0.2s; Mrr459 0.2s; Mrr460 0.2s; Mrr461 0.2s; Mrr462 0.2s; Mrr463 0.2s; Mrr464 0.2s; Mrr465 0.2s; Mrr466 0.2s; Mrr467 0.2s; Mrr468 0.2s; Mrr469 0.2s; Mrr470 0.2s; Mrr471 0.2s; Mrr472 0.2s; Mrr473 0.2s; Mrr474 0.2s; Mrr475 0.2s; Mrr476 0.2s; Mrr477 0.2s; Mrr478 0.2s; Mrr479 0.2s; Mrr480 0.2s; Mrr481 0.2s; Mrr482 0.2s; Mrr483 0.2s; Mrr484 0.2s; Mrr485 0.2s; Mrr486 0.2s; Mrr487 0.2s; Mrr488 0.2s; Mrr489 0.2s; Mrr490 0.2s; Mrr491 0.2s; Mrr492 0.2s; Mrr493 0.2s; Mrr494 0.2s; Mrr495 0.2s; Mrr496 0.2s; Mrr497 0.2s; Mrr498 0.2s; Mrr499 0.2s; Mrr500 0.2s; Mrr501 0.2s; Mrr502 0.2s; Mrr503 0.2s; Mrr504 0.2s; Mrr505 0.2s; Mrr506 0.2s; Mrr507 0.2s; Mrr508 0.2s; Mrr509 0.2s; Mrr510 0.2s; Mrr511 0.2s; Mrr512 0.2s; Mrr513 0.2s; Mrr514 0.2s; Mrr515 0.2s; Mrr516 0.2s; Mrr517 0.2s; Mrr518 0.2s; Mrr519 0.2s; Mrr520 0.2s; Mrr521 0.2s; Mrr522 0.2s; Mrr523 0.2s; Mrr524 0.2s; Mrr525 0.2s; Mrr526 0.2s; Mrr527 0.2s; Mrr528 0.2s; Mrr529 0.2s; Mrr530 0.2s; Mrr531 0.2s; Mrr532 0.2s; Mrr533 0.2s; Mrr534 0.2s; Mrr535 0.2s; Mrr536 0.2s; Mrr537 0.2s; Mrr538 0.2s; Mrr539 0.2s; Mrr540 0.2s; Mrr541 0.2s; Mrr542 0.2s; Mrr543 0.2s; Mrr544 0.2s; Mrr545 0.2s; Mrr546 0.2s; Mrr547 0.2s; Mrr548 0.2s; Mrr549 0.2s; Mrr550 0.2s; Mrr551 0.2s; Mrr552 0.2s; Mrr553 0.2s; Mrr554 0.2s; Mrr555 0.2s; Mrr556 0.2s; Mrr557 0.2s; Mrr558 0.2s; Mrr559 0.2s; Mrr560 0.2s; Mrr561 0.2s; Mrr562 0.2s; Mrr563 0.2s; Mrr564 0.2s; Mrr565 0.2s; Mrr566 0.2s; Mrr567 0.2s; Mrr568 0.2s; Mrr569 0.2s; Mrr570 0.2s; Mrr571 0.2s; Mrr572 0.2s; Mrr573 0.2s; Mrr574 0.2s; Mrr575 0.2s; Mrr576 0.2s; Mrr577 0.2s; Mrr578 0.2s; Mrr579 0.2s; Mrr580 0.2s; Mrr581 0.2s; Mrr582 0.2s; Mrr583 0.2s; Mrr584 0.2s; Mrr585 0.2s; Mrr586 0.2s; Mrr587 0.2s; Mrr588 0.2s; Mrr589 0.2s; Mrr590 0.2s; Mrr591 0.2s; Mrr592 0.2s; Mrr593 0.2s; Mrr594 0.2s; Mrr595 0.2s; Mrr596 0.2s; Mrr597 0.2s; Mrr598 0.2s; Mrr599 0.2s; Mrr600 0.2s; Mrr601 0.2s; Mrr602 0.2s; Mrr603 0.2s; Mrr604 0.2s; Mrr605 0.2s; Mrr606 0.2s; Mrr607 0.2s; Mrr608 0.2s; Mrr609 0.2s; Mrr610 0.2s; Mrr611 0.2s; Mrr612 0.2s; Mrr613 0.2s; Mrr614 0.2s; Mrr615 0.2s; Mrr616 0.2s; Mrr617 0.2s; Mrr618 0.2s; Mrr619 0.2s; Mrr620 0.2s; Mrr621 0.2s; Mrr622 0.2s; Mrr623 0.2s; Mrr624 0.2s; Mrr625 0.2s; Mrr626 0.2s; Mrr627 0.2s; Mrr628 0.2s; Mrr629 0.2s; Mrr630 0.2s; Mrr631 0.2s; Mrr632 0.2s; Mrr633 0.2s; Mrr634 0.2s; Mrr635 0.2s; Mrr636 0.2s; Mrr637 0.2s; Mrr638 0.2s; Mrr639 0.2s; Mrr640 0.2s; Mrr641 0.2s; Mrr642 0.2s; Mrr643 0.2s; Mrr644 0.2s; Mrr645 0.2s; Mrr646 0.2s; Mrr647 0.2s; Mrr648 0.2s; Mrr649 0.2s; Mrr650 0.2s; Mrr651 0.2s; Mrr652 0.2s; Mrr653 0.2s; Mrr654 0.2s; Mrr655 0.2s; Mrr656 0.2s; Mrr657 0.2s; Mrr658 0.2s; Mrr659 0.2s; Mrr660 0.2s; Mrr661 0.2s; Mrr662 0.2s; Mrr663 0.2s; Mrr664 0.2s; Mrr665 0.2s; Mrr666 0.2s; Mrr667 0.2s; Mrr668 0.2s; Mrr669 0.2s; Mrr670 0.2s; Mrr671 0.2s; Mrr672 0.2s; Mrr673 0.2s; Mrr674 0.2s; Mrr675 0.2s; Mrr676 0.2s; Mrr677 0.2s; Mrr678 0.2s; Mrr679 0.2s; Mrr680 0.2s; Mrr681 0.2s; Mrr682 0.2s; Mrr683 0.2s; Mrr684 0.2s; Mrr685 0.2s; Mrr686 0.2s; Mrr687 0.2s; Mrr688 0.2s; Mrr689 0.2s; Mrr690 0.2s; Mrr691 0.2s; Mrr692 0.2s; Mrr693 0.2s; Mrr694 0.2s; Mrr695 0.2s; Mrr696 0.2s; Mrr697 0.2s; Mrr698 0.2s; Mrr699 0.2s; Mrr700 0.2s; Mrr701 0.2s; Mrr702 0.2s; Mrr703 0.2s; Mrr704 0.2s; Mrr705 0.2s; Mrr706 0.2s; Mrr707 0.2s; Mrr708 0.2s; Mrr709 0.2s; Mrr710 0.2s; Mrr711 0.2s; Mrr712 0.2s; Mrr713 0.2s; Mrr714 0.2s; Mrr715 0.2s; Mrr716 0.2s; Mrr717 0.2s; Mrr718 0.2s; Mrr719 0.2s; Mrr720 0.2s; Mrr721 0.2s; Mrr722 0.2s; Mrr723 0.2s; Mrr724 0.2s; Mrr725 0.2s; Mrr726 0.2s; Mrr727 0.2s; Mrr728 0.2s; Mrr729 0.2s; Mrr730 0.2s; Mrr731 0.2s; Mrr732 0.2s; Mrr733 0.2s; Mrr734 0.2s; Mrr735 0.2s; Mrr736 0.2s; Mrr737 0.2s; Mrr738 0.2s; Mrr739 0.2s; Mrr740 0.2s; Mrr741 0.2s; Mrr742 0.2s; Mrr743 0.2s; Mrr744 0.2s; Mrr745 0.2s; Mrr746 0.2s; Mrr747 0.2s; Mrr748 0.2s; Mrr749 0.2s; Mrr750 0.2s; Mrr751 0.2s; Mrr752 0.2s; Mrr753 0.2s; Mrr754 0.2s; Mrr755 0.2s; Mrr756 0.2s; Mrr757 0.2s; Mrr758 0.2s; Mrr759 0.2s; Mrr760 0.2s; Mrr761 0.2s; Mrr762 0.2s; Mrr763 0.2s; Mrr764 0.2s; Mrr765 0.2s; Mrr766 0.2s; Mrr767 0.2s; Mrr768 0.2s; Mrr769 0.2s; Mrr770 0.2s; Mrr771 0.2s; Mrr772 0.2s; Mrr773 0.2s; Mrr774 0.2s; Mrr775 0.2s; Mrr776 0.2s; Mrr777 0.2s; Mrr778 0.2s; Mrr779 0.2s; Mrr780 0.2s; Mrr781 0.2s; Mrr782 0.2s; Mrr783 0.2s; Mrr784 0.2s; Mrr785 0.2s; Mrr786 0.2s; Mrr787 0.2s; Mrr788 0.2s; Mrr789 0.2s; Mrr790 0.2s; Mrr791 0.2s; Mrr792 0.2s; Mrr793 0.2s; Mrr794 0.2s; Mrr795 0.2s; Mrr796 0.2s; Mrr797 0.2s; Mrr798 0.2s; Mrr799 0.2s; Mrr800 0.2s; Mrr801 0.2s; Mrr802 0.2s; Mrr803 0.2s; Mrr804 0.2s; Mrr805 0.2s; Mrr806 0.2s; Mrr807 0.2s; Mrr808 0.2s; Mrr809 0.2s; Mrr810 0.2s; Mrr811 0.2s; Mrr812 0.2s; Mrr813 0.2s; Mrr814 0.2s; Mrr81

NWAO	Narrogin (SRO)	25.19 163	P	P	15 10 50.8 -0.5
NWAO	comp=Z,15nm,0.7s				
NWAO	comp=Z,15nm,21.9s		MLR	MLR	
NWAO	Narrogin (SRO)	25.19 163	P	P	15 10 51.1 -0.1
WRA	Warramunga Arr	27.17 117	P	P	15 11 09.3 -0.4
WRA	Warramunga Arr	27.17 117	P	P	15 11 09.3 -0.4
WRAB	Tennant Creek	27.18 117	eP	P	15 11 09.2 -0.6
WB2	Warramunga Arr	27.18 117	iP	P	15 11 09.5 -0.3
QIZ	Qiongzhong	27.79 2	eS	P	15 11 18.0 +2.6
QIZ	comp=N,658nm,16.2s		LR	LR	
ASPA	Alice Springs	28.28 124	eP	P	15 11 19.8 0.0
ASAR	Alice Springs	28.29 124	P	P	15 11 18.9 -0.9
ASAR	comp=Z,1.7nm,0.4s,baz=313,slow=2.1,SNR=8.3		LR	LR	
FORT	Forrest	28.32 143	eP	P	15 11 19.6 -0.5
FORT	Chiang Mai Arr	28.32 341	eS	tx	15 16 38.6
CM31	Chiang Mai Arr	28.32 341	eP	P	15 11 22.1 -2.5
CMAR	Chiang Mai Arr	28.32 341	P	P	15 11 22.9 -1.7
CMAR	comp=Z,1.9nm,0.6s,mb4.0,baz=175,slow=8.9,SNR=15		PcP	PcP	
CMAR	comp=Z,1.5nm,0.7s,baz=192,slow=4.4,SNR=4.9		LR	LR	
CMAR	Chiang Mai Arr	28.32 341	P	P	15 23 45.0
CMAR	comp=Z,2.0nm,0.6s		pmx	pmx	
CMAR	comp=Z,2.0nm,0.7s		pmx	pmx	
CMAR	comp=Z,1.1nm,0.3s		MLR	MLR	
KMI	Kunming	34.31 351	eP	P	15 12 14.9 +2.2
KMI	comp=Z,8.0nm,0.9s,mb4.7		AMB	AMB	
KMI	comp=Z,95nm,3.9s		AMB	AMB	
KMI	comp=N,1.1nm,17.9s,MS4.9		LR	LR	
KMI	comp=E,1.1nm,14.8s,MS4.9		LR	LR	
KMI	comp=Z,2.1nm,18.2s,MS4.9		LR	LR	
GYA	Guiyang	35.21 357	iP	P	15 12 21.6 +1.2
GYA	comp=Z,20nm,1.1s,mb5.0		AMB	AMB	
GYA	comp=Z,180nm,3.2s		LR	LR	
GYA	comp=N,820nm,18.8s,MS4.7		LR	LR	
GYA	comp=E,720nm,16.8s,MS4.7		LR	LR	
GYA	comp=Z,1.1nm,19.8s,MS4.6		LR	LR	
TRD	Trivandrum	35.97 298	eP	P	15 12 29.1 +2.1
VIS	Vishakhapatnam	36.39 317	eP	P	15 12 31.1 +0.6
VIS	comp=Z,42nm,1.0s,mb5.3		AMB	AMB	
SHTL	Shillong	37.95 335	eP	P	15 12 43.2 -0.2
CTA	Charters Tower	38.00 111	eP	P	15 12 45.6 +1.7
CTA	Charters Tower	38.00 111	LR	LR	15 28 23.7
CTA	Charters Tower	38.00 111	LR	LR	15 28 23.7
CTA	Charters Tower	38.00 111	eP	P	15 12 44.1 +0.1
CTAO	comp=Z,12nm,1.0s,mb4.6		LR	LR	
PMG	Port Moresby	38.04 94	P	P	15 12 44.6 +0.3
PMG	comp=Z,7.4nm,0.7s,mb4.5,baz=301,slow=7.1,SNR=7.3		LR	LR	15 30 01.9
PMG	Port Moresby	38.04 94	P	P	15 12 44.6 +0.3
PMG	comp=Z,7.0nm,0.7s		pmx	pmx	
PMG	comp=Z,488nm,21.1s,MS4.3,baz=116,slow=39		MLR	MLR	
PMG	Port Moresby	38.04 94	eP	P	15 12 44.1 -0.2
PMG	comp=Z,6.4nm,0.8s,mb4.5		LR	LR	
STKA	Stephens Creek	38.18 131	iP	P	15 12 45.7 +0.4
STKA	Stephens Creek	38.18 131	P	P	15 12 45.2 -0.1
STKA	comp=Z,81nm,0.7s,mb5.6,baz=304,slow=8.2,SNR=168		LR	LR	15 29 59.7
ENH	Enshi	38.97 1	eP	P	15 12 51.6 -0.3
HYB	Hyderabad	39.59 311	eP	P	15 13 01.5 +4.4
HYB	Hyderabad	39.59 311	iP	P	15 13 00.0 +2.9
CD2	Chengdu	39.87 353	P	P	15 13 01.8 +2.5
CD2	comp=Z,9.2nm,0.6s,mb4.7		PP	PP	15 14 41.5 +6.5
CD2	comp=Z,1.1nm,0.3s,mb4.5		PPP	PPP	15 19 02.8 +1.5
CD2	comp=Z,1.1nm,0.3s,mb4.5		SS	SS	15 21 50.6 -1.6
CD2	comp=Z,1.1nm,0.3s,mb4.5		SS	SS	15 23 03.3 +1.9
CD2	comp=Z,10.0nm,1.0s,mb4.5		AMB	AMB	
CD2	comp=Z,80nm,4.8s		AMB	AMB	
CD2	comp=E,470nm,18.2s		LR	LR	
CD2	comp=Z,390nm,13.2s		LR	LR	
LSA	Lhasa	41.91 337	P	P	15 13 20.8 +4.5
PKI	Pulchokji	42.67 329	eP	P	15 13 23.4 +0.8
GUN	Gumba	42.71 330	eP	P	15 13 23.1 +0.2
XAN	Xi'an	42.71 0	P	P	15 13 22.9 +0.1
DMN	Daman	42.85 329	eP	P	15 13 24.1 0.0
DMN	Kakani	42.91 329	eP	P	15 13 25.2 +0.7
GKN	Gorkha	43.41 328	eP	P	15 13 28.4 -0.2
KOLN	Koldanda	43.77 327	eP	P	15 13 30.9 -0.6
BHPL	Bhopal	44.19 317	eP	P	15 13 34.9 0.0
LZH	Lanzhou	44.98 355	eP	P	15 13 46.0 +4.9
LZH	comp=Z,3.5nm,0.3s,mb4.5		AP	pP	15 13 58.4 +6.4
LZH	comp=Z,3.5nm,0.3s,mb4.5		XP	sP	15 14 03.9 +7.3
LZH	comp=Z,3.5nm,0.3s,mb4.5		PP	PP	15 15 32.2 +5.0
LZH	comp=Z,3.5nm,0.3s,mb4.5		SS	SS	15 20 21.0 +4.7
LZH	comp=Z,15nm,1.0s,mb4.8		XS	AMB	15 20 43.0
LZH	comp=Z,70nm,4.1s		AMB	AMB	
LZH	comp=N,700nm,14.6s		LR	LR	
LZH	comp=Z,924nm,15.9s,MS4.8		LR	LR	

LGTI	Lohaghat	46.92 325	eP	P	15 13 56.7 +0.2
PTH	Pithoragarh	47.01 325	eP	P	15 13 51.8 -5.5
NDI	New Delhi	48.12 322	eP	P	15 14 03.0 -3.0
AJM	Ajmer	48.23 318	eP	P	15 14 06.7 -0.1
AJM	comp=Z,1.9nm,1.0s		LR	LR	15 14 37.4
CBJ	Chichi jima	48.37 41	LR	LR	15 32 12.2
GTA	Gaotai	48.77 351	eP	P	15 14 12.6 +1.8
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		AP	pP	15 14 24.0 +2.3
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		XP	sP	15 14 30.0 +3.8
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		PCP	PcP	15 15 36.1 +0.4
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		PP	PP	15 16 06.1 +2.2
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		SCP	SS	15 19 26.1
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		SS	SS	15 21 12.4 +2.5
GTA	comp=Z,231nm,20.9s,MS4.1,baz=151,slow=33		AMB	AMB	15 24 38.7 +2.8
GTA	comp=Z,6.0nm,0.4s,mb5.0		AMB	AMB	
GTA	comp=Z,120nm,4.6s		LR	LR	
GTA	comp=N,911nm,17.5s,MS4.9		LR	LR	
GTA	comp=E,582nm,17.1s,MS4.9		LR	LR	
DDI	Dehra Dun	48.83 324	eP	P	15 14 13.2 +1.8
BJT	Baijiatuu	49.18 8	eP	P	15 14 11.9 -2.0
BJT	comp=Z,15nm,0.5s,mb5.3		eP	pP	15 14 25.5 +0.7
BJT	comp=Z,523nm,19.0s,MS4.5		LR	LR	
BJI	Beijing	49.20 8	P	P	15 14 12.7 -1.5
BJI	comp=N,911nm,17.5s,MS4.9		S	S	15 21 22.8 +6.8
BJI	comp=N,525nm,19.5s		LR	LR	
BJI	comp=E,414nm,12.7s		LR	LR	
BJI	comp=Z,517nm,26.4s		LR	LR	
BTO	Baotou	49.28 1	eP	P	15 14 13.5 -1.3
BHJ	Bhuj	49.75 311	eP	P	15 14 17.6 -0.9
BHJ	comp=Z,44nm,1.3s,mb5.3		AMB	AMB	15 14 33.7
SDNR	Sundarnagar	50.32 324	eP	P	15 14 21.8 -1.1
HJH	Hachioji jima	51.25 34	LR	LR	15 14 45.4
THN	Thein Dam	51.73 324	iP	P	15 14 30.7 -2.8
SNY	Shenyang	52.32 14	eP	P	15 14 37.3 -0.5
SNY	comp=Z,10.0nm,0.9s,mb4.8		AMB	AMB	15 21 49.4 -1.0
SNY	comp=Z,10.0nm,0.9s,mb4.8		AMB	AMB	
SNY	comp=N,300nm,19.2s,MS4.5		LR	LR	
SNY	comp=E,210nm,17.1s,MS4.5		LR	LR	
SNY	comp=Z,420nm,19.0s,MS4.5		LR	LR	
MAT	Matsushiro	53.08 30	P	P	15 14 41.6 -1.9
MAT	Matsushiro	53.08 30	P	P	15 14 42.0 -1.5
CN2	Changchun	54.64 15	eP	P	15 14 56.0 +1.1
CN2	comp=Z,10nm,0.7s,mb5.0		eAP	pP	15 15 08.5 +2.5
CN2	comp=Z,10nm,0.7s,mb5.0		eS	S	15 22 33.9 +3.4
CN2	comp=Z,10nm,0.7s,mb5.0		AMB	AMB	
CN2	comp=Z,400nm,6.0s		LR	LR	
CN2	comp=N,300nm,15.0s,MS4.6		LR	LR	
CN2	comp=E,300nm,15.0s,MS4.6		LR	LR	
CN2	comp=Z,500nm,16.0s,MS4.7		LR	LR	
WMQ	Urumqi	55.81 342	iP	P	15 15 04.7 +1.3
WMQ	comp=Z,26nm,22.0s,MS4.4		AP	pP	15 15 17.7 +3.2
WMQ	comp=Z,26nm,22.0s,MS4.4		XP	sP	15 15 22.7 +3.8
WMQ	comp=Z,26nm,22.0s,MS4.4		PCP	PcP	15 15 27.5 +1.6
WMQ	comp=Z,26nm,22.0s,MS4.4		PP	PP	15 17 10.9 +1.4
WMQ	comp=Z,26nm,22.0s,MS4.4		S	SS	15 22 46.5 +0.4
WMQ	comp=Z,5.0nm,0.9s,mb4.5		AMB	AMB	
WMQ	comp=N,296nm,21.4s,MS4.5		LR	LR	
WMQ	comp=E,313nm,20.8s,MS4.5		LR	LR	
WMQ	comp=Z,326nm,22.0s,MS4.4		LR	LR	
SONM	Songrio Array	56.53 358	P	P	15 15 08.0 -0.4
ULN	Ulaanbaatar	56.54 359	eP	P	15 15 07.6 -1.0
ULN	comp=Z,16nm,0.7s,mb5.2		LR	LR	
MDJ	Mudanjiang	55.65 18	P	P	15 15 06.7 -2.0
MDJ	comp=Z,281nm,20.6s		AP	pP	15 15 18.3 -1.5
MDJ	comp=Z,281nm,20.6s		XP	sP	15 15 23.3 -0.9
MDJ	comp=Z,281nm,20.6s		PCP	PP	15 17 12.5 -3.6
MDJ	comp=Z,281nm,20.6s		SCP	SS	15 19 59.4
MDJ	comp=Z,281nm,20.6s		PCS	S	15 20 04.0
MDJ	comp=Z,281nm,20.6s		S	S	15 22 55.1 -0.8
MDJ	comp=Z,281nm,20.6s		XS	SS	15 18 40.2 +1.2
MDJ	comp=Z,281nm,20.6s		SS	SS	15 26 42.5 -1.7
MDJ	comp=Z,85nm,4.0s		AMB	AMB	
MDJ	comp=N,296nm,23.2s,MS4.4		LR	LR	
MDJ	comp=E,230nm,26.9s,MS4.4		LR	LR	
MDJ	comp=Z,281nm,20.6s		LR	LR	
KSH	Kashi	56.90 330	eAP	pP	15 15 14.2 +2.9
KSH	comp=Z,281nm,20.6s		eP	pP	15 15 27.4 +5.0
KSH	comp=Z,281nm,20.6s		eXP	sP	15 15 32.2 +5.4
KSH	comp=Z,281nm,20.6s		ePCP	PcP	15 16 10.4 +4.2
KSH	comp=Z,281nm,20.6s		ePP	PP	15 17 21.2 +1.8
KSH	comp=Z,281nm,20.6s		ePPP	PPP	15 18 40.2 +1.2
KSH	comp=Z,281nm,20.6s		eSCP	SS	15 20 05.0
KSH	comp=Z,281nm,20.6s		ePCS	SS	15 20 10.2
HIA	Hailar	58.75 9	eP	P	15 15 22.2 -1.9
HIA	comp=Z,190nm,4.6s		LR	LR	
ZAK	Zakamensk	59.23 356	eP	P	15 15 28.5 +1.1
KZA	Kyzart	59.23 332	P	P	15 15 27.1 -0.4
UCH	Uchtor	59.69 331	eP	P	15 15 29.6 -1.1
UCH	comp=Z,2.8nm,0.7s,mb4.7		LR	LR	
TKM2	Tokmak 2	59.73 332	P	P	15 15 29.9 -1.0
TKM2	Tokmak 2	59.73 332	eP	P	15 15 29.7 -1.2
TKM2	comp=Z,2.7nm,0.7s,mb4.5		LR	LR	
TKM2	comp=Z,515nm,22.0s,MS4.6		LR	LR	
KBK	Karagaybulak	59.82 332	P	P	15 15 31.2 -0.4
AAK	Ala-Archa	60.02 331	eP	P	15 15 31.3 -1.6
AAK	comp=Z,5.0nm,0.9s,mb4.5		pmx	pmx	
AAK	comp=Z,5.0nm,0.9s,mb4.5		MLR	MLR	
AAK	comp=Z,500nm,19.0s,MS4.7		LR	LR	
AAK	comp=Z,3.9nm,0.8s,mb4.5		P	P	15 15 30.7 -2.2
AML	Almayushy	60.02 331	P	P	15 15 32.3 -0.6
MKAR	Makanchi Array	60.22 339	iP	P	15 15 33.1 -1.2
MKAR	comp=Z,8.0nm,0.4s		pmx	pmx	
EKSZ	Erkin-Say	60.38 331	P	P	15 15 34.7 -0.7
EKSZ	Erkin-Say	60.38 331	P	P	15 15 34.3 -1.1
EKSZ	comp=Z,1.6nm,0.7s,mb5.2		P	P	15 15 41.7 +5.6
TLY	Talaya	60.50 356	iP	P	15 15 34.5 -1.6
TLY	comp=Z,6.6nm,0.7s,mb4.8		P	P	15 15 34.5 -1.6
TLY	comp=Z,175nm,22.0s,MS4.2		LR	LR	
ASAJ	Asahikawa	61.09 27	P	P	15 15 41.2 +1.0
ASAJ	comp=Z,9.1nm,0.7s,mb5.0,baz=116,slow=3.0,SNR=6.8		LR	LR	15 47 00.5
ASAJ	comp=Z,746nm,18.6s,MS4.9,baz=66,slow=41		P	P	15 15 41.3 +1.1
ASAJ	Asahikawa	61.09 27	pmx	pmx	

ASAJ	comp=Z,9.0nm,0.7s
------	-------------------

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TBI Tubuai, PPT Papeete, IMA Indian Moutai, etc.

IDC 12 15:18:30.7.2, 3.8, 8.9S, 108.41E, mb3.7/5, mb1 3.9/5, s-min=21.0km az=53.0, Jawa

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, etc.

NIED 12 15:31:00, 42.90N, 145.00E, h59km, Mw4.1 Best double couple: M1.44x1015 NP1.0q19, 0.70, 1.75. NP2.0z238, 0.25, 1.126.

MOS 12 15:31:41.3.0.9, 42.89N, 145.09E, h61km, mb4.2/3, Error ellipse: s-maj=16.7km s-min=10.2km az=88.6

SKHL 12 15:31:43.4.1.0, 42.91N, 145.04E, h54km, mb10km, mb5.4/1 JMA 12 15:31:43.3.0.1, 42.95N, 144.99E, h52km, mb10km, M4.1

Broadband fault plane solution: P waves. NP1.0z243, 0.23, 1.126. NP2.0z25, 0.71, 1.76. Principal axes: T P16g1, Azm274; N P1g13, Azm30; P P1g25, Azm126;

JMA Felt II J1 NEIC 12 15:31:44.3.0.9, 42.97N, 144.90E, h64km, mb4.0/4 Error ellipse: s-maj=8.1km s-min=7.0km az=118.0

NEIC Recorded [2 JMA] in eastern Hokkaido, IDC 12 15:31:46.7.2, 43.01N, 144.91E, h85km, mb3.6/17, mb1 3.8/18, mb1mx3.7/25, Error ellipse: s-maj=17.3km s-min=14.5km az=128.0

ISC 12 15:31:41.8.0.5, 42.92N, 145.02E, h59km, mb3km, n50, 0.089/65, mb3.9/21, 2C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JAK Akkeshi, NEM2 Nemuro 2, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SONM Songino Array, ZAL Zalesovo, ILAR Eielson Array, etc.

IDC 12 15:35:55.6.1.2, 47.39N, 153.16E, mb4.0/11, mb1 4.1/11, mb1mx3.9/23, Error ellipse: s-maj=32.0km s-min=25.0km az=143.0

MOS 12 15:36:04.6.1.7, 47.49N, 153.61E, h82km, mb4.2/2, Error ellipse: s-maj=27.9km s-min=13.6km az=86.4

NEIC 12 15:36:09.5.1.9, 47.46N, 153.36E, h113km, 15km, mb3.9/1, Error ellipse: s-maj=21.8km s-min=12.8km az=135.0

ISC 12 15:36:03.7.1, 47.5N, 0.2, 153.6E, 0.2, h74km, 15km, n20, 0.152/120, mb3.9/13, IC, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SKR Severo-Kuril's, SRS Yuzh-Sakhalins, MA2 Magadan, etc.

NIED 12 15:45:00, 42.90N, 145.50E, h35km, Mw4.3 Best double couple: M3.2x1015 NP1.0q33, 0.71, 1.84. NP2.0z231, 0.20, 1.107.

MOS 12 15:45:15.9.0.9, 42.79N, 145.53E, h36km, mb4.8/15, Error ellipse: s-maj=12.1km s-min=6.7km az=105.4

IDC 12 15:45:17.6.0.8, 42.89N, 145.41E, h34km, mb4.0/21, mb1 4.2/22, mb1mx4.1/27, ML4.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.4/31, Error ellipse: s-maj=16.5km s-min=14.2km az=145.0

BUI 12 15:45:17.8, 43.03N, 145.64E, h61km, mb4.9, mb4.7, Ms4.3, Ms24.0

NEIC 12 15:45:18.6.0.8, 42.87N, 145.44E, h42km, 7km, mb4.7/18, MW4.3(NIED), Error ellipse: s-maj=6.5km s-min=5.3km az=126.0

NEIC Recorded [1 JMA] in eastern Hokkaido, JMA 12 15:45:18.3.0.1, 42.91N, 145.49E, h45km, 1km, M4.2

JMA Felt I, J1 SKHL 12 15:45:19.5.0.4, 42.98N, 145.64E, h50km, 19km, mb4.6/4

ISC 12 15:45:16.8.0.6, 42.84N, 0.04, 145.51E, 0.05, h39km, 2.4km, pp-P, n122, 0.095/136, mb4.5/50, MS4.2/4, 2C-12D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Sakhalins, YUK Yuzh-Sakhalins, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Urumqi, Elison Array, Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like La Plagne, Saint-Julien, Forest Royal, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Narrogin (SRO), Matsushiro, Sheshan, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like WMO comp=E,391nm,27.7s,MS4.8, DDI Dehra Dun, NDI New Delhi, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like YBH comp=Z,2um,21.0s,MS5.6, WDC Whiskeytown Da, WAO comp=Z,1um,19.0s,MS5.3, etc.





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

ATH 12 17:56:53.3, 40.49N:23.67E, h4km, MD2.7/3
THE 12 17:56:53.6, 40.53N:23.59E, h6km, ML2.3
CSEM 12 17:56:53.8, 40.1, 40.52N:23.52E, h8km, ML2.3, Error ellipse: s-maj=2.7km s-min=1.7km az=76.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PLG, SOH, OUR, etc.

NIED 12 17:58:00.49, 70N:147.20E, h56km, Mw4.2 Best double couple: M2.37x1015 NP1.9x155, d72, l63, NP2.9x35, d32, l145

MOS 12 17:58:22.7, 1.1, 43.73N:147.17E, h65km, mb4.6/6, Error ellipse: s-maj=13.3km s-min=10.7km az=83.1
IDC 12 17:58:23.8, 0.5, 43.90N:147.13E, h51km, mb4.0/17, mb1.4, 2/18, mb1mx4.1/23, MS3.1/2, Ms1.3/1.2, ms1mx2.5/24, Error ellipse: s-maj=17.7km s-min=11.7km az=122.0

NEIC 12 17:58:23.7, 0.3, 43.86N:147.13E, mb4.2/8, Error ellipse: s-maj=9.1km s-min=6.2km az=138.0

JMA 12 17:58:23.3, 0.2, 43.66N:147.24E, h32km, 5km, M4.8
SKHL 12 17:58:23.9, 0.9, 43.76N:147.30E, h40km, 6km, mb4.8/4
ISC 12 17:58:23.1, 0.8, 43.83N:147.23E, 0.07, h62km, 6km, h53km, 7km; pP-P, n70, a15/10.81, mb4.2/24, 1D, Kuril Islands

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NEM2, KUR, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AKASG, PV10, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AKASG, PV10, etc.

CSEM 12 18:11:25.9, 0.1, 34.95N:2.93W, h12km, MD3.4, Error ellipse: s-maj=5.0km s-min=2.6km az=159.0
CNRM 12 18:11:26.3, 0.35, 0.4N:2.69W, h25km, MD3.4
NEIC 12 18:11:28.6, 0.35, 0.5N:3.16W, MG3.4(MDD), After MDD: MDD 12 18:11:29.1, 1.7, 35.07N:3.17W, mb3.5/2, Error ellipse: s-maj=16.4km s-min=5.4km az=162.0, PRXIMO

ISC 12 18:11:27.1, 0.7, 35.02N:0.03, 3.00W:0.06, h10km, n25, a1947/22, Strait of Gibraltar

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

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

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

NEIC 12 18:37:24.8, 30.70S:71.77W, h26km, ML3.2(GUC), After GUC

GUC 12 18:37:24.8, 0.9, 30.70S:71.77W, h26km, 6km, MD3.8, ML3.2, 2C-1D, Near coast of central Chile

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

SNSN 12 18:37:57.6, 33.49N:34.65E, h112km, ML3.2
GRAL 12 18:38:14.5, 0.1, 32.19N:33.93E, h14km, 35km, MD3.6
CSEM 12 18:38:14.5, 0.1, 32.02N:35.06E, h2km, Mw2.7, Error ellipse: s-maj=2.6km s-min=1.0km az=93.0
Gll 12 18:38:15.0, 0.2, 32.03N:35.11E, h2km, 1km, ML2.7/13, Mw2.7/8

ISC 12 18:38:14.7, 0.4, 32.01N:0.02, 35.07E:0.06, h0km, 4km, n40, a9878/52, 4D, Dead Sea region

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

IDC 12 18:47:45.3, 5.8, 5.29S:152.76E, h81km, 54km, mb3.3/3, mb1.3/6, mb1mx3.3/13, ML2.7/1, MS2.6/2, Ms1.2/6/2, ms1mx2.5/13, Error ellipse: s-maj=68.7km s-min=34.5km az=139.0, New Britain region

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

NEIC 12 19:15:28.5, 31.17S:68.43W, h145km, MD3.6(GUC), After GUC

GUC 12 19:15:28.5, 0.7, 31.17S:68.43W, h145km, MD3.6, ML3.8, 2C-3D, San Juan Province

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



12d 19h

2004 DEC

300

Table of astronomical observations for 12d 19h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 300, listing station names, coordinates, and observation details.









Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LZH, CD2, Ulanbaatar, SOMNI, KMI, GTA, ZAKAR, CMAR, SHL, WMQ, GUN, PKI, KKN, DMN, ZAL, ZAL, GKN, KOLN, TWI, TIXI, TKM2, AAK, AAK, AAK, UCH, PMG, CHKZ, CHKZ, CHKZ, BVAR, BRVK, BRVK, WRA, ARU, ARU, ARU, CTA, CTAO, CTAO, CTAO, ASAR, ASAR, IMA, IMA, IMA, ILAR, ILAR, STKA, ARCES, ARCES, GINI, GINI, FINES, DAG, DAG, AKASG, YKA, BRTR, NB2, NOA, ASF, MLR, EIL, KHC, GERES, NVAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JSJ, JFU, NGSJ, NGSJ, JSU, NIED, JMA, JSJ, JSJ, JFU, NGSJ, NGSJ, JHD, JHD, JSU, JSU, JZO, JZO, JMA, JSJ, JSJ, JFU, NGSJ, NGSJ, JHD, JHD, JSU, JSU, JZO, JZO, IDC, STKA, WB2, WRA, ASAR, ASPA, NIED, JMA, JSJ, JSJ, JFU, NGSJ, NGSJ, JHD, JHD, JSU, JSU, JZO, JZO, STR, LDG, TCF, BGF, BGF, BGF, RJJ, RJJ, AGO, AGO, AVF, AVF, MFF, MFF, CAF, CAF, SSF, SSF, LFF, LFF, SMF, SMF, IDC, NEIC, DJA, ISC, Code, SDR1, SDR1, KELI, KELI, KELI, RATI, RATI, KEDI, MBWA, MBWA, WRA, ASAR, STKA, SONM, ZAL, ZAL, BVAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC, ATH, CSEM, NEIC, Code, KYTH, VTI, ILM, ITM, VAM, RLS, NAG, MGER, NSAL, VTH, ALS, PTI, MPAR, THRS, LKR, THR6, THR1, EVR, NPS, AGG, APE, NEO, ALO, JAN, MEV, LIT, LIT, SRN, SRN, NEIC, ATH, CSEM, NEIC, Code, SOH, SOH, SOH, SOH, THE, PLG, PLG, SRS, SRS, SRS, KNT, OUR, OUR, GRG, GRG, NVR, NVR, PAIR, PAIR, LIT, LIT, VAY, VAY, VAY, MMB, KKB, XOR, NEO, ALO, RZN, RZN, RDO, RDO, AGG, KGD, VNS, PGB, EVR, IDC, WRA, VNA, VNA, VNA, MAW, MAW, QSPA, SNA, VNA2, VNA3, YKA, YKA, EKA, WEL, Code, URZ, URZ, URZ, MXZ, MXZ, MWZ, MWZ, PUZ, PUZ, KNZ, KNZ.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Black Stump Fm, Ngauruhoe, Takapari Road, etc.

NEIC 13 00:05:31.2-0.7, 49.38N-19.81E, h5km, MG2.9(WAR), Error ellipse: s-maj=8.6km s-min=7.3km az=189.0

PRU 13 00:05:31.8, 49.52N-19.83E, h10km, High Tatras

CSEM 13 00:05:32.0-0.3, 49.44N-19.83E, ML2.9/4, Error ellipse: s-maj=5.3km s-min=3.3km az=31.0

IPEC 13 00:05:33.0-0.2, 49.30N-19.78E, ML2.1/3, Error ellipse: s-maj=2.2km s-min=0.9km az=48.0

ISC 13 00:05:31.3-0.4, 49.38N-19.81E, h5km, n36, r104/61, 2C, Poland

Main station list table for the first section, including stations like Niedzica, Likavka, Ojcow, Vyhne, etc.

BER 13 00:20:10.7-4.9, 67.76N-20.32E, ML2.0, Suspected explosion

HEL 13 00:20:09.0-0.3, 67.85N-20.12E, ML2.1, ML1.8(UPP), ML2.0(BER), Explosion, Sweden

Main station list table for the second section, including stations like Kurvaara, Nikkaluokta, Dunderf, etc.

NEIC 13 00:25:37.6-0.7, 30.69S-71.72W, h15km, ML3.9(GUC), After GUC

GUC 13 00:25:37.6-0.7, 30.69S-71.72W, h15km, 4km, MDA.2, ML3.9, 3C, Near coast of central Chile

Main station list table for the third section, including stations like Ovalle, Combarbala, La Serena, etc.

INMG 13 00:33:47.3-1.2, 42.82N-7.22W, h6km, 4km, ML2.0, Error ellipse: s-maj=2.5km s-min=1.6km az=94.0

MDD 13 00:33:47.4-0.2, 42.82N-7.22W, mblG2/11, Error ellipse: s-maj=3.1km s-min=1.7km az=104.0, PRXIMO, Spain

Main station list table for the fourth section, including stations like Incio, ERUA, EPON, etc.

KRSC 13 00:39:46.8-0.8, 49.19N-156.15E, h34km, 10km, ML4.0, Kuril Islands

Main station list table for the fifth section, including stations like Severo-Kuril's, Alaid, Pauzhetka, etc.

IDC 13 00:37:20.4-1.6, 16.80N-99.89W, mb3.6/3, mb1.3/6, mb1mx3.7/20, ML3.1/2, MS3.0/1, Ms1.3.0/1, ms1mx2.3/22, Error ellipse: s-maj=35.2km s-min=28.1km az=64.0

NEIC 13 00:37:23.4-1.5, 16.92N-100.05W, h12km, 9km, MDA.4(MEX), Error ellipse: s-maj=11.5km s-min=7.0km az=199.0

MEX 13 00:37:24.7-1.1, 16.94N-100.10W, h4km, 9km, MDA.4, ISC 13 00:37:22.6-0.8, 16.93N-100.04-100.08W-0.03, h16km, 7km, n41, c099/73, mb3.4/4, 1D, Near coast of Guerrero

Main station list table for the sixth section, including stations like El Cayaco, El Cayaco, Zihuatanejo, etc.

Main station list table for the seventh section, including stations like Platanillo, Pinotepa, Chichinautzin, etc.

TEIG 11.67 72 Pn 0.1nm, 0.3s, baz=265, slow=18, SNR=2.3

TEIG 11.67 72 Pn 0.3nm, 0.3s, baz=315, slow=20, SNR=3.8

TEIG 11.67 72 Pn 0.1nm, 0.3s, baz=151, slow=28, SNR=3.9

JTS JuntasAbangare 16.11 112 P 0.1nm, 0.3s, baz=183, SNR=3.7

ANMO Albuquerque 18.83 344 P baz=143, slow=9.8, SNR=3.7

ANMO Albuquerque 18.83 344 P comp=2.47nm, 19.9s, slow=40.5nm, 1.3s

ANMO Great Sand Dun 21.28 348 P 2.0nm, 0.9s, mb3.5

ARUT Antelope Range 23.88 333 P 1.8m, 0.6s, mb3.6, baz=131, slow=11, SNR=11

PDAR Pinedale Array 27.00 345 P 0.4nm, 0.9s, mb3.0, baz=170, slow=5.5, SNR=2.7

YKA Yellowknife Ar 46.65 351 P 0.5nm, 0.6s, mb3.6, baz=157, slow=7.6, SNR=9.9

WRA Warramunga Ar 128.46 258 PKP 0.5nm, 0.7s, baz=87, slow=2.7, SNR=5.7

ASAR Alice Springs 129.16 253 PKP 0.2nm, 0.6s, baz=45, slow=2.6, SNR=4.3

IDC 13 00:39:54.1-4.7, 35.40N-71.33E, mb3.8/4, mb1.4/0.5, mb1mx3.5/20, ML4.0/1, Error ellipse: s-maj=92.2km s-min=52.9km az=161.0

NEIC 13 00:39:56.4-2.6, 35.44N-70.97E, h10km, mb3.5/2, Error ellipse: s-maj=43.2km s-min=18.6km az=144.0

NIC 13 00:40:20.2-5.0, 37.48N-70.43E, mva4.0, Error ellipse: s-maj=36.2km s-min=36.5km az=133.0

ISC 13 00:40:15.0-1.3, 36.49N-0.05-71.7E-0.2, h139km, 15km, n33, c190/39, mb3.5/3, 3C-1D, Afghanistan-Tajikistan border region

Main station list table for the eighth section, including stations like Severo-Kuril's, Alaid, Pauzhetka, etc.



Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Kunming, Lanzhou, Changchun, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Mbarara, Kilima Mbogo, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Chiang Mai Arr, Brasilia, etc.

CASC 13 03:19:45.0 ± 1.2, 13.43N-90.01W, h34km, MD3.4
SSS 13 03:19:45.4, 13.42N-89.95W, h30km, MD2.9
GCG 13 03:19:44.7, 13.42N-90.12W, h27km, MD3.8, 2C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like San Blas, El Retiro, Robledal, etc.

NEIC 13 03:53:49.2 ± 2.8, 3.52S-139.27E, h67km, 28km, mb4.3/2, Error ellipse: s-maj=21.2km s-min=17.9km az=161.0
IDC 13 03:54:00.8 ± 4.8, 3.72S-139.47E, h184km, 49km, mb3.6/4, mb1.3.9/8, mb1mx3.7/14, Error ellipse: s-maj=32.3km s-min=16.0km az=118.0
ISC 13 03:53:47.2 ± 2.7, 3.65S-101.139E, 0.1, h54km, 28km, n15, e1500/18, mb3.9/3.1, C, Irian Jaya

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Port Moresby, Kakadu, Tennant Creek, etc.

NEIC 13 04:09:04.0 ± 0.3, 0.78N-30.17E, mb4.8/35, Error ellipse: s-maj=10.1km s-min=5.9km az=75.0
IDC 13 04:09:04.0 ± 0.6, 0.81N-30.15E, h18km, 2km, mb4.2/16, mb1.4.3/17, mb1mx4.2/21, ML4.6/1, MS4.0/11, M1.4/1.1, ms1mx3.7/21, Error ellipse: s-maj=17.0km s-min=13.1km az=92.0
MOS 13 04:09:04.0 ± 0.9, 0.76N-30.25E, h33km, mb4.6/15, Error ellipse: s-maj=16.3km s-min=8.4km az=97.5
ISC 13 04:09:01.9 ± 0.3, 0.78N-30.18E, 0.05, h20km, h20km, 8km; p-P, n116, e096/109, mb4.6/55, MS4.0/13, 2C-3D, Uganda

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Mbarara, Kilima Mbogo, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Keskin Array B, Valguarnera, etc.



Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Saint Martin d, Suwalki, Givet, Balfes, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Palo, Borongan, Maasin, Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes Sumbawa region stations like Rata, Kedondong, Port Moresby, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WBR2 Warramunga Arr, ASAR Alice Springs, ASPA Alice Springs, etc.

TUN 13 05:42:45.3, 36.61N, 8.63E, h14km, MD3.5
CSEM 13 05:42:46.0-1.1, 36.63N, 8.60E, h5km, ML3.0/1
LDG 13 05:42:51.8-0.6, 36.55N, 8.46E, h10km, MG3.0/3, Error ellipse: s-maj=12.0km s-min=7.7km az=142.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, BLAT Balthaz, KRIT Ghardimaou, etc.

LDG 13 06:14:12.0-0.9, 42.94N, 1.44W, h2km, Md2, 1/3, M2.0/1, Error ellipse: s-maj=15.9km s-min=8.5km az=52.0
MDD 13 06:14:13.1-0.5, 42.87N, 1.47W, mbLg1.2/7, 1.3C, Error ellipse: s-maj=4.1km s-min=2.4km az=37.0, PRXIMO Aftershock PLICA, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, SJPF Ste Jean, EALK Alkuruntz, etc.

MDD 13 06:41:46.5, 16.62N, 122.39E, h16km, mb3.9, ML2.7, MS2.3, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, PALP Palanan, CAUP Cauayan, etc.

LDG 13 07:17:11.6-1.1, 16.71N, 122.89E, mb3.7/5, mb1 4.0/6, mb1mx3.8/19, ML4.6/1, MS3.3/2, Ms1 3.3/2, ms1mx2.6/28, Error ellipse: s-maj=42.0km s-min=20.2km az=87.0
NEIC 13 07:17:13.2-0.7, 16.66N, 122.96E, h10km, mb3.9/2, Error ellipse: s-maj=28.8km s-min=14.5km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, CVP Callao Caves, BCPH Baguio City Da, etc.

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

DJA 13 07:17:36.6-1.0, 5.49S, 121.00E, h2km, MD4.6/3, ML4.0/3, SC-1D, Error ellipse: s-maj=26.3km s-min=22.4km az=49.0, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, NINI Niconang, NINI Buntau Taipa, etc.

IDC 13 07:20:18.8:56.0, 13.82S, 167.49E, mb3.9/3, mb1 4.1/3, mb1mx3.7/14, Error ellipse: s-maj=955.0km s-min=115.0km az=65.0, Vanuatu Islands

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

IDC 13 07:48:54.4:0.8, 15.94S, 174.11W, mb3.9/9, mb1 4.2/9, mb1mx4.1/15, Error ellipse: s-maj=38.3km s-min=18.7km az=134.0

NEIC 13 07:49:07.4:1.3, 16.04S, 174.19W, h105km, 12km, Error ellipse: s-maj=23.9km s-min=10.4km az=134.0

IDC 13 07:49:06.2:1.9, 16.05S, 174.2Z, 0.2, h108km, 19km, n10, 0.27/11, mb3.9/9, 1C, Tonga Islands

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

IDC 13 08:44:51.5:10.0, 9.58S, 160.24E, h77km, 93km, mb3.7/8, mb1 4.0/9, mb1mx3.9/15, ML4.0/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/16, Error ellipse: s-maj=40.2km s-min=25.7km az=95.0

NEIC 13 08:44:51.3:4.9, 9.62S, 160.27E, h75km, 45km, mb4.2/6, Error ellipse: s-maj=27.2km s-min=20.3km az=117.0

IDC 13 08:44:53.7:7.0, 9.7S, 0.2, 160.2E, 0.2, h110km, 63km, n18, 0.581/17, mb3.9/12, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, PMG Port Moresby, CTA Charters Tower, etc.

GUC 13 08:50:31.3:0.9, 34.21S, 72.08W, h31km, 21km, MD3.6, ML2.3, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, LNV Longovilo, SFDO San Fernando, etc.

IDC 13 08:50:33.7:0.7, 13.20N, 49.62E, mb4.2/20, mb1 4.3/21, mb1mx4.3/25, ML3.2/1, MS3.9/12, Ms1 3.9/12, ms1mx3.7/22, Error ellipse: s-maj=20.0km s-min=15.7km az=61.0

CSEM 13 08:50:33.0:1.1, 13.14N, 49.32E, h15km, mb4.9/2, Error ellipse: s-maj=4.5km s-min=3.2km az=176.0

NEIC 13 08:50:35.0:0.4, 13.17N, 49.64E, h10km, mb4.5/4, Error ellipse: s-maj=13.1km s-min=10.3km az=72.0

DHMR 13 08:50:35.6:1.2, 13.39N, 49.20E, h5km, 51km, ML4.3, Error ellipse: s-maj=32.8km s-min=13.05km, 0.749, 40E, 0.04, h15km, 12km, n62, 0.152/67, mb4.4/24, MS3.9/11, 4C-4D, Eastern Gulf

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, MUKL AI Mukalla, MUKL AI Mukalla, etc.

BDHA AI Bayda' 3.84 284/1 AML AML

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

IDC 13 09:11:20.1:0.3, 34.97N, 2.81W, h16km, 3km, MD2.8, Error ellipse: s-maj=6.8km s-min=6.6km az=92.0

CNRM 13 09:11:21.4, 34.86N, 2.87W, h6km, MD2.8, Error ellipse: s-maj=13.2km s-min=10.3km az=92.0

SFS 13 09:11:22.0, 35.04N, 3.15W, MG3.6(MDD), After MDD. Error ellipse: s-maj=11.2km s-min=8.3km az=159.0

MDD 13 09:11:23.1, 8.35, 07N, 3.18W, mb3.6/6, Error ellipse: s-maj=18.0km s-min=6.2km az=163.0, PRXIMO Aftershock PLICA

IDC 13 09:12:0.0, 9.348N, 0.04, 2.85W, 0.08, h10km, n20, 0.1941/31, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, ZAI Zaio, MELI Mellilla, etc.

IDC 13 09:11:20.1:0.3, 34.97N, 2.81W, h16km, 3km, MD2.8, Error ellipse: s-maj=6.8km s-min=6.6km az=92.0

CNRM 13 09:11:21.4, 34.86N, 2.87W, h6km, MD2.8, Error ellipse: s-maj=13.2km s-min=10.3km az=92.0

SFS 13 09:11:22.0, 35.04N, 3.15W, MG3.6(MDD), After MDD. Error ellipse: s-maj=11.2km s-min=8.3km az=159.0

MDD 13 09:11:23.1, 8.35, 07N, 3.18W, mb3.6/6, Error ellipse: s-maj=18.0km s-min=6.2km az=163.0, PRXIMO Aftershock PLICA

IDC 13 09:12:0.0, 9.348N, 0.04, 2.85W, 0.08, h10km, n20, 0.1941/31, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, ZAI Zaio, MELI Mellilla, etc.

IDC 13 09:11:20.1:0.3, 34.97N, 2.81W, h16km, 3km, MD2.8, Error ellipse: s-maj=6.8km s-min=6.6km az=92.0

CNRM 13 09:11:21.4, 34.86N, 2.87W, h6km, MD2.8, Error ellipse: s-maj=13.2km s-min=10.3km az=92.0

SFS 13 09:11:22.0, 35.04N, 3.15W, MG3.6(MDD), After MDD. Error ellipse: s-maj=11.2km s-min=8.3km az=159.0

MDD 13 09:11:23.1, 8.35, 07N, 3.18W, mb3.6/6, Error ellipse: s-maj=18.0km s-min=6.2km az=163.0, PRXIMO Aftershock PLICA

IDC 13 09:12:0.0, 9.348N, 0.04, 2.85W, 0.08, h10km, n20, 0.1941/31, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Code Station Name, ZAI Zaio, MELI Mellilla, etc.

IDC 13 09:11:20.1:0.3, 34.97N, 2.81W, h16km, 3km, MD2.8, Error ellipse: s-maj=6.8km s-min=6.6km az=92.0

CNRM 13 09:11:21.4, 34.86N, 2.87W, h6km, MD2.8, Error ellipse: s-maj=13.2km s-min=10.3km az=92.0

SFS 13 09:11:22.0, 35.04N, 3.15W, MG3.6(MDD), After MDD. Error ellipse: s-maj=11.2km s-min=8.3km az=159.0

MDD 13 09:11:23.1, 8.35, 07N, 3.18W, mb3.6/6, Error ellipse: s-maj=18.0km s-min=6.2km az=163.0, PRXIMO Aftershock PLICA



NEIC 13 10:33:30.4, 8.2, 20.175, 177.82W, h492km, 51km, mb4.2/7, Error ellipse: s-maj=30.3km s-min=16.5km az=52.0

IDC 13 10:33:40.1, 2.7, 20.165, 178.02W, h566km, 30km, mb3.5/9, mb1.3/7.0, mb1mx3.5/17, Error ellipse: s-maj=23.2km s-min=15.2km az=159.0

ISC 13 10:33:36.5, 2.4, 20.35, 1.0x178.1W, 0.1, h532km, 28km, n29, c095/24, mb4.0/13, 2C-1D, Fiji Islands region

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

SKHL 13 11:09:08.6, 2.9, 49.14N, 156.42E, h60km, 22km, mb5.0/2, Ms4.6/1

KRSC 13 11:09:11.1, 1.1, 49.03N, 156.10E, h40km, 10km, ML5.4

NEIC 13 11:09:12.7, 0.3, 49.15N, 155.60E, mb4.8/39, Error ellipse: s-maj=8.0km s-min=4.2km az=181.0

BUI 13 11:09:12.6, 49.91N, 156.01E, h68km, mb4.8, mb4.5, Ms4.3, Ms2.4

IDC 13 11:09:13.3, 0.6, 49.09N, 155.67E, h45km, 5km, mb3.9/21, mb1.4/2.23, mb1mx4.1/30, ML4.3/2, MS3.9/13, Ms1.3/9.3, ms1mx3.6/27, Error ellipse: s-maj=18.3km s-min=11.1km az=145.0

MOS 13 11:09:14.2, 0.8, 49.39N, 155.76E, h61km, mb5.1/26, Ms4.1/7, Error ellipse: s-maj=11.8km s-min=5.2km az=86.1

ISC 13 11:09:13.2, 0.6, 49.28N, 0.04, 155.71E, 0.05, h57km, 4km, h43km, 8km, pP-P, n215, c115/250, mb4.5/63, MS3.9/16, 5D, Kuril Islands

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

Main table with columns: TUMR, TUMROK, KURIL'SK, etc. Lists seismic events with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Main table with columns: HIA, HAILER, TIXI, TIKSI, etc. Lists seismic events with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: ANMO, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Albuquerque, Schefferville, Malin Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Montbardon, La Foret Royal, La Moure, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Boso 1, Mitsune, Miyakejima, etc.











ORIF	Oris-en-Rattie	14.71	49	ePn	P	14 19 38.4 +0.7
ORIF	comp=E,77nm,0.8s			eSn	S	14 22 10.4 -1.0
ORIF	comp=E,1µm,20.9s			eR		
GRN	Grenoble	14.80	48	P	P	14 19 39.4 +0.6
CALN	Calern	14.82	55	P	P	14 19 39.8 +0.7
CALF	Calern	14.84	55	P	P	14 19 39.8 +0.4
GDM	Grand Maison	15.00	49	P	P	14 19 42.7 +1.3
MWF	Mont Vial	15.05	55	P	P	14 19 42.7 +0.6
SURF	Saint Ours	15.09	52	P	P	14 19 42.9 +1.6
TOUF	Revere	15.13	55	P	P	14 19 45.3 +2.1
REVU	Mont Tournerai	15.17	54	P	P	14 19 44.4 +0.8
HTL	Hartland	15.17	13	P	P	14 19 45.0 +1.4
MBDF	Montbardon	15.17	51	ePn	S	14 19 44.7 +1.0
MBDF	comp=E,42nm,0.7s			eSn	S	14 22 22.2 -9.0
SBF	Sospel	15.23	55	ePn	P	14 19 45.1 +0.7
SBF	comp=E,105nm,0.8s			eSn	S	14 22 23.4 -9.0
BNI	Bardonecchia	15.27	50	ePn	P	14 19 46.0 +1.0
BNI	comp=E,74nm,0.8s			eSn	S	
BNI	Bardonecchia	15.27	50	ePn	P	14 19 46.0 +1.1
BNI	comp=E,10µm,0.8s			eSn	S	
RUTL	Cesana Torines	15.27	51	P	P	14 19 46.2 +1.2
AUTN	A. Aullin	15.28	55	P	P	14 19 45.9 +0.9
PZZ	Prazzo	15.28	52	P	P	14 19 46.9 +1.8
PZZ	Prazzo	15.28	52	P	P	14 19 46.8 +1.7
STV	Sta Anna Valdi	15.31	54	P	P	14 19 46.2 +0.7
STV2	Anna di Valdie	15.31	54	P	P	14 19 46.2 +0.7
STV2	Anna di Valdie	15.31	54	P	P	14 19 46.2 +0.7
SAOF	Saorge	15.36	55	P	P	14 19 46.9 +0.8
ENR	Entracque	15.37	54	P	P	14 19 46.9 +0.7
DOI	San Damiano	15.38	53	eP	P	14 19 48.2 +1.9
NEGI	Negi	15.40	55	P	P	14 19 46.4 -0.2
NEGI	Negi	15.40	55	P	P	14 19 46.4 -0.2
FENestrelle	Fenestrelle	15.40	51	P	P	14 19 46.4 -0.2
FENestrelle	Fenestrelle	15.40	51	P	P	14 19 50.0 +2.1
MONe	Monesi	15.53	55	P	P	14 19 49.1 +0.9
VSL	Villasalto	15.53	72	eP	P	14 19 50.0 +1.7
VSL	comp=E,14nm,0.6s			eP	P	
VSL	Villasalto	15.53	72	eP	P	14 19 50.0 +1.7
VSL	comp=E,14nm,0.6s			eP	P	
LPL	La Plagne	15.54	49	ePn	S	14 19 50.4 +2.1
LPL	La Plagne	15.54	49	ePn	S	14 22 31.1 -8.5
LPG	comp=E,65nm,0.9s			ePn	S	
LBH	La Plagne	15.54	49	ePn	S	14 19 50.4 +2.0
LPG	La Plagne	15.54	49	ePn	S	14 22 31.4 -8.2
BHB	Bricherasio	15.54	52	P	P	14 19 49.9 +1.5
BHB	Bricherasio	15.54	52	P	P	14 19 49.9 +1.5
IMP	Imperia	15.55	55	eP	P	14 19 49.9 +1.4
IMI	Imperia	15.55	55	eP	P	14 19 49.9 +1.4
RSP	Reno Superiore	15.68	50	P	P	14 19 52.7 +2.5
ROB	Roburent	15.69	54	P	P	14 19 52.3 +1.9
CABF	La Chapellet	15.75	44	ePn	S	14 19 51.4 +0.3
CABF	comp=E,149nm,0.8s			eSn	S	14 22 35.1 -9.5
LSD	Ceresole Reale	15.76	49	P	P	14 19 54.0 +2.7
PGF	Pioggia	15.85	61	ePn	P	14 19 53.9 +1.5
PGF	comp=E,20nm,0.5s			eSn	S	14 22 38.2 -8.6
PGF	Pioggia	15.85	61	ePn	S	14 22 38.2 -8.6
PGF	comp=E,9.8nm,0.5s			eSn	S	
FIN	Finale Ligure	15.88	55	eP	P	14 19 54.3 +1.5
EMV	Vieux Emosson	15.92	47	eP	P	14 19 54.8 +1.5
HGH	Gray Hill	16.12	55	eP	P	14 19 55.6 +0.3
TRAV	Trav	16.15	50	P	P	14 19 59.1 +2.8
TRAV	Trav	16.15	50	P	P	14 19 59.1 +2.8
SFTF	Sextfontaines	16.18	38	ePn	S	14 19 55.7 -0.9
SFTF	Sextfontaines	16.18	38	ePn	S	14 22 44.3 -1.0
DIX	comp=E,71nm,0.5s			eP	P	
DIX	Grande Dixence	16.23	48	eP	P	14 20 00.0 +2.8
PCC	Pian Castagno	16.23	54	P	P	14 19 58.9 +1.6
ORP	Oropa	16.35	50	eP	P	14 20 01.9 +3.1
ORX	Oropa	16.36	50	P	P	14 20 01.6 +2.8
MEZF	Matzieres J'vi	16.39	37	ePn	S	14 20 00.3 +1.1
MEZF	comp=E,76nm,0.5s			eSn	S	14 22 48.6 -1.1
MCH1	Michaelchoug	16.42	15	eP	P	14 20 00.2 +0.6
HTR	Treuren Hill	16.44	15	eP	P	14 20 00.9 +1.1
LKBD	Leukerbad	16.52	47	eP	P	14 20 03.4 +2.6
MCGN	Macugnaga	16.52	49	eP	P	14 20 04.6 +3.8
MCGN	Macugnaga	16.52	49	eP	P	14 20 04.6 +3.8
MMK	Mattmark	16.55	49	eP	P	14 20 04.5 +3.3
TSA1	Sevenoaks	16.56	23	eP	P	14 20 02.8 +1.5
LOMF	Lomont	16.59	43	P	P	14 20 00.3 -1.5
THEF	They Montfort	16.68	40	P	P	14 20 02.4 -0.4
RYFY	Reffroy	16.68	38	ePn	S	14 20 02.2 -0.2
RYFY	Reffroy	16.68	38	ePn	S	14 22 55.7 -1.0
HAU	comp=E,101nm,0.6s			ePn	S	
HAU	Haudompre	16.73	41	ePn	S	14 20 02.7 -0.8
HAU	Haudompre	16.73	41	ePn	S	14 22 57.0 -1.0
HAU	comp=E,43nm,0.6s			eR		
SSP1	Stoney Pound	16.79	14	eP	P	14 20 06.0 +1.7
HINF	Hinterfeld	16.88	42	ePn	S	14 20 04.6 -0.8
HINF	Hinterfeld	16.88	42	ePn	S	14 23 01.6 -9.1
BOB	Bobbio (Coli)	16.91	54	eP	P	14 20 09.9 +4.1
HLM1	Long Mynd	16.93	15	eP	P	14 20 07.0 +1.0
VAI	Vares	16.95	50	eP	P	14 20 10.7 +4.6
BBS	Basel-Blauen	17.04	44	P	P	14 20 08.9 +1.6
BBS	Basel-Blauen	17.04	44	P	P	14 20 11.1 +3.8
CODM	Codm	17.04	56	P	P	14 20 09.2 +1.9
CODM	Codm	17.04	56	P	P	14 20 09.2 +1.8
MOF	Moikenrain	17.05	42	P	P	14 20 07.1 -0.5
VRE	Vr Effi	17.09	11	eP	P	14 20 10.2 +2.2
DSB	Dublin	17.10	7	eP	P	14 20 10.0 +1.9
DSB	comp=E,39nm,0.8s			eP	P	
BAIF	Baives	17.11	32	ePn	S	14 20 09.0 +0.8
BAIF	Baives	17.11	32	ePn	S	14 23 07.0 -8.9
BAIF	comp=E,80nm,0.7s			eSn	S	
BAIF	Baives	17.11	32	eSn	S	14 23 07.0 -8.9
DCN	Croghan	17.12	5	eP	S	14 20 10.1 +1.7
DCN	Croghan	17.12	5	eP	S	14 22 56.7 -1.9
DLF	Lyons Farm	17.14	7	eP	S	14 20 09.7 +1.1
DLF	Lyons Farm	17.14	7	eP	S	14 22 53.2 -2.3
BACM	Bacm	17.14	56	P	P	14 20 10.9 +2.1
CHC	Chic	17.14	56	P	P	14 20 10.9 +2.2
VINC	Vinca	17.15	57	P	P	14 20 10.9 +2.1
VINC	Vinca	17.15	57	P	P	14 20 10.9 +2.1
VINC	Vinca	17.15	57	P	P	14 20 10.9 +2.1
GRAM	Gram	17.22	56	P	P	14 20 12.3 +2.6
GRAM	Gram	17.22	56	P	P	14 20 12.3 +2.7
ECH	Echery	17.28	57	P	P	14 20 10.2 +0.3
VALM	Valm	17.29	56	P	P	14 20 12.8 +2.3
VALM	Valm	17.29	56	P	P	14 20 12.8 +2.3
YLL	Llanberis	17.29	121	eP	P	14 20 13.2 +2.7
DOU	Dourbes	17.30	33	P	P	14 20 11.6 +0.9
MAIM	Maim	17.30	58	P	P	14 20 12.1 +1.4
SARO	Sassarosso	17.33	57	P	P	14 20 13.4 +2.3
SARO	Sassarosso	17.33	57	P	P	14 20 13.4 +2.3
SARO	Sassarosso	17.33	57	P	P	14 20 13.4 +2.3
HRC	Rhoscolyn	17.33	11	eP	P	14 20 11.0 -0.1
GIVF	Givet	17.41	33	ePn	S	14 22 19.9 +0.5
GIVF	Givet	17.41	33	ePn	S	14 23 14.1 -8.7
GIVF	comp=E,89nm,0.5s			eSn	S	
GIVF	Givet	17.41	33	eSn	S	14 23 14.1 -8.7
GRFL	Gerfalco	17.41	61	eP	P	14 20 15.7 +3.7
GRFL	Gerfalco	17.41	61	eP	P	14 20 15.7 +3.6
SULZ	Sulz-Cheisache	17.41	47	eP	P	14 20 14.4 +2.3
MUJ	Muothal	17.41	47	eP	P	14 20 14.9 +2.8
ERBM	Erbem	17.42	56	P	P	14 20 17.3 +5.0
BDI	Bagni Di Lucca	17.42	57	eP	P	14 20 13.6 +1.3
WPM1	Penmaenawr	17.45	121	eP	P	14 20 14.7 +2.2
WCB1	Church Bay	17.46	111	eP	P	14 20 15.1 +2.4
WCB1	Church Bay	17.46	111	eP	P	14 20 13.6 +0.9
WCB1	Champ du Feu	17.47	41	ePn	S	14 23 12.8 -1.1
WLS	Welschbruch	17.51	41	P	P	14 20 13.7 +0.4
GSCU	Gosciola	17.52	56	P	P	14 20 17.1 +3.7
WME	Myndd Eilian	17.52	11	eP	P	14 20 16.6 +3.3
FELD	Feldberg	17.54	431	eP	P	14 20 15.3 +1.6
FELD	Feldberg	17.54	431	eP	P	14 20 14.9 +1.2
TUE	Stuetta	17.59	49	P	P	14 20 18.1 +3.8

DMUB	Kingscourt	17.70	6	eP	P	14 20 16.0 +0.4
DMUB	comp=E,26nm,1.0s			eS	S	14 23 11.0 -1.8
WLF	Walferdange	17.71	36	eP	P	14 20 16.5 +0.7
WLF	comp=E,131nm,0.6s			ePmax	Pmax	
WLF	Walferdange	17.71	36	eP	P	14 20 16.5 +0.7
WLF	comp=E,131nm,0.6s			eP	P	
CSNT	Castellina Chi	17.72	60	eP	P	14 20 19.7 +3.7
CSNT	Castellina Chi	17.72	60	eP	P	14 20 19.7 +3.7
UCC	Uccle	17.73	31	P	P	14 20 17.4 +1.4
SLE	Schleitheim	17.76	44	eP	P	14 20 18.1 +1.7
ZCCA	Zocca	17.78	57	eP	P	14 20 22.0 +5.4
BFO	Black Forest	17.98	42	eP	P	14 20 20.4 +1.2
BFO	comp=E,40nm,1.1s			eP	P	
BFO	Black Forest	17.98	42	eP	P	14 20 20.4 +1.2
BFO	comp=E,40nm,1.1s			eP	P	
VMG	Davos	18.06	58	P	P	14 20 22.0 +2.1
DAVOX	Davos	18.06	49	P	P	14 20 21.6 +1.4
DAVOX	comp=E,0.5nm,0.3s,baz=250,slow=11,SNR=15			S	S	14 23 37.7 +0.1
DAVOX	comp=E,0.4nm,0.3s,baz=72,slow=11,SNR=4.2			S	S	
SPAK	Spaichingen	18.11	441	eP	P	14 20 22.8 +2.0
SPAK	Spaichingen	18.11	441	eP	P	

Table with columns for station call letters, frequency, and other identifiers. Includes stations like HFS Hagfors, HFS Suwalki, BORG Borgarnes, DBIC Dimbokro, FINES Fines Array B, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like SSSA Standing Stone, MBAR Mbarara, MCWV Mont Chateau, ACSS Alum Creek Sta, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like PHWY Pilot Hill, GCMT Greycliff, AMTX Amarillo, ISCO Idaho Springs, etc.







Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like Columbia Colle, San Andreas Ge, and various local news and community stations.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like Redoubt South, Honolulua, and various regional and national news stations.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like ODD1, BLS5, and various international and specialty stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BHB Bricherasio, CALN Calern, KTK1 Kautokeino, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRG Berggiesshubel, GEC2 GERESS Array S, GERES GERESS Array B, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WAR WAR, OJC OJCow, VSU Vasula, etc.

Table with columns: STKA, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like Khaybar, Ulanbaatar, Songjiao Array, etc.

Table with columns: STKA, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like Stephens Creek, Wuhuan, Sundarnagar, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like La Fuente, Las Brisas, La Ceiba, etc.



325

ZAK	Zakamensk	26.78 322	iP	P	17 32 41.4	-1.1
TLY	Talaya	27.35 324	eS	P	17 32 47.5	-0.2
TLY			eS	P	17 37 24.3	0.0
TLY	comp=Z,17nm,1.3s,mb4.4		pmx	pmx		
TLY			MLR	MLR		
TLY	comp=Z,17nm,1.3s,mb4.4					
TLY	Talaya	27.35 324	eP	P	17 32 46.6	-1.0
IRK	Irkutsk	27.39 326	eP	P	17 32 46.0	-2.0
BOD	Bodaibo	28.07 343	eP	P	17 32 55.1	+1.0
MOY	Mondy	28.70 322	eP	P	17 33 07.0	+7.1
NANT	Nan	28.77 250	eP	P	17 33 32.4	+1.9
CHG	Chiang Mai	30.18 252	iP	P	17 33 14.7	+0.8
YAK	Yakutsk	30.27 0	iP	P		
YAK			pmx	pmx		
YAK	comp=Z,15nm,1.4s,mb4.5					
YAK			MLR	MLR		
YAK	comp=Z,17nm,14.0s,MS4.7					
YAK	Yakutsk	30.27 0	P	P	17 33 11.9	-1.9
YAK	comp=Z,15nm,0.8s,mb4.6					
YAK			LR	LR		
YAK	comp=Z,24nm,19.0s,MS4.4					
CM31	Chiang Mai Arr	30.36 251	P	P	17 33 14.1	-1.0
CMAR	Chiang Mai Arr	30.36 251	P	P	17 33 15.2	+0.1
CMAR	comp=Z,4.5nm,1.0s,mb4.2,baz=48,slow=6.6,SNR=17					
CMAR	comp=Z,919nm,18.4s,MS4.5,baz=35,slow=38					
MA2	Magadan	31.32 21	eS	P	17 33 22.7	-0.4
MA2			eS	P	17 38 31.8	+4.4
MA2	comp=Z,30nm,1.5s,mb4.9					
MA2			MLR	MLR		
MA2	comp=Z,21nm,28.0s,MS4.5					
LSA	Lhasa	32.71 276	P	P	17 33 40.8	+5.3
SHL	Shilong	33.25 269	eP	P	17 33 39.6	+3.0
SEY	Seymchan	34.49 19	eP	P	17 35 09.0	
SEY			eS	S	17 36 28.0	
SEY			eS	S	17 39 25.9	+9.3
SEY	comp=N,30nm,1.1s					
SEY			pmx	pmx		
SEY	comp=Z,90nm,1.1s,mb5.6					
SEY			pmx	pmx		
SEY	comp=E,40nm,1.2s					
SEY			smx			
SEY	comp=N,21nm,23.9s					
SEY			smx			
SEY	comp=E,11m,26.8s					
SEY			MLR	MLR		
SEY	comp=E,21m,15.0s,MS5.1					
SEY			MLR	MLR		
SEY	comp=Z,31m,15.0s,MS5.2					
SEY			MLR	MLR		
WMQ	Urumqi	34.63 302	P	P	17 33 51.3	-0.7
WMQ			AP	P	17 33 55.6	-3.8
WMQ			PP	P	17 35 07.8	-1.1
WMQ			PPP	P	17 35 25.8	-1.1
WMQ			eS	S	17 39 19.3	+0.3
WMQ	comp=Z,13nm,1.3s,mb4.7					
WMQ			AMB	AMB		
WMQ	comp=Z,105nm,10.0s					
WMQ			LR	LR		
WMQ	comp=N,31m,18.6s,MS5.1					
WMQ			LR	LR		
WMQ	comp=E,11m,19.4s,MS5.1					
WMQ			LR	LR		
WMQ	comp=Z,11m,18.6s,MS4.7					
GUN	Gumba	37.64 276	eP	P	17 34 18.0	+0.4
FX1	Attu Island-F	37.94 43	LR	LR	17 50 50.0	
KSH	Pulchok	38.13 275	eP	P	17 34 21.8	0.0
PKI	Pulchok	38.13 275	eP	P	17 34 21.8	0.0
KKN	Kakani	38.18 276	eP	P	17 34 22.2	0.0
DMN	Damang	38.38 275	eP	P	17 34 23.9	0.0
ZAL	Zalesovo	38.55 318	P	P	17 34 24.1	-0.9
GKN	Gorkha	38.66 276	eP	P	17 34 26.1	-0.2
KOLN	Koldanda	39.61 276	eP	P	17 34 33.9	-0.2
PTH	Pithoragarh	41.96 280	eP	P	17 34 55.0	+1.6
KSH	Kashi	43.45 296	eP	P	17 35 05.5	+0.1
KSH			eAP	P	17 35 10.1	-2.8
KSH			eXP	S	17 35 12.5	-3.5
KSH			ePP	P	17 36 48.3	-0.2
KSH			ePCP	P	17 36 55.3	+1.3
KSH			ePPP	P	17 37 23.6	-1.0
KSH			eCPC	P	17 40 43.4	
KSH			ePCS	P	17 40 46.3	
KSH			AMB	AMB		
KSH	comp=Z,130nm,4.8s					
DDI	Dehra Dun	43.55 282	eP	P	17 35 09.8	+3.4
FRU	Bishkek	44.15 301	eP	P	17 35 12.0	+0.9
FRU					17 35 17.0	
FRU			pmx	pmx		
AAK	Ala-Archa	44.25 300	eP	P	17 35 10.8	-1.1
AAK			pmx	pmx		
AAK	comp=Z,90nm,1.1s,mb4.4					
AAK			MLR	MLR		
AAK	comp=Z,215nm,19.0s,MS4.1					
AAK	Ala-Archa	44.25 300	eP	P	17 35 10.8	-1.1
AAK	comp=Z,8.6nm,1.1s,mb4.4					
AAK			LR	LR		
NDI	New Delhi	44.72 280	eP	P	17 35 19.0	+3.1
NDI					17 48 30.0	
THU	Thein Dam	44.95 286	eP	P	17 35 14.9	-2.8
CHKZ	Chkalovo	46.77 316	eP	P	17 35 30.8	-1.0
CHKZ			pmx	pmx		
CHKZ			pmx	pmx		
CHKZ	comp=Z,10.0nm,1.1s,mb4.7					
CHKZ	Chkalovo	46.77 316	eP	P	17 35 30.8	-1.0
BRVK	Borovoye	46.94 315	eP	P	17 35 31.9	-1.2
BRVK			pmx	pmx		
BRVK	comp=Z,12nm,0.9s,mb4.8					
BRVK	Borovoye	46.94 315	eP	P	17 35 31.9	-1.2
TNA	Tin City	50.33 29	eP	P	17 35 57.4	-1.9
WRAB	Tennant Creek	51.64 174	eP	P	17 36 09.3	-0.4
WRA	Warramunga Arr	51.65 174	P	P	17 36 08.2	-1.7
WRA	comp=Z,2.7nm,0.9s,mb4.2,baz=352,slow=8.0,SNR=10					
WB2	Warramunga Arr	51.65 174	eP	P	17 36 08.1	-1.7
SVE	Sverdlovsk	52.50 320	eP	P	17 36 14.5	-1.4
SVE					17 36 18.0	
ARU	Arti	53.69 319	iP	P	17 36 23.2	+1.3
ARU					17 37 24.2	
ARU			eS	S	17 38 25.2	
ARU			eS	S	17 44 02.3	+7.0
ARU			pmx	pmx		
ARU	comp=Z,29nm,1.2s,mb5.1					
ARU			MLR	MLR		
ARU	comp=N,200nm,17.0s,MS5.1					
ARU			MLR	MLR		
ARU	comp=E,21m,17.0s,MS5.1					
ARU			MLR	MLR		
ARU	comp=Z,21m,17.0s,MS5.2					
ARU	Arti	53.69 319	eP	P	17 36 23.0	-1.5
ARU	comp=Z,22nm,1.0s,mb5.0					
ARU			LR	LR		
CTA	Charters Tower	54.08 160	eP	P	17 36 27.2	-0.7
CTA	comp=Z,11nm,1.0s,mb4.9					
CTA	Charters Tower	54.08 160	eP	P	17 36 27.2	-0.7
CTA			pmx	pmx		
CTA	comp=Z,8.0nm,1.0s					
CTAO	Charters Tower	54.08 160	eP	P	17 36 26.5	-1.4
CTAO			pmx	pmx		
CTAO	comp=Z,8.0nm,0.9s,mb4.7					
CTAO			MLR	MLR		
CTAO	comp=Z,374nm,20.0s,MS4.5					
CTAO	Charters Tower	54.08 160	eP	P	17 36 26.5	-1.4
CTAO	comp=Z,6.2nm,0.9s,mb4.8					
CTAO			LR	LR		
CTAO	comp=Z,374nm,20.0s,MS4.5					

2004 DEC

SOKR	Sokolikams	54.43 323	eP	P	17 36 31.4	+1.5
SOKR			pmx	pmx		
SOKR	comp=Z,10.0nm,0.9s,mb4.8					
SOKR			MLR	MLR		
ASAR	Allice Springs	55.0 175	P	P	17 36 35.5	-1.4
ASAR	comp=Z,1.3nm,0.8s,mb4.0,baz=357,slow=6.0,SNR=21				18 01 06.2	
ASPA	Allice Springs	55.0 175	eP	P	17 36 36.2	-0.6
IMA	Indian Mountain	56.21 29	eP	P	17 36 42.5	-0.3
IMA	comp=Z,4.5nm,1.1s,mb5.4					
IMO	Indian Mountain	56.21 29	eP	P	17 36 42.5	-0.3
IMO	comp=Z,4.5nm,1.1s,mb5.4					
RSA	Redoubt South	57.12 35	eP	P	17 36 49.1	-0.3
MCK	McKinley	58.45 31	eP	P	17 36 57.0	-1.6
MCK			pmx	pmx		
MCK	comp=Z,11nm,1.3s,mb4.7					
MCK	McKinley	58.45 31	eP	P	17 36 57.0	-1.6
MCK	comp=Z,11nm,1.3s,mb4.7					
COLA	College	58.75 30	eP	P	17 36 59.9	-0.8
COLA			pmx	pmx		
COLA	comp=Z,17nm,1.4s,mb4.9					
COLA			MLR	MLR		
COLA	comp=Z,405nm,22.0s,MS4.5					
COLA	College	58.75 30	eP	P	17 36 59.9	-0.8
COLA	comp=Z,17nm,1.4s,mb4.9					
COLA			LR	LR		
ILAR	Eielson Array	59.17 30	P	P	17 37 02.1	-1.5
ILAR	comp=Z,4.05nm,22.0s,MS4.5					
ILAR			LR	LR		
ILAR	comp=Z,276nm,19.8s,MS4.4,baz=45,slow=36					
ILAR			LR	LR		
ILAR	comp=Z,1.5nm,0.7s,mb4.1,baz=277,slow=7.5,SNR=16				18 02 48.3	
INK	Inuvik	63.48 24	P	P	17 37 31.1	-1.5
INK	comp=Z,2.0nm,0.8s,mb4.3,baz=236,slow=3.4,SNR=6.6					
INK			LR	LR		
INK	comp=Z,5.61nm,19.0s,MS4.8,baz=285,slow=38				18 04 53.9	
STKA	Stephens Creek	64.37 168	eP	P	17 37 38.1	-0.9
STKA	comp=Z,5.8nm,0.9s,mb4.6					
STKA	Stephens Creek	64.37 168	eP	P	17 37 38.5	-0.5
STKA	comp=Z,6.8nm,1.2s,mb4.5,baz=315,slow=8.7,SNR=3.5					
STKA			LR	LR		
STKA	comp=Z,218nm,20.6s,MS4.3,baz=266,slow=35				18 04 09.9	
KEV	Kevo	64.64 338	eP	P	17 37 37.3	-2.8
KEV	comp=Z,5.0nm,0.7s,mb4.7					
KEV	Kevo	64.64 338	eP	P	17 37 37.3	-2.8
KEV	comp=Z,5					





Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like CHKZ Chkalovo, GUN Gumba, NVS Novosibirsk, etc.

IDC 13 18:38:42.8, 3.3, 42.33N-145.58E, mb3.77, mb1 3.8/8, mb1mx3.6/22, ML3.6/1, Error ellipse: s-maj=77.9km, s-min=24.5km az=1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JNK Nakash, etc.

AUST 13 18:48:30.9, 32.32S-138.48E, h10km, ML3.2, IDC 13 18:48:31.7, 6.3, 32.10S-138.33E, mb1 3.5/3, mb1mx3.5/10, ML3.2/3, Error ellipse: s-maj=102.0km, s-min=19.7km az=18.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

BUI 13 18:52:04.1, 2.86N-99.24E, h180km, mb4.9, mb4.6, IDC 13 18:52:06.0, 0.7, 2.91N-98.76E, h175km, mb3.9/15, mb1 3.9/16, mb1mx3.9/21, Error ellipse: s-maj=24.6km, s-min=8.9km az=53.0

NEIC 13 18:52:06.2, 0.4, 2.94N-98.85E, mb4.4/13, Error ellipse: s-maj=14.9km s-min=6.5km az=59.0

ISC 13 18:52:04.5, 0.5, 2.94N-98.85E, 0.09, h176km, h176km, 0.6km, pP, n49, 0.95/51, mb4.2/29, 1C, Northern Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like SNG Songkhla, NNT Nongplai, UBT Ubonchathani, etc.

NEIC 13 18:56:33.8, 3.1, 20S-68.33W, h36km, ML3.6(GUC), After GUC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

NEIC 13 18:56:33.8, 0.7, 31.20S-68.33W, h36km, ML3.6, 4C-2D, San Juan Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like CMCH Combarbala, CMCH Combarbala, CMCH Combarbala, etc.

CASC 13 19:03:41.8, 1.8, 13.11N-90.56W, h11km, 14km, MD4.4, 17B, NEIC

NEIC 13 19:03:48.0, 1.4, 13.21N-90.25W, h54km, 14km, mb3.8/3, Error ellipse: s-maj=30.2km s-min=11.1km az=214.0

ISC 13 19:03:44.1, 1.0, 12.99N-90.56W, 0.05, h37km, 12km, n41, 1.19/29, mb3.8/5, MS3.0/2, 6C-4D, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like SBLS San Blas, RTR El Retiro, RBDL Robledal, etc.

BUI 13 19:22:56.3, 8.70S-122.10E, h60km, mb5.2, mb4.9, IDC 13 19:23:00.4, 2.9, 8.40S-121.35E, h49km, 27km, mb4.2/10, mb1 4.3/12, mb1mx4.2/19, ML4.5/2, MS3.6/6, Ms1 3.5/6, ms1mx3.3/17, Error ellipse: s-maj=33.8km s-min=12.9km az=69.0

NEIC 13 19:23:00.1, 0.6, 8.40S-121.35E, h42km, 6km, mb4.5/11, Error ellipse: s-maj=7.8km s-min=4.9km az=65.0

NEIC Felt (III) at Ende and (II) at Maumere, DJA 13 19:23:01.3, 0.3, 8.34S-121.18E, h60km, 17km, mb4.8/1, ML5.2/4, Error ellipse: s-maj=9.3km s-min=7.2km az=64.0

ISC 13 19:22:57.0, 0.8, 8.42S-104.02, 121.47E, 0.05, h33km, 9km, n52, 1.19/53, mb4.5/23, MS3.5/9, Flores region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC. Includes stations like KUG Kupang, NINI Niconicang, BUNI Buntu Taipa, etc.

ISC 13 19:22:57.0, 0.8, 8.42S-104.02, 121.47E, 0.05, h33km, 9km, n52, 1.19/53, mb4.5/23, MS3.5/9, Flores region



Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Polygyros, Paliouri, Kendrikon, Sokhos, Puka, Ouranopolis, Serran, Oriolo Calabro, etc.

NEIC 13 21:06:53.2, 37.31N, 13.32W, MG3.7(MDD), After MDD. MDD 13 21:06:53.2, 37.31N, 13.30W, mb3.7/6, Error ellipse: s-maj=27.5km s-min=23.5km az=73.0, PRXIMO

CSEM 13 21:06:54.9, 0.7, 36.95N, 13.18W, h2km, ML2.9/6, Error ellipse: s-maj=15.6km s-min=10.8km az=63.0

INMG 13 21:06:55.0, 7.36, 37.43N, 13.18W, h10km, ML2.3, Error ellipse: s-maj=10.3km s-min=6.1km az=108.0

ISC 13 21:06:55.2, 1.8, 37.43N, 0.07, 13.0W, 0.1, h10km, n24, r=103/34, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Loures, Sao Teotonio, Beja, Badajoz, EMIN, PVIS, ESPR, ELOB, EADAM, EINC, ESDC, etc.

IDC 13 21:10:47.8, 1.3, 34.00N, 138.35E, mb3.5/4, m1 3.7/4, Warramunge Arr 53.94 183 P P 21 12 07.1 +0.6

JMA 13 21:11:22.0, 3.3, 34.29N, 137.14E, h354km, 4km, M3.2

ISC 13 21:11:22.4, 0.7, 34.2N, 0.1, 137.2E, 0.1, h348km, 7km, n18, r=0558/24, mb3.0/4, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Atsumi, Ise, Kouya, Kozaga, Miyama, Wachi, Odawara 2, Kaga, Ryogami, JRG, Aioi, Matsushiro, Monobe, Saijyo, Songino Array, Warramunge Arr, Alice Springs, Yellowknife Arr, etc.

LDG 13 21:11:37.1, 0.1, 43.06N, 0.21W, h12km, Md1.5/3, M1.4/1, Error ellipse: s-maj=2.5km s-min=0.9km az=178.0

STR 13 21:11:36.5, 0.1, 43.05N, 0.21W, h10km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, Pyrenees

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Montagne du Re, Labassere, Viey, Etsaut, Esparrros, Ste Jean, Montolio, etc.

MTLF 0.4nm, 0.2s ePg Pg 21 12 10.1 -2.4 eSg Sg 21 12 34.1 -2.4

NDI 13 21:11:43.7, 7.4, 23.58N, 70.09E, h5km, MD4.5, ML4.1, 1D, Southern India

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Bhuj, Bhavnagar, Jaisalmer, Ajmer, Bombay, Poona, Khetri, Karad, Kuntal, Rohtak, Agra, Bahadurgarh, Aya Nagar, New Delhi, KKR, Goa, Bhakra, Dehra Dun, Simla, Sundarnagar, Hyderabad, Thein Dam, Lohaghat, Pithoragarh, Koldanda, Gorkha, Daman, Kankani, Pulchoki, Gumba, etc.

NEIC 13 21:35:41.4, 16.90N, 100.15W, h16km, MD3.6(MEX), After MEX.

MEX 13 21:35:41.2, 0.5, 16.88N, 100.16W, h15km, 3km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cayaco, Acapulco, Zihuatanejo, Platanillo, Popocatepetl, etc.

KRSC 13 22:01:04.2, 2.9, 49.82N, 154.92E, h170km, 6km, ML4.1

IDC 13 22:01:06.9, 3.3, 50.31N, 153.74E, h244km, 31km, mb3.3/4, m1 3.6/6, mb1mx3.1/23, Error ellipse: s-maj=31.2km s-min=23.0km az=114.0

ISC 13 22:01:03.0, 0.7, 50.36N, 0.09, 154.0E, 0.1, h230km, 8km, n24, r=1945/40, mb3.5/4, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Alaid, Severo-Kuril's, Apacha, Grelly, Russkaya, Koryaka, Ganaly, Avacha, Uglova, Sedlovina, Nalytchevo, Mys Shipunski, Zelenaya, Loginova, Tsirik, Krot, Ashikhawa, Atsai, etc.

FX1 2.0nm, 0.3s, baz=250, slow=20, SNR=6.6

FX1 4.2nm, 0.9s, baz=238, slow=20, SNR=7.1

FINES FINES Array B 61.03 334 P 22 10 53.5 -0.6

WRM Warramunge Arr 72.12 199 P 22 12 03.7 -0.8

ASAR Alice Springs 75.82 199 P 22 12 25.9 +0.2

MDD 13 22:10:12.7, 0.4, 36.52N, 3.27E, mb4.4/4, Error ellipse: s-maj=5.3km s-min=3.8km az=73.0, PRXIMO

NEIC 13 22:10:15.7, 36.69N, 3.18E, MG4.4(MDD), After MDD.

LDG 13 22:10:16.1, 0.4, 36.62N, 3.41E, h10km, M3.0/9, Error

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

ellipose: s-maj=8.0km s-min=4.4km az=168.0

CSEM 13 22:10:14.1, 0.1, 36.57N, 3.22E, ML3.3/4, Error ellipse: s-maj=3.3km s-min=2.1km az=6.0, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Alger-Bouzarea, Sumerelles, Djebel Mchouad, Djebel Djouab, Djebel Ketaf, Akfadou, Beni Rached, Ech Chief, Ech Chief, Setif, Ain N'Shour, Kef el Ahmar, Tiaret, Djebel Bou Aff, Merouana, Ain Smara, Kef-Lekhel, Ibiz, etc.

IDC 13 22:10:51.9, 6.2, 17.86S, 178.60W, h620km, 72km, mb3.1/7, mb1 3.5/7, mb1mx3.2/15, Error ellipse: s-maj=71.5km s-min=26.1km az=150.0, Fiji Islands

PMG Port Moresby 34.27 280 P 22 16 49.7 -0.4

WB2 Warramunge Arr 44.45 260 P 22 18 09.4 -2.3

ASAR Alice Springs 46.63 254 P 22 18 11.3 -1.8

ASAR 0.4nm, 0.4s, baz=103, slow=4.0, SNR=5.5

ASPA Alice Springs 44.63 254 P 22 18 11.1 -2.0

ILAR Eilsion Array 85.59 17 P 22 22 26.1 -2.1

TXAR Lajitas Array 86.12 58 P 22 22 30.1 -0.1

PDAR Pinedale Array 87.44 44 P 22 22 34.5 -1.6

GERES GERES Array B 147.52 345 PKPbc PKPdf 22 29 27.8 +4.0

STR 13 22:22:09.0, 0.1, 43.03N, 0.23W, h10km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 13 22:22:09.0, 0.1, 43.04N, 0.22W, h3km, Md2.0/2, M1.6/4, Error ellipse: s-maj=1.7km s-min=1.1km az=169.0, Pyrenees

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Labf Labessere, Vief Viey, Etsaut, etc.

IDC 13 22:24:06.1±0.8, 30.985±71.62W, mb4.3/7, mb1 4.3/9, mb1mx4.2/17, ML4.2/2, MS3.6/2, Ms1 3.5/2, ms1mx3.1/17, Error ellipse: s-maj=31.0km s-min=18.8km az=30.0, NEIC 13 22:24:09.7, 30.975±71.78W, h24km, mb4.7/1, ML4.4(GUC), After GUC, GUC 13 22:24:09.7±0.9, 30.975±71.78W, h24km, MD4.3, ML4.4

Main table for Central Chile stations including OVCH Ovalle, CMCH Combarbala, ILCH Illapel, LSCH La Serena, TLL Tololo Astrono, PTCH Petorca, PACH Papudo, JACH Jahuel, ROCH El Roble, RCDM Rinconada Maip, FCH Farellones, TACH Talagante, PACH Pircue, CHCH Chadas Angostu, LMEL Las Melosas, CACH El Canelo, CICH Cipreses, SFDO San Fernando, LVC Limon Verde, LVA Linares, LRV Rancagua, TRQA Torqu coast, USHA Ushuaia, BDFB Brasilia, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, SNA4 Sanae, QSPA South Pole Qui, XPAR Lajitas Array, DBIC Dimbokro, NBVC Dimbokro, ULM Lac du Bonnet, ASAR Alice Springs, WRA Warramunga Arr, LNV Longovio, ZAL Zalesovo.

NEIC 13 22:35:40.2, 31.745±69.82W, h144km, MD3.7(GUC), After GUC, GUC 13 22:35:40.2±0.8, 31.745±69.82W, h144km±7km, MD3.7, ML3.8, 14C-7D, San Juan Province

Table for stations in Cerro Calan, Colegio Aleman, Tololo Astrono, Rinconada Maip, Pircue, Las Melosas, Talagante, La Serena, Chadas Angostu, El Canelo, Longovio, Vallener, Torquist, Chadas Angostu, Stephens Creek, El Canelo, Longovio, Vallener, Torquist.

NEIC 13 22:46:30.1±3.9, 17.885±178.61W, h614km, 45km, mb3.9/4, Error ellipse: s-maj=51.5km s-min=20.6km az=153.0, IDC 13 22:46:32.2±5.5, 17.895±178.64W, h640km, 68km, mb3.2/8, mb1 3.5/9, mb1mx3.3/15, Error ellipse: s-maj=56.3km s-min=28.0km az=151.0, NEIC 13 22:46:30.8±1.0, 17.95±178.7W, 0.2, h640km, n20, s=077/15, mb3.8/1.1, 2D, Fiji Islands region

Main table for stations in Chile and other regions including CTA Charters Tower, PMG Port Moresby, STKA Stephens Creek, WBR Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, ASPA Alice Springs, KAKA Kakara, NVAR Mina Array, ILAR Eielson Array, TXAR Lajitas Array, BDW Boulder Array, PIR Pinedale Array, ARCES ARCES Array B, FINES FINES Array B, CLL Collin, BRG Bergjesshubel, GERES GERS Array B, INMG 13 22:46:35.8±0.9, 42.70N±7.68W, h8km, 3km, ML2.1, Error ellipse: s-maj=1.8km s-min=1.5km az=101.0, MDD 13 22:46:35.7±0.3, 42.71N±7.69W, mbLg2.3/13.5, Error ellipse: s-maj=3.0km s-min=1.9km az=6.0, PRXIMO, Spain

Table for stations in Warramunga Arr, Alice Springs, Chiang Mai Arr, Pirque, Las Melosas, Talagante, La Serena, Chadas Angostu, Stephens Creek, Warramunga Arr, Alice Springs, Stephens Creek.

IDC 13 22:58:44.6±0.9, 13.48N±144.87E, mb3.7/6, mb1 4.0/6, s-min=21.6km az=116.0, Mariana Islands, IDC 13 23:04:51.5±5.7, 0.904S±109.63E, mb4.1/3, mb1 4.3/3, mb1mx3.7/14, Error ellipse: s-maj=96.20km s-min=183.1km az=136.0, South of Jawa

NEIC 13 23:15:30.2, 30.95S±71.74W, h31km, mb4.3/5, ML4.9(GUC), After GUC, GUC 13 23:15:30.2±0.7, 30.95S±71.74W, h31km, 3km, ML4.9, IDC 13 23:15:33.0±5.7, 30.93S±71.64W, h51km, 50km, mb4.3/12, mb1 4.4/14, mb1mx4.3/18, ML4.5/2, MS3.9/5, Ms1 3.9/5, ms1mx3.5/16, Error ellipse: s-maj=28.0km s-min=14.9km az=80.0, IDC 13 23:15:29.1±0.9, 30.92S±0.02±71.84W, 0.06, h27km, 6km, n66, s=086/66, mb4.4/16, MS4.0/4, 12C-8D, Near coast of central Chile

Main table for stations in Chile and other regions including OVCH Ovalle, CMCH Combarbala, ILCH Illapel, LSCH La Serena, TLL Tololo Astrono, PTCH Petorca, PACH Papudo, JACH Jahuel, ROCH El Roble, RCDM Rinconada Maip, FCH Farellones, TACH Talagante, PACH Pircue, CHCH Chadas Angostu, LMEL Las Melosas, CACH El Canelo, CICH Cipreses, SFDO San Fernando, LVC Limon Verde, LVA Linares, LRV Rancagua, TRQA Torquist, USHA Ushuaia, BDFB Brasilia, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, SNA4 Sanae, QSPA South Pole Qui, XPAR Lajitas Array, DBIC Dimbokro, NBVC Dimbokro, ULM Lac du Bonnet, ASAR Alice Springs, WRA Warramunga Arr, LNV Longovio, ZAL Zalesovo, ELAN El Canelo, CACH El Canelo, CICH Cipreses, SFDO San Fernando, LVC Limon Verde, LVA Linares, LRV Rancagua, TRQA Torquist, ARE Arequipa, LPAZ La Paz, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, SNA4 Sanae, QSPA South Pole Qui, XPAR Lajitas Array, DBIC Dimbokro, MAW Mawson, MAW Mawson, TPNV Topopah Spring, BW06 Boulder Array.





14d 3h

200 DEC

IDC 14 01:45:28.3,0.5,28.57N-142.69E,mb4.3/18,mb1 4.5/18,mb1mx4.5/22,MS3.5/6,Ms1 3.5,ms1mx3.4/23,Error ellipse: s-maj=19.0km s-min=12.7km az=104.0

BUI 14 01:45:31.3,28.60N-142.60E,h35km,mb4.8,mb4.4,Ms4.2,MSz3.9

NEIC 14 01:45:33.4,0.3,28.59N-142.61E,h35km,mb4.8/17,Error ellipse: s-maj=8.9km s-min=7.1km az=65.0

ISC 14 01:45:27.6,2.2,28.66N,0.04,142.58E,0.07,h5km,13km,ns9,a099/59,mb4.5/35,MS3.8/6,2C,Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CBIJ Chichi jima, MAJO Matsushiro, KAT Matsushiro, etc.

CSEM 14 01:54:28.3,34.88N-25.75E,h10km,MD3.7/8,After ATH

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like XRY Khrisi, NPS Neapolis, KARP Karpathos, etc.

ISC 14 01:59:19.5,1.9,43.15N,0.10,15.2E,0.3,h10km,n7,Δ120/16,2C,Adriatic Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like NVLJ Novolja, BOJUS Bojanci, KNDS Knezji Dol, etc.

IDC 14 02:06:08.3,1.2,15.89N-61.52W,mb3.6/3,mb1 4.0/3,mb1mx3.5/20,MS3.5/3,Ms1 3.5/3,ms1mx2.5/23,Error ellipse: s-maj=20.1km s-min=17.4km az=118.0

TRN 14 02:06:09.7,15.84N-61.51W,h23km,MD3.6,MD2.9(FDF)

ISC 14 02:06:11.7,0.5,15.86N,0.03,61.5W,0.1,h29km,4km,n21,Δ091/25,mb3.7/3,MS3.4/3,5C,Leward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MGG Marie-Galante, BBL Barbe Block, BBL Barber's Block, etc.

TEIG Tepich 25.84 284 LR 02 20 19.1

ULM Lac du Bonnet 44.11 329 LR 02 32 55.7

PDAR Pinedale Array 48.91 313 P 02 14 56.7 -0.5

YLK Yellowknife Arr 59.42 334 P 02 16 12.0 -1.9

ARCES ARCES Array B 74.21 21 LR 02 46 14.5

NIED 14 02:32:00.31,80N,129.20E,h5km,Mw3.7 Best double couple: M3.47x1014 NP1,20S,0.675°,λ-146°. NP2: 6s100°,657°,λ-17°

JMA 14 02:32:19.4,0.1,31.76Nx129.15E,h14km,2km,M3.8, Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JSJ Shimokoshiki, JFU Fukue jima 2, NGSJ Nagasakiomozu, etc.

NNC 14 02:52:34.4,17.0,46.31N-85.62E,h8km,36km,mpv3.4, Error ellipse: s-maj=161.8km s-min=36.4km az=64.0

BUI 14 02:52:34.4,45.86N-85.33E,h7km,ML3.6,4C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MK31 Makanchi Array, WMQ Urumqi, WMQ Urumqi, etc.

NEIC 14 03:01:59.4,1.3,14.33N-93.44W,h20km,mb3.8/4,MD4.2(MEX),Error ellipse: s-maj=22.0km s-min=12.8km az=193.0

MEX 14 03:01:59.6,0.5,14.23N-93.69W,h20km,MD4.3

IDC 14 03:02:02.9,9.3,14.38N-93.28W,h52km,62km,mb3.5/5,mb1 3.9/7,mb1mx3.5/21,ML3.8/2,MS3.3/2,Ms1 3.3/2,ms1mx3.3/17,Error ellipse: s-maj=80.9km s-min=41.2km az=173.0

ISC 14 03:01:59.4,1.9,14.3N,0.1-93.59W,0.05,h33km,15km,n21,r144/26,mb3.8/7,MS3.7/1,Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CCIG Comitán, CCIG Comitán, CCIG Comitán, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like TEIG 0.6nm,0.3s,baz=111,slow=23,SNR=2.0, LTX comp=Z,108nm,21.5s,baz=197,slow=1, etc.

NEIC 14 03:34:01.9,39.20N-23.59E,h20km,MD2.7(Ath),After ATH

ATH 14 03:34:01.5,39.22N-23.62E,h22km,MD2.7/5

THE 14 03:34:01.4,39.17N-23.65E,h13km,ML2.5, Error ellipse: s-maj=2.6km s-min=2.1km az=38.0

ISC 14 03:34:01.2,0.6,39.18N,0.03,23.64E,0.04,h13km,5km,n13,Δ087/20,2D,Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like AOS Chionissos, XEO Neokhori, XOR Neokhori, etc.

IDC 14 03:53:07.6,0.7,55.98S-27.78W,h112km,4km,mb4.5/10,mb1 4.5/11,mb1mx4.2/16,Error ellipse: s-maj=20.1km s-min=12.5km az=58.0

BUI 14 03:53:10.9,55.00S-27.90W,h155km

SYO 14 03:53:10.9,55.95S-27.85W,h146km,MB4.7

NEIC 14 03:53:12.0,1.7,56.00S-27.85W,h155km,ns6,mb4.7/14, Error ellipse: s-maj=10.6km s-min=6.5km az=217.0

ISC 14 03:53:09.1,2.9,55.99S-0.97-27.8W,0.1,h142km,28km,n66,Δ091/35,mb4.8/17,8C-3D, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.







Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN, MOXDY, TIKSI, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH, EKS2, AML, etc.









Table with columns: AAM, Ann Arbor, 84.85, 32, PFAKE, LR, 06 09 00.0 +16, etc. Includes stations like MTTG, SLM, SLM, SLM, SLM, SLM, etc.

Table with columns: WES, comp=Z,49m,19.0s,MSS.8, 88.97, 40, eP, P, 06 08 59.6 -5.0, etc. Includes stations like OXF, OXF, OXF, OXF, OXF, etc.

Table with columns: SJG, San Juan, 113.04, 29, PFAKE, LR, 06 15 00.0 +10, etc. Includes stations like LSZ, SDV, DBIC, ROSC, VVDA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like YJG, YJG, YJG, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAWY Dawson, ZAL Zalesovo, YKA Yellowknife Arr, etc.

IDC 14 08:07:37.3-0.7, 12.78Sx71.00W, mb4.0/10, mb1.4/11.3, m=1mx4.2/16, ML2.9/3, Error ellipse: s-maj=34.1km

s-min=12.1km az=56.0. NEIC 14 08:07:39.0-0.3, 12.80S, mb4.7/12, Error ellipse: s-maj=10.3km s-min=5.6km az=53.0

BJJ 14 08:07:39.6, 12.80S:71.10W, h13km, mB5.0, Ms4.6, Ms4.3

SYO 14 08:07:39.6, 12.80S:71.03W, h14km, MB4.7

ISC 14 08:07:38.2-0.3, 12.81S:0.05:71.14W, 0.07, h14km, 1h4km, 1.0km:pp-P, n63, f1501/58, mb4.2/21, M54.3/1, 1C-3D, Central Peru

Main table for the first section, listing station data for various stations including ARE Arequipa, LPAZ La Paz, etc.

IDC 14 08:17:56.0-0.8, 8.33S:124.83E, mb4.1/8, mb1.4/3/10, m=1mx4.2/16, ML3.9/2, MS3.9/2, Ms1.3/8, ms1mx3.0/23, Error ellipse: s-maj=43.6km s-min=17.8km az=52.0

NEIC 14 08:17:57.9-0.6, 8.55S:124.82E, h15km, mb4.6/4, Error ellipse: s-maj=29.8km s-min=9.7km az=53.0

BJJ 14 08:17:57.8, 8.60S:124.80E, h15km, mB4.9, mb4.7, Ms4.6, Ms4.3

ISC 14 08:18:01.1-2.6, 9.1S:0.1:124.5E, 0.1, h75km, 26km, n28, f1519/29, mb4.3/14, Timor region

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

Main table for the second section, listing station data for various stations including KAKA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 14 08:20:33.6:1.1, 8.31S:124.63E, mb4.1/5, mb1.4/4.7, m=1mx4.2/14, ML3.9/2, Error ellipse: s-maj=52.7km

s-min=21.1km az=53.0. NEIC 14 08:20:34.7:0.7, 8.47S:124.61E, h10km, mb4.4/1, Error ellipse: s-maj=35.6km s-min=12.3km az=53.0

ISC 14 08:20:33.3-5.2, 8.85S:0.2:124.4E, 0.2, h24km, 38km, n10, f1500/11, mb4.1/5, Timor region

Main table for the third section, listing station data for various stations including WRA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 14 08:33:02.9:0.5, 8.65S:111.77E, mb4.4/16, mb1.4/5/16, m=1mx4.4/19, MS3.9/7, Ms1.4/0.7, ms1mx3.5/23, Error ellipse: s-maj=27.7km s-min=12.8km az=50.0

MOS 14 08:33:06.1:0.7, 8.56S:111.85E, h33km, mb4.7/12, Error ellipse: s-maj=21.8km s-min=11.5km az=126.0

BJJ 14 08:33:11.3, 8.70S:111.80E, h75km, mB5.1, mb4.9, Ms4.7, Ms4.4

SYO 14 08:33:11.5, 8.71S:111.77E, h72km, MB4.8

NEIC 14 08:33:12.4:1.3, 8.67S:111.84E, h76km, 11km, mb4.8/16, MD4.7(DJA), Error ellipse: s-maj=13.9km s-min=6.8km az=52.0

NEIC Felt [III] at Karangates and Sawahan. DJA 14 08:33:12.0:0.8, 9.20S:111.90E, h80km, MD4.7/3, ML5.8/4, Error ellipse: s-maj=40.1km s-min=18.3km az=172.0

ISC 14 08:33:12.1:1.3, 8.64S:0.06:111.92E, 0.07, h89km, 11km, h66km, 3.7km:pp-P, n113, f09/99, mb4.6/45, 10C-17D, Jawa

Main table for the fourth section, listing station data for various stations including SRDI Scrawed, SRI Scrawed, etc.

Main table for the fifth section, listing station data for various stations including KEDI Kedomdong, KEDI Kedomdong, etc.



Table of astronomical observations for 14d 9h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 344, listing station names, coordinates, and observation details.

Technical notes and coordinates for stations: IDC 14 09:15:32.0, 30.49Sx71.31W, h47km, 31km, mb4.0/11, mb1 4.2/13, mb1mx4.1/17, ML4.5/2, MS3.8/5, Ms1 3.8/5, ms1mx3.2/21, Error ellipse: s-maj=27.3km s-min=16.0km az=76.0. NEIC 14 09:15:32.5, 0.8, 30.53Sx71.40W, h52km, mb4.5/9, MD4.7(GUC), After GUC. NEIC Feit [I] at Coquimbo and La Serena. GUC 14 09:15:32.5, 0.8, 30.53Sx71.40W, h52km, 4km, MD4.7, ML5.0. SYO 14 09:15:32.5, 0.8, 30.53Sx71.40W, h52km, MB4.5. BUI 14 09:15:32.0, 30.28Sx71.53W, h51km, mb4.5, Ms4.7, Ms24.3. ISC 14 09:15:32.0, 0.4, 30.51Sx0.02, 71.31W, 0.10, h64km, 3km, Ch3, 093/57, mb4.3/18, 7C-5D, Near coast of central Chile.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and their corresponding observation parameters.





14d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

NEIC 14 10:03:15.7, 4.20, 24N, 34.36E, h8km, mb4.1/4, MD3.9(ISK), After ISK

ISK 14 10:03:15.9, 4.20, 24N, 34.36E, h10km, MD3.9

CSEM 14 10:03:15.6, 0.1, 4.22N, 34.34E, h5km, mb4.1/4, Error ellipse: s-maj=2.0km s-min=1.5km az=21.0

ISC 14 10:03:17.1, 3.40, 16N, 34.40E, mb3.52, mb1.3/7.7, mb1mx3.6/20, ML3.5/5, MS3.7/2, Ms1.3/7.2, ms10mx2.9/16, Error ellipse: s-maj=13.1km s-min=8.7km az=105.0

ISC 14 10:03:16.7, 3.0, 4.20N, 0.02, 34.36E, h10km, n78, r1508/93, mb3.8/5, MS4.3/1, Turkey

Main table listing station data for the 14d 12h period, including station names, coordinates, and technical parameters.

2004 DEC

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

ISC 14 10:17:11.1, 5.9, 8.82S, 155.90E, mb3.6/3, mb1.3/8.3, mb1mx3.6/12, Error ellipse: s-maj=98.5km s-min=76.2km az=11.0, Bougainville - Solomon Islands region

WRA Warramunga Arr 23.59 240 P 10 22 23.1 -1.5

ASAR Alice Springs 25.70 232 P 10 22 43.3 -1.4

STKA Stephens Creek 26.51 208 P 10 22 51.5 -0.8

ISC 14 10:20:52.8, 1.0, 2.06N, 122.40E, mb3.7/6, mb1.4/0.7, mb1mx3.8/19, ML4.2/1, Error ellipse: s-maj=44.7km s-min=20.3km az=80.0

NEIC 14 10:20:57.1, 3.9, 20.07N, 122.45E, h29km, mb4.4/3, Error ellipse: s-maj=15.7km s-min=11.1km az=56.0

NEIC Felt (II PIVS) at Basco. MAN 14 10:20:57.0, 20.23N, 122.11E, h33km, mb4.6, ML3.5, MS3.5

MAN Basco Batanes - Intensity II. JMA 14 10:21:00.0, 0.5, 20.46N, 122.31E, h48km, M4.2

ISC 14 10:20:56.0, 1.0, 20.23N, 122.40E, 0.08, h33km, 8km, n25, r123/34, mb3.8/5, Philippine Islands region

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

CSEM 14 10:57:34.1, 0.2, 39.56N, 29.28E, h26km, MD2.7, Error ellipse: s-maj=9.2km s-min=2.1km az=36.0

ISC 14 10:57:35.1, 39.62N, 29.38E, h23km, MD2.7, Turkey

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

NNC 14 11:04:25.8, 13.0, 43.61N, 87.14E, mpv2.8, Error ellipse: s-maj=65.8km s-min=11.4km az=44.0

BUI 14 11:04:23.3, 43.42N, 87.58E, h9km, ML2.9, 2C-1D, Northern Xinjiang

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

MAN 14 11:35:15.9, 19.11N, 121.04E, h31km, mb4.4, ML3.2, MS3.0, 1, Philippine Islands region

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

JMA 14 11:42:06.0, 0.2, 43.76N, 146.94E, h94km, 3km, M3.5

ISC 14 11:42:08.3, 2.43, 92N, 146.76E, h135km, 27km, mb3.8/8, mb1.3/5.8, mb1mx3.3/21, Error ellipse: s-maj=30.2km s-min=26.1km az=81.0

ISC 14 11:42:04.6, 1.0, 43.75N, 0.09, 146.9E, 0.1, h115km, 8km, n21, r192/32, mb3.5/5, Kuril Islands

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

346

Table listing station data for the 346 period, including station names, coordinates, and technical parameters.

KRSC 14 11:52:17.0, 1.4, 50.11N, 156.70E, ML3.8, Kuril Islands

SKR Severo-Kuril's 0.68 327 P 10 52 30.9 +0.2

SKR Alaid 1.06 316 P 10 52 39.9 +2.8

PAU Pauzhetka 1.36 3 P 10 52 44.5 +1.4

PAU 980nm, 0.2s Smax

RUS Russkaya 2.59 25 P 10 53 02.0 +1.1

GRL Gorelyy 2.59 19 P 10 53 03.2 +1.4

APC Apacha 2.83 6 P 10 53 06.9 +2.6

PET Petropavlovsk 3.16 22 P 10 53 43.1 +3.4

UGLR Uglovaya 3.37 22 P 10 53 13.3 +1.3

AVH Avacha 3.41 21 P 10 53 15.8 +3.4

KOK Koryak 3.41 20 P 10 53 15.1 +2.6

SDLR Sedlovina 3.45 22 P 10 53 14.8 +1.7

NLC Nal'ychevo 3.48 27 P 10 53 17.2 -0.8

PNL Mys Shipunski 3.64 33 P 10 53 17.4 +1.6

GNL Ganaly 3.67 12 P 10 53 19.1 +2.9

GNL Krutoberegovo 7.13 29 P 10 54 04.1 -1.0

KBTR 10 55 23.0 -4.8

TRN 14 12:01:35.7, 17.47N, 61.77W, h18km, MD3.5, 1C, Leeward Islands

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

ISC 14 12:01:53.6, 0.7, 3.30S, 135.56E, mb4.0/8, mb1.4/3/10, mb1mx4.3/13, ML4.0/2, MS3.5/2, Ms1.3/5.2, ms1mx2.8/14, Error ellipse: s-maj=44.5km s-min=16.3km az=69.0

NEIC 14 12:01:55.0, 0.5, 3.48S, 135.30E, h10km, mb4.4/10, Error ellipse: s-maj=24.9km s-min=9.7km az=74.0

BUI 14 12:01:55.0, 3.50S, 135.30E, h10km, mb4.6, mb4.5, Ms4.7, Ms2.4

ISC 14 12:01:56.0, 2.7, 3.66S, 0.04, 135.3E, 0.1, h28km, 19km, n40, r193/39, mb4.5/22, 1D, Irian Jaya region

Table listing station data for the 2004 DEC period, including station names, coordinates, and technical parameters.

WRA Warramunga Arr 16.20 183 P 10 25 42.0 -1.6

WRA Warramunga Arr 16.21 183 P 10 25 41.6 -2.0

WRA Warramunga Arr 16.21 183 P 10 25 35.7 -6.4

CTA Charters Tower 19.52 148 P 10 26 25.7 +1.4

CTA Charters Tower 19.52 148 P 10 26 25.7 +1.4

CTA Charters Tower 19.52 148 P 10 26 25.0 +0.7

ASAR Alice Springs 19.93 184 P 10 26 31.1 +2.3

ASAR 5.0nm, 0.7s, baz=5.6, slow=27, SNR=5.7

ASAR comp=2.08nm, 18.8s, baz=2.5, slow=38

ASPA Alice Springs 19.93 184 P 10 26 31.3 +2.5

MBWA Marble Bar 23.05 220 P 10 27 04.7 +4.3

STKA Stephens Creek 28.68 169 P 10 27 53.7 +0.7

STKA Stephens Creek 28.68 169 P 10 27 51.4 -1.5

CMAR Chiang Mai Arr 42.01 303 P 10 29 04.7 +0.3

CMAR 1.1nm, 0.9s, mb3.5, baz=124, slow=12, SNR=7.0

CMAR 0.7nm, 0.7s, baz=181, slow=12, SNR=5.4

CHN Changchung 48.07 300 P 12 10 37.6 +2.4

SNL Shengshou 51.12 307 P 12 11 00.5 +1.7

GTA Gaotai 53.88 326 P 12 11 20.0 +0.9

GTA Ala-Archa 71.55 317 P 12 11 28.4 +0.7

GUN Gumba 56.97 307 P 12 11 42.5 +0.8

ULN Ulaanbaatar 56.97 338 P 12 11 40.8 -0.7

SONM Songoing Array 57.19 337 P 12 11 41.0 -2.1

PKI Pulchoki 57.20 306 P 12 11 43.6 +0.2

KKN Kakani 57.40 306 P 12 11 45.8 +0.2

DMN Daman 57.46 306 P 12 11 45.0 +0.6

GKN Gor'kha 58.00 306 P 12 11 49.5 +0.5

KOLN Koldanda 58.75 306 P 12 11 55.0 +0.8

TKM2 Tokmak 2 70.92 318 P 12 13 11.1 -1.8

ZAL Zalesovo 71.19 331 P 12 13 12.6 -0.1

UCH Uchtor 71.37 317 P 12 13 13.2 -2.4

AAK Ala-Archa 71.55 317 P 12 13 16.1 -0.5

VNDA Vanda 75.16 174 P 12 13 39.4 +2.2

BVAR Borovoye Array 78.16 326 P 12 13 54.1 -0.3

BRVK Borovoye 78.23 326 P 12 13 55.1 +0.3

CHKZ Chkalovo 78.29 327 P 12 13 54.8 -0.3

IMA Indian Moutai 85.74 23 P 12 14 37.0 +3.5

MCK McKinley 87.00 26 P 12 14 39.2 -0.6



14d 15h

Table with columns: ORN, Al-Qurain, 4.44 180 eP, P, 14 18 19.2 -0.6, 14 19 11.8 +0.7, 14 19 12.7. Includes station names like Mont Dzumac, Port Laguerre, Urewera, etc.

2004 DEC

Table with columns: YKA, Yellowknife Arr, 94.86 26 P, P, 14 34 45.1 -0.5, 15 11 11.1. Includes station names like Yellowknife Arr, Yellowknife Arr, etc.

348

Table with columns: SCHE, Schefferville, 72.19 23 P, P, 14 43 39.5 +0.4, 14 43 54.8 -1.9. Includes station names like Schefferville, Attu Island-F, etc.

















Table with columns: SPN, Station Name, Time, Res, etc. Includes stations like MYS Shipunski, NALYTICHEVO, SEDLOVINA, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like KARMYSHINSKIY, RUSSKAYA, RUSKAYA, etc.

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

Text describing seismic event parameters: IDC 14 23:06:00.7460, 15.69S-175.01W, mb4.2/3, mb1 4.4/3, mb1mx3.8/1.4, Error ellipse: s-maj=86.4, Okm...

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

Text describing seismic event parameters: IDC 14 23:13:20.44.9.4.77S, 152.47E, h98km, 44km, mb3.8/10, mb1 4.0/11, mb1mx3.8/1.8, MS3 5/2, Ms1 3.5/2...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like PMG PORT MORESBY, WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

Text describing seismic event parameters: IDC 14 23:13:19.03.6.4.7S, 0.1.152.4E, 13.0km, az=126.0, h90km, 31km, n20, o566/21, mb4.0/14, New Britain region...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like PMG PORT MORESBY, WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

Text describing seismic event parameters: SOF 14 23:18:46.9.41.17N-24.26E, h20km, MD3.0, NEIC 14 23:18:47.0.41.35N-24.20E, h39km, MD3.4(ATH), After ATH...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NVR NEVROPOLI, SRS SERRA, MMB MUMOMISTE, etc.

Text describing seismic event parameters: ATH 14 23:18:47.6.41.26N-24.26E, h26km, 4km, MD3.4/5, CSEM 14 23:18:48.1.0.1.41.21N-24.31E, h8km, MD3.4, Error ellipse: s-maj=1.2km, s-min=1.1km, az=107.0...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NVR NEVROPOLI, SRS SERRA, MMB MUMOMISTE, etc.

Text describing seismic event parameters: THE 14 23:18:50.0.41.11N-24.24E, h13km, ML3.1, ISC 14 23:18:47.5.0.41.19N-0.02-24.29E, 0.03, h12km, 3km, n33, o193/51, 1C, Greece-Bulgaria border region...

Table with columns: LIT, Station Name, Time, Res, etc. Includes stations like LITOKHORON, XORICHTI, ALOSANNISSOS, etc.

Text describing seismic event parameters: CAS 14 23:20:04.0.19.147N-80.77W, h10km, MD6.0, MS6.5, mb6.2(NEIC), JSN 14 23:20:10.2.0.7.19.18N-81.36W, h15km, MD6.5...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NEIC, STATION NAME, TIME, RES, etc.

Text describing seismic event parameters: NEIC 14 23:20:13.4.0.1.18.98N-81.31W, h0km, MS6.6, ME7.5, MS6.7/131, MW6.8, Error ellipse: s-maj=3.1km...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like NEIC, STATION NAME, TIME, RES, etc.

Text describing seismic event parameters: SYO 14 23:20:13.5.19.01N-81.35W, h10km, MB6.2, MS6.6, HRV 14 23:20:13.4.0.1.19.05N-81.52W, h12km, MW6.8/70...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like MG, STATION NAME, TIME, RES, etc.

Text describing seismic event parameters: ISC 14 23:20:11.8.0.1.18.98N-0.01-81.40W, 0.01, h9km, h9km, 8km, pp-P, n308, o1516/1170, mb6.0/259, MS6.7/186, 254C-87D, North of Honduras...

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like MCJ MALVERN, CVJ COLEYVILLE, CCCC CCCC, etc.

Text describing seismic event parameters: SOR SOROA, ROR STONY HILL, RCC RIO CARPINTERO, TEIG TEIG, MAS MASC, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like PYTN PLAYITAS, MPM MONTECOMBO, WILN AMERICAS 2, etc.

Text describing seismic event parameters: TELN TELICA, CNGH CERRA NEGRO, APYN APOYEQUE, MGAN MANGUANA, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TEL3 TELICA 3, MIRN MIRAN, CRIN CRISTOBAL, etc.

Text describing seismic event parameters: CRUN EL CRUCERO, CRUN CRUN, COPN COPALTEPE, BLLM BELLAMA, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like VSM SAN MIGUEL, TRTC TORTUGUERO, MTOZ MONTECRISTO, etc.

Text describing seismic event parameters: JTS JUNTASABANGARE, RBDL ROBLEDA, SJS ESCUELA GEOLOG, etc.

Table with columns: BUS BUENA VISTA, VCR VISTA DE MAR, JCR JICARAL, etc.

Text describing seismic event parameters: ACR CERRO ADAMS, DVD DAVID, CCG COMITAN, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SCX SAN CRISTOBAL, CMIG MATIAS ROMERO, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.

Text describing seismic event parameters: SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, SJO SANTIAGO DE LOS CABALLEROS, etc.









Table with columns: ORDF, MFF, ETSF, etc. and rows for stations like Saint Martin, Etsaut, Les Forges d'A, etc.

Table with columns: WLF, KONO, USHA, THEF, etc. and rows for stations like Walferdange, Kongsberg, Ushuaia, etc.

Table with columns: BFO, PZZ, TRO, etc. and rows for stations like Black Forest, Tromso, Tromm, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sankt Quirin, Novy Kostel, Bernov, Colim, Vinca, ARCESS Array B, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pruhonice, Koelnbreinspre, Monte Prat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Lovozero, Gregorio Mates, Siskak, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TIR, MIDW, BOLS, KEK, RAR, OHR, SKO, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KYTH, PRD, PSN, BOZC, MA2, MA2, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SOC, ARU, ARU, ARU, ARU, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like South Pole Qui, Hailar, Talaya, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LZH, BHK, NJ2, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NGP, GZH, Kunming, etc.

IDC 14 23:31:12.3-0.8, 18.87N-81.70W, mb4.0/9, mb1.4/3/10, mb1mx4.1/22, ML4.6/1, Error ellipse: s-maj=26.2km, s-min=24.0km az=13.0

NEIC Falt at West Bay, JSN 14 23:36:03.0, 4.0, 18.77N-81.19W, MD4.6, MW3.8, ISC 14 23:36:03.0, 4.0, 18.79N-0.06, 81.34W, 0.05, h33km, n76, s=104/75, mb4.4/39, 2C-1D, North of Honduras

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like NEJ Negril, MCJ Malvern, CVJ Coleyville, etc.

JMA 14 23:41:31.0, 4.1, 44.08N-141.69E, h7km, 3km, M3.5, 3C-3D, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like JHR Hokuryu, JSS Shoson, etc.

IDC 14 23:57:01.1, 1.2, 18.82N-81.54W, mb3.6/5, mb1.4/1.6, mb1mx3.7/20, ML4.4/1, Error ellipse: s-maj=49.7km, s-min=22.2km, az=58.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like MCJ Malvern, CVJ Coleyville, etc.

IDC 14 23:59:05.4, 0.7, 18.81N-81.63W, mb4.2/19, mb1.4/4.2/2, mb1mx4.3/27, ML4.6/1, Error ellipse: s-maj=20.6km, s-min=14.3km, az=37.0

NEIC 14 23:59:07.1, 0.7, 19.33N-81.66W, h10km, mb4.4/18, Error ellipse: s-maj=7.0km, s-min=5.2km, az=224.0

JSN 14 23:59:08.5, 1.1, 19.35N-81.26W, h4km, 99gkm, MD4.6, ISC 14 23:59:08.0, 5.0, 18.78N-0.05, 81.57W, 0.05, h33km, n78, s=130/78, mb4.3/35, 5C, North of Honduras

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like MCJ Malvern, CVJ Coleyville, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like MLR Muntele Rosu, WB2 Warramunga Arr, etc.

IDC 15 00:17:15.9, 2.3, 44.68N-116.32W, mb1.3/3.3, s-maj=17.0, ML3.0/3, Error ellipse: s-maj=28.4km, s-min=16.2km, az=139.0

NEIC 15 00:17:15.5, 0.2, 44.57N-116.25W, h5km, ML3.5, Error ellipse: s-maj=5.1km, s-min=2.8km, az=206.0

ISC 15 00:17:14.6, 0.3, 44.60N-116.23W, 0.04, h5km, n36, s=82/41, 2D, Western Idaho

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like BMO Blue Mountains, HLID Hailey, etc.

IDC 15 00:17:58.2, 9.7, 24.51S-179.51E, h596km, 115km, mb3.3/6, mb1.3/5.6, mb1mx3.2/14, Error ellipse: s-maj=91.7km, s-min=52.9km, az=163.0

NEIC 15 00:17:58.0, 1.1, 24.81S-179.54E, h800km, mb4.6/3, Error ellipse: s-maj=79.8km, s-min=17.0km, az=164.0

ISC 15 00:17:57.4, 1.7, 24.65S-179.4E, 0.3, h600km, n13, s=83/712, mb4.0/7, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like CTA Charters Tower, CTA Charters Tower, etc.

JSN 15 00:22:55.8, 0.6, 18.99N-81.17W, h22km, MD4.4, 1C-1D, North of Honduras

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like MCJ Malvern, CVJ Coleyville, etc.

ISC 15 00:34:59.7, 0.5, 46.40N-103.15E, 0.04, n9, s=67/417, 3C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Lists stations like PERS Pernice, GROS Grobnik, etc.

NEIC 15 00:38:07.7, 1.1, 36.71N-4.21E, h10km, MG4.4(MDD), Error ellipse: s-maj=13.4km, s-min=4.0km, az=151.0

MDD 15 00:38:11.0, 0.3, 36.96N-4.42E, mb4.4/1, Error ellipse: s-maj=4.6km, s-min=3.9km, az=46.0, PRXIMOC

CSEM 15 00:38:11.9, 0.1, 36.87N-4.07E, h40km, ML3.5/15, Error ellipse: s-maj=1.9km, s-min=1.4km, az=40.0

LDG 15 00:38:14.9, 0.4, 36.92N-4.02E, h25km, ML3.3/10, Error ellipse: s-maj=7.7km, s-min=3.9km, az=145.0

ISC 15 00:38:10.3, 0.3, 37.11N-0.02, 3.91E, 0.03, h10km, n89, s=1945/124, Western Mediterranean Sea



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EMIN, Mina, etc. Includes stations like Boumerdes, Alger-Bouzare, Djebel Djouab, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EMIN, Mina, etc. Includes stations like LPGA La Plagne, LPL La Plagne, etc.

IDC 15 01:09:08.5-2.1, 18.78N:81.63W, mb3.0/2, mb1 3.6/3, m-1mx3.3/20, ML4.1/1, Error ellipse: s-maj=60.6km

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

ROM 15 01:10:50.8-0.2, 42.77N:13.76E, h5km, MD3.4/12, ML3.1/24, Error ellipse: s-maj=1.6km s-min=1.1km

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

ISC 15 01:10:50.4-0.4, 42.83N:0.02-13.81E, 0.02, h19km, 4km, n224, s132/289, mb3.6/2, 20C-6D, Central Italy

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

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





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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEIG Tepich, JTS JuntasAbangare, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALT Altintas, SZH Strazhica, MDU Mudurnu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRU Warramunga Arr, WAR 15:02:38:53.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAO San Andreas Ge, SAC Little Rabbit, SAC San Andreas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KKB Krupnik, YER Yerkesik, BDRM Yakabasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRE 15:02:42:25.0, 21.28425, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAC Darwin (Callif), BEKR Bekir, TPW Tonopah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIZI Kizilova, KIZT Kizital, SAFT Saffranbolu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 15:02:42:26.2, 34.0, 14.70N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARUT Antelope Range, MVU Marysvale, MSU Marysvale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array A, BRTR Keskin Array C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 15:03:15:35.4, 3.6, 33.38S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH 15:04:27:13.8, 8.40, 77N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDI 1.1m, 0.3s, baz=136, slow=15, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WEL 15:03:23:05.9, 0.3, 45.01S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRT Tekirdag, FART Edincik, EDC Edincik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCJ Malvern, MCJ Stoney Hill, HTH Hope, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 15:03:23:31.6, 2.9, 18.85N, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 15:05:04:55.3, 0.3, 44.10N, etc.











Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Indian Meadow, Kashi, Blackburg, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WMOK, TPNV, TPVW, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MSPL Maasin, BIPH Bislig, BIPH Palo, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CMIG Oaxaca, OXX Vista Hermosa, VHO Pinotepe, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like LDF La Druiterie, RJF NORS Rajadoux, TCF Toux Ste Croix, etc.

CASC 15 07:19:10.0, 2.3, 13.08N, 88.96W, h54km, 26km, MD3.9, 5C-11D, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like LFRS El Faro, SNVI San Vicente, LCBLS La Ceiba, etc.

CSEM 15 08:06:47.4, 0.1, 45.75N, 26.72E, h100km, MD3.8/5, Error ellipse: s-maj=3.6km s-min=3.4km az=71.0

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TXAR Lajitas Array, NATX Nacogdoches, CLNB Carlsbad, etc.

TRN 15 08:05:34.5, 15.77N, 61.41W, h21km, MD3.6, 8C-1D, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MGG Marie-Galante, BBL Barber's Block, SEG Port Louis, etc.

DJA 15 07:28:51.6, 0.8, 8.71S, 115.53E, h96km, 6km, ML3.9/2, 5C-3D, Error ellipse: s-maj=32.7km s-min=8.9km az=2.0, Bali region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like RATI Rata, KEDI Kedondong, KELI Kelatatan, etc.

MAN 15 08:48:47.2, 9.22N, 123.13E, h1km, mb4.7, ML3.6, MS3.5, 2C, Negros

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like BURAR Bucovina Array, PSN Preselentsi, SZH Strazhica, etc.

IDC 15 07:53:55.8, 20.0, 18.77N, 81.35W, mb3.0/3, mb1 3.5/3, mb1mx3.8/15, Error ellipse: s-maj=432.0km s-min=81.2km az=170.0, North of Honduras

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TXAR Lajitas Array, YKA Yellowknife Ar, ILAR Eielson Array, etc.

IDC 15 08:01:15.0, 28.0, 16.35S, 176.23W, mb4.1/4, mb1 4.2/4, mb1mx3.8/15, Error ellipse: s-maj=546.0km s-min=142.6km az=84.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 15 08:06:47.4, 0.1, 45.75N, 26.72E, h100km, MD3.8/5, Error ellipse: s-maj=3.6km s-min=3.4km az=71.0

BUC 15 08:08:48.0, 0.5, 45.78N, 26.78E, h98km, 5km, MD3.8/5, Error ellipse: s-maj=4.4km s-min=3.3km az=41.0

NEIC 15 08:06:49.1, 4.5, 77N, 26.80E, h90km, After BUC, SOF 15 08:06:50.2, 45.76N, 26.58E, h49km, MD2.7

ISC 15 08:06:47.2, 0.7, 45.78N, 26.80E, 0.05, h106km, 6km, n31, 08:59:53, 8C-14D, Romania

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like VRI Vrincoiaia, BRD Bordesti, MTR Muntele Rosu, etc.

CSEM 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0, After PDA

PDA 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, MD2.9, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0

SVSA 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, MD2.9, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SNPH Sibulan, DCPH Dipolog City, TBP Tagbilaran, etc.

CSEM 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0, After PDA

PDA 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, MD2.9, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0

SVSA 15 08:53:38.5, 1.0, 38.54N, 26.93W, h4km, 10km, MD2.9, ML1.4, Error ellipse: s-maj=8.6km s-min=8.0km az=24.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like PFAV Pico das Favas, PFAV Pico das Favas, RIB2 Ribeirinha, etc.

NEIC 15 08:05:14.3, 0.9, 16.22N, 95.24W, mb4.2/14, MD4.5 (MEX), Error ellipse: s-maj=15.1km s-min=7.1km az=188.0

MEX 15 08:05:14.3, 0.9, 16.22N, 95.24W, h12km, 12km, MD4.5, IDC 15 08:05:15.5, 1.3, 16.53N, 95.14W, h37km, 4km, mb3.8/7, mb1 4.0/10, mb1mx3.8/19, ML3.5/2, MS3.6/7, Ms1 3.7/7, ms1mx3.2/18, Error ellipse: s-maj=44.3km s-min=15.1km az=42.0

ISC 15 08:05:12.1, 0.4, 16.09N, 100.95, 43W, 0.03, h39km, h39km, 1.1km, pp-P, N, 0, 15:30:95, mb4.2/18, MS3.6/7, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like HUIG Huatulco, HUIG Huatulco, HUIG Huatulco, CMIG Matias Romero

NEIC 15 08:05:14.3, 0.9, 16.22N, 95.24W, mb4.2/14, MD4.5 (MEX), Error ellipse: s-maj=15.1km s-min=7.1km az=188.0

MEX 15 08:05:14.3, 0.9, 16.22N, 95.24W, h12km, 12km, MD4.5, IDC 15 08:05:15.5, 1.3, 16.53N, 95.14W, h37km, 4km, mb3.8/7, mb1 4.0/10, mb1mx3.8/19, ML3.5/2, MS3.6/7, Ms1 3.7/7, ms1mx3.2/18, Error ellipse: s-maj=44.3km s-min=15.1km az=42.0

ISC 15 08:05:12.1, 0.4, 16.09N, 100.95, 43W, 0.03, h39km, h39km, 1.1km, pp-P, N, 0, 15:30:95, mb4.2/18, MS3.6/7, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like HUIG Huatulco, HUIG Huatulco, HUIG Huatulco, CMIG Matias Romero









Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUBP Lubang, SJMP San Jose, TGAY Tagaytay City, BOAC Boac, LQVP Quezon City, etc.

PRU 15 17:26:23.8, 50.23N, 19.20E
WAR 15 17:26:24.9, 50.17N, 19.31E, h0km, ML2.6, Mining Induced, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, NIE Niedzia, etc.

IDC 15 17:30:46.7, 1.7, 58.11S, 148.74E, mb4.0/6, mb1 4.2/6, mb1mx3.9/11, MS3.6/9, Ms1 3.6/9, ms1mx3.2/20, Error ellipse: s-maj=105.0km s-min=24.2km az=81.0

NEIC 15 17:30:48.0, 8.8, 58.06S, 148.69E, h10km, mb4.4/2, Error ellipse: s-maj=68.8km s-min=10.2km az=79.0

ISC 15 17:30:46.4, 1.1, 58.15N, 0.1x14.9E, h10km, n16, e068/10, mb4.1/7, MS3.5/8, West of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPA Rata Peaks, VNA Vanda, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, CTA Charters Tower, WBA Warramunga Arr, etc.

ATH 15 17:31:57.5, 39.82N, 20.37E, h25km, 1km, MD3.3/4
THE 15 17:31:59.0, 39.69N, 20.31E, h10km, ML3.0

NEIC 15 17:31:59.5, 39.66N, 20.34E, h6km, MD3.2(ATH), After ATH

CSEM 15 17:31:59.3, 0.1, 39.67N, 20.32E, h2km, ML3.0, Error ellipse: s-maj=1.6km s-min=1.4km az=146.0

ISC 15 17:31:59.0, 0.5, 39.69N, 0.03, 20.31E, 0.04, h10km, n20, e1914/30, 3D, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IGT Ioumenitsa, KEK Kerkira, JAN Janina, etc.

IDC 15 17:35:50.2, 2.0, 17.89N, 82.18W, mb3.4/2, mb1 3.9/3, mb1mx3.4/19, ML3.9/1, MS3.1/1, Ms1 3.1/1, ms1mx1.7/17, Error ellipse: s-maj=64.0km s-min=40.8km az=47.0

North of Honduras

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TEIG Tepich, ROSC El Rosal, PDAR Pinedale Array, etc.

NEIC 15 17:55:00, 42.90N, 145.00E, h44km, Mw4.1 Best double couple: M0.162x1015 NP1.0e27, 0.65e27, 1.79e27, NP2.0e230, 0.27e27, 1.11e27

NEIC 15 17:55:34.4, 1.1, 42.21N, 145.21E, h10km, mb3.9/3, Error ellipse: s-maj=24.7km s-min=12.3km az=127.0

MOS 15 17:55:35.5, 1.7, 42.27N, 145.12E, h33km, mb4.2/7, Error ellipse: s-maj=18.2km s-min=10.7km az=80.8

SKHL 15 17:55:41.7, 2.5, 42.76N, 145.22E, h61km, 19km, mb4.8/3

IDC 15 17:55:43.4, 3.2, 42.59N, 144.95E, h71km, 26km, mb3.6/10, mb1 3.8/11, mb1mx3.7/21, Error ellipse: s-maj=27.0km s-min=19.7km az=90.0

JMA 15 17:55:43.7, 0.1, 42.94N, 145.04E, h50km, 1km, M4.0, JMA Felt J1

ISC 15 17:50:49.0, 8.42, 82.18N, 0.06, 145.16E, 0.06, h58km, 5km, n41, e1927/52, mb3.9/12, 2C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JAK Akkeshi, NEM Nemuro 2, JNK Nakash, etc.

ASAJ Asahikawa, 31nm, 0.3s, baz=338, slow=9.5, SNR=5.2

ASAJ Asahikawa, 2.28 306 P, 15 17:56 18.4 +1.4

ASAJ Asahikawa, 2.28 306 P, 15 17:56 17.1 +3.2

KUR Kuril'sk, 3.11 381/P, 15 17:56 30.8 +2.0

KUR Kuril'sk, 1.10nm, 0.5s, 15 17:56 36.5

KUR Kuril'sk, 2.150nm, 0.5s, 15 17:57 03.2 -1.7

KUR Kuril'sk, 2.590nm, 0.5s, 15 17:57 14.2

YSS Yuzh-Sakhalins, 4.49 338 e, 15 17:56 48.0 0.0

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

NEIC 15 17:58:26.4, 0.5, 8.98N, 137.93E, h10km, mb4.5/4, Error ellipse: s-maj=23.7km s-min=9.4km az=73.0

IDC 15 17:58:33.1, 7.8, 8.94N, 137.94E, h65km, 75km, mb3.8/11, mb1 4.0/11, mb1mx3.9/18, MS3.8/14, Ms1 3.8/14, ms1mx3.6/26, Error ellipse: s-maj=34.8km s-min=16.3km az=67.0

ISC 15 17:58:27.8, 0.6, 8.93N, 137.93E, 0.2, h33km, n24, e074/17, mb4.0/11, MS3.7/13, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TGAY Tagaytay City, JOW Kunigami, PMG Port Moresby, etc.

NEIC 15 17:58:26.4, 0.5, 8.98N, 137.93E, h10km, mb4.5/4, Error ellipse: s-maj=23.7km s-min=9.4km az=73.0

IDC 15 17:58:33.1, 7.8, 8.94N, 137.94E, h65km, 75km, mb3.8/11, mb1 4.0/11, mb1mx3.9/18, MS3.8/14, Ms1 3.8/14, ms1mx3.6/26, Error ellipse: s-maj=34.8km s-min=16.3km az=67.0

ISC 15 17:58:27.8, 0.6, 8.93N, 137.93E, 0.2, h33km, n24, e074/17, mb4.0/11, MS3.7/13, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Cross, CTA Charters Tower, etc.

NEIC 15 17:58:26.4, 0.5, 8.98N, 137.93E, h10km, mb4.5/4, Error ellipse: s-maj=23.7km s-min=9.4km az=73.0

IDC 15 17:58:33.1, 7.8, 8.94N, 137.94E, h65km, 75km, mb3.8/11, mb1 4.0/11, mb1mx3.9/18, MS3.8/14, Ms1 3.8/14, ms1mx3.6/26, Error ellipse: s-maj=34.8km s-min=16.3km az=67.0

ISC 15 17:58:27.8, 0.6, 8.93N, 137.93E, 0.2, h33km, n24, e074/17, mb4.0/11, MS3.7/13, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Cross, CTA Charters Tower, etc.

NEIC 15 17:58:26.4, 0.5, 8.98N, 137.93E, h10km, mb4.5/4, Error ellipse: s-maj=23.7km s-min=9.4km az=73.0

IDC 15 17:58:33.1, 7.8, 8.94N, 137.94E, h65km, 75km, mb3.8/11, mb1 4.0/11, mb1mx3.9/18, MS3.8/14, Ms1 3.8/14, ms1mx3.6/26, Error ellipse: s-maj=34.8km s-min=16.3km az=67.0

ISC 15 17:58:27.8, 0.6, 8.93N, 137.93E, 0.2, h33km, n24, e074/17, mb4.0/11, MS3.7/13, Western Caroline Islands

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

15d 19h

JMA 15 18:56:20.2, 0.3, 22.07N, 121.80E, h77km, M2.7  
 TAP 15 18:56:17.1, 22.19N, 121.33E, h3km, 1km, ML2.9, Taiwan region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
YOJ	Yonaguni jima	2.74	34	eS	P	18 57 32.4	-4.3
HATJ	Hateruma jima	2.94	50	P	P	18 57 02.3	-3.5
HATU						18 57 34.3	-3.7
IRIF	Iriomote-Funau	3.07	45	P	Pn	18 57 04.6	-2.8
IRIF						18 57 38.1	-7.1
JKRS	Kuro-shima	3.20	50	P	Pn	18 57 06.2	-3.0
JKRS						18 57 40.9	-7.5
JKRS						18 57 08.0	-3.7
IJ	Ishigaki jima	3.37	50	P	Pn	18 57 44.2	-8.6
JU						18 57 44.2	-8.6
JTJ	Tarama	3.94	51	P	Pn	18 57 58.9	-8.3
JTJ						18 57 58.9	-8.3

NIED 15 19:28:00, 42.80N, 145.40E, h35km, Mw4.4 Best double couple: Mb4.23x10<sup>15</sup> NP1<sub>98</sub>19°, δ73°, λ68°. NP2:α253°, δ27°, λ140°

CSEM 15 19:28:49.9, 42.68N, 145.70E, h2km, mb5.6  
 MOS 15 19:28:54.3, 0.8, 42.66N, 145.47E, h33km, mb4.9/27, Error ellipse: s-maj=11.2km s-min=6.0km az=100.4

BUI 15 19:28:54.7, 42.77N, 145.43E, h35km, mb5.0, mb4.7, Ms4.0, Ms4.0

NEIC 15 19:28:56.3, 2.2, 42.75N, 145.44E, h34km, 15km, mb4.7/28, Mw4.4(NIED), Error ellipse: s-maj=9.7km s-min=6.9km az=124.0

JMA 15 19:28:56.8, 0.1, 42.78N, 145.37E, h44km, 1km, M4.2 JMA Felt I J1

SKHL 15 19:28:57.3, 0.0, 42.81N, 145.51E, h42km, 7km, mb4.7/10, Ms3.7/10

IDC 15 19:28:59.7, 3.0, 42.77N, 145.49E, h62km, 22km, mb4.0/19, mb1.4/20, mb1mx4.1/27, ML4.7/11, MS3.6/5, Ms1.3/7.5, ms1mx3.2/33, Error ellipse: s-maj=20.5km s-min=15.9km az=149.0

ISC 15 19:28:55.5, 0.7, 42.75N, 0.04, 145.42E, 0.05, h41km, 4km, h47km, 6.7km, pP-P, P, N161, α98/165, mb4.6/63, MS3.9, 13C-15D, Hokkaido region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
JAK	Akkeshi	0.59	295	Op	P	19 29 08.4	+1.0
JAK						19 29 15.4	+0.4
NEM2	Nemuro 2	0.66	21	P	P	19 29 09.4	+1.0
NEM2						19 29 18.6	+0.7
JNK	Nakash	0.98	329	Op	P	19 29 13.6	+0.6
JNK						19 29 25.7	+0.2
JOB	Onabets	1.18	278	Op	P	19 29 16.4	+0.7
JRA	Rausu	1.21	350	Op	P	19 29 17.2	+1.0
JRA						19 29 32.5	+0.8
YUK	Yuzh-Kuril'sk	1.33	14	Op	P	19 29 18.0	0.0
YUK						19 29 33.5	-1.2
YUK	comp=Z,2um,0.3s						
YUK	comp=N,860nm,0.2s						
YUK	comp=E,770nm,0.3s						
YUK	comp=N,14um,0.0s						
YUK	comp=E,10um,0.5s						
YUK	comp=N,30um,0.9s						
YUK	comp=E,20um,0.9s						
YUK	Yuzh-Kuril'sk	1.33	14	Op	P	19 29 18.0	0.0
YUK	comp=E,860nm,0.2s						
YUK	comp=E,770nm,0.2s						
YUK	comp=E,2um,0.2s						
YUK	iS					19 29 33.5	-1.2
YUK	A					19 29 38.5	
YUK	comp=E,14um,0.5s					19 29 38.5	
YUK	comp=E,10um,0.5s					19 29 38.9	
YUK	comp=E,30um,1.0s					19 29 38.9	
YUK	comp=E,20um,1.0s					19 29 38.9	
JAR	Ashorobuto	1.33	295	Op	P	19 29 18.6	+0.6
JCH	Churil	1.52	266	Op	P	19 29 21.3	+0.6
JTKR	Abashiri-Toko	1.65	318	Op	P	19 29 23.7	+1.2
ASAJ	Asahikawa	2.47	305	Op	P	19 29 36.1	+1.9
ASAJ	comp=E,108nm,0.3s,baz=132,slow=8.1,SNR=201					19 30 08.6	+5.2
ASAJ	comp=E,36nm,0.3s,baz=352,slow=28,SNR=7.3					19 30 48.7	
ASAJ	comp=E,1um,18.0s,baz=326,slow=44					19 29 36.2	+2.0
ASAJ	Asahikawa	2.47	305	Op	P	19 30 08.6	+5.2
ASAJ	comp=Z,108nm,0.3s						
ASAJ	comp=Z,1um,18.0s						
KUR	Kuril'sk	3.05	35	eP	P	19 29 41.5	-1.0
KUR	comp=Z,90nm,0.5s					19 29 46.0	
KUR	comp=Z,80nm,0.5s					19 29 46.0	
KUR	comp=Z,150nm,0.5s					19 30 15.4	-2.7
KUR	comp=Z,10,0nm,0.7s					19 30 27.3	
KUR	comp=Z,450nm,0.7s					19 30 06.7	+2.1
YSS	Yuzh-Sakhalins	4.61	337	eP	P	19 30 04.6	-0.1
YSS	comp=Z,30nm,0.8s					19 30 10.0	
YSS	comp=Z,40nm,0.8s					19 30 56.6	-1.0
YSS	comp=Z,500nm,16.0s					19 32 14.0	
YSS	comp=Z,900nm,16.0s					19 32 14.0	
YSS	comp=Z,500nm,15.0s					19 32 14.0	
UGL	Uglegorsk	6.75	341	eP	P	19 30 33.0	-1.6
UGL	comp=Z,25nm,0.5s					19 33 42.0	
UGL	comp=Z,450nm,14.0s					19 30 54.3	-2.2
MAJO	Matsushiro	8.32	224	eP	P	19 30 54.3	-2.2
MAJO	comp=Z,24nm,0.8s					19 30 54.5	-2.0
MAJO	comp=Z,24nm,0.8s					19 30 55.0	+0.3
MAT	Matsushiro	8.32	224	eP	P	19 30 55.0	+0.3
MAT	comp=Z,30nm,0.8s					19 30 56.6	-1.0
MAT	comp=Z,40nm,0.8s					19 30 57.7	
MAT	comp=Z,500nm,16.0s					19 32 14.0	
MAT	comp=Z,900nm,16.0s					19 32 14.0	
MAT	comp=Z,500nm,15.0s					19 32 14.0	
UGL	Uglegorsk	6.75	341	eP	P	19 30 33.0	-1.6
UGL	comp=Z,25nm,0.5s					19 33 42.0	
MAJO	Matsushiro	8.32	224	eP	P	19 30 54.3	-2.2
MAJO	comp=Z,24nm,0.8s					19 30 54.5	-2.0
MAT	Matsushiro	8.32	224	eP	P	19 30 54.5	-2.0
MAT	comp=Z,30nm,0.8s					19 30 55.0	+0.3
MAT	comp=Z,40nm,0.8s					19 30 56.6	-1.0
MAT	comp=Z,500nm,16.0s					19 32 14.0	
MAT	comp=Z,900nm,16.0s					19 32 14.0	
MAT	comp=Z,500nm,15.0s					19 32 14.0	
TVV	Tymovskoe	8.34	348	eP	P	19 31 22.0	+0.9
GRNR	Gornyy	10.12	326	eP	P	19 31 23.4	
GRNR	comp=Z,40nm,0.8s					19 31 23.4	
GRNR	comp=Z,20nm,0.8s					19 31 23.4	
GRNR	comp=Z,50nm,0.8s					19 31 40.4	+0.5
KLR	Kul'dur	11.50	309	eP	P	19 31 40.4	+0.5
KLR	comp=Z,6.6nm,0.8s					19 31 41.3	-0.2
MDJ	Mudanjiang	11.62	285	eP	P	19 31 41.3	-0.2
MDJ	comp=Z,50nm,0.8s					19 32 03.4	-0.1
EKMR	Ekimchan	13.27	325	eP	P	19 32 06.0	
EKMR	comp=Z,10,0nm,0.9s					19 32 05.2	-2.0
PET	Petropavlovsk	13.56	36	iP	P	19 32 05.2	-2.0
PET	comp=Z,50nm,0.8s					19 32 04.0	-0.4
CN2	Changchun	14.59	281	eP	P	19 32 04.0	-0.4

2004 DEC

CN2	eXP	19 32 35.0	BRVK	Borovoye	49.21 310	eP	P	19 37 41.3	0.0	
CN2	eS	19 35 00.8	-1.2	TKM2	Tokmak 2	49.80 295	eP	P	19 37 46.2	+0.3
CN2	AMB			KKN	Kakan	50.31 273	eP	P	19 37 49.7	-0.4
CN2	comp=Z,10,0nm,1.0s			PKI	Pulchoki	50.34 273	eP	P	19 37 49.9	-0.4
CN2	comp=Z,200nm,3.0s			DMN	Daman	50.54 273	eP	P	19 37 51.6	-0.2
CN2	comp=N,300nm,11.0s			AAK	Ala-Archa	50.55 296	iP	P	19 37 50.9	-1.6
CN2	comp=E,400nm,11.0s			AAK						
CN2	comp=Z,500nm,12.0s			GKN	Gokh	50.67 274	eP	P	19 37 52.2	-0.6
YASR	Yasnyy	15.69 318	eP	YASR						
YASR	comp=Z,2,0nm,0.8s			KOLN	Koldanda	51.56 274	eP	P	19 37 59.4	-0.1
YASR	comp=Z,2,0nm,0.8s			ARU	Arti	54.21 317	iP	P	19 38 17.9	-0.9
BMKR	Bomnak	16.16 324	eP	ARU						
BMKR	comp=Z,10,0nm,0.7s			ARU						
ZEA	Zeya	16.30 319	eP	ARU						
ZEA	comp=Z,10,0nm,0.8s			ARU						
ZEA	comp=Z,400nm,16.0s			ARU						
ZEA	comp=Z,300nm,14.0s			ARU						
ZEA	comp=Z,200nm,13.0s			ARU						
KROS	Kirovskiy	16.84 320	eP	RES	Resolute Bay	56.29 16	eP	P	19 38 32.4	-1.2
KROS	comp=Z,5,0nm,0.9s			RES						
HIA	Hailar	18.94 299	eP	RES						
HIA	comp=Z,12nm,0.9s			RES						
HIA	Hailar	18.94 299	eP	RES						
HIA	comp=Z,12nm,0.9s			RES						
JOW	Jowisi	21.16 227	LR	RES						
JOW	comp=Z,136nm,21.7s,MS3.3,baz=136,slow=38			RES						
YAK	Yakutsk	21.46 340	iP	RES						
YAK	comp=Z,7,0nm,0.8s,mb4.0			RES						
YAK	comp=Z,3,7nm,0.3s,mb4.6			RES						
BJJ	Beijing	22.06 273	eP	RES						
BJJ	comp=Z,27nm,1.1s,mb4.6			RES						
BJJ	comp=Z,113nm,22.9s,MS3.2			RES						
BJT	Baijituau	22.07 273	eP	RES						
BJT	comp=Z,23nm,0.9s			RES						
BJT	Baijituau	22.07 273	eP	RES						
BJT	comp=Z,23nm,0.9s,mb4.6			RES						
SSE	Sheshan	22.51 247	P	RES						
SSE	comp=Z,30nm,0.7s,mb4.8									





Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Sochi, KOLS, SOC, and various regional stations.

IDC 15 19:58:08.4.1.7.21.64N.143.01E, h307km, 17km, mb3.4/13, mb1.3.3/4, mb1.1mx3.4/24, Error ellipse: s-maj=22.6km s-min=10.7km az=89.0

NEIC 15 19:58:08.8.2.6.21.62N.143.00E, h312km, 28km, mb3.8/1, Error ellipse: s-maj=17.0km s-min=7.2km az=89.0

ISC 15 19:58:08.0.1.3.21.63N.0.07.143.0E.0.2, h319km, 13km, n19, o#63/20, mb3.5/14, Mariana Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBIJ, MAJO, SONGJO, CMAR, CTA, WB2, WRA, and KSH.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FITZ, ASAR, STKA, ZAL, ILAR, BVAR, INK, YKA, ARCES, and FINES.

IDC 15 20:06:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like STKA, STKA, WB2, WRA, ASAR, ASPA, KAKA, and GERES.

IDC 15 20:07:09.0.9.35.53N-140.91E, mb3.9/9, mb1.4.0/12, mb1.1mx3.9/24, ML3.8/3, MS3.0/1, Ms1.3.0/1, ms1mx2.0/33, Error ellipse: s-maj=34.1km s-min=14.9km az=87.0

JMA 15 20:20:12.5.0.1, 35.57N-141.03E, h37km, 1km, M3.4, NEIC 15 20:20:15.6.2.0.35.47N-140.89E, h59km, 16km, mb4.3/1, Error ellipse: s-maj=24.8km s-min=11.8km az=79.0

ISC 15 20:11.2.0.7.35.55N.0.03.141.15E.0.08, h41km, 6km, n30, i#106/40, mb3.9/10, 6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CHJO, CHJO, JCN, KTR, BSQ2, BSQ4, BSQ1, BSQ3, BSQ0, JYT, JHO, JHO, JAG, JIM2, JIM2, JOD2, JOD2, MAJO, MAT, MAT, JHJ, JHJ, CBIJ, CBIJ, ASAJ, JOW, SONM, ZAL, ILAR, BVAR, WRAP, WRA, ASAR, FINES, AKASO, NB2, NOA, and various regional stations.

LDG 15 20:26:10.2.0.5.41.79N-84.87E, h10km, Mb4.6/16, Ms2.7/1, Error ellipse: s-maj=23.5km s-min=4.8km az=161.0

MOS 15 20:26:14.9.0.8.42.14N-84.97E, h33km, mb4.8/24, Error ellipse: s-maj=11.4km s-min=6.4km az=121.4

BJI 15 20:26:14.6.4.1.94N-84.89E, h26km, mb4.3, ML4.5, Ms3.8, Msz3.5

NEIC 15 20:26:15.3.2.3.42.10N-85.02E, h23km, 16km, mb4.6/20, Error ellipse: s-maj=9.9km s-min=5.1km az=209.0

IDC 15 20:26:17.2.3.1.42.05N-85.05E, h40km, 27km, mb3.9/16, mb1.4.1/19, mb1mx4.1/23, ML3.9/3, Error ellipse: s-maj=19.9km s-min=14.0km az=82.0

NNC 15 20:26:17.6.4.0.42.23N-84.84E, h33km, 24km, mpv4.0, Error ellipse: s-maj=29.4km s-min=8.9km az=111.0

ISC 15 20:26:13.1.1.2.42.00N.0.04.84.92E.0.04, h24km, 9km, n122, o#88/133, mb4.4/43, MS3.4/2, 5C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WMQ, WMQ, WMQ, WMQ, MK31, MK31, MK31, ULHL, TKM2, KZA, KSH, KSH, KSH, and various regional stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KBK, UCH, AAK, AAK, AAK, AAK, USP, EKS2, GTA, GTA, GTA, GTA, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ZAL, ZAL, ZAL, THN, THN, NVS, NVS, GKN, GKN, KKN, KKN, DMN, DMN, PKI, PKI, BVA0, BVA0, BVA0, BVA0, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BVAR, BVAR, BRVK, BRVK, KRAR, KRAR, TLY, TLY, SONM, SONM, UHL, UHL, ARU, ARU, ARU, ARU, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ENH, ENH, BOD, BOD, WHN, WHN, CMAR, CMAR, NJ2, NJ2, KIV, KIV, KIV, KIV, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SSE, SSE, SSE, SSE, SSE, SSE, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like OBK, OBK, OBK, OBK, OBK, OBK, and various regional stations.

IDC 15 20:26:19.5-4.1, 16.415N-177.73W, mb4.1/3, mb1.4.3/3, s-min=47.9km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BRTR, BRTR, AKASO, AKASO, KAF, KAF, KAF, KAF, and various regional stations.

15d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES, GRA1, GRF, WTTA, SOTA, MOTA, HMF, BAIF, MBDF, ORIF, FRF, SMF, SSF, SMRF, AVF, VIVF, TCF, LDF, FLN, GRR, RJF, RJF, RFF, LFF, ETSF, KMB0, KMB0, KMB0, YKA, YKA, WRA, WB2, ASAR, SCH0, PDAR, LPAZ, LPAZ.

CASC 15 20:29:37.9-2.7, 14.05N-91.39W, h47km, 45km, MD3.6, ML4.3, 1C-1D, Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

ISC 15 20:49:40.9-1.3, 5.24N-126.60E, mb3.8/6, mb1 4.0/6, mb1mx3.8/19, Error ellipse: s-maj=96.1km s-min=19.6km

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRAB, WRA, WB2, STKA, STKA, SONM, BVAR, BRVK, XRY, NPS, GVD, VAM, KARP, SOI, MTG, MTG, SGO, SGO, AKAS, GERES, FINES, ZAL, SONM, SCH0.

WEL 15 21:19:49.4-0.8, 38.35S-175.81E, h154km, 9km, ML3.7/6, Error ellipse: s-maj=14.8km s-min=8.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BKZ, URZ, MOVZ, KRZ, MRZ, MRZ, CAW, MTW, MSW, NNZ, NNZ, KRZ, KHZ.

ISC 15 21:53:13.1-0.7, 13.71N-146.19E, mb4.1/12, mb1 4.2/12, mb1mx4.2/20, MS3.4/3, Ms1 3.5/3, ms1mx3.0/22, Error ellipse: s-maj=25.3km s-min=18.6km az=100.0, NEIC 15 21:53:21.4-2.2, 13.55N-146.04E, h62km, 19km, mb4.3/3, Error ellipse: s-maj=20.7km s-min=12.0km az=87.0, ISC 15 21:53:22.1-1.8, 13.55N-109.145E, 0.1, h83km, 14km, n29, r100/25, mb4.2/18, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, JOW, JOW, WRA, WB2, WRA, ASAR, CMAR, CMAR, SONM, PKI, KKN, DMN, GKN, KOLN, ZAL, ILAR, BVAR, BRVK, INK, INK, ARU, YKA, RES, NVAR, ELK, FINES, DBIC, LVC, LPAZ.

380

LPAZ La Paz 147.04 99 PKPbc PKPdf 22 152 59.5 +5.3. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SARDI, SARDI, KELI, RATI, RATI, KEDI, KEDI.

JMA 15 22:34:40.5-0.2, 24.83N-122.96E, h120km, 3km, M2.5, TAP 15 22:34:39.5, 24.72N-122.95E, h122km, 2km, ML3.8, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ, YOJ, IRIF, IRIF, HATER, JKRS, JKRS, JIJ, JIJ, JTJ, JTJ, JIMJ, JIMJ, JOGS, JOGS.

ISC 15 22:37:53.5-1.1, 0.7, 22Sx129.34E, h105km, 142km, mb3.2/1, mb1 3.7/4, mb1mx3.4/13, ML3.8/3, Error ellipse: s-maj=77.1km s-min=50.6km az=24.0, NEIC 15 22:37:54.3-3.9, 7.24S-129.47E, h128km, 43km, mb4.4/3, Error ellipse: s-maj=47.5km s-min=28.2km az=50.0, ISC 15 22:37:59.3-1.8, 7.94S-0.10, h215km, 22km, n8, 09/15, mb3.2/1, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, KAKA, FITZ, FITZ, FITZ, FITZ, WRAB, WRAB, WRA, WRA, WB2, WB2, ASAR, ASAR, CMAR, CMAR.

ISC 15 23:02:33.6-1.4, 39.21N-72.14E, mb3.9/6, mb1 4.0/8, mb1mx3.8/22, ML3.6/2, Error ellipse: s-maj=41.7km s-min=21.5km az=59.0, NEIC 15 23:02:34.6-0.8, 39.11N-72.09E, h10km, mb4.1/2, Error ellipse: s-maj=17.1km s-min=10.8km az=98.0, MOS 15 23:02:36.2-1.0, 39.14N-72.23E, h33km, mb4.3/2, Error ellipse: s-maj=41.4km s-min=17.8km az=77.0, ISC 15 23:02:41.7-1.0, 39.31N-0.05, 72.4E-0.2, h74km, 9km, n35, r122/35, mb3.8/7, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML, AML, UCH, UCH, KZA, KZA, EK2S, EK2S, EK2S, EK2S, AAK, AAK, KBA, KBA, CHMS, CHMS, ULHL, ULHL, USP, USP, TKM2, TKM2, TKM2, CEP, CEP, CHCP, CHCP, THW, THW, BVAR, BVAR, BRVK, BRVK, KOLN, KOLN, GKN, GKN, KKN, KKN, PKI, PKI, ZAL, ZAL, SONM, SONM, FINES, FINES, ARCS, ARCS, INK, INK, INK, INK, WRA, WRA, WRAB, WRAB, WRAB, WRAB, ASAR, ASAR.

CSEM 15 23:05:05.9-0.3, 35.13N-3.97W, h10km, MD3.1, Error ellipse: s-maj=8.9km s-min=6.2km az=72.0, NEIC 15 23:05:06.4, 35.07N-4.02W, MG3.0/22, After MDD, MDD 15 23:05:06.4, 35.07N-4.02W, mb3.0/3, Error ellipse: s-maj=26.2km s-min=7.4km az=16.0, PRXIMO





16d 0h

2004 DEC

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

Table with columns: BRG, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VRSR, OBNSK, SOCI, ILAR, etc.

Table with columns: BRG, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG, PRU, YKW, YKA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BDFB, CPUP, CSEM, SVSA, etc.

IDC 16:01:12:06.4.5.0, 15.565S-172.95W, mb3.8/4, mb1 4.0/4, mb1mx3.7/16, Error ellipse: s-maj=220.0km s-min=36.0km az=136.0, Samoa Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
STKA	Stephens Creek	44.34	240	Op	h m s	ISC
PTK	Pertek	0.45	12	iP	01 20 19.1	-1.1
WRA	Warramunga Arr	50.23	257	P	01 21 04.3	-2.3
ASAR	Alice Springs	50.48	252	P	01 21 06.2	-2.2
ILAR	Eielson Array	82.51	11	P	01 24 30.6	-1.4

CSEM 16:01:43:01.3.0.1, 38.46N-39.25E, h10km, MD2.9, Error ellipse: s-maj=3.4km s-min=2.8km az=138.0

ISK 16:01:43:02.0, 38.59N-39.14E, h3km, MD2.9

ISC 16:01:43:01.5.0.6, 38.45N-0.04-39.27E, 0.05, h10km, n10, +053/15, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ELZG	Elazig	0.23	282	Op	01 43 06.6	+0.2
PTK	Pertek	0.45	12	iP	01 43 10.8	+0.1
MYA	Malatya	0.68	260	PG	01 43 14.8	+0.7
MALT	Malatya	0.68	259	PG	01 43 14.8	+0.7
MALT	Malatya	0.68	259	PG	01 43 14.5	+0.5
MALT	Malatya	0.93	126	iP	01 43 24.1	0.0
Diy	Diyarbakir	1.04	65	ePN	01 43 21.0	+0.5
BINT	Bingol	1.07	60	ePN	01 43 21.7	+0.4
URFA	Urfa	1.04	60	ePN	01 43 23.4	+1.0
URFA	Urfa	1.04	60	ePN	01 43 37.9	+0.5
GZT	Gaziantep	1.74	232	iP	01 43 32.0	-0.1
GZT	Gaziantep	1.74	232	iP	01 44 00.1	+5.7
BTMT	Batman	1.76	98	ePN	01 43 31.4	-1.0

IDC 16:01:54:57.5.1.3, 21.43N-143.80E, mb3.8/4, mb1 4.0/4, mb1mx3.6/21, Error ellipse: s-maj=99.8km s-min=26.6km az=101.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	42.15	193	Op	02 02 51.9	-1.7
ASAR	Alice Springs	45.85	193	P	02 03 21.3	-2.1
YKA	Yellowknife Arr	74.22	28	P	02 06 48.7	-1.5
FINES	FINES Array B	83.67	335	P	02 07 27.8	-1.2

NEIC 16:01:55:54.2.0.3, 21.28N-144.29E, h20km, mb4.4/19, Error ellipse: s-maj=12.3km s-min=7.8km az=93.0

ISC 16:01:55:59.5.0.7, 21.34N-144.08E, h61km, mb3.8/10, mb1 4.1/10, mb1mx3.9/21, Error ellipse: s-maj=25.5km s-min=14.3km az=99.0

ISC 16:01:55:58.0.0.4, 21.29N-144.2E, 0.1, h62km, h62km, 2.9km, p-P, n36, +086/36, mb4.3/29, 1.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GUMO	Guam	7.69	175	Op	01 57 42.8	-6.9
MA2	Magadan	38.54	5	P	02 03 11.6	-4.3
ULN	Ulaanbaatar	39.85	321	P	02 03 28.2	+1.2
SOMM	Somongo Array	42.03	320	P	02 03 30.0	-0.1
SOMM	Somongo Array	42.03	320	P	02 03 44.3	-1.5
WRB	Tennant Creek	42.07	194	eP	02 03 44.8	-0.8
WRB	Warramunga Arr	42.08	194	iP	02 03 45.8	+0.1
WRA	Warramunga Arr	42.08	194	P	02 03 45.1	-0.7
WRA	Warramunga Arr	42.08	194	P	02 04 02.6	+1.2
FITZ	Fitzroy Crossi	43.14	206	eP	02 03 55.4	+0.0
ASAR	Alice Springs	45.78	193	P	02 04 15.1	-0.4
ASAR	Alice Springs	45.78	193	P	02 04 31.2	-0.1
ASPA	Alice Springs	45.78	193	eP	02 04 15.1	+0.2
ZAL	Zalesovo	55.10	22	P	02 05 25.3	-0.6
TKM2	Tokmak 2	60.30	308	eP	02 06 03.4	+0.8
UCH	Uchir	61.14	307	eP	02 06 09.6	+1.2
EK52	Ekhtor-Say	61.65	308	eP	02 06 11.7	-0.1
AML	Almayush	61.75	307	eP	02 06 13.0	+0.6
ILAR	Eielson Array	82.07	27	P	02 06 11.9	-1.8
ILAR	Eielson Array	82.07	27	P	02 06 29.1	-1.2
BLRV	Borovoye	63.63	320	P	02 06 24.4	-0.4
INK	Inuvik	67.59	23	P	02 06 49.3	-0.4
ARU	Arvi	70.12	324	P	02 07 04.8	-0.7
YKA	Yellowknife Arr	74.20	28	P	02 07 42.3	+0.2
YKA	Yellowknife Arr	74.20	28	P	02 07 58.2	-1.1
YKA	Yellowknife Arr	74.20	28	P	02 07 42.3	+0.2
YKA	Yellowknife Arr	74.20	28	P	02 07 58.7	-0.9
ARCES	ARCES Array B	79.59	342	P	02 07 58.7	-1.0
NEW	Newport	79.99	42	P	02 08 02.1	-0.1
BMO	Blue Mountains	81.08	45	eP	02 08 08.6	+0.6
CMB	Columbia Colie	81.30	53	eP	02 08 09.7	+0.4
NVAR	Mina Array Bea	82.69	52	P	02 08 17.9	+1.5
KAF	Kangasniemi	83.47	335	eP	02 08 18.6	-1.3
FINES	FINES Array B	83.94	335	P	02 08 21.9	-0.4
TPNV	Topopah Spring	84.76	52	eP	02 08 27.6	+0.7
HWUT	Hardware Ranch	86.21	47	eP	02 08 32.9	-1.1
SUMG	Summit	86.36	1	eP	02 08 34.9	+0.9
FCC	Fort Churchill	87.01	26	P	02 08 37.4	-0.1
PDAR	Pinedale Array	87.05	45	eP	02 08 39.6	+1.6
ANMO	Albuquerque	92.78	51	eP	02 09 05.8	+0.6
SCHO	Schefferville	99.69	18	P	02 09 34.3	-1.7

LDG 16:02:01:16.2.0.3, 12.11S-167.07E, h10km, Mb4.6/2, Ms4.2/1, Error ellipse: s-maj=49.7km s-min=16.0km az=88.0

IDC 16:02:01:44.4.1.0, 11.94S-166.72E, h215km, mb4.0/13, mb1 4.1/14, mb1mx4.0/20, Error ellipse: s-maj=15.1km s-min=11.5km az=146.0

SYO 16:02:01:44.2.1, 11.84S-166.79E, h224km, MB4.6

NEIC 16:02:01:46.2.2.4, 11.87S-166.73E, h241km, mb4.6/19, Error ellipse: s-maj=13.6km s-min=10.2km az=176.0

BUI 16:02:01:46.2.1, 11.90S-166.70E, h241km, mb5.2, mb4.6

ISC 16:02:01:44.1.2.7, 11.93S-0.09-166.70E, 0.07, h229km, 26km, h210km, 3.5km, p-P, n67, +0104/42, mb4.4/28, 1C-4D, Santa Cruz Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MGG	Marie-Galante	0.14	53	Op	02 11 06.8	+2.3
BBL	Barber's Block	0.31	187	iP	02 11 07.5	+0.8
SEG	Port Louis	0.57	353	eP	02 11 11.7	+0.9
SEG	Port Louis	0.57	353	eP	02 11 19.5	+0.9
DEG	La Desirade	0.59	37	iP	02 11 32.2	+2.0
DEG	La Desirade	0.59	37	iP	02 11 22.7	+3.5
DFD	Fort de France	1.13	166	eP	02 11 21.0	+1.4
DFD	Fort de France	1.13	166	eP	02 11 36.6	+2.3
BPA	Boggy Peak	1.27	341	eP	02 11 23.6	+1.9
CPB	Codrington	1.83	348	eP	02 11 39.5	+1.5
CPB	Codrington	1.83	348	eP	02 11 54.5	+2.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PMG	Port Moresby	19.37	276	P	02 05 55.9	+1.4
PMG	Port Moresby	19.37	276	eP	02 05 54.1	-0.3
AFI	Afiamaulu	21.07	98	P	02 06 11.0	-0.3
CTA	Charters Tower	21.25	245	iP	02 06 14.6	+1.5
CTA	Charters Tower	21.25	245	P	02 06 14.8	+1.7
CTAO	Charters Tower	21.25	245	eP	02 06 14.5	+1.4
URZ	Urewera	27.82	162	P	02 07 14.4	+0.1
STKA	Stephens Creek	30.47	225	eP	02 07 38.4	+0.6
STKA	Stephens Creek	30.47	225	P	02 07 38.5	+0.7
STKA	Stephens Creek	30.47	225	P	02 08 19.3	-4.7
STKA	Stephens Creek	30.47	225	eP	02 07 38.0	+0.2
RPZ	Rata Peaks	31.89	174	P	02 07 49.8	-0.2
WB2	Warramunga Arr	32.06	251	iP	02 07 50.8	-1.0
WRAB	Tennant Creek	32.06	252	eP	02 07 50.8	-1.0
WRA	Warramunga Arr	32.08	251	P	02 07 51.0	-0.9
WRA	Warramunga Arr	32.08	251	P	02 08 35.0	-3.4
WRA	Warramunga Arr	32.08	251	P	02 10 36.3	+0.7
WRA	Warramunga Arr	32.08	251	P	02 12 45.7	-0.3
ASAR	Alice Springs	33.25	245	P	02 08 01.1	-0.9
ASAR	Alice Springs	33.25	245	P	02 08 44.9	-3.9
ASAR	Alice Springs	33.25	245	P	02 10 39.1	+0.3
ASAR	Alice Springs	33.25	245	P	02 14 06.2	
ASAR	Alice Springs	33.25	245	P	02 08 01.1	-0.8
KAKA	Kakadu	35.21	265	eP	02 08 03.6	-0.6
FITZ	Fitzroy Crossi	40.07	256	eP	02 08 59.5	+0.5
FITZ	Fitzroy Crossi	40.07	256	P	02 08 59.6	+0.6
FITZ	Fitzroy Crossi	40.07	256	P	02 09 45.1	-2.1
FORZ	Forrest	40.32	236	iP	02 09 01.7	+0.8
MBWA	Marble Bar	45.81	252	eP	02 09 45.6	+0.5
MBWA	Marble Bar	45.81	252	eP	02 10 25.7	
VNDA	Vanda	65.63	181	P	02 12 04.0	-1.2
VNDA	Vanda	65.63	181	eP	02 12 04.6	-0.6
CASY	Cassey	65.90	202	P	02 12 13.9	+6.9
WBA	Scott Base	65.92	180	P	02 11 57.6	-9.4
COCO	West Island	68.13	262	eP	02 12 20.5	-1.3
KMI	Kuming	72.38	301	eP	02 12 50.0	+2.7
KMI	Kuming	72.38	301	eP	02 12 50.0	+2.7
MA2	Magadan	74.21	352	eP	02 12 50.4	+3.5
HIA	Hailar	74.70	330	P	02 12 53.4	-0.6
QSPA	South Pole Qui	78.08	180	iP	02 13 19.9	+1.4
ULN	Ulaanbaatar	79.56	324	eP	02 13 27.6	+0.5
SOMM	Somongo Array	79.93	324	P	02 13 30.4	+1.4
MCK	McKinley	82.68	18	eP	02 13 40.2	-2.7
COLA	College	83.83	18	eP	02 13 48.0	-0.7
YBH	Yreka Blue Hill	83.84	45	P	02 13 50.5	+1.2
ILAR	Eielson Array	84.05	18	P	02 13 49.5	-0.4
NVAR	Mina Array Bea	85.88	50	P	02 14 00.4	+0.9
SYO	Syowa Base	91.21	197	iP	02 14 24.5	+0.6
GCMT	Greyhills	94.06	44	eP	02 14 32.3	-5.2
YKA	Yellowknife Arr	95.33	27	P	02 14 14.8	-1.1
YKA	Yellowknife Arr	95.33	27	P	02 14 18.1	-1.1
ARCES	ARCES Array B	117.42	346	PKP	02 20 03.3	+1.4
LPZA	La Paz	118.85	312	PKP	02 20 08.8	+2.6
LPZA	La Paz	118.85	312	PKP	02 20 08.8	+2.6
KAF	Kangasniemi	122.40	339	eP	02 20 11.9	+0.2
FINES	FINES Array B	122.93	339	PKP	02 20 14.3	+1.5
GERES	GERES Array B	136.91	334	PKP	02 20 41.5	+2.0
HAU	Haudompre	140.46	339	eP	02 20 45.5	-0.5
SSF	Saint Saultje	142.23	341	eP	02 20 47.2	-1.9
SMF	Signal de Mont	142.49	341	eP	02 20 48.6	-0.9
AVF	Avril sur Loir	142.51	341	eP	02 20 48.5	-1.1
BGF	Bois d'Agland	142.88	341	eP	02 20 49.7	-0.5
ORIF	Oris-en-Rattie	143.25	337	eP	02 20 50.3	+0.9
SBF	Saint-Francois	143.50	334	eP	02 20 51.0	+0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, NB2, NB2R, etc.

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

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

IDC 16 03:13:05.1-0.8, 24.42Sx13.25W, mb4.1/8, mb1 4.2/8, mb1mx3.9/17, MS3.9/7, Ms1 3.9/7, ms1mx3.5/18, Error ellipse: s-maj=31.8km s-min=23.6km az=131.0

NEIC 16 03:13:05.0-0.3, 24.71S, 13.15W, h10km, mb4.7/11, Error ellipse: s-maj=12.6km s-min=9.1km az=133.0

ISC 16 03:13:04.0-0.4, 24.59S, 0.08, 13.17W, 0.10, h10km, n39, s1f05/31, mb4.2/20, MS3.9/7, 2D, Southern Mid-Atlantic Ridge

IDC 16 03:35:42.9-0.4, 10.08N, 125.45E, h20km, mb4.4/6, Error ellipse: s-maj=22.4km s-min=9.6km az=70.0

IDC 16 03:35:46.0-0.5, 10.10N, 125.36E, h40km, 71km, mb3.9/10, mb1 4.1/10, mb1mx3.9/20, MS3.2/1, Ms1 3.2/1, ms1mx2.7/21, Error ellipse: s-maj=43.4km s-min=15.7km az=67.0

ISC 16 03:35:42.9-0.5, 10.14N, 0.07, 125.4E, 0.2, h33km, n20, s1f05/20, mb4.1/16, MS3.1/1, Leyte

IDC 16 04:29:14.5-0.5, 0.20, 23Sx173.89W, mb4.7/17, mb1 4.9/19, mb1mx4.8/22, ML5.0/2, MS4.6/16, Ms1 4.6/16, ms1mx4.5/19, Error ellipse: s-maj=23.7km s-min=13.3km az=139.0

NEIC 16 04:29:21.5-0.2, 0.20, 37Sx173.80W, h50km, mb4.9/37, Error ellipse: s-maj=10.8km s-min=5.7km az=144.0

HRVD 16 04:29:21.4-0.2, 0.20, 58S, 0.3, 121W, h15km, 1km, MW5.1/61, Centroid moment Tensor Solution, LP body waves: s33, s53, Mantle waves: s61, c102; Half duration: O Moment tensor: Scale 10^16Nm; M3, 60z, 20; M0, 0.08z, 13; M0, -3.6z, 15; M0, 2.50z, 53; M0, -0.72z, 11; M0, 2.9z, 45; Best double couple: M0, 3.7x10^16 NP1, 9z, 173; s26z, 155z, NP2, 3z, 10z, 86z, 106z; Principal axes: T, 5.52, P, 6.63, Azm325z; N, -3, P, 15z, Azm205z; P-5.23, P, 2z, Azm109z; nsta1 refers to surface waves, cutoff=50s.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMB0, VANDA, SBA, YKA, etc.

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

TRN 16 03:28:05.6, 15.76N, 61.44W, h24km, MD3.8, 4C-2D, Leeward Islands

IDC 16 03:49:25.3-0.8, 19.24N, 145.53E, mb3.9/8, mb1 4.2/8, mb1mx3.9/21, MS3.5/2, Ms1 3.5/2, ms1mx3.0/26, Error ellipse: s-maj=65.1km s-min=18.8km az=111.0, Mariana Islands

IDC 16 04:29:14.5-0.5, 0.20, 37Sx173.80W, h50km, mb4.9/37, Error ellipse: s-maj=10.8km s-min=5.7km az=144.0

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

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

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

MAN 16 03:34:58.6, 0.10, 21N, 125.24E, h1km, mb5.0, ML4.0, MS4.1 IDC 16 03:34:59.1-0.8, 10.01N, 125.34E, mb3.9/10, mb1 4.1/10, mb1mx4.0/19, MS3.1/2, Ms1 3.1/2, ms1mx2.0/21, Error ellipse: s-maj=30.8km s-min=15.9km az=64.0

NEIC 16 03:35:02.4-0.5, 10.03N, 125.29E, h20km, mb4.8/8, Error ellipse: s-maj=29.1km s-min=10.8km az=73.0

ISC 16 03:34:58.6-0.4, 10.15N, 0.03, 125.35E, 0.05, h10km, n36, s1f30/39, mb4.2/17, MS2.8/1, 1C-2D, Leyte

NEIC 16 03:51:12.7, 38.20S, 178.77E, h12km, ML3.9(WEL), After WEL

WEL 16 03:51:11.7-0.4, 38.20S, 178.86E, h12km, ML3.9, 1C-1D, Error ellipse: s-maj=3.3km s-min=1.5km az=90.0, Off east coast of North Island

IDC 16 04:29:14.5-0.5, 0.20, 37Sx173.80W, h50km, mb4.9/37, Error ellipse: s-maj=10.8km s-min=5.7km az=144.0

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

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

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



Table with columns: VDA, Vanda, 58.33 186 eP, P, 04 39 13.2 +1.4, etc. Lists various astronomical objects and their properties.

Table with columns: VNA2, Neumayer-Watz, 88.36 176 e, P, 04 42 24.9 +1.8, etc. Lists astronomical objects and their properties.

Table with columns: DBIC, Dimbokro, 162.57 140 PKP, PKPdf, 04 49 20.6 +3.7, etc. Lists astronomical objects and their properties.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CRP Crater Peak, SPUR Mount Spurr, CKN Chakachatna No, etc.

TRN 16 08:28:12.1, 15.82N-61.43W, h23km
IDC 16 08:28:14.6, 1.3, 16.45N-61.43W, mb3.7/4, mb1 4.1/4, mb1 mx3.6/20, Error ellipse: s-maj=42.3km s-min=31.1km

ISC 16 08:28:13.7, 0.15, 15.82N-0.04-61.5W, 0.1, h24km, n15, 0.079/21, mb3.7/4, 3C-5D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MG G Marie-Galante, BBL Barber's Block, DWS Wesley, etc.

NEIC 16 08:31:21.9, 0.30, 97S-71.80W, h18km, ML3.9(GUC), After GUC

GUC 16 08:31:21.9, 0.30, 97S-71.80W, h18km, ML3.9(GUC), After GUC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OVCH Ovalle, CMCH Combarbala, ILCH Illapel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LME Las Melosas, SFDO San Fernando, IDC 16 08:47:16.2, etc.

TIF 16 08:59:23.2, 4.1, 52N-43.77E, h8km, MPV3.5, 2C-2D, Key-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AKH Akhalkalaki, TBLG Delisi, DUS Dusheti, etc.

IDC 16 09:01:33.0, 0.9, 0.50S-20.09W, mb4.2/11, mb1 4.3/13, mb1 mx4.1/24, ML4.7/1, MS3.8/7, Ms1 3.9/7, ms1mx3.5/20, NEIC 16 09:01:35.0, 0.6, 0.4S-20.07W, h10km, mb4.5/10, Error ellipse: s-maj=17.6km s-min=9.5km az=154.0

SUI 16 09:01:35.0, 0.6, 0.4S-20.10W, h10km, MB4.5

ISC 16 09:01:32.7, 0.8, 0.8S-20.19W, 0.1, h10km, n34, 0.093/24, mb2.7/0, MS3.9/6, 1C-1D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DBIC Dimbokro, DBFB Brasilia, MTE Manteigas, etc.

ISC 16 09:44:09.0, 1.0, 10.87S-121.99E, mb4.0/4, mb1 4.5/7, mb1 mx4.3/12, ML4.3/3, MS3.4/3, Ms1 3.5/3, ms1mx3.0/13, Error ellipse: s-maj=79.5km s-min=19.1km az=64.0

NEIC 16 09:44:09.0, 6.0, 5.1108S-121.65E, h10km, mb4.7/7, Error ellipse: s-maj=16.1km s-min=7.7km az=224.0

ISC 16 09:44:10.5, 0.5, 11.55S-110.121, 33E-0.09, h33km, n29, 0.155/40, mb4.3/8, MS3.4/2, 4C-8D, South of Timor

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

IDC 16 09:04:43.9, 1.6, 16.15S-178.31W, mb3.9/6, mb1 4.2/6, mb1 mx3.9/14, 1D, Error ellipse: s-maj=107.0km s-min=21.9km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STKA Stephens Creek, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

ellipse: s-maj=3.4km s-min=2.6km az=43.0
ISC 16 09:17:18.1, 0.6, 36.98N-0.04-27.75E, 0.05, h18km, 7km, n17, 0.107/24, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BDRM Kayabasi, ARG Yerkesik, AYDN Tasuluk, etc.

IDC 16 09:33:31.4, 1.2, 76.31N-6.89E, mb3.5/4, mb1 4.0/5, mb1 mx3.7/19, ML3.0/1, MS3.6/3, Ms1 3.6/6, ms1mx3.3/19, Error ellipse: s-maj=59.6km s-min=16.9km az=92.0

BER 16 09:33:31.3, 35.0, 78.07N-29.92E, h15km, 92km, ML2.0(NAO)

NAO 16 09:33:31.3, 35.0, 78.07N-29.92E, h15km, 92km, ML2.0

ISC 16 09:33:31.1, 3.8, 76.39N-0.09-8.1E, 0.3, h14km, 27km, n13, 0.086/12, mb3.5/4, MS3.7/4, 1D, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HSP Hornsund, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

IDC 16 09:44:09.0, 1.0, 10.87S-121.99E, mb4.0/4, mb1 4.5/7, mb1 mx4.3/12, ML4.3/3, MS3.4/3, Ms1 3.5/3, ms1mx3.0/13, Error ellipse: s-maj=79.5km s-min=19.1km az=64.0

NEIC 16 09:44:09.0, 6.0, 5.1108S-121.65E, h10km, mb4.7/7, Error ellipse: s-maj=16.1km s-min=7.7km az=224.0

ISC 16 09:44:10.5, 0.5, 11.55S-110.121, 33E-0.09, h33km, n29, 0.155/40, mb4.3/8, MS3.4/2, 4C-8D, South of Timor

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

ATH 16 09:07:17.3, 36.92N-27.75E, h10km, MD3.0/3
ISK 16 09:07:18.8, 37.11N-27.88E, h21km, MD3.1
CSEM 16 09:07:18.5, 0.1, 37.00N-27.84E, h40km, MD3.1, Error

NEIC 16 09:49:29.2, 17.04N-100.49W, h6km, MD3.6(MEX), After

MEX. MEX 16 09:49:49.5,0.8, 17.01N<100.48W, h5km, MD3.6, Guerrero

MAN 16 09:54:38.2, 17.85N<120.32E, h28km, mb4.2, ML3.0, MS2.7, 1C-2D, Luzon

NEIC 16 09:55:03.0, 17.60S<125.12E, h12km, mb3.9/3, ML3.6(AUST), After AUST.

AUST 16 09:55:03.5, 17.60S<125.12E, h12km, ML3.6, 3C-1D, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAIG, ACX, ZIIG, etc.

PRU 16 10:46:29.5, 50.25N, 19.04E WAR 16 10:46:29.3, 50.07N, 19.13E, h1km, Location given by Central Institute of Mining, origin time based upon OJC, Poland

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

IDC 16 10:59:53.7, 1.4, 6.95N-75.75W, mb3.5/1, mb1 3.7/2, mb1mx3.4/18, ML2.1/1, Error ellipse: s-maj=102.0km s-min=24.4km az=61.0, Northern Colombia

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

IDC 16 11:16:06.0, 1.0, 0.41S, 16.08W, mb4.1/8, mb1 4.2/9, mb1mx4.0/21, ML3.6/1, MS3.8/7, Ms1 3.8/7, ms1mx3.5/22, Error ellipse: s-maj=33.6km s-min=23.6km az=119.0

NEIC 16 11:16:07.8, 0.5, 0.39S, 16.06W, h10km, mb4.7/10, Error ellipse: s-maj=17.9km s-min=13.5km az=127.0

IDC 16 11:16:06.2, 0.6, 0.35S, 0.1, 16.1W, 0.1, h10km, n25, 0.1506/19, mb4.4/15, MS3.8/6, 1C, North of Ascension Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, GERES, MIL, etc.

NEIC 16 11:37:51.3, 33.87N<118.73W, ML3.6(PAS), After PAS., Southern California

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

JMA 16 11:38:25.0, 1.1, 33.24N<137.21E, h41km, 2km, M3.7, IDC 16 11:38:26.1, 0.9, 33.26N<137.20E, 0.03, h41km, n19, 0.0567/36, 9D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK01, TK02, etc.

IDC 16 12:04:31.9, 0.8, 27.52N<140.28E, h469km, 13km, mb3.0/4, mb1 3.1/4, mb1mx2.7/21, Error ellipse: s-maj=38.8km s-min=19.9km az=85.0

JMA 16 12:04:32.0, 1.2, 27.75N<140.87E, h489km, M3.8, IDC 16 12:04:31.5, 0.8, 27.5N<140.3E, 0.1, h461km, 10km, n13, 0.0775/15, mb3.3/4, Bonin Islands region

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

IDC 16 12:18:41.2, 7.0, 5.56S<147.15E, h164km, 40km, mb3.1/3, mb1 3.1/5, mb1mx3.0/14, Error ellipse: s-maj=70.2km s-min=49.1km az=45.5, Eastern New Guinea region

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

IDC 16 12:29:19.6, 2.4, 46.0N, 0.1, 133.6E, 0.2, n6, 0.0216/16, 1C, Austria

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

NEIC 16 12:35:28.6, 54.00N<162.08W, h20km, After AEIC, IDC 16 12:36:06.7, 6.5, 55.32N<154.37W, mb3.0/2, mb1 3.4/3, mb1mx3.3/21, ML3.3/1, Error ellipse: s-maj=173.0km s-min=38.0km az=73.0

IDC 16 12:35:27.1, 1.3, 54.0N, 0.1, 116.2W, 0.1, h50km, n22km, n27, 0.0568/30, mb2.9/1, South of Alaska

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

CSEM 16 12:43:29.1, 32.28N<47.57E, h38km, ML3.5, After THR THR 16 12:43:29.1, 0.3, 32.28N<47.57E, h38km, 3km, ML3.5, Iran-Iraq border region

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

NDI 16 12:46:39.9, 3.7, 17.38N<73.80E, h82km, 10km, MD3.4, ML3.5, IDC 16 12:46:41.6, 0.5, 17.45N<0.04, 74.22E, 0.06, h36km, 9km, n17, 0.1504/25, 3C, Southern India

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

VIS 16 12:55:53.2, 50.33N<18.95E, h0km, ML2.6, Mining

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

PRU 16 12:55:52.5, 50.23N<19.07E, h0km, ML2.6, Mining

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











Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like WRAB Tarrant Creek, WRA Warrungarra Arr, ASAR Alice Springs, etc.

NEIC 16 17:03:24.1±3.6, 36.21N±1.19E, h176km±25km, mb3.8/3, Error ellipse: s-maj=42.7km s-min=17.6km az=224.0

ISC 16 17:03:30.4±1.1, 0.36, 33N±1.20E, h234km, 109km, mb3.4/5, mb1 3.6/5, mb1mx3.1/1.8, Error ellipse: s-maj=78.0km s-min=30.8km az=43.0

ISC 16 17:03:29.2±1.5, 36.87N±0.07, 71.5E±0.2, h218km±14km, n14, c056/25, mb3.5/6, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, THN Almayusha, UCH Uchtor, etc.

TAP 16 17:03:42.2, 22.81N±120.70E, h17km, ML3.5, Taiwan

ISC 16 17:15:04.6±2.4, 25.29N±94.67E, h28km±6km, mb3.8/5, mb1 4.0/6, mb1mx3.6/2.0, ML3.7/1, Error ellipse: s-maj=95.2km s-min=19.2km az=77.0

ISC 16 17:15:12.5±0.8, 25.25N±0.1, 94.31E±0.09, h137km±8km, n14, c0570/22, mb3.8/5, 1C, Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like IMP Imphal, SHL Shillong, CMAR Chiang Mai Arr, etc.

NEIC 16 17:22:01.0±0.5, 34.22N±16.16W, h10km, mb4.4/4, Error ellipse: s-maj=11.8km s-min=4.3km az=121.0

MDD 16 17:22:02.9±1.9, 34.28N±16.29W, h27km±22km, mb4.9/22, Error ellipse: s-maj=23.5km s-min=5.4km az=118.0, PRXIMO

SFS 16 17:22:02.0, 34.27N±16.30W, ML5.0, PDA 16 17:22:02.7, 34.30N±16.30W, h29km, mb5.0

IDA 16 17:22:03.0±0.9, 34.22N±15.72W, mb4.0/9, mb1 4.3/10, mb1mx3.9/2.3, ML5.6/1, Error ellipse: s-maj=25.1km s-min=21.5km az=54.0

CSEM 16 17:22:03.7±0.2, 33.85N±15.42W, h30km, mb4.6/1, Error ellipse: s-maj=8.1km s-min=2.8km az=125.0

LDG 16 17:22:04.5±0.2, 34.26N±16.23W, h30km, Md4.4/1, Md4.1/4, Error ellipse: s-maj=8.8km s-min=2.9km az=119.0

INMG 16 17:22:06.3±2.2, 34.30N±16.31W, h10km, MD3.9, ML3.8, Error ellipse: s-maj=14.0km s-min=3.4km az=114.0

CNRM 16 17:22:17.7, 34.75N±15.14W, h34km, MD4.4, ISC 16 17:22:00.7±0.4, 33.98N±0.03, 15.41W±0.04, h10km, n120, c151/182, mb4.1/12, 2C-2D, Madeira islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like CFUE Fuerteventura, CFUE Bajamar, EBAJ Bajamar, etc.

Main table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like EHIG Higueru, EHIG Higueru, CCAN Las Canadas, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like EMAZ Calabor, ECAL Calabor, ECAL Berja, etc.

PRE 16 17:26:02.3±2.0, 28.07S±26.86E, h2km, ML3.8, South Africa

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like SEK Senekal, KSR Koster, SLR Silverton, etc.

JMA 16 17:29:21.9±0.2, 24.61N±122.18E, h51km, M2.1





16d 21h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Baijiatou, Beijing, Enshi, Fitzroy Crossi, Alice Springs, etc.

2000 DEC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARCES ARCESS Array B, ELKO, NLU North Lily Min, PDAR Pinedale Array, etc.

996

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HATJ Hateruma jima, IRIIF Iriomote-Funau, YONAGUNI, etc.









PSZ	Piszkesteto	5.80 33	eS	Sn	01 44 33.5	-2.3
GERES	GERESS Array S	5.81 350	ePn	Pn	01 43 27.7	-0.2
GERES	GERESS Array B	5.81 350	ePn	Pn	01 43 27.7	-0.1
comp=Z,1.9nm,0.3s,baz=170,slow=13,SNR=88						
GERES	comp=Z,8.6nm,0.3s,baz=168,slow=25,SNR=20			Sn	01 44 32.8	-3.3
STV2	Anna di Valdie	5.84 284	P	Pn	01 43 27.8	-0.5
STV2	Anna di Valdie	5.84 284	P	Pn	01 43 27.8	-0.4
STV	Sta Anna Valdi	5.84 284	P	Pn	01 43 28.2	-0.1
STV	Sta Anna Valdi	5.84 284	P	Pn	01 43 28.2	-0.1
TOUF	Mont Tourmerai	5.87 281	P	Pn	01 43 28.9	+0.3
VYHS	Vyhne	5.92 24	ePn	Sn	01 43 29.0	-0.5
VYHS			eSN	Sn	01 44 35.4	-3.5
BHB	Bricherasio	6.00 289	P	Pn	01 43 28.7	-1.7
BHB	Bricherasio	6.00 289	P	Pn	01 43 28.7	-1.8
KNT	Kendrickon	6.03 106	ePn	Pn	01 43 29.1	-1.2
KNT	Kendrickon	6.03 106	ePn	Pn	01 43 29.1	-1.8
PZZ	Prazzo	6.04 286	P	Pn	01 43 29.7	-1.4
PZZ	Prazzo	6.04 286	P	Pn	01 43 29.7	-1.4
RSP	Reno Superiore	6.08 292	P	Pn	01 43 29.0	-2.7
RSP	Reno Superiore	6.08 292	P	Pn	01 43 29.0	-2.7
KHC	Kasperske Hory	6.11 350	ePn	Sn	01 43 31.6	-0.5
KHC			eX	Sn	01 43 30.2	-2.9
KHC			eSN	Sn	01 44 39.2	-4.3
FENE	Fenestrelle	6.18 291	P	Pn	01 43 30.2	-2.9
FENE	Fenestrelle	6.18 291	P	Pn	01 43 30.2	-2.9
LIT	Litokhoron	6.23 117	ePn	Sn	01 43 31.6	-2.1
LIT			eSN	Sn	01 43 31.7	-2.2
WET	Wetzell	6.23 346	ePn	Pn	01 43 33.1	-0.7
SURF	Saint Ours	6.24 285	P	Pn	01 43 33.9	0.0
LSD	Ceresole Reale	6.24 295	P	Pn	01 43 33.5	-0.4
LSD	Ceresole Reale	6.24 295	P	Pn	01 43 33.5	-0.5
VRAC	Vranov	6.25 8	P	Pn	01 43 34.0	-0.1
VRAC	comp=Z,0.7nm,0.3s,baz=196,slow=12,SNR=5.7			Sn	01 44 42.0	-5.1
FRF	La Foret Royal	6.27 277	ePn	Sn	01 44 40.2	-7.5
FRF	La Foret Royal	6.27 277	ePn	Sn	01 43 33.8	-0.6
FRF			eSN	Sn	01 44 40.2	-7.5
MBDF	Montbardon	6.31 288	ePn	Sn	01 44 41.3	-7.3
MBDF	Montbardon	6.31 288	ePn	Sn	01 43 33.8	-1.1
MBDF			eSN	Sn	01 44 41.3	-7.3
RRR	Cesana Torines	6.35 289	P	Pn	01 43 33.9	-1.5
LRL	La Moure	6.38 275	ePn	Sn	01 43 34.3	-1.5
LRL			eSN	Sn	01 44 42.0	-8.2
LMR	La Moure	6.38 275	ePn	Sn	01 44 42.0	-8.2
SOH	Sokhos	6.48 108	ePn	Pn	01 43 34.8	-2.4
LPG	La Plagne	6.53 294	ePn	Pn	01 43 35.8	-2.1
LPG			eSN	Sn	01 44 46.4	-7.6
SRS	Serrai	6.54 105	ePn	Pn	01 43 36.1	-1.9
SRS			eSN	Sn	01 44 47.9	-6.2
LPL	La Plagne	6.54 294	ePn	Pn	01 43 36.8	-1.4
LPL			eSN	Sn	01 44 46.8	-7.6
LPL	La Plagne	6.54 294	ePn	Sn	01 44 46.8	-7.6
AGG	Agios Georgios	6.75 125	ePn	Sn	01 43 39.5	-1.7
AGG			eSN	Sn	01 44 53.1	-6.6
GDM	Grand/Maison	6.87 291	P	Pn	01 43 43.3	+0.5
PRU	Prunhonic	6.88 356	ePn	Sn	01 43 41.7	-1.2
ORIF	Oris-en-Rattie	6.97 288	ePn	Sn	01 44 57.3	-5.4
ORIF			eSN	Sn	01 43 42.9	+7.2
ORIF			eSN	Sn	01 44 57.0	-8.1
XOR	Xorichit	7.08 119	ePn	Pn	01 43 43.7	-2.0
XOR			eSN	Sn	01 45 00.5	-7.4
BFO	Black Forest	7.09 320	ePn	Pn	01 43 40.2	-3.0
OUR	Ouranopolis	7.12 110	ePn	Pn	01 43 44.0	-2.3
GRN	Granob	7.14 290	P	Pn	01 43 46.6	+0.1
NKC	Novy Kostel	7.36 346	ePn	Pn	01 43 49.0	-0.6
NKC			eSN	Sn	01 45 09.4	-5.3
CABF	La Chapelle	7.37 301	ePn	Pn	01 43 47.9	-1.9
CABF			eSN	Sn	01 45 06.1	-8.9
HOF	Molkenrain	7.39 312	P	Pn	01 43 49.6	-0.5
HOF	Hintertraif	7.52 311	ePn	Pn	01 43 49.0	-2.9
HOF			eSN	Sn	01 45 10.2	-8.7
ECH	Echery	7.60 315	P	Pn	01 43 53.1	+0.1
CDF	Champ du Feu	7.67 316	ePn	Pn	01 43 52.4	-1.6
CDF			eSN	Sn	01 45 12.7	-10
BRG	Berggiesshubel	7.79 354	ePn	Pn	01 43 54.0	-1.7
BRG			eSN	Sn	01 45 34.5	
BRG			iSg	rx	01 47 00.0	
VIVF	Saint-Julien-I	7.81 286	ePn	Sn	01 43 53.9	-2.0
VIVF			eSN	Sn	01 45 16.4	-10
HAU	Haudompre	7.91 311	ePn	Pn	01 43 56.0	-1.3
HAU			eSN	Sn	01 45 20.3	-8.2
MOX	Moxa	7.91 343	iP	Pn	01 43 55.7	-1.7
MOX			S	Sg	01 45 20.0	-8.6
MOX			Sg	Sg	01 46 09.0	-13
MOX			eSN	Pn	01 43 55.7	-1.7
MOX			eSN	Pn	01 45 20.7	-7.9
MOX			eSg	Sg	01 46 08.7	-13
MLR	Muntele Rosu	8.04 69	Pn	Pn	01 43 57.9	-1.2
LASF	Ste Croix	8.31 280	ePn	P	01 43 59.8	-3.1
CLL	Collm	8.32 350	ePn	Pn	01 44 02.6	-0.5
CLL			eSg	Sg	01 46 32.0	-3.4
CLL			iPn	Pn	01 44 02.6	-0.5
CLL			e	Sg	01 46 20.0	
CLL			eSg	Sg	01 46 32.0	-3.4
ALN	Alexandroupoli	8.36 102	ePn	Pn	01 44 01.6	-2.0
SMF	Signal de Mont	8.81 297	ePn	Pn	01 44 06.5	-3.4
SMF			eSN	Sn	01 45 40.8	-10
SSF	Saint Saulege	9.18 299	ePn	Pn	01 44 12.5	-2.4
SSF			eSN	Sn	01 45 49.9	-11
AVF	Avril sur Loir	9.18 298	ePn	Pn	01 44 12.7	-2.3
AVF			eSN	Sn	01 45 49.3	-11
BGF	Bois d'Angland	9.44 296	ePn	Pn	01 44 15.6	-3.0
BGF			eSN	Sn	01 45 56.1	-11
CAF	Calviac	9.65 285	ePn	P	01 44 19.9	-1.6
TCF	Toul Ste Croi	9.79 293	ePn	P	01 44 20.5	-2.9
RJF	Les Rejayoud	10.02 98	P	Pn	01 44 24.0	-3.4
BRTR	Keskin Array B	14.28 287	ePn	P	01 45 31.0	+7.9
comp=Z,0.1nm,0.3s,baz=309,slow=9.2,SNR=3.3						
FINES	FINES Array B	19.45 16	P	P	01 46 26.5	-2.4
comp=Z,0.3nm,0.3s,baz=191,slow=11,SNR=12						
FINES	FINES Array B	19.45 16	P	P	01 46 26.5	-2.4
ZAL	Zalesovo	45.53 51	P	P	01 50 19.3	-1.7
comp=Z,0.6s,mb3,8,baz=208,slow=2.3,SNR=3.3						
SOMN	Songino Array	60.44 51	P	P	01 52 09.8	-1.9
comp=Z,0.5nm,0.8s,mb3,6,baz=289,slow=6.2,SNR=3.7						

mb1mx3.8/21, Error ellipse: s-maj=87.5km s-min=54.6km az=11.0

NEIC 17 02:07:09.6,6.8,24.04N:122.40E,h13km,27km,mb4.0/2, Error ellipse: s-maj=63.3km s-min=41.1km az=183.0

TAP 17 02:07:12.2,24.05N:122.29E,h13km,ML4.2

JMA 17 02:07:12.1,1.8,24.22N:122.22E,h41km,M3.7

ISC 02 07:12.1,1.8,24.22N:122.22E,0.05,h30km,9gkm, n18,c074/23,mb3.9/8,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
YOJ	Yonaguni jima	0.78	68	P	02 07 27.0	0.0
YOJ				Sb	02 07 36.7	-0.5
TATO	Taipei	1.05	32	ePg	02 07 33.9	+3.0
IRIF	Iriomote-Funau	1.39	83	P	02 07 36.2	+0.4
HATJ	Hateruma jima	1.45	94	P	02 07 54.3	+1.1
HATJ				eS	02 07 37.0	+0.3
JKRS	Kuro-shima	1.63	87	P	02 07 39.8	+0.5
JJJ	Ishigaki	1.76	83	P	02 07 40.3	-0.9
JTJ	Tarama	2.31	78	eS	02 08 02.2	-0.6
JTJ				eSN	02 07 18.6	+0.1
JMJ	Miyako jima 2	2.87	76	eS	02 08 31.9	+1.0
JOGS	Gokusube	2.96	78	eS	02 08 32.4	-0.8
JKE	Kume jima 2	2.46	66	P	02 08 22.1	-0.3
ULN	Ulanabaatar	26.54	37	P	02 12 49.2	+0.1
1.7nm,0.6s,mb3,8						
SOMN	Songino Array	26.76	336	P	02 12 51.2	0.0
3.5nm,0.7s,mb4.0,baz=149,slow=9.7,SNR=33						
ZAL	Zalesovo	40.78	327	P	02 14 51.8	-0.4
1.7nm,0.6s,mb3.7,baz=129,slow=7.6,SNR=12						
BVAR	Boroyove Array	48.29	320	P	02 15 52.4	-0.1
0.8nm,0.5s,mb4.0,baz=112,slow=8.0,SNR=7.1						
BRVK	Boroyove	48.36	321	eP	02 15 53.1	+0.1
1.6nm,0.7s,mb4.2						
FINES	FINES Array B	71.94	330	P	02 18 32.6	-1.8
3.6nm,1.0s,mb2.2,baz=68,slow=7.5,SNR=5.3						
BRTR	Keskin Array B	73.94	307	P	02 18 47.0	+0.5
1.1nm,0.6s,mb4.0,baz=90,slow=4.1,SNR=8.1						
YKA	Yellowknife Ar	82.61	23	P	02 19 33.1	-0.4
0.2nm,0.6s,mb2.2,baz=311,slow=4.5,SNR=6.2						

ISC 17 02:10:19.4,2.5, 6.67S:149.92E,mb4.1/5,mb1 4.4/6, mb1mx4.0/14,ML3.2/1, Error ellipse: s-maj=60.3km s-min=34.2km az=163.0

NEIC 17 02:10:26.6,1.7, 6.80S:149.78E,h45km,mb4.3/3, Error ellipse: s-maj=44.4km s-min=19.2km az=156.0

ISC 17 02:10:26.7,4.9,6.85S:139.47E,0.3,h63km,32km,n12, 0.6/1/13,mb3.9/4,1D,New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PMG	Port Moresby	3.63	224	Pn	02 11 21.9	+0.1
14nm,0.3s,baz=50,slow=11,SNR=30						
PMG				S	02 12 04.1	+0.4
PMG	Port Moresby	3.63	224	ePn	02 11 21.7	-0.1
PMG				S	02 12 04.1	+0.4
WRAB	Tennant Creek	18.93	227	eP	02 14 54.3	-0.7
16nm,0.5s						
WRAB				eP	02 15 04.9	
WRAB				eS	02 15 10.9	
WRA	Warramunga Arr	19.84	227	P	02 14 54.5	-0.7
9.5nm,0.5s,baz=53,slow=11,SNR=140						
ASAR	Alia Springs	22.64	220	P	02 15 23.7	+0.3
1.5nm,0.7s,mb3.8,baz=56,slow=9.2,SNR=34						
ASPA	Alia Springs	22.64	220	eP	02 15 23.7	+0.3
FITZ	Fitzroy Crossi	26.02	242	eP	02 15 56.1	+0.2
4.8nm,0.4s,mb4.4						
FITZ	Fitzroy Crossi	26.02	242	P	02 15 56.5	+0.6
8.9nm,0.8s,mb4.3,baz=45,slow=7.8,SNR=25						
STKA	Stevens Creek	26.09	196	iP	02 15 55.4	-1.0
1.3nm,0.6s,mb3.6						
STKA	Stevens Creek	26.09	196	P	02 15 55.4	-1.0
1.6nm,0.6s,mb3.8,baz=15,slow=9.9,SNR=8.5						
VNDA	Vanda	70.98	177	P	02 21 40.1	+1.0
0.7nm,0.6s,mb3.8,baz=20,slow=7.9,SNR=4.5						
BDFB	Braemar	151.63	142	PKPbc	02 30 16.9	+8.5
1.7nm,0.5s,baz=200,slow=2.1,SNR=3.8						

NEIC 17 02:24:16.6, 18.44N:68.66W,h187km,MD3.7(RSPR), After RSPR.

RSPR 17 02:24:16.6, 18.44N:68.66W,h187km,2km,MD3.7/10, MD3.7/10,10C,Monna Passage

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LSP	Las Mesas	1.51	100	eP	02 25 15.1	-0.1
LSP	Las Mesas	1.51	100	eP	02 24 49.4	-0.2
LSP				eS	02 25 15.1	-0.1
MGP	Maguayo	1.55	106	eP	02 24 49.3	-0.7
LRS	Lares	1.73	94	eP	02 25 15.2	-0.2
AOPR	Arecibo Observ	1.81	93	eS	02 25 20.3	0.0
AOPR	Arecibo Observ	1.81	93	eP	02 24 52.4	-0.1
AOPR				eS	02 25 20.3	0.0
AOPR	Portugez	1.96	101	eP	02 24 53.9	-0.1
CPBR	Cerrillos	2.00	100	eP	02 25 23.2	+0.3
CELP	Cerrillos	2.00	100	eP	02 24.4	-0.2
CELP				eS	02 25 24.5	+0.7
CSJ	Colonia Sabana	2.38	93	eP	02 24 58.7	-0.1
CSB	San Juan	2.40	97	eP	02 24 59.2	+0.1
CBYP	Canovanas	2.66	93	eS</		







TSZ	Takapari Road	18.49 191	P	P	07 16 50.6	-0.5
TSZ	Takapari Road	18.49 191	P	P	07 16 50.9	-0.2
MRZ	Mangatainoka R	19.14 192	P	P	07 16 55.4	-1.7
MRZ	Mangatainoka R	19.14 192	P	P	07 16 55.3	-1.8
KIW	Kapiti Island	18.47 193	P	P	07 16 59.8	-0.4
MTW	Mount Morrison	19.62 192	P	P	07 17 00.8	-0.9
MTW	Mount Morrison	19.64 192	P	P	07 17 00.6	-1.1
MRW	Makara Road	19.87 193	P	P	07 17 03.5	-0.3
MSWZ	Moikau Station	19.93 192	P	P	07 17 03.7	-0.7
BHW	Barrow Hill	20.00 193	P	P	07 17 04.2	-0.9
QRZ	Quartz Range	20.03 198	P	P	07 17 06.9	+1.2
GRZ			eS	S	07 17 06.3	-0.3
NZ	Nelson	20.17 196	P	P	07 18 02.3	
NNZ			pP	P	07 17 09.7	0.0
BSWZ	Blackbirch Sta	20.51 195	P	P	07 17 11.1	-0.2
THZ	Tophouse	20.80 196	P	P	07 17 11.9	-0.4
THZ	Tophouse	20.80 196	P	P	07 20 23.4	-3.7
THZ			eS	S	07 17 15.0	-1.5
KHZ	Kahutara	21.26 195	eP	P	07 17 15.3	-1.2
KHZ	Kahutara	21.26 195	eP	P	07 20 31.0	-3.6
KHZ			eS	S	07 23 38.0	
LTZ	Lake Taylor	21.92 197	iP	P	07 17 21.2	-1.4
WVZ	Waitaha Valley	22.63 199	iP	P	07 17 28.6	-0.3
WVZ			eS	S	07 20 51.7	-4.9
MOZ	McQueen's Vall	22.69 195	eP	P	07 17 28.5	-0.9
MOZ	McQueen's Vall	22.69 195	eP	P	07 17 28.5	-0.9
RPZ	Rata Peaks	23.12 198	P	P	07 17 32.6	-0.8
RPZ	comp=Z,49nm,0.4s,mb5.4,baz=354,slow=2.4,SNR=14		S	S	07 20 59.7	-4.6
FOZ	Fox Glacier	23.40 200	P	P	07 17 34.3	-1.5
LBZ	Lake Benmore	23.99 199	eP	P	07 17 39.7	-1.3
JCZ	Jackson Bay	24.16 201	P	P	07 17 42.7	+0.2
JCZ	Jackson Bay	24.16 201	P	P	07 17 42.5	0.0
JCZ			eS	S	07 21 19.1	-1.8
ODZ	Otahua Downs	24.46 197	eP	P	07 17 44.5	-0.6
ODZ	Otahua Downs	24.46 197	eP	P	07 17 44.5	-0.6
WKZ	Wanaka	24.74 200	P	P	07 17 46.9	-0.8
WKZ	Wanaka	24.74 200	P	P	07 17 46.8	-0.9
MSZ	Milford Sound	24.97 202	P	P	07 17 50.0	+0.4
EAZ	Earnsclough	25.02 199	eP	P	07 17 49.8	-0.5
EAZ	Earnsclough	25.02 199	eP	P	07 17 49.8	-0.8
MLZ	Mavora Lakes	25.48 201	eP	P	07 17 54.8	+0.7
MLZ	Mavora Lakes	25.48 201	eP	P	07 17 54.5	+0.4
TUZ	Tuapeka	25.58 198	P	P	07 17 55.3	+0.3
TUZ	Tuapeka	25.58 198	P	P	07 17 55.0	0.0
ARMA	Armidale	27.31 246	eP	P	07 18 12.7	+2.4
ARMA			eS	S	07 22 13.5	+3.2
ARMA			eS	S	07 23 58.3	
ARMA			eS	S	07 27 53.5	+7.1
TBI	Tubuai	27.61 99	eP	ScS	07 18 12.2	-0.7
TBI	comp=Z,614nm,1.0s,mb6.2		eS	S	07 24 02.6	
PAE	Paea	28.32 87	eP	P	07 18 18.0	-1.1
PAE	comp=Z,409nm,1.2s,mb5.9		eP	P	07 19 45.4	
PPT	Papeete	28.34 86	P	P	07 18 17.8	-1.5
PPT	comp=Z,186nm,1.0s,mb5.7,baz=219,slow=4.6,SNR=8.8		eP	P	07 18 18.4	-0.9
PPT	comp=Z,316nm,1.3s,mb5.8		eP	P	07 19 46.0	
RIV	Riverview	28.52 239	iP	P	07 18 22.8	+2.1
TIAR	Tiarei	28.56 87	eP	P	07 18 20.3	-0.8
TIAR	comp=Z,622nm,1.0s,mb6.2		eP	P	07 19 48.2	
TIAR	comp=Z,420nm,1.1s		eS	S	07 23 59.5	
TVO	Taravao	28.59 87	eP	P	07 18 20.5	-0.9
TVO	comp=Z,359nm,0.7s,mb6.1		eS	S	07 23 59.6	
MEH	Mehetia	29.67 88	eP	P	07 18 29.4	-1.2
CNB	Canberra Magne	30.37 237	iP	P	07 18 38.8	+2.3
CNB	comp=Z,329nm,1.1s,mb5.9		eS	S	07 22 59.8	+2.1
CNB	comp=Z,914nm,1.0s,mb6.4		eS	S	07 24 08.2	
CNB			eS	S	07 28 05.9	+4.9
PMOR	Pomarioiro Ree	30.59 82	eP	ScS	07 18 37.6	-0.9
PMOR	comp=Z,691nm,1.1s,mb6.2		eS	S	07 24 05.8	
CTA	Charters Tower	32.12 267	iP	P	07 18 52.7	+1.4
CTA	comp=Z,136nm,1.0s		iS	S	07 23 23.8	-0.7
CTA	comp=Z,658nm,0.7s,mb6.4,baz=96,slow=11,SNR=761		eS	S	07 24 13.6	
CTA	comp=Z,630nm,0.6s,mb6.4		eS	S	07 28 15.2	+5.2
CTA	comp=Z,9.5nm,0.8s,baz=182,slow=18,SNR=3.6		S	S	07 24 23.2	-1.3
CTA	comp=Z,104nm,1.0s,baz=109,slow=2.4,SNR=12		ScP	P	07 50 05.9	
CTA	comp=Z,6.1nm,0.8s,baz=303,slow=4.4,SNR=6.4		S	S	07 18 52.3	+1.0
CTA	Charters Tower	32.12 267	P	P	07 18 52.3	+1.0
CTA	comp=Z,658nm,0.7s		pmax	pmax	07 23 23.2	-1.3
CTA	comp=N,10.0nm,0.8s		pmax	pmax	07 18 52.3	+1.0
CTA	comp=Z,104nm,1.0s		pmax	pmax	07 18 52.3	+1.0
CTA	comp=Z,6.0nm,0.7s		pmax	pmax	07 18 52.3	+1.0
CTAO	Charters Tower	32.12 267	eP	P	07 18 52.3	+1.0
CTAO	comp=Z,907nm,0.8s,mb5.5		eP	P	07 18 52.3	+1.0
CTAO	comp=Z,908nm,0.8s,mb5.5		eP	P	07 18 52.3	+1.0
TOO	Toolangi	34.03 235	iP	P	07 19 09.1	+2.0
TOO	comp=Z,168nm,0.9s,mb5.7		eS	S	07 23 53.4	+0.1
TOO			eS	S	07 27 15.1	+2.2
TOO			eS	S	07 28 22.2	+2.3
TOO	Toolangi	34.03 235	iP	P	07 19 09.1	+2.0
TOO			eS	S	07 23 53.4	+0.1
TOO			e	P	07 28 22.2	
PMG	Port Moresby	34.48 286	P	P	07 19 11.8	+0.7
PMG	comp=Z,1um,0.7s,baz=85,slow=5.4,SNR=371		P	P	07 24 21.4	
PMG	comp=Z,153nm,1.0s,baz=61,slow=5.2,SNR=15		P	P	07 19 11.7	+0.6
PMG	Port Moresby	34.48 286	eP	P	07 19 25.8	+2.1
STKA	Stevens Creek	36.03 246	iP	P	07 19 25.8	+2.1
STKA	comp=Z,456nm,0.8s,mb6.1		iS	S	07 24 22.7	-0.6
STKA			eS	S	07 24 28.2	+3.2
STKA			eS	S	07 19 25.8	+2.1
STKA	Stevens Creek	36.03 246	iP	P	07 24 26.9	
STKA	comp=Z,471nm,1.2s,mb5.9		ScP	P	07 20 22.7	-0.5
STKA	comp=Z,65nm,0.8s,baz=14,slow=5.2,SNR=8.4		P	P	07 20 20.5	+0.8
ASAR	comp=Z,52nm,0.9s,baz=112,slow=4.4,SNR=13		ScP	P	07 24 54.8	
ASAR	comp=Z,288nm,0.9s,baz=94,slow=15,SNR=15		ScS	S	07 26 03.2	-0.4
ASAR	comp=Z,39nm,0.9s,baz=97,slow=6.9,SNR=17		ScS	S	07 29 17.2	+4.6
ASAR	comp=Z,0.4nm,0.6s,baz=287,slow=4.1,SNR=9.9		PKP2ab	P	07 49 18.8	
ASAR	comp=Z,1.1nm,0.9s,baz=272,slow=2.5,SNR=4.0		P	P	07 20 20.5	+0.8
ASAR	Alice Springs	42.97 258	iP	P	07 24 54.8	
ASAR			S	S	07 26 03.2	-0.4
ASAR			ScS	ScS	07 29 17.2	+4.6
ASAR			eP	P	07 49 18.8	
ASAR			eP	P	07 53 15.8	
ASPA	Alice Springs	42.97 258	iP	P	07 20 20.5	+0.8

ASPA	Alice Springs	42.97 258	iP	P	07 24 55.4	
ASPA			eS	S	07 26 02.9	+0.8
ASPA			eS	S	07 29 17.1	+4.5
ASPA			eS	S	07 20 20.5	+0.8
ASPA			eS	S	07 28 02.9	-0.8
ASPA			eS	S	07 29 17.1	
WRAB	Tennant Creek	43.16 264	eP	P	07 20 20.8	-0.4
WRAB	comp=Z,3um,1.0s		pmax	pmax	07 20 20.8	-0.4
WRAB	Tennant Creek	43.16 264	eP	P	07 20 20.8	-0.4
WRAB	comp=Z,3um,1.0s		P	P	07 20 20.7	-0.5
WRA	Warramunga Arr	43.17 264	P	P	07 24 55.3	
WRA	comp=Z,943nm,1.0s,mb6.4,baz=97,slow=6.0,SNR=867		ScP	P	07 26 03.8	-2.7
WRA	comp=Z,127nm,1.0s,baz=98,slow=4.2,SNR=26		P	P	07 49 18.3	
WRA	comp=Z,39nm,1.1s,baz=96,slow=14,SNR=9.9		P	P	07 52 25.7	
WRA	comp=Z,1.1nm,0.8s,baz=293,slow=3.1,SNR=8.3		PKP3bc	P	07 20 20.7	-0.5
WRA	comp=Z,3.8nm,1.0s,baz=294,slow=3.7,SNR=11		P	P	07 20 20.7	-0.5
WRA	Warramunga Arr	43.17 264	P	P	07 20 20.7	-0.5
WRA			S	S	07 26 03.8	-2.6
WRA			S	S	07 20 20.7	-0.5
WRA			ScP	P	07 26 03.8	-2.7
WRA			e	P	07 49 18.3	
WRA			e	P	07 52 25.7	
KAKA	Kakadu	46.76 273	iP	P	07 20 48.8	-0.1
KAKA	comp=Z,632nm,0.4s,mb6.5		iS	S	07 25 09.9	
KAKA			eS	S	07 26 54.1	-2.5
FORT	Forrest	47.57 248	iP	P	07 20 54.9	+0.1
FORT	comp=Z,2um,0.8s		eS	S	07 25 14.1	
FORT			eS	S	07 27 05.6	-1.9
GUMO	Guam	49.79 312	P	P	07 21 11.0	-0.5
GUMO	Guam	49.79 312	eP	P	07 21 10.5	-1.0
GUMO	comp=Z,1um,0.9s,mb6.3		pmax	pmax	07 21 10.5	-1.0
FITZ	Fitzroy Crossi	51.60 264	iP	P	07 21 25.0	+0.4
FITZ	comp=Z,789nm,0.9s,mb6.0		eS	S	07 28 02.8	+0.7
FITZ	Fitzroy Crossi	51.60 264	P	P	07 21 25.0	+0.4
FITZ	comp=Z,831nm,1.0s,mb6.0,baz=110,slow=2.8,SNR=358		ScP	P	07 25 32.3	
FITZ	comp=Z,67nm,0.9s,baz=294,slow=1.2,SNR=4.3		P	P	07 28 02.9	+0.8
FITZ	comp=Z,53nm,1.0s,baz=352,slow=19,SNR=8.7		PKPPPK	P	07 51 48.8	
FITZ	comp=Z,18nm,1.1s,baz=6.8,slow=4.5,SNR=7.7		P	P	07 21 57.6	+0.2
KLBR	Kellerberrin	56.30 246	iP	P	07 21 57.5	0.0
KLBR	comp=Z,708nm,1.0s,mb5.8		P	P	07 21 59.5	+0.0
MBWA	Marble Bar	56.31 259	eP	P	07 21 59.5	+2.4
SBA	Scott Base	56.35 184	eP	P	07 21 59.0	+1.9
SBA	comp=Z,330nm,1.2s,mb5.4		pmax	pmax	07 21 59.0	+1.9
SBA	Scott Base	56.35 184	eP	P	07 21 58.7	+1.5
SBA	comp=Z,334nm,1.3s,mb5.4		P	P	07 25 50.8	
VNDA	Vanda	56.36 185	P	P	07 21 58.7	+1.5
VNDA	comp=Z,57nm,1.1s,mb4.7,baz=19,slow=7.3,SNR=220		ScP	P	07 25 50.8	
VNDA	comp=Z,8.0nm,0.9s,baz=326,slow=7.7,SNR=3.5		P	P	07 21 58.7	+1.5
VNDA			pmax	pmax	07 25 50.8	
VNDA	comp=Z,57nm,1.1s		pmax	pmax	07 21 59.1	+1.9
VNDA	comp=Z,8.0nm,0.9s		iP	P	07 21 59.1	+1.9
VNDA	comp=Z,211nm,1.4s,mb5.2		P	P	07 21 59.6	+0.2
NWAO	Narrogin (SRO)	56.59 244	P	P	07 21 59.1	-0.3
NWAO	comp=Z,161nm,0.9s,mb5.2,baz=106,slow=6.8,SNR=36		P	P	07 21 59.1	-0.3
NWAO	Narrogin (SRO)	56.59 244	eP	P	07 21 59.1	-0.3
NWAO	comp=Z,159nm,1.0s		pmax	pmax	07 21 59.1	-0.3
NWAO	Narrogin (SRO)	56.59 244	eP	P	07 21 59.1	-0.3
NWAO	comp=Z,159nm,1.0s,mb5.2		P	P	07 22 06.0	0.0
MUN	Mundaring	57.56 245	eP	P	07 22 06.0	+1.1
MUN	comp=Z,176nm,1.0s,mb5.2		iS	S	07 29 20.6	+1.1
MUN			iS	S	07 29 20.6	+1.1
MUN			pmax	pmax	07 22 30.8	+0.8
BUNI	Buntu Taipa	61.16 278	iP	P	07 22 29.8	-1.2
CBJI	Chichi jima	61.33 321	P	P	07 22 32.4	+0.9
CBJI	comp=Z,80nm,0.5s,mb5.2		P	P	07 22 32.4	+0.9
NINI	Niniconang	61.39 277	eP	P	07 22 32.4	+0.9
NINI	comp=Z,744nm,0.9s,mb5.9		P	P	07 22 32.4	+0.9
NINI	Niniconang	61.39 277	eP	P	07 22 30.0	-2.6
NINI	comp=Z,449nm,0.9s,mb5.2		P	P		





Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULN, INK, SONM, NATX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, ULHL, TKM2, CHMS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TATS, NOA, HFS, ARSS, etc.

17d 7h

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Erdemli, Hanita, Sivrigonyuk, etc.

2004 DEC

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Pruhonice, Moxa, Strazhica, etc.

406

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like DAVOX, KPNR, MZAN, etc.









Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Jose, Chiang Mai, Fitzroy Crossi, Warramunga Arr, Hachiojima 2, Alice Springs, etc.

IDC 17 11:32:38.1±8.2, 17.665±178.59W, h657km, 88km, mb2.8/5, mb1 3.1/5, mb1mx2.8/15, Error ellipse: s-maj=178.0km s-min=24.9km az=152.0, Fiji Islands region

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

NAO 17 12:00:30.6±3.7, 69.25N±30.55E, ML2.0 Suspected explosion BER 17 12:00:34.2±1.1, 69.28N±30.34E, ML1.7, ML2.0(NAO), HEL 17 12:00:30.9±0.2, 69.37N±30.65E, ML1.7, ML1.7(BER), ML2.0(NAO), Explosion, Norway-Murmansk region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kevo, ARCESS Array S, ARAO, SGF, KTK1, MSF, etc.

BER 17 12:27:51.6±0.8, 59.28N±11.18E, ML2.0(NAO), Suspected explosion

NAO 17 12:27:51.1±3.2, 59.29N±11.21E, h11km, 50km, ML2.0, Southern Norway region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NORSAR Subarra, Hagfors, NB2, etc.

CSEM 17 12:30:19.5, 13.66N±48.04E, h29km, ML3.3, After DHMR DHMR 17 12:30:19.3±1.0, 13.47N±48.24E, h66km, ML3.5, 2C-2D, Eastern Gulf of Aden region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AI Mukalla, BDHA, LBSOS, etc.

NAO 17 12:30:41.5±3.7, 80.01N±22.12E, ML2.1 BER 17 12:30:44.0±4.8, 80.00N±22.18E, h15km, 46km, MD3.1, ML2.4, ML2.1(NAO), Svalbard region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPA0, HSP, HOPEN, ARAO, etc.

NAO 17 12:55:51.2±6.1, 67.41N±33.24E, ML2.0 HEL 17 12:55:51.4±0.5, 67.63N±33.77E, ML2.0, ML1.6(BER), ML2.0(NAO), Explosion, Baltic States - Belarus - Northwestern Russia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSF, SGF, KEV, ARAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARAO, ARCESS Array S, Oulu, KTK1, etc.

NAO 17 13:06:59.1±3.6, 67.39N±33.05E, ML2.1 HEL 17 13:06:58.1±0.5, 67.67N±33.77E, ML2.1, ML2.1(NAO), Explosion, Baltic States - Belarus - Northwestern Russia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSF, SGF, KEV, ARAO, etc.

JMA 17 13:08:56.9±0.1, 33.64N±140.35E, h87km±2km, M4.4 JMA Fell II J1, IDC 17 13:08:57.3±0.6, 33.54N±140.20E, h90km±6km, mb3.8/16, mb1 4.0/17, mb1mx4.0/24, Error ellipse: s-maj=18.3km s-min=12.7km az=84.0, NEIC 17 13:08:58.0±0.9, 33.54N±140.20E, h96km±8km, mb4.2/12, Error ellipse: s-maj=8.4km s-min=6.9km az=101.0, NEIC Recorded 12 JMA on Hachiojima, NIED 17 13:09:00.33, 60N±140.40E, h80km, M4.2 Best double couple: M2.36x10^15 NP1: 200°, δ66°, λ105°. NP2: 0°347°, δ29°, λ60°.

ISC 17 13:08:56.2±0.4, 33.58N±140.41E, h6.0, h94km±3km, n56, 0.916/44, mb4.1/27, Southeast of Honshu region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ2, JHJ1, Hachiojima 2, etc.

KS15 Wouju Array Si 10.83 294 ePn P 13 11 30.5 +0.8 HIA Haiar 21.88 322 eP P 13 13 43 +1.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ulanbaatar, SONM, ZAL, AAK, MCK, BVAR, BRVK, COLA, ILAR, WRAB, WRA, WRA, YKA, YKA, YKA, FINES, YBH, NEW, BMO, AKAS, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPNV, PDAR, PVIO, GERES, TXAR, SAMU, LPAZ, LVC, etc.

BER 17 13:34:02.9±1.7, 59.67N±14.30E, ML2.1(NAO), Suspected explosion NAO 17 13:34:01.4±0.7, 59.57N±14.26E, ML2.1, Sweden region

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

IDC 17 14:39:33.8±1.8, 7.09S±68.40E, mb3.8/6, mb1 4.0/6, mb1mx3.8/17, MS3.5/3, Mst 1 3.6/3, ms1mx3.4/16, Error ellipse: s-maj=72.1km s-min=24.0km az=51.0, ISC 17 14:39:31.4±1.5, 7.55S±0.2679E, h10km±1n6, 1.192/12, mb4.3/12, MS3.5/3, Mid-Indian Ridge region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMBO, KOLN, DMN, PKI, GKN, KKN, GUN, CMAR, BRTR, MAW, ZAL, SONM, ASAR, WRA, STKA, NVAR, etc.

NEIC 17 14:45:10.0±0.8, 52.24N±170.89W, h52km±7km, mb3.9/1, Error ellipse: s-maj=18.5km s-min=6.4km az=166.0, IDC 17 14:45:12.8±4.3, 52.29N±170.89W, h77km±39km, mb3.4/7, mb1 3.6/9, mb1mx3.5/24, ML3.5/2, Error ellipse: s-maj=39.1km s-min=16.6km az=178.0, ISC 17 14:45:09.2±1.2, 52.3N±0.2±170.9W±0.1, h58km±10km, n18, 0.078/19, mb3.6/8, Fox Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIKO, OKER, MCIR, MNAT, MTBL, NIWB, FX1, ILAR, YKA, NVAR, BW06, PDAR, SONM, BVAR, CMAR, ASAR, etc.

JMA 17 15:17:06.7±0.2, 23.94N±122.87E, M2.8 TAP 17 15:17:07.4, 23.92N±122.62E, h4km±1km, ML2.7, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ, YOJ, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JTJ, JTJ, etc.

CSEM 17 15:18:07.5, 35.22N±51.09E, h6km, ML3.5, After THR THR 17 15:18:03.2±1.0, 35.91N±53.29E, h14km±17km, ML3.4, 1D, Northern and central Iran region

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

JMA 17 15:25:48.9±0.2, 24.25N±122.12E, h56km, M2.8 TAP 17 15:25:48.8, 24.15N±122.16E, h24km, ML3.7, Taiwan region

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Yonaguni jima, Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Tarama, Kume jima 2.

IDC 17 15:27:57.8, 4.8, 6.91S, 149.76E, h64km, 4.1km, mb4, 3/8, mb1 4.1/9, mb1mx4.0/13, ML4.1/2, MS3.2/4, Ms1 3/2.4, ms1mx2.8/19, Error ellipse: s-maj=34.3km s-min=25.8km az=97.0

NEIC 17 15:27:57.2, 2.4, 6.90S, 149.72E, h58km, 2.0km, mb4, 3/4, Error ellipse: s-maj=23.1km s-min=15.3km az=108.0

ISC 17 15:27:56.9, 3.2, 6.95, 0.1, 149.77E, 0.2, h70km, 2.5km, n20, o=85/19, mb4.0/3, ACZ, New Britain region

Main table for 411, listing various seismic stations and their parameters. Includes stations like Port Moresby, Tennant Creek, Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DJA 17 15:30:14.3, 0.9, 9.45S, 114.00E, h2km, MD5.3/4, ML3.9/2, 3C-3D, Error ellipse: s-maj=19.4km s-min=10.3km az=38.0, South of Bali

IDC 17 15:40:12.4, 1.4, 6.84S, 129.81E, mb3.9/4, mb1 4.4/7, mb1mx4.1/14, ML4.5/3, Error ellipse: s-maj=68.9km s-min=19.9km az=68.0

NEIC 17 15:40:27.0, 3.0, 7.43S, 129.17E, h124km, 3.1km, mb4.2/2, Error ellipse: s-maj=38.7km s-min=21.0km az=56.0

ISC 17 15:40:29.3, 1.7, 7.64S, 0.0E, 129.3E, 0.1, h172km, 18km, n12, i=140/19, mb3.6/4, 2D, Banda Sea

Main table for 411, listing various seismic stations and their parameters. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, etc.

IDC 17 15:43:52.4, 1.7, 46.00N, 27.28E, mb4.0/1, mb1 3.7/4, mb1mx3.4/19, ML3.2/3, Error ellipse: s-maj=28.6km s-min=8.0km az=131.0

NEIC 17 15:43:53.0, 0.6, 45.97N, 27.35E, h10km, Error ellipse: s-maj=7.8km s-min=6.9km az=77.0

BUC 17 15:43:52.7, 1.7, 45.92N, 27.37E, h10km, 11km, MD3.8/3, Error ellipse: s-maj=10.5km s-min=8.6km az=44.0

CSEM 17 15:43:52.0, 2.45, 59N, 27.31E, h10km, MD3.8/3, Error ellipse: s-maj=4.2km s-min=3.9km az=76.0

ISC 17 15:43:52.3, 0.4, 45.93N, 0.0, 27.38E, 0.04, h1km, 6km, n35, i=120/59, mb4.0/1, 9C-12D, Romania

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

Main table for 2004 DEC, listing various seismic stations and their parameters. Includes stations like Carcaliu, Istrita, Muntele Rosu, etc.

NIED 17 15:50:00.42, 9.0N, 145.10E, h50km, Mw3.8 Best double couple: M:4.92x10^14 NP1:phi31, 865, 8.81. NP2:phi231, 827, 1.109

JMA 17 15:50:08.0, 0.1, 42.93N, 145.05E, h50km, 1km, M3.8 JMA Felt 1/1

IDC 17 15:50:11.8, 3.4, 43.01N, 145.02E, h75km, 27km, mb3.8/3, mb1 3.5/9, mb1mx3.2/3, Error ellipse: s-maj=27.1km s-min=20.0km az=95.0

ISC 17 15:50:07.6, 0.7, 42.92N, 0.0, 145.10E, 0.06, h55km, 5km, n17, o=70/25, mb3.5/8, Hokkaido region

Main table for 2004 DEC, listing various seismic stations and their parameters. Includes stations like Akkeshi, Nemuro 2, Nakash, etc.

OTT 17 16:14:26.2, 0.3, 52.90N, 66.91W, MN2.7/6, Blast, Labrador City, NI Mining explosion, Northern Quebec

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

ISC 17 16:31:09.2, 16.93N, 120.04E, h9km, mb4.5, ML3.4, MS3.2, 2C, Luzon

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BCPH Baguio City Da, BCPH Dolores, SCZP Santa Cruz, etc.

OTT 17 17:10:25.8, 0.3, 53.01N, 66.89W, MN2.7/7, Blast, Labrador City, NI Mining explosion, Labrador

Main table for 17d 18h, listing various seismic stations and their parameters. Includes stations like Schefferville, Manicouagan, etc.

NNC 17 17:12:29.3, 19.0, 43.75N, 87.38E, mpv2.6, Error ellipse: s-maj=138.6km s-min=11.0km az=132.0

BUJ 17 17:12:26.6, 43.37N, 87.58E, h25km, ML2.7, 3C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Urumqi, Makanchi Array, etc.

IDC 17 17:26:40.4, 1.2, 23.14S, 176.10W, mb4.1/7, mb1 4.4/9, mb1mx4.2/17, ML4.9/2, MS3.6/1, Ms1 3.6/1, ms1mx2.8/21, Error ellipse: s-maj=38.5km s-min=26.6km az=159.0

NEIC 17 17:26:54.1, 6.4, 23.62S, 176.17W, h113km, 55km, mb4.2/1, Error ellipse: s-maj=37.1km s-min=22.7km az=204.0

ISC 17 17:26:43.4, 3.9, 23.5S, 0.1, 175.77W, 0.2, h62km, 43km, n14, i=110/15, mb4.1/8, Tonga Islands region

Main table for 17d 18h, listing various seismic stations and their parameters. Includes stations like Rarotonga, Urewera, etc.

NNC 17 17:29:48.0, 25.0, 43.65N, 87.59E, mpv2.5, Error ellipse: s-maj=184.3km s-min=131.1km az=131.0

BUJ 17 17:29:46.9, 43.40N, 87.56E, h20km, ML2.8, 2C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Urumqi, Warramunga Arr, etc.

IDC 17 18:38:16.3, 11.0, 9.63N, 94.37E, mb3.2/2, mb1 3.5/3, mb1mx3.3/18, ML3.6/1, Error ellipse: s-maj=279.0km s-min=43.3km az=90.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Chiang Mai Arr, WRA, etc.

IDC 17 18:45:31.6, 0.8, 38.73N, 22.56E, mb4.1/15, mb1 4.3/24, mb1mx4.2/30, ML3.9/9, MS3.9/8, Ms1 3.9/8, ms1mx3.4/31, Error ellipse: s-maj=16.3km s-min=13.2km az=56.0

MOS 17 18:45:31.9, 1.2, 38.75N, 22.70E, h10km, mb4.2/3, Error ellipse: s-maj=7.4km s-min=3.6km az=98.9

NEIC 17 18:45:32.0, 38.71N, 22.74E, h15km, mb4.3/6, MD4.0(PDG), ML4.3(ATH), After ATH.



Table with columns: LVC, comp-N, S, 19 15 48.5 +3.6, WRA, P, P, 20 16 13.3 -2.4, region, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC

19 15 48.5 +3.6, WRA, P, P, 20 16 13.3 -2.4, region, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC

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

DJA 17 19:43:35.3, 1.0, 8.53S, 115.98E, h193km, 7km, ML3.7/1, 2C-10, Error ellipse: s-maj=55.7km s-min=15.9km

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

IDC 17 20:04:01.9, 4.0, 1.15N, 99.82E, h210km, 25km, mb3.3/5, mb1 3.5/m, mb1 mx3.2/16, Error ellipse: s-maj=93.4km s-min=16.1km az=58.0, Northern Sumatara

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

Main table with columns: WRA, P, P, 20 16 13.3 -2.4, region, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC

IDC 17 20:10:55.9, 2.0, 20.36S, 168.80E, mb3.8/6, mb1 4.0/6, mb1 mx3.8/13, Error ellipse: s-maj=100.0km s-min=25.6km az=152.0

IDC 17 20:10:55.2, 4.1, 20.65S, 0.4, 168.9E, 0.3, h7km, 26km, n8, <0.62/1.0, mb3.7/6, Loyalty Islands

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

IDC 17 20:43:32.6, 0.6, 56.18S, 27.17W, h102km, 5km, mb4.7/9, mb1 4.8/10, mb1 mx4.4/15, Error ellipse: s-maj=20.5km s-min=13.4km az=59.0

BUI 17 20:43:36.9, 56.20S, 27.20W, h149km, MB5.2, NEIC 17 20:43:38.0, 1.7, 56.21S, 27.16W, h150km, 14km, mb5.0/8, Error ellipse: s-maj=13.7km s-min=6.5km az=54.0

SYO 17 20:43:37.3, 56.16S, 27.03W, h144km, MB5.0, HRVD 17 20:43:38.0, 0.9, 56.23S, 26.98W, h146km, 11km, Mw: 9/38, Centroid moment tensor solution. LP body waves: s3,c3, Mantle waves: s38,c43; Half duration: 0.4s

Moment tensor: Scale 10^16Nm, Mw: 1.465, 24, Mw: 0.945, 38; Mw: 0.522, 27; Mw: 1.472, 22; Mw: 1.652, 29; Mw: 0.561, 17; Best double couple: M2: 54.1016 NP1: 1.59, 83.2°, 1.32°; NP2: 29.2°, 86.7°, 1.67°; NP3: 2.18, Plig1°, Azm17°; N.72, Plig2°, Azm301°; P: -2.9, Plig19°, Azm39°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 17 20:40:36.1, 3.3, 56.25S, 0.1, 27.1W, 0.2, h147km, 31km, n91, <0.72/3.3, mb4.8/12, 14C-4D, South Sandwich Islands

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







18d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Topopah Spring, Battle Mountain, Mina, etc.

NEIC 18 00:36:32.0±0.5, 13.62N, 120.85E, mb3.8/1, Error ellipse: s-maj=18.4km s-min=1.0km az=53.3

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

2004 DEC

Table with columns: DMN, WRA, SONM, GKN, KOLN, ASAR, ZAL, AAK, BVAR, ARCS, HCFES, YKA, TXAR. Includes stations like Daman, Warrungarra Arr, Sogingo Array, etc.

NEIC 18 00:43:16.5, 19.08N, 64.60W, h25km, MD3.6(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Monte Pirata, Canovanas, Cerro la Pandu, etc.

PDA 18 01:03:18.9±1.0, 38.60N, 29.54W, MD3.3, ML2.6, Error ellipse: s-maj=15.7km s-min=6.8km az=171.0

CSEM 18 01:03:20.5±0.3, 38.63N, 29.21W, h20km, ML2.6, Error ellipse: s-maj=10.6km s-min=4.8km az=171.0

SVSA 18 01:03:18.9±1.0, 38.60N, 29.54W, MD3.3, ML2.6, Error ellipse: s-maj=15.7km s-min=6.8km az=171.0, Azores Islands

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

NEIC 18 01:27:17.6, 38.69N, 22.74E, h17km, mb3.7/1, ML4.0(A)TH, After ATH.

ATH 18 01:27:17.5, 38.70N, 22.73E, h18km, 2km, MD3.9/16, ML4.0

CSEM 18 01:27:18.6±0.1, 38.79N, 22.79E, h30km, ML4.0, Error ellipse: s-maj=2.4km s-min=1.8km az=79.0

MOS 18 01:27:19.4±0.9, 38.75N, 22.72E, h33km, mb3.8/1, Error ellipse: s-maj=11.5km s-min=5.4km az=86.3

IDC 18 01:27:21.3±0.1, 38.77N, 22.72E, h38km, 16km, mb3.6/14, mb1.3/20, mb1mx3.8/28, ML3.7/77, MS3.5/2, Ms1 3.5/2, ms1mx2.6/34, Error ellipse: s-maj=15.1km s-min=14.6km

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

416

Table with columns: OHR, MHR, KKB, RZN, SKO, SKO, SKO, SMG, TIR, VAM, QAF, KDG, BOR, PLD, IDI, IDI, VTS, PGB, NPS, BTOK, PAV, DNZL, ESKT, VAE, VAE, MLR, MLR, MLR, SGKT, BRTR, PSZ, VOY, VOY, OBKA, ARSA, ARSA, MOA, MOA, GERES, KHC, AKASG, AKASG, EIL, ZEI, ZEI, OBN, OBN, ESDC, HFS, HFS, NB2, NB2, NB2, NOA, EKA, ARCS, BVAR, DBIC, ZAL, SONM, BDB, SCH, YKA, ULM, ILAR, PDAR. Includes stations like Ohrid, Musomiste, Krupnik, etc.

NEIC 18 01:28:52.8, 38.75N, 22.84E, h10km, ML3.5(ATH), After ATH.

CSEM 18 01:28:52.8, 38.75N, 22.84E, h10km, MD3.2/6, After ATH

ATH 18 01:28:53.3, 38.75N, 22.84E, h10km, MD3.3/6, ML3.5, Greece

IDC 18 02:00:49.0±1.0, 19.56S, 176.65W, mb3.9/7, mb1.4/2.7, mb1mx4.1/14, MS3.9/7, Ms1 3.9/7, ms1mx3.5/24, Error ellipse: s-maj=42.7km s-min=22.9km az=146.0

NEIC 18 02:00:51.3±0.5, 19.57S, 176.67W, h15km, mb4.1/2, Error ellipse: s-maj=27.6km s-min=11.7km az=146.0

IDC 18 02:00:52.4±0.7, 19.57S, 0.2±176.7W, 0.2, h33km, n12, 0.84Z/9, mb4.0/9, MS4.0/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Neokhori, Parnis Oros, Nisos Salamina, etc.

NEIC 18 01:28:52.8, 38.75N, 22.84E, h10km, ML3.5(ATH), After ATH.

CSEM 18 01:28:52.8, 38.75N, 22.84E, h10km, MD3.2/6, After ATH

ATH 18 01:28:53.3, 38.75N, 22.84E, h10km, MD3.3/6, ML3.5, Greece

IDC 18 02:00:49.0±1.0, 19.56S, 176.65W, mb3.9/7, mb1.4/2.7, mb1mx4.1/14, MS3.9/7, Ms1 3.9/7, ms1mx3.5/24, Error ellipse: s-maj=42.7km s-min=22.9km az=146.0

NEIC 18 02:00:51.3±0.5, 19.57S, 176.67W, h15km, mb4.1/2, Error ellipse: s-maj=27.6km s-min=11.7km az=146.0

IDC 18 02:00:52.4±0.7, 19.57S, 0.2±176.7W, 0.2, h33km, n12, 0.84Z/9, mb4.0/9, MS4.0/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR, STKA, ASAR, WRA, VWA, NVAR, NVAR, PMNX, TXAR, TXAR, NEW, ILAR, PDAR. Includes stations like Rarotonga, Stephens Creek, etc.



NEIC 18 02:03:53.7, 19.15N-64.57W, h36km, MD3.6(RSPR), After RSPR, RSPR 18 02:03:53.7, 19.15N-64.57W, h35km=28km, MD3.6/11, MD3.6/11

IDC 18 02:03:56.0-4.9, 19.03N-64.75W, h66km, 69km, mb3.1/4, mb1 3.5/4, mb1mx3.2/19, MS2.9/1, Ms1 2.9/1, ms1mx1.9/18, Error ellipse: s-maj=70.7km s-min=10.4km az=7.0

ISC 18 02:03:52.3-1.4, 19.11N-61.6458W, 0.09, h50km=17km, n27, o552/39, mb3.4/4, 10C-3D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Monte Pirata, Canovanas, Cerro la Pandu, Colonia Sabana, San Juan, Santo Domingo, etc.

NEIC 18 02:20:33.1, 37.29S-176.67E, h224km, After WEL, WEL 18 02:20:33.2, 37.30S-176.64E, h221km, ML4.4/8, 1D, Error ellipse: s-maj=2.4km s-min=1.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Matawai, Matakaoa Point, Puketiti, Rangitukua, etc.

PRU 18 02:42:50.3, 05.07N-18.41E, WAR 18 02:42:50.0, 05.06N-18.45E, h1km, Location given by Central Institute of Mining, origin time based upon RAC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Raciborz, Ostrava-Krasne, Ojcow, etc.

DPC Dobruska-Polom 1.40 283 ePg Pg 02 43 15.9 -2.0 DPC 02 43 34.4 -2.1 UPC Upiace 1.63 287 eSg Sg 02 43 41.2 -2.9 PRU Pruhonice 2.52 270 eSg Sg 02 44 07.7 -6.2 KHC Kasperske Hory 3.30 255 ePg Sg 02 43 50.0 -5.9 KHC 02 44 32.9 -7.1

CSEM 18 02:54:08.0-4.0, 38.75N-22.89E, h8km, ML3.6, Error ellipse: s-maj=3.1km s-min=1.9km az=67.0

NEIC 18 02:54:09.1, 38.72N-22.84E, h27km, ML3.6(ATH), After ATH, ATH 18 02:54:09.1, 38.71N-22.82E, h25km, 2km, MD3.5/17, ML3.6

ISC 18 02:54:09.6-0.4, 38.74N-22.80E, 0.06, h25km, n28, r1913/30, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Neo, Evr, Mpar, Nisos, Ath, Ptl, Naig, Nisos, Plg, Ptl, Kzn, Kzn, Kzn, Vls, Vli, Vli, Kyth, Ksk, Kek, Ape, Mmb, Kuz, Rzn, Rzn, Kdz, Vts, etc.

MAN 18 03:15:58.7, 16.54N-122.09E, h18km, mb4.1, ML2.9, MS2.5, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Cauy, Palp, Balp, Balp, Calla, Pcp, Pcp, Apyp, Apyp, etc.

NAO 18 03:28:14.0-2.0, 67.11N-20.73E, ML2.0, BER 18 03:28:16.4-4.1, 67.12N-20.71E, ML2.0, ML2.0(NAP), Suspected explosion

HEL 18 03:28:15.0-0.1, 67.17N-20.63E, ML2.2, ML2.0(U), ML2.0(BER), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Dunu, Masu, Kua, Nju, Paju, Lanu, Sjuu, Ktki, Ktki, Sgf, Sgf, Tro, Tro, Mor, Mor, Lof, Lof, Aro, Aro, Oul, Oul, Ke, Ke, Mf, Mf, Vaf, Vaf, Nss, Nss, Fia, Fia, Fia, Fia, Hfs, Hfs, Hfs, Hfs, etc.

IDC 18 03:42:15.1-7.1, 16.43S-175.16W, mb3.7/3, mb1 4.0/3, mb1mx3.7/14, Error ellipse: s-maj=312.0km s-min=35.5km az=140.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Wra, Asar, Ilar, etc.

WRA Warramunga Arr 43.26 276 P P 03 58 50.1 -2.0 FINES FINESS Array B 147.23 338 PKPbc PKPdf 04 10 30.7 -0.3

IDC 18 04:49:56.7-4.4, 23.23S-148.90E, mb1 3.6/4, mb1mx3.5/10, ML3.2/4, Error ellipse: s-maj=42.1km s-min=25.3km az=83.0, Queensland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Cta, Cta, Cta, Stka, Asar, Asar, Asar, Wra, Wra, Wra, etc.

PRU 18 04:51:17.6, 51.51N-16.15E, Felt-in Harrachov, IDC 18 04:51:18.8, 0.7, 51.41N-16.19E, mb1 3.6/6, mb1mx3.4/21, ML2.9/6, Error ellipse: s-maj=13.3km s-min=6.5km az=107.0

NEIC 18 04:51:19.4-0.6, 51.35N-16.11E, h5km, ML3.1(VIE), ML2.8(CLL), ML2.6(BRG), Error ellipse: s-maj=10.9km s-min=8.5km az=46.0

WAR 18 04:51:18, 51.51N-16.13E, h1km, ML3.2, 3C-1D, Mining Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Ksp, Ksp, Ksp, Ksp, Ksp, Pvc, Pvc, Brg, Brg, Brg, Rue, Rue, Pru, Pru, Pru, Pru, etc.

Gkp Gorka Klasztor 1.89 21 ePn Pn 04 51 56.8 +5.1 Gkp 04 52 00.4 +4.9 Gkp 04 52 20.1 +3.6 Gkp 04 52 23.5 +2.6

MORC Moravsky Berou 1.96 152 ePn Pn 04 51 50.6 -2.1 CLL Colim 1.97 265 i Pn Pn 04 51 51.0 -1.8 CLL 04 52 08.8 -2.8 CLL 04 51 51.0 -1.8 CLL 04 51 54.0 -3.3 CLL 04 51 58.4 -2.8

OKC Ostrava-Krasne 2.11 142 ePn Pn 04 51 53.3 -1.6 OKC 04 51 57.2 -2.9 OKC 04 52 24.3 -3.9 OKC 04 51 54.6 -1.9

VRAC Vranov 2.22 172 Pn Pn 04 51 55.1 -3.3 VRAC 3.3nm, 0.3s, baz=336, slow=14, SNR=17 04 52 25.1

VRAC 1.9nm, 0.3s, baz=41, slow=15, SNR=4.1 04 52 07.0 -4.1

QJC QJC 2.66 118 ePg Pn 04 52 02.0 -4.5 NKC Novy Kostel 2.66 243 ePn Pn 04 52 01.9 -0.8 NKC 04 52 09.1 -2.0 NKC 04 52 44.2 -2.4 NKC 04 52 04.3 -1.4

KHC Kasperske Hory 2.89 215 eSg Sg 04 52 07.7 -5.0 KHC 04 52 49.0 -5.2 KHC 04 52 13.5 -3.9 KHC 04 52 53.1 -4.0

MOX Moxa 2.98 255 ePg Pn 04 52 08.2 -0.6 GERES GERES Array B 3.09 211 Pn Pn 04 52 14.4 -5.3 GERES 1.1nm, 0.3s, baz=33, slow=13, SNR=16 04 52 44.7 -2.3

GERES 2.0nm, 0.3s, baz=35, slow=21, SNR=5.3 04 52 54.0

GERES 3.7nm, 0.3s, baz=37, slow=26, SNR=8.4 04 52 57.3 -4.4

SMOL Smolenice 3.11 164 eSg Sg 04 52 18.1 -4.8 VKA Vienna 3.25 178 iPg Pn 04 52 01.3 -5.1

ZST Bratislava 3.38 169 eSg Sg 04 52 03.5 -5.1 NIE Niedzica 3.40 126 ePn Pn 04 52 16.4 +8.4 NIE 04 53 07.0 +1.2

VYHS Vyhne 3.49 149 ePn Pn 04 52 12.1 -2.4 VYHS 04 52 22.8 -4.8 VYHS 04 52 33.6 -1.4

BSD Bornholm Skovb 3.68 349 ePn Pn 04 52 54.7 -7.7 MOA Molln 3.68 199 i Pn Pn 04 52 18.2 -1.6 MOA 04 53 21.2 -5.3

ARSA Arzberg 4.28 186 i Pn Pn 04 52 24.7 -1.1 ARSA 12nm, 0.7s 04 53 32.9 -7.7

CRVS Cervenica-Dubn 4.31 125 ePg Pn 04 52 39.5 -4.5 KWP Kalwarja 4.59 112 ePn Pn 04 52 42.2 +1.2

THN Thonkolos sedl 4.71 121 ePn Pn 04 52 29.9 -2.0 AKASG Malin Array B 8.28 90 Pn Pn 04 53 16.8 -5.4

HFS Hagfors 8.75 352 Pn Pn 04 53 25.0 -3.6 HFS 0.0nm, 0.3s, baz=169, slow=15, SNR=2.8 04 53 58.1 -6.2

FINES FINESS Array B 11.36 25 Pn Pn 04 56 01.2 -1.2 FINES 0.1nm, 0.3s, baz=220, slow=11, SNR=4.5

ARCES ARCES Array B 18.62 10 Pn Pn 04 55 33.4 -5.1 ARCES 0.2nm, 0.3s, baz=207, slow=22, SNR=3.0 04 55 33.4 -5.1

NEIC 18 04:55:38.9-4.7, 36.23N-70.87E, h156km, 35km, mb3.7/1, Error ellipse: s-maj=54.6km s-min=18.0km az=56.0

IDC 18 04:55:40.4-9.1, 36.28N-71.04E, h165km, 80km, mb3.3/6, mb1 3.5/7, mb1mx3.2/20, Error ellipse: s-maj=47.4km s-min=25.2km az=39.0

NINC 18 04:55:40.1, 25.0, 37.06N-70.06E, mpv4.1, Error ellipse: s-maj=547.4km s-min=215.6km az=126.0

ISC 18 04:55:44.0-1.3, 36.55N-0.6671E, 0.2, h205km, 12km, n37, r1501/44, mb3.5/4, 2C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including Thn, Thn, Dh, Dh, Aml, Aml, Uch, Uch, Kza, Kza, etc.



**BUJ 18 06:46:** 16.6, 49.06N, 156.25E, h10km, mB6.2, mb5.6, Ms6.6, Ms26.3  
**IDC 18 06:46:** 18.6-0.3, 48.96N-156.19E, mb5.3/38, mb1 5.4/40, mb1mx5.4/41, ML4.8/2, MS6.1/17, Ms1.6/17, ms1mx5.6/32, Error ellipse: s-maj=11.5km s-min=8.6km az=132.0  
**MOS 18 06:46:** 18.1±1.2, 48.84N-156.21E, h10km, mb5.8/93, MS6.4/50, Error ellipse: s-maj=6.3km s-min=3.3km az=99.3 Broadband fault plane solution: P waves: M0.3×10<sup>18</sup> N P1<sub>φ</sub>152°, λ36°, NP2<sub>φ</sub>30°, λ72°, λ115° Principal axes: T P1g55°, Azm332°; N P1g24°, Azm202°; P P1g23°, Azm101°  
 MOS Fault plane solution: P-wave C63, D11. Felt (I-II) at Severo-Kuril'sk  
**IGIL 18 06:46:** 19.4, 48.86N-156.16E, h0km, MS6.5  
**KRSC 18 06:46:** 19.2-1.3, 48.78N-156.32E, h55km±16km, ML5.8  
**HRVD 18 06:46:** 19.9-0.1, 48.77N-156.58E, h15km, MW6.2/74, Centroid moment Tensor Solution. LP body waves: s74,c182,Mantle waves: s65,c109; Half duration: 2±7 Moment tensor: Scale 10<sup>18</sup>Nm; M1.45±0.1; M20-0.58±0.2; M30-0.87±0.1; M40.88±0.05; M50-0.80±0.1; M60-1.21±0.05; Best double couple: M2.1×10<sup>18</sup> N P1: φ<sub>1</sub>223°, λ95°; NP2: φ<sub>2</sub>37°, λ68°, λ88°; Principal axes: T 2.07, P1g67°, Azm303°; N 0.9, P1g3°; Azm38°; P-2.16, P1g22°; Azm129°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to mantle waves, cutoff=125s  
 SYO 18 06:46: 19.3, 48.85N-156.21E, h10km, MB5.5, MS6.0  
 SKHL 18 06:46: 19.5±3.4, 48.82N-156.52E, h37km±4km, mb6.8/10, mbh6.9, Ms6.6/5, msh6.3/5  
 SKHL Felt (I-II) at Severo-Kuril'sk  
**NEIC 18 06:46:** 19.9-0.1, 48.84N-156.31E, h11km, mb5.5/164, ME5.9, MS6.1/113, MW6.2, MW6.3(MOS), Error ellipse: s-maj=4.4km s-min=3.0km az=176.0 Broadband fault plane solution: P waves: N P1: φ<sub>1</sub>40°, λ75°, λ90°; NP2: φ<sub>2</sub>220°, λ15°, λ95°; Principal axes: T P1g60°, Azm310°; N P1g0°, Azm0°; P P1g30°; Azm130°; Moment Tensor Solution. s40 Moment tensor: Scale 10<sup>18</sup> Nm; M1-0.67; M20-0.41; M30-0.25; M40-1.57; M50-0.39; M60-1.85; Best double couple: M2.5×10<sup>18</sup> N P1: φ<sub>1</sub>243°, λ88°, λ112°; NP2: φ<sub>2</sub>41°, λ82°, λ87°; Principal axes: T 2.51, P1g53°, Azm307°; N 0.4, P1g3°, Azm41°; P-2.55, P1g37°, Azm134°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.  
 NEIC Felt (I) at Severo-Kuril'sk  
**CSEM 18 06:46:** 21.3, 48.87N-156.45E, h30km, mb5.7  
**ISC 18 06:46:** 19.2-0.1, 48.87N-156.37E-0.02, h16km, h16km±2.1km, P P1: φ<sub>1</sub>100°, λ19/97°, mb5.5/246, MS6.2/170, 126C-28D, East of Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SKR	Severo-Kuril's	1.82	355	Op		
SKR				Pn	06 46 48.6	-1.7
SKR				Sn	06 47 10.7	-2.5
SKR				IPN	06 46 48.6	-1.7
SKR				eS	06 47 10.7	-2.5
SKR	comp=N,310nm,0.5s			pmax		
SKR	comp=E,230nm,0.5s			pmax		
SKR	comp=Z,850nm,0.5s			pmax		
SKR	comp=N,84um,6.0s			pmax		
SKR	comp=E,51um,6.0s			pmax		
SKR	comp=Z,56um,6.0s			smax		
SKR	comp=N,504um,12.0s			smax		
SKR	comp=E,504um,12.0s					
SKR	Severo-Kuril's	1.82	355	IP		
SKR	Severo-Kuril's	1.82	355	IPN		
SKR				IP	06 46 48.6	
SKR				IPN	06 46 48.6	
SKR				eS	06 46 50.0	
SKR	comp=E,310nm,0.5s			AMB	06 46 50.0	
SKR	comp=E,230nm,0.5s			AMB	06 46 50.0	
SKR	comp=E,850nm,0.5s			AMB	06 46 54.0	
SKR	comp=E,84um,6.0s			AMB	06 46 54.0	
SKR	comp=E,50um,6.0s			AMB	06 46 54.0	
SKR	comp=E,56um,6.0s			AMB	06 46 54.0	
SKR	comp=E,84um,6.0s			AMB	06 46 54.0	
SKR	comp=E,51um,6.0s			AMB	06 46 54.0	
SKR	comp=E,56um,6.0s			eS	06 47 10.7	-2.5
SKR				eS	06 47 24.0	
SKR	comp=E,504um,12.0s			A	06 47 24.0	
SKR	comp=E,197um,12.0s			A	06 47 24.0	
SKR	comp=E,475um,12.0s			A	06 47 24.0	
SKR	comp=E,658um,12.0s			A	06 47 24.0	
SKR	comp=E,182um,12.0s			AMS	06 47 40.0	
SKR	comp=E,365um,16.0s			AMS	06 47 40.0	
SKR	comp=E,700um,16.0s			AMS	06 47 40.0	
SKR	comp=E,1169um,16.0s			AMS	06 47 40.0	
SKR	comp=E,303um,16.0s					
ALID	Alaid	2.07	345	eP		
ALID				eS	06 46 54.4	+0.6
PAU	Pauzhetka	2.62	6	P	06 47 18.8	-0.7
PAU				eS	06 47 02.4	+0.9
PAU				Smax	06 47 33.5	+0.2
MIPR	Malaya Ipe'l'ka	3.42	4	eP		
MIPR				eS	06 47 12.9	-0.2
RUS	Russkaya	3.82	20	IP		
RUS				eS	06 47 19.0	+0.2
GRL	Gorelyy	3.84	16	eP		
GRL				eS	06 47 19.5	+0.4
PET	Petropavlovsk	4.40	18	IP		
PET				eS	06 48 04.0	-0.4
PET				eS	06 47 26.8	-0.3
PET				eS	06 48 16.7	-1.9
PET	Petropavlovsk	4.40	18c	IPN		
PET	Petropavlovsk	4.40	18	ePn		
UGLR	Uglovaya	4.61	19	IP		
UGLR				eS	06 47 30.3	+0.3
AVI	Avacha	4.65	18	IP		
KOK	Koryaka	4.65	17	IP		
KOK				eS	06 48 21.9	-2.0
SDLR	Sedlovina	4.65	17	eP		
SDLR				eS	06 47 30.8	+0.2
NLC	Nalytchevo	4.69	19	IP		
NLC				eS	06 48 21.6	-3.3
SPN	Mys Shipunski	4.70	22	IP		
SPN				eS	06 47 30.8	-0.3
GNL	Ganal'y	4.93	11	IP		
GNL				eS	06 47 30.8	-0.3
TUMR	Tumrok	6.83	18	IP		
KUR	Kuril'sk	6.85	241	ePN		
KUR				eP	06 47 31.9	-1.1
KUR				eS	06 48 25.5	-3.6
KUR				eS	06 47 34.4	-0.1
KUR				eS	06 48 28.6	-3.3
KUR				eS	06 48 31.1	0.0
KUR				eS	06 47 56.5	-5.1
KUR	comp=N,650nm,0.8s			pmax		
KUR	comp=E,710nm,0.8s			pmax		
KUR	comp=Z,4um,0.8s			pmax		
KUR	comp=Z,32um,3.0s			MLR		
KUR	comp=N,734um,15.0s			MLR		
KUR	comp=E,684um,15.0s			MLR		
KUR	comp=Z,522um,15.0s			MLR		
KUR				eP	06 47 56.5	-5.1
KUR				AMB	06 48 11.8	

KUR	comp=Z,650nm,0.8s			AMB	06 48 11.8	
KUR	comp=Z,710nm,0.8s			AMB	06 48 11.8	
KUR	comp=Z,4um,0.8s			AMB	06 48 20.0	
KUR	comp=Z,32um,3.0s			iS		
KUR				Sn	06 49 14.7	-5.3
KUR				A	06 49 25.0	
KUR	comp=Z,41um,6.0s			A	06 49 25.0	
KUR	comp=Z,15um,6.0s			A	06 49 35.5	
KUR	comp=Z,14um,1.2s			A	06 49 35.5	
KUR	comp=Z,10um,1.2s			AMS	06 50 38.0	
KUR	comp=Z,734um,15.0s			AMS	06 50 38.0	
KUR	comp=Z,684um,15.0s			AMS	06 50 38.0	
KUR	comp=Z,522um,15.0s			AMS	06 50 54.0	
KUR	comp=Z,281um,16.0s			AMS	06 50 54.0	
KUR	comp=Z,275um,16.0s			AMS	06 50 54.0	
KUR	comp=Z,253um,16.0s			AMS	06 50 54.0	
KMN	Kamenistaya	7.29	17	eP		
KPT	Kopyto	7.49	17	eP		
KOZ	Kozyrevsk	7.51	15	eP		
ZLZ	Zelenaya	7.65	19	IP		
LGNR	Loginova	7.69	18	eP		
CIRR	Tsirk	7.73	19	eP		
SRDR	Sredinnyy	7.73	14	IP		
KRSR	Krestovskiy	7.79	18	eP		
KLY	Klyuchi	7.90	18	eP		
SVLR	Shiveluch	8.26	19	IP		
KBTR	Krutoberegovo	8.33	26	IP		
BKI	Bering	8.67	39	eS		
BKI				eS	06 49 49.1	-7.9
BKI				eS	06 49 22.0	-5.0
BKI				eS	06 49 50.7	-15
BKI	comp=Z,820nm,0.9s			Smax		
YUK	Yuzh-Kuril'sk	8.71	240c	IPN		
YUK				pmax	06 48 24.0	-3.6
YUK	comp=Z,1um,0.4s			pmax		
YUK	comp=N,370nm,0.5s			pmax		
YUK	comp=E,380nm,0.5s			pmax		
YUK	comp=N,10um,7.0s			pmax		
YUK	comp=Z,20um,7.0s			pmax		
YUK	comp=E,18um,9.0s			MLR		
YUK	comp=E,489um,17.0s			MLR		
YUK	comp=Z,397um,17.0s			MLR		
YUK	comp=N,315um,18.0s			MLR		
YUK	Yuzh-Kuril'sk	8.71	240	IP		
YUK				IP	06 48 24.0	-3.6
YUK				IP	06 48 24.0	-3.6
YUK				AMB	06 48 27.0	
YUK	comp=N,370nm,0.5s			AMB	06 48 27.0	
YUK	comp=N,380nm,0.5s			AMB	06 48 27.0	
YUK	comp=N,1um,0.5s			AMB	06 48 27.0	
YUK	comp=N,18um,9.0s			AMB	06 48 33.0	
YUK	comp=N,10um,7.0s			AMB	06 48 33.0	
YUK	comp=N,20um,7.0s			AMB	06 48 33.0	
YUK	comp=N,10um,7.0s			iS		
YUK				Sn	06 50 01.5	-5.0
YUK				A	06 50 06.0	
YUK	comp=N,21um,11.0s			A	06 50 06.0	
YUK	comp=N,23um,8.0s			A	06 50 09.0	
YUK	comp=N,2um,0.6s			A	06 50 09.0	
YUK	comp=N,840nm,0.6s			AMS	06 51 49.0	
YUK	comp=N,489um,17.0s			AMS	06 51 49.0	
YUK	comp=N,397um,17.0s			AMS	06 51 49.0	
YUK	comp=N,315um,18.0s			AMS	06 51 49.0	
TYV	Tymovskoe	9.08	288	eP		
TYV				AMB	06 48 32.0	-0.7
TYV	comp=N,1um,1.6s			AMB	06 48 41.0	
TYV	comp=N,28um,8.0s			AMB	06 48 47.0	
TYV	comp=N,28um,8.0s			AMB	06 48 47.0	
YSS	Yuzh-Sakhalins	9.34	263c	IPN		
YSS				eS	06 48 37.0	+0.7
YSS				Sn	06 50 23.5	+1.4
YSS	comp=N,290nm,1.0s			pmax		
YSS	comp=Z,530nm,1.0s			pmax		
YSS	comp=E,970nm,1.2s			pmax		
YSS	comp=E,11um,8.0s			pmax		
YSS	comp=Z,13um,8.0s			pmax		
YSS	comp=N,8um,10.0s			pmax		
YSS	comp=N,28um,16.0s			smax		
YSS	comp=E,35um,14.0s			MLR		
YSS	comp=Z,99um,14.0s			MLR		

18d 6h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BMKR Bomnak, MAJO Matushiro, MAT Matushiro, etc.

2004 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SONY SONY, CBIJ Chichi jima, ANM Nomi, etc.

420

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ILAR Eielson Array, ZAK ZAK, THY Trims Highway, etc.







Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, S/NR=68).

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, S/NR=141).

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, S/NR=12).

Table of astronomical observations for 18d 6h, listing stations like BLA, CTI, MYNC, etc., with columns for frequency, power, and other parameters.

Table of astronomical observations for 2004 DEC, listing stations like TCF, PLDF, CODM, etc., with columns for frequency, power, and other parameters.

Table of astronomical observations for 424, listing stations like TOO, TOO, TOO, etc., with columns for frequency, power, and other parameters.





NEIC 18 07:40:33.2, 0.5, 48.75N; 156.23E, h10km, mb4.3/1, Error ellipse: s-maj=13.6km s-min=7.2km az=161.0

ISC 18 07:40:36.3, 0.6, 48.87N; 0.09:156.2E, 0.1, h48km, h45km, 2.1km, pP-P, n5, c191147, mb4.1/25, 1C, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like Petropavlovsk, Asahikawa, ASAJ, MA2, FX1, etc.

NEIC 18 07:46:04.0, 4.0, 48.81N; 156.38E, h10km, mb4.4/10, Error ellipse: s-maj=11.7km s-min=6.3km az=154.0

ISC 18 07:46:08.0, 0.4, 49.04N; 0.05:156.21E, 0.08, h45km, h45km, 2.1km, pP-P, n5, c192120, mb4.4/42, MS4.9/2, 6C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like Severo-Kuril's, Petropavlovsk, Yuzh-Sakhalins, ASAJ, MA2, etc.

FX1 Attu Island-F 11.36 64 P P 07 48 44.6 -5.7

FX1 comp=Z, 1.5nm, 0.3s, baz=216, slow=15, SNR=5.9

MAT Matsushiro 18.12 233 P P 07 50 10.7 -7.1

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

MAT Matsushiro 18.12 233 P P 07 50 11.0 -6.8

EKA Eskdalemuir Ar 74.58 348 P P 07 57 43.1 -0.1

EKA comp=Z, 4.0nm, 1.0s

TXAR Lajitas Array 74.58 63 P P 07 57 42.8 -1.0

TXAR comp=Z, 0.4nm, 0.5s, mbz=298, slow=4.9, SNR=12

KOLS Kolonicse sedl 74.64 330 P P 07 57 44.6 +0.9

KSP Ksiaz 74.75 335 eP P 07 57 45.0 +0.7

NIE Nieszka 74.84 332 eP P 07 57 45.0 +0.7

CRVS Cervenica-Dubn 74.93 331 P P 07 57 46.4 +1.0

ASAR Alice Springs 75.06 201 P P 07 57 45.0 +1.0

OKC Ostrava-Krasne 75.12 333 eP P 07 57 43.0 +0.9

DPD Dobruška-Polom 75.19 335 eP P 07 57 54.5 +5.2

CLL Collm 75.21 337 P P 07 57 47.5 +0.6

CLL comp=Z, 2.1nm, 1.1s, mb5.0

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC comp=Z, 2.1nm, 1.0s, mb5.0

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

MORC Moravsky Berou 75.35 334 eP P 07 57 49.0 +1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like TXAR, KOLS, KSP, NIE, CRVS, ASAR, OKC, DPD, CLL, MORC, etc.

NEIC 18 07:50:28.2, 0.5, 48.95N; 156.14E, h10km, mb4.3/9, Error ellipse: s-maj=14.9km s-min=9.7km az=156.0

ISC 18 07:50:27.2, 0.5, 48.95N; 0.06:156.14E, 0.09, h21km, h17km, h45km, 2.1km, pP-P, n5, c19157, mb4.0/24, 3C, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like Severo-Kuril's, Petropavlovsk, Yuzh-Sakhalins, ASAJ, MA2, FX1, etc.









Table with columns for call sign, frequency, power, and other technical details. Includes stations like VRSR, BORG, NB2, NOA, AKL, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WMOK, WMOA, WMOG, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like NKC, SMOL, USIN, etc.









WAR 18 10:22:01.3, 51.45N, 16.12E, h1km, ML3.1, Mining Induced
PRU 18 10:22:01.2, 51.43N, 16.11E
UPP 18 10:22:05.8, 51.83N, 15.54E, h0km, ML3.0, Mining explosion.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like KSP Ksiaz, UPC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like STR 18 10:35:46.8, LDG 18 10:36:04.9, BGR 18 10:36:06.4, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like ECH Echery, BOURR Bourrignon, WLS Welschbruch, etc.

IDC 18 10:41:50.2, 1.3, 4.53S, 150.70E, h340km, 11km, mb3.7/10, mb1.3, 9/12, mb1mx3.8/15, Error ellipse: s-maj=21.5km

NEIC 18 10:41:50.3, 1.5, 4.45S, 150.64E, h341km, 15km, mb4.8/10, Error ellipse: s-maj=17.4km, s-min=10.2km, az=107.0

ISC 18 10:41:49.3, 1.2, 4.49S, 150.70E, 0.1, h347km, 11km, n31, c=77/33, mb4.2/20, SD, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, KAKA Kakao, etc.

IDC 18 10:49:35.5, 0.8, 23.94N, 36.54E, mb4.3/18, mb1.4, 4/23, mb1mx4.4/27, ML3.7/4, MS4.0/5, Ms1.4, 0/5, ms1mx3.6/25, Error ellipse: s-maj=18.1km, s-min=16.7km, az=62.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like HAGS Hagol, HSHL Bi' Shalaty, UMJS Umjay, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like HSM Jabal Masmas, SHRM, ASHG Umm Shaghir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like CRVS Cervencia-Dubn, VYHS Vyhne, ZST Bratislava, etc.

Table of astronomical observations for 18d 11h, listing stations like OBN, BRDF, MOS, BRG, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2000 DEC, listing stations like ULN, BOD, ENHI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 436, listing stations like NJ2, ILAR, INK, etc., with columns for station name, coordinates, and observation details.

NEIC 18 11:41:55.8, 35.04N, 3.94W, MG3.6(MDD), After MDD.  
 SFS 18 11:41:55.0, 35.02N, 3.96W, ML3.6  
 MDD 18 11:41:56.3, 1.9, 35.07N, 3.94W, mb3.6/5, Error ellipse:  
 s-maj=22.8km s-min=8.0km az=22.0, PRXIMO  
 CSEM 18 11:41:57.8, 0.2, 35.14N, 3.95W, h8km, ML3.1/3, Error  
 ellipse: s-maj=4.1km s-min=3.8km az=73.0  
 CNRM 18 11:41:59.3, 35.15N, 3.95W, MD3.2  
 ISC 18 11:41:57.7, 1.0, 35.23N, 0.03, 3.95W, 0.03, h12km, 7km,  
 n25, e1913/45, Strait of Gibraltar

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MPAL	Palemas	0.1 159	Op	11 41 59.8	+0.2
TOU	Touzarine	0.31 150	P	11 42 03.0	-1.3
EMEL	Melilla	0.81 85	Pn	11 42 13.4	-1.4
98nm, 0.2s, SNR=6.3					
EMEL	Melilla	0.82 85	Pn	11 42 25.9	-0.9
391nm, 0.3s					
EMLI	Melilla	0.82 85	Pn	11 42 13.4	-1.5
98nm, 0.2s, SNR=6.3					
EMLI	Melilla	0.83 85	Pn	11 42 25.9	-1.1
391nm, 0.3s					
MELI	Melilla	0.83 85	Pn	11 42 14.5	-0.6
MELI	Melilla	0.83 85	Pn	11 42 27.1	-0.1
MELI	Melilla	0.83 85	Pn	11 42 14.5	+0.9
MELI	Melilla	0.83 85	Pn	11 42 27.1	+2.5
ZAI	Zaio	1.02 105	P	11 42 19.0	+2.2
ZAI	Zaio	1.02 105	P	11 42 31.0	+0.0
TZK	Tazeka	1.16 190	P	11 42 19.5	+0.3
TZK	Tazeka	1.16 190	P	11 42 34.0	0.0
DKH	Dar Kharkhour	1.19 283	P	11 42 22.0	+2.3
DKH	Dar Kharkhour	1.19 283	P	11 42 36.5	+1.6
EMIJ	Mijas	1.49 333	Pn	11 42 23.5	-0.7
EMIJ	Mijas	1.49 333	Pn	11 42 42.6	-1.4
EMIJ	Mijas	1.49 333	Pn	11 42 25.2	+0.6
12nm, 0.6s, SNR=4.0					
EMIJ	Mijas	1.49 333	Pn	11 42 42.6	-1.4
7.2nm, 0.3s					
EMIJ	Mijas	1.49 333	Pn	11 42 42.6	-1.5
7.2nm, 0.3s					
EBER	Berja	1.87 27	Pn	11 42 30.2	+0.2
6.6nm, 0.4s, SNR=7.3					
EBER	Berja	1.87 27	Pn	11 42 53.1	-0.6
13nm, 0.3s					
EBER	Berja	1.87 27	Pn	11 42 53.1	-0.6
3.9nm, 0.3s					
EBER	Berja	1.87 27	Pn	11 42 30.2	+0.2
6.6nm, 0.4s, SNR=7.3					
MIF	Mishlifien	2.11 211	P	11 42 30.3	-0.4
MIF	Mishlifien	2.11 211	P	11 42 00.0	+0.3
CZD	Col de Zad	2.37 203	P	11 42 02.2	0.0
CZD	Col de Zad	2.37 203	P	11 43 06.0	-0.5
EQES	Quesada	2.66 15	Pn	11 42 42.4	+1.1
1.4nm, 0.2s, SNR=6.1					
EQES	Quesada	2.66 15	Pn	11 43 15.3	+1.5
4.2nm, 0.3s					
EQES	Quesada	2.66 15	Pn	11 42 42.4	+1.1
1.4nm, 0.2s, SNR=6.1					
EQES	Quesada	2.66 15	Pn	11 43 15.3	+1.5
4.2nm, 0.3s					
EADA	Adamuz	2.97 350	Pn	11 42 46.4	+0.6
0.5nm, 0.1s, SNR=5.8					
EADA	Adamuz	2.97 350	Pn	11 42 21.9	+0.2
0.5nm, 0.1s, SNR=5.8					
EADA	Adamuz	2.97 350	Pn	11 42 46.4	+0.6
0.5nm, 0.1s, SNR=5.8					
EADA	Adamuz	2.97 350	Pn	11 43 21.9	+0.2
0.5nm, 0.1s, SNR=5.8					
EMIN	Mina Concepcio	3.35 320	Pn	11 42 49.7	-1.4
0.9nm, 0.2s, SNR=13					
EMIN	Mina Concepcio	3.35 320	Pn	11 42 26.8	-4.5
0.9nm, 0.2s, SNR=13					
EMIN	Mina Concepcio	3.35 320	Pn	11 42 49.7	-1.4
0.9nm, 0.2s, SNR=13					
EMIN	Mina Concepcio	3.35 320	Pn	11 42 26.8	-4.5
0.9nm, 0.2s, SNR=13					
EBAD	Badajoz	4.29 326	Pn	11 43 03.1	-1.4
2.7nm, 0.2s, SNR=8.9					
EBAD	Badajoz	4.29 326	Pn	11 43 51.2	-3.9
0.9nm, 0.2s					
EBAD	Badajoz	4.29 326	Pn	11 43 03.1	-1.4
2.7nm, 0.2s, SNR=8.9					
EBAD	Badajoz	4.29 326	Pn	11 43 51.2	-3.8
0.9nm, 0.2s					

CSEM 18 12:36:07.5, 0.2, 35.28N, 4.30W, h2km, ML2.5/3, Error  
 ellipse: s-maj=8.2km s-min=4.6km az=80.0  
 NEIC 18 12:36:08.9, 35.36N, 4.32W, h1km, MG3.1(MDD), After  
 MDD

MDD 18 12:36:08.9, 2.8, 35.37N, 4.32W, mb3.0/3, Error ellipse:  
 s-maj=26.8km s-min=13.5km az=2.0, PRXIMO SOLUCIN  
 POBRE

CNRM 18 12:36:09.0, 35.34N, 3.88W, h8km, MD2.5  
 ISC 18 12:36:09.1, 5.35, 37N, 0.04, 4.33W, 0.07, h4km, 11km,  
 n13, e1500/24, Strait of Gibraltar

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MPAL	Palemas	0.34 114	Op	12 36 12.0	+1.9
EMIJ	Mijas	1.25 343	Pn	12 36 31.2	+0.1
1.2nm, 0.1s, SNR=7.9					
EMIJ	Mijas	1.25 343	Pn	12 36 48.6	+0.1
3.9nm, 0.2s, SNR=7.9					
TZK	Tazeka	1.28 175	P	12 36 31.5	+0.3
TZK	Tazeka	1.28 175	P	12 36 48.0	+0.1
EBER	Berja	1.92 37	Pn	12 36 41.3	+0.6
1.3nm, 0.2s, SNR=7.9					
EBER	Berja	1.92 37	Pn	12 37 04.5	-1.1
0.9nm, 0.2s, SNR=7.9					
EBER	Berja	1.92 37	Pn	12 36 41.3	+0.6
1.3nm, 0.2s, SNR=7.9					
EBER	Berja	1.92 37	Pn	12 37 04.5	-1.1
0.9nm, 0.2s, SNR=7.9					
EQES	Quesada	2.63 22	Pn	12 36 52.4	+1.5
3.1nm, 0.4s, SNR=5.7					
EQES	Quesada	2.63 22	Pn	12 37 24.2	+0.5
2.9nm, 0.2s, SNR=7.9					
EQES	Quesada	2.63 22	Pn	12 36 52.4	+1.5
3.1nm, 0.4s, SNR=5.7					
EQES	Quesada	2.63 22	Pn	12 37 24.2	+0.5
2.9nm, 0.2s, SNR=7.9					
EADA	Adamuz	2.80 356	Pn	12 36 55.2	+1.8
0.4nm, 0.1s, SNR=4.6					
EADA	Adamuz	2.80 356	Pn	12 37 32.7	+4.6
SNR=4.0					
EADA	Adamuz	2.80 356	Pn	12 36 55.2	+1.8
0.4nm, 0.1s, SNR=4.6					
EMIN	Mina Concepcio	3.05 322	Pn	12 36 56.8	-0.1
0.5nm, 0.1s, SNR=7.9					
EMIN	Mina Concepcio	3.05 322	Pn	12 37 34.1	-0.3
SNR=7.9					
EMIN	Mina Concepcio	3.05 322	Pn	12 36 56.8	-0.1
0.5nm, 0.1s, SNR=7.9					
EMIN	Mina Concepcio	3.05 322	Pn	12 37 34.1	-0.3
SNR=7.9					
EMIN	Mina Concepcio	3.05 322	Pn	12 37 34.1	-0.3
SNR=7.9					
EBAD	Badajoz	4.01 328	Pn	12 37 10.5	0.0
SNR=4.0					
EBAD	Badajoz	4.01 328	Pn	12 37 10.5	+0.1
SNR=4.0					
EBAD	Badajoz	4.01 328	Pn	12 37 10.5	+0.1
SNR=4.0					
EBAD	Badajoz	4.01 328	Pn	12 37 56.5	-2.0
SNR=4.0					

NEIC 18 12:41:30.6, 46.20N, 122.19W, h1km, MD3.1(SEA), After  
 SEA

ISC 18 12:41:32.6, 1.2, 46.04N, 122.52W, mb3.6/1, mb1 3.7/4,  
 mb1mx3.4/20, ML2.7/3, Error ellipse: s-maj=26.7km  
 s-min=12.8km az=100.0

ISC 18 12:41:30.7, 0.3, 46.21N, 0.02, 122.19W, 0.04, h1km, n42,  
 e076/43, mb3.6/1, 4C-17D, Washington

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
YEL	Yellow Rock	0.00 103	Op	12 41 31.0	+0.2
ESD	East Dome	0.03 114	P	12 41 31.3	0.0
STD	Studebaker Rid	0.04 322	P	12 41 31.8	+0.4
SHW	Mount Saint He	0.04 241	P	12 41 31.6	+0.2
HSR	South Ridge	0.04 171	P	12 41 31.5	0.0
SOSW	Source of Smit	0.05 48	P	12 41 32.1	+0.4
JLK	June Lake	0.07 157	P	12 41 32.0	0.0
CDFW	Cedar Flats	0.14 133	P	12 41 33.7	+0.3
ERK	Elk Rock	0.14 133	P	12 41 33.8	+0.4
MTMW	Mount Mitchell	0.18 184	P	12 41 34.5	+0.1
LVP	Lakeview Peak	0.21 227	P	12 41 34.9	+0.1
KOSW	Kosmos	0.25 0	P	12 41 36.0	+0.3
RWV	Rose Valley	0.39 261	P	12 41 38.0	0.0
ASR	Mount Adams-S	0.42 98	P	12 41 38.8	-0.2

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
LMW	Ladd Mountain	0.46 351	Op	12 41 40.5	+0.7
GULW	Guler Mountain	0.50 124	P	12 41 40.3	-0.4
LCW	Lucas Creek	0.52 233	P	12 41 42.1	-0.1
LCW	Lucas Creek	0.52 233	P	12 41 42.5	-0.2
RCM	Mount Rainier-	0.60 27	Op	12 41 44.3	-0.3
RCM	Mount Rainier-	0.70 27	Op	12 41 44.9	-0.4
BMS	Boisfort Mount	0.77 291	P	12 41 45.2	-0.7
FMW	Mount Fremont	0.81 26	Op	12 41 46.2	-0.5
CPM	Capitol Peak	1.00 320	P	12 41 49.4	-1.1
GSW	Grass Mountain	1.03 15	Op	12 41 49.9	-1.1
KWOR	Kings Mountain	1.07 238	P	12 41 50.3	-1.4
EBG	Ellesmere	1.32 57	P	12 41 56.4	+0.4
CROR	Criterion Ridg	1.49 145	Op	12 41 58.3	-0.4
COR	Corvallis	1.80 206	eP	12 42 02.2	-1.0
HAWA	Hanford	1.85 83	eP	12 42 03.4	-0.4
WAHZ	Wahluke Slope	1.90 72	P	12 42 05.3	+0.9
JCW	Jim Creek	1.99 5	P	12 42 06.2	+0.4
FRIS	Frisell Point	2.00 178	P	12 42 06.4	+0.5
OCWA	Octopus Mounta	2.05 319	eP	12 42 08.2	+1.4
RPW	Rockport	2.29 11	P	12 42 10.9	+0.9
HUMC	Sidney	2.59 341	eP	12 42 14.3	0.0
PGO	Hull Mountain	3.64 189	eP	12 42 29.3	-1.0
EMO	Ellesmere	3.69 219	Pn	12 42 29.1	-1.0
NEW	Newport	4.02 57	Pn	12 42 41.3	+6.6
NEW	Newport	4.02 57	Pn	12 43 08.8	+1.8
YBH	Yreka Blue Hor	4.49 185	P	12 42 42.3	+0.8
0.3nm, 0.3s, baz=38, slow=12, SNR=7.2					
NVAR	Nevada Array Bea	8.29 174	P	12 43 36.0	+1.1
0.0nm, 0.3s, baz=343, slow=10, SNR=3.6					
YKA	Yellowknife Ar	16.88 12	Pn	12 42 37.0	-2.5
0.0nm, 0.3s, baz=199, slow=11, SNR=12					
ILAR	Eliason Array	23.00 333	P	12 46 40.1	+2.7
2.1nm, 1.0s, mb5.6, baz=149, slow=9.1, SNR=12					

ISC 18 12:55:11.5, 3.2, 33.70N, 179.31W, mb3.7/2, mb1 4.0/3,  
 mb1mx3.7/13, ML3.8/1, Error ellipse: s-maj=70.1km  
 s-min=36.4km az=111.0, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
URZ	Urewera	5.40 212	Pn	12 56 33.1	+2.1
2.9nm, 0.3s, baz=271, slow=3.1, SNR=18					
URZ	Urewera	5.40 212	Pn	12 57 36.5	-2.5
3.4nm, 0.3s, baz=146, slow=21, SNR=8.0					
ASAR	Alfons Arins	41.94 271	P	13 03 04.2	-1.5
0.2nm, 0.5s, baz=111, slow=7.6, SNR=12					
WRA	Warramunga Arr	43.23 276	P	13 03 14.7	-1.7
0.6nm, 0.6s, baz=117, slow=7.9, SNR=12					
FINES	FINES Array B	147.80 337	PKPbc	13 14 56.8	+0.4
6.0nm, 1.1s, baz=315, slow=2.0, SNR=3.6					

NEIC 18 13:03:59.2, 0.9, 51.52N, 16.09E, h5km, ML3.2(VIE), Error  
 ellipse: s-maj=11.8km s-min=9.7km az=220.0  
 WAR 18 13:04:00.9, 51.44N, 16.12E, h1km, ML3.0, Mining  
 Induced

18d 14h

Table with columns: ASAR, Alice Springs, 74.94 201, P, P, 13 24 45.5 0.0, etc.

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

DJA 18 13:20:33.0, 0.9, 9.67S, 115.64E, h17km, 29km, MD5.0/4, ML4.5/4, 7C-1D, Error ellipse: s-maj=58.0km, s-min=9.6km az=164.0, South of Ball...

IDC 18 13:33:16.6, 0.8, 48.94N, 155.94E, mb3.9/10, mb1 4.2/12, mb1mx3.9/25, ML4.0/2, MS3.2/1, M1 3.2/1, ms1mx2.6/27, Error ellipse: s-maj=24.7km s-min=15.7km az=151.0...

MOS 18 13:33:16.0, 1.4, 48.89N, 156.12E, h10km, mb4.4/3, Error ellipse: s-maj=21.0km s-min=11.0km az=81.1...

NEIC 18 13:33:18.5, 0.5, 48.81N, 156.06E, h10km, mb4.2/4, Error ellipse: s-maj=13.0km s-min=8.8km az=148.0...

IDC 18 13:33:15.1, 3.1, 48.87N, 0.07, 156.1E, 0.1, h3km, 20km, n32, c092/35, mb4.1/17, East of Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

Table with columns: SKR, SKR, 1.82, 0, ePN, Pn, 13 34 47.2 +0.4, etc.

2004 DEC

Table with columns: AOPR, Portuguese, 2.47 244f, eS, Sn, 14 09 59.7 -3.3, etc.

IDC 18 14:09:56.5, 6.5, 18.53N, 101.30W, mb3.7/4, mb1 4.0/5, mb1mx3.7/19, ML3.6/1, Error ellipse: s-maj=128.0km s-min=99.7km az=107.0...

NEIC 18 14:10:08.8, 18.49N, 102.02W, h74km, MD4.2(MEX), After MEX.

MEX 18 14:10:08.8, 0.7, 18.49N, 102.02W, h74km, 23km, MD4.2 18 14:10:06.7, 0.5, 18.42N, 0.06, 102.04W, 0.04, h90km, 8km, n15, c093/23, mb3.5/4, Michoacan

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: 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: 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: 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: 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: 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: 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: 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: 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.

438

Table with columns: BRVK, Borovoye, 50.98 313, P, P, 14 31 07.2 +1.9, etc.

IDC 18 14:24:21.9, 1.2, 49.78N, 156.88E, mb3.5/3, mb1 3.9/4, mb1mx3.6/22, ML3.4/1, Error ellipse: s-maj=64.0km s-min=18.9km az=151.0, Kuril Islands

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: 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: 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: 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: 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: 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: 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: 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: 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: Code, Station Name, Az, Phase ID, Time, Res, etc.

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









18d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EYMN, MPU, DAU, etc.

2004 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HOPS, PPT, MOD, etc.

442

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKWB, ECAL, EBER, etc.











Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMOK Wichita Mouna, WMOK Wichita Mouna, MBDF Montbardon, etc.

SOF 18 21:34:05.6, 4.0, 85N-27.48E, h10km, MD3.2
CSEM 18 21:34:05.8, 0.1, 4.0, 69N-27.48E, h8km, MD3.1, Error ellipse: s-maj=2.4km s-min=1.4km az=34.0

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SART Tekirdag, EDC Edincik, BNT Bandirama, etc.

IDC 18 21:40:13.4, 2.9, 6.21S, 149.31E, h29km, 17km, mb4.0/6, mb1.4/4.9, mb1mx4.2/14, ML4.2/3, MS3.5/6, Ms1 3.5/6, ms1mx3.3/18, Error ellipse: s-maj=29.5km s-min=16.9km az=106.0

NEIC 18 21:40:15.8, 2.0, 6.30S, 149.22E, h52km, 17km, mb4.6/10, Error ellipse: s-maj=18.3km s-min=12.5km az=86.0

ISC 18 21:40:14.1, 2.6, 6.24S, 0.08, 149.2E, 0.1, h53km, 22km, n28, c099/27, mb4.4/13, MS3.4/4, 2C-10, New Britain region

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: LPAZ La Paz, BDFB Brasilia, BDFB Brasilia. Includes station details and coordinates.

MOS 18 21:50:43.5, 1.8, 48.44N, 152.78E, h143km, mb4.0/4, Error ellipse: s-maj=45.3km s-min=17.2km az=59.0
IDC 18 21:50:47.3, 3.0, 48.32N, 152.68E, h167km, 30km, mb3.4/8, mb1.3/7.10, mb1mx3.4/24, Error ellipse: s-maj=28.5km s-min=13.1km az=123.0

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR comp=N, 120nm, 0.2s, etc.

IDC 18 22:08:55.5, 3.7, 10.10S, 78.38W, mb3.6/2, mb1 4.0/2, mb1mx3.4/14, Error ellipse: s-maj=319.0km s-min=60.4km az=82.0, Near coast of Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, YKA Yellowknife Arr, ILAR Eielson Array, etc.

IDC 18 22:10:52.9, 1.6, 5.56S, 147.24E, h154km, 16km, mb3.5/6, mb1 3.8/9, mb1mx3.7/14, Error ellipse: s-maj=26.7km s-min=10.9km az=108.0

NEIC 18 22:10:53.1, 1.6, 5.44S, 147.21E, h155km, 16km, mb3.4/11, Error ellipse: s-maj=16.4km s-min=11.1km az=107.0

ISC 18 22:10:49.6, 1.4, 5.40S, 0.07, 147.3E, 0.1, h137km, 14km, n27, c108/31, mb4.0/13, 1D, Eastern New Guinea region

Main table for the fourth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ROSC EI Rosal, ROSC EI Rosal, YKA Yellowknife Arr, etc.

IDC 18 22:17:06.3, 1.2, 23.70S, 171.27E, mb3.8/7, mb1 4.1/7, mb1mx4.0/12, MS3.6/2, Ms1 3.6/2, ms1mx3.0/18, Error ellipse: s-maj=37.6km s-min=30.5km az=169.0

ISC 18 22:17:14.3, 3.3, 22.85S, 0.4, 170.7E, 0.1, h10km, 24km, n12, c063/11, mb3.8/7, MS4.0/1, Southeast of Loyalty Islands

Main table for the fifth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, NOUN Port Laguerre, etc.

IDC 18 22:41:11.2, 1.3, 21.43S, 67.96W, h131km, 18km, mb3.2/1, mb1 3.3/3, mb1mx3.1/13, Error ellipse: s-maj=30.0km s-min=14.2km az=102.0, Chile-Bolivia border region

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

IDC 18 23:05:58.3, 25.0, 20.00S, 177.49W, h538km, 244km, mb3.4/5, mb1 3.5/5, mb1mx3.2/16, Error ellipse: s-maj=163.0km s-min=112.9km az=83.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

JMA 18 23:25:57.5, 0.3, 23.97N, 122.54E, h14km, M2.0, TAP 18 23:25:56.4, 23.97N, 122.45E, h13km, 1km, ML2.9, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, IRIOM Iriomote-Funau, etc.

NEIC 18 23:54:06.9, 0.3, 51.63N, 16.13E, h5km, ML3.5(VIE), Error ellipse: s-maj=3.9km s-min=3.6km az=84.0

IPEC 18 23:54:06.4, 0.3, 51.61N, 16.20E, ML2.9/3, Error ellipse: s-maj=1.9km s-min=1.4km az=20.0

BGR 18 23:54:07.6, 0.6, 51.48N, 16.19E, h1km, ML3.5, mb1 9/9, Error ellipse: s-maj=6.7km s-min=5.6km az=142.0

IDC 18 23:54:03.0, 0.6, 51.54N, 15.96E, mb3.5/1, mb1 3.8/10, mb1mx3.6/23, ML3.4/9, Error ellipse: s-maj=10.4km s-min=5.9km az=104.0

CSEM 18 23:54:08.6, 0.1, 51.51N, 16.13E, h1km, ML3.8/5, Error ellipse: s-maj=1.7km s-min=1.2km az=24.0

WAR 18 23:54:09.3, 51.49N, 16.10E, h1km, ML3.6, Mining Induced

PRU 18 23:54:09.0, 51.48N, 16.12E, Felt In Harachov

UPP 18 23:54:11.8, 51.71N, 15.42E, h0km, ML2.0, Suspected Mining Induced

LDG 18 23:54:12.9, 0.2, 51.39N, 15.78E, h1km, M3.2/9, Error ellipse: s-maj=5.7km s-min=2.9km az=161.0, Suspected Mining Induced

ISC 18 23:54:06.5, 0.3, 51.45N, 0.02, 16.06E, 0.02, n118, c1842/202, mb3.6/1, AC-ZG, Poland

Main table for the sixth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.







2004 DEC

451

Table with columns: STKA, Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes entries like Schefferville, Hotter Research, Beckworth, etc.

Table with columns: STKA, Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes entries like Stephens Creek, Debra Dun, Gaotai, etc.

Table with columns: THY, Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes entries like Trims Highway, Eielson Array, Inuvik, etc.







Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like OHCM, LSA, CMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HAWA, HAWA, DAWY, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like FRB, SDV, SDV, etc.

Table of astronomical observations for 19d 5h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.







19d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMCH Combarbala, CMCH Las Melosas, CHCH Chadas Angosto, etc.

NEIC 19 08:06:22.6,0.8, 18.85Sx169.29E, h300km, mb3.6/3, Error ellipse: s-maj=42.8km s-min=10.2km az=154.0

IDC 19 08:06:24.9, 14.0, 18.77S; 169.15E, h319km, 138km, mb3.3/7, mb1 3.6/7, mb103.5/13, Error ellipse: s-maj=67.9km s-min=50.4km az=151.0

ISC 19 08:06:18.0, 2.1, 18.9S, 0.4, 169.3E, 0.2, h267km, 277km, n19, <math>\sigma\_{66}</math>15, mb3.6/9, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumak, NDCU Port Laguerre, CTA Charters Tower, etc.

SNSN 19 08:23:39.0, 26.07N, 35.54E, h200km, M12.4 CSEM 19 08:23:39.6, 0.1, 26.11N, 35.58E, h30km, ML3.2, Error ellipse: s-maj=1.6km s-min=1.1km az=98.0

HLW 19 08:23:41.7, 26.06N, 35.46E, h21km, Mb3.2 ISC 19 08:23:38.8, 3.4, 26.09N, 0.04, 35.58E, 0.07, h23km, 37km, n17, <math>\sigma\_{67}</math>19, Red Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HQSR Mersa Alam, EMRS Mersa Alam, HIFG Umm Lajj, etc.

CSEM 19 08:23:42.7, 9.71N, 78.62W, h100km, mb5.8 IDC 19 08:23:47.2, 0.4, 9.25N, 78.90W, h59km, 2km, mb4.9/20, mb1 5.1/23, mb1 mxs.1/24, MS4.4/17, MS1.4/4/17, ms1mx4.1/22, Error ellipse: s-maj=16.4km s-min=8.8km az=62.0

MOS 19 08:23:47.3, 0.8, 9.43N, 78.87W, h62km, mb5.9/78, MS4.6/9, Error ellipse: s-maj=5.7km s-min=4.3km az=77.8 NEIC 19 08:23:48.2, 0.1, 9.38N, 78.82W, mb5.5/153, MW5.5, Error ellipse: s-maj=4.1km s-min=2.4km az=17.0, Moment Tensor Solution. s6 Moment tensor: Scale 1017Nm; M1-1.51; M2-0.62; M3-2.14; M4-10; M5-0.35; M6-0.53; Best double couple: M1.19x1017 NPT=0.342; <math>\delta</math>38; <math>\lambda</math>-106; NP2=182; <math>\delta</math>54; <math>\lambda</math>-78; Principal axes: T: 2.26, Plg8; Azm263; N: -65, Plg10; Azm355; P: -1.61, Plg78; Azm133

NEIC Felt strongly in Colon, Darien, Panama and San Blas. Also felt in Cocle. A 0.01g maximum acceleration was recorded at Panama City.

SYO 19 08:23:48.1, 9.37N, 78.80W, h58km, MB5.5 HRVD 19 08:23:48.2, 0.2, 9.58N, 78.79W, h57km, 1km, MW5.3/63, Centroid moment Tensor Solution. LP body waves: s56,c98; Mantle waves: s63,c120; Half duration: 1s1 Moment tensor: Scale 1017Nm; M1-0.97x0.3; M2-0.18x0.2; M3-1.15x0.2; M4-0.24x0.2; M5-0.11x0.2; M6-0.46x0.2; Best double couple: M1.19x1017 NPT=0.342; <math>\delta</math>38; <math>\lambda</math>-106; NP2=182; <math>\delta</math>54; <math>\lambda</math>-78; Principal axes: T: 2.26, Plg8; Azm263; N: -65, Plg10; Azm355; P: -1.61, Plg78; Azm133

BUJ 19 08:23:48.2, 9.40N, 78.80W, h58km, MB5.5, MSz5.0 CASP 19 08:23:49.3, 9.45N, 78.83W, h51km, MD4.9, ML4.8, mb5.5(NEIC)

ISC 19 08:23:47.4, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JEF Cerro Jefe, UPA Univ. de Panam, CNI Changuinola, etc.

2000 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUS Buena Vista, URSC Urasca, TRTC Toruergo, etc.

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like XAVN Gruta Xavier, APYN Apoyeque, SDV Santo Domingo, etc.

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

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

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HQT Hockley, HKT Hockley, MYNC Murphy, etc.

458

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PVMO Portageville, JCT Junction City, JCT Junction City, etc.

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

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

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

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

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

ISC 19 08:23:48.2, 0.1, 9.50N, 0.03, 78.78W, 0.01, h58km, h58km, 5km, p-P, n647, <math>\sigma\_{90}</math>591, mb5.5/185, MS4.6/28, 45C-109D, Panama

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



TMUT	Trail Mountain	41.45 321	eP	P	08 31 30.7 +0.5
TMUT			eP	P	08 31 45.9 +0.8
MSU	Marysvale	41.60 319	eP	P	08 31 32.0 +0.5
MSU			ePP	P	08 31 47.0 +0.6
MVU	Marysvale	41.62 319	eP	P	08 31 32.3 +0.7
	comp=Z,60nm,1.7s,mb5.0				
MVU	Landfair	41.79 313	eP	P	08 31 44.8 -1.7
LDFC			eP	P	08 31 34.2 +1.2
LDFC			eP	P	08 31 49.4 +1.4
BAR	Barrett	41.87 309	eP	P	08 31 33.6 -0.1
BAR			eP	P	08 31 48.6 -0.1
NEN	Nelson	41.88 314	eP	P	08 31 33.8 0.0
NEN			eP	P	08 31 48.6 0.0
ARUT	Antelope Range	42.02 318	eP	P	08 31 35.3 +0.4
ARUT			ePP	P	08 31 49.8 -0.1
PFO	Pinyon Flat Ob	42.11 310	eP	P	08 31 35.9 +0.2
PFO			ePP	P	08 31 49.1 -1.5
	comp=Z,13nm,1.0s,mb4.5				
PFO	Pinyon Flat Ob	42.11 310	eP	P	08 31 35.9 +0.2
	comp=Z,13nm,1.0s,mb4.5				
PFO	Maple Canyon	42.15 322	eP	P	08 31 49.1 -1.5
MPU			eP	P	08 31 35.6 -0.3
MPU			eP	P	08 31 50.9 +0.1
DAU	Daniels Canyon	42.16 322	eP	P	08 31 36.5 +0.5
DAU			ePP	P	08 31 51.2 +0.2
NLU	North Lily Min	42.38 321	eP	P	08 31 38.3 +0.3
NLU			eP	P	08 31 53.1 +0.3
JLU	Jordanelle	42.39 322	eP	P	08 31 37.9 0.0
JLU			eP	P	08 31 53.0 +0.2
TCUT	Toone Canyon	42.69 323	eP	P	08 31 40.7 +0.4
TCUT			eP	P	08 31 55.1 -0.2
PDAR	Pinedale Array	42.69 326	eP	P	08 31 39.7 -0.6
	comp=Z,18nm,0.8s,mb4.9,baz=130,slow=8.2,SNR=140				
PDAR			eP	P	08 31 55.2 -0.1
	comp=Z,27nm,0.7s,baz=141,slow=9.5,SNR=191				
PDAR			eP	P	08 33 29.8 -2.1
	comp=Z,5.4nm,0.6s,baz=126,slow=5.6,SNR=6				
PDAR			eP	P	08 33 46.1
	comp=Z,4.1nm,0.6s,baz=142,slow=4.0,SNR=4.2				
NOQ	North Oquirrh	42.83 322	eP	P	08 31 41.6 +0.1
NOQ			eP	P	08 31 57.0 +0.5
ULM	Lac du Bonnet	43.03 344	eP	P	08 31 42.1 -0.8
	comp=Z,62nm,0.5s,mb5.6,baz=151,slow=8.1,SNR=131				
ULM			eP	P	08 31 58.3 +0.4
	comp=Z,30nm,0.8s,baz=146,slow=8.9,SNR=59.9				
ULM			eP	P	08 51 00.6
	comp=Z,347nm,19.2s,MS4.3,baz=345,slow=38				
ULM	Lac du Bonnet	43.03 344	eP	P	08 31 42.0 -1.0
	comp=Z,94nm,0.6s,mb5.7				
ULM			eP	P	08 31 57.4 -0.6
HWUT	Hardware Ranch	43.08 324	eP	P	08 31 42.6 -1.0
	comp=Z,52nm,1.2s,mb5.1				
SPUT	South Promonto	43.42 323	eP	P	08 31 46.1 -0.2
SPUT			eP	P	08 31 59.9 -1.4
TPNV	Topopah Spring	43.50 315	eP	P	08 31 47.0 -0.1
TPNV			ePP	P	08 32 02.1 +0.1
	comp=Z,8.0nm,0.9s,mb4.5				
TPNV	Topopah Spring	43.50 315	eP	P	08 31 47.0 -0.1
	comp=Z,8.1nm,0.9s,mb4.5				
TPNV	Big Grassy Mtn	43.54 322	eP	P	08 32 02.1 +0.1
BGU			eP	P	08 31 47.3 -0.1
BGU			eP	P	08 32 02.5 +0.2
AHID	Auburn Hatcher	43.55 325	eP	P	08 31 47.0 -0.3
	comp=Z,20nm,0.8s,mb4.9				
AHID	Mount Wilson	43.57 310	eP	P	08 32 02.3 0.0
MWC			eP	P	08 31 47.7 0.0
MWC			ePP	P	08 32 02.4 -0.2
TRCR	Troy Canyon	43.75 317	eP	P	08 31 49.4 +0.4
REDW	Red Top Meadow	43.80 326	eP	P	08 31 49.3 0.0
REDW			eP	P	08 32 04.6 +0.6
SNOW	Snow King Moun	43.81 326	eP	P	08 31 49.3 -0.1
SNOW			eP	P	08 32 04.2 -0.2
LCC	LASA Array	43.81 333	eP	P	08 31 48.6 -0.8
	comp=Z,31nm,0.3s,mb5.5				
LAO	Long Hollow	43.82 326	eP	P	08 32 04.5 +0.1
LOHW			eP	P	08 32 04.7 +0.1
LOHW			eP	P	08 31 49.5 -0.3
WUWY	Wally Ulrich	43.85 326	eP	P	08 31 49.0 -1.2
HVU	Hansel Valley	43.90 323	eP	P	08 31 50.2 -0.2
TPAW	Teton Pass	43.93 326	eP	P	08 32 06.1 +0.7
TPAW			eP	P	08 31 50.3 -0.6
MOOW	Moose Ponds	43.99 326	eP	P	08 32 05.9 0.0
MOOW			eP	P	08 31 52.3 -0.2
IMW	Indian Meadow	44.19 326	eP	P	08 32 07.6 +0.1
IMW			eP	P	08 31 52.5 -1.1
DGMT	Dagmar	44.33 336	eP	P	08 32 08.2 -0.4
	comp=Z,79nm,0.8s,mb5.5				
DGMT	Old Madison River	44.50 327	eP	P	08 31 56.8 +1.3
YFT			eP	P	08 31 56.8 +0.1
YMR	Yonah	44.73 316	eP	P	08 31 56.7 -0.2
TPH	Topopah	44.73 316	eP	P	08 32 11.4 -0.5
TPH			ePP	P	08 32 11.4 -0.5
	comp=Z,31nm,1.3s,mb5.0				
TPH	Topopah	44.73 316	eP	P	08 31 56.7 -0.2
	comp=Z,31nm,1.3s,mb5.0				
TPH	Elko	44.81 320	eP	P	08 32 11.4 -0.5
ELK			ePP	P	08 31 56.4 -1.1
ELK			ePP	P	08 32 12.3 -0.2
	comp=Z,32nm,1.6s				
ELK	Elko	44.81 320	eP	P	08 31 56.4 -1.2
	comp=Z,32nm,1.6s,mb4.9				
ELK			eP	P	08 32 12.3 -0.2
QLMT	Earthquake Lak	45.07 327	eP	P	08 32 10.1 +1.5
MTUN	Tungsten Hills	45.32 314	eP	P	08 32 17.4 +0.5
MTUN			eP	P	08 32 17.4 +0.7
MNV	Mina	45.54 316	eP	P	08 32 02.9 -0.5
MNV			ePP	P	08 32 18.4 0.0
	comp=Z,58nm,1.8s,mb5.2				
MNV	Mina	45.54 316	eP	P	08 32 02.9 -0.4
	comp=Z,58nm,1.8s,mb5.2				
MNV	Mina Array Bea	45.65 316	eP	P	08 32 18.4 0.0
	comp=Z,8.8nm,0.8s,mb4.7,baz=120,slow=6.9,SNR=68				
NVAR			eP	P	08 32 19.0 -0.2
	comp=Z,35nm,0.8s,baz=135,slow=6.4,SNR=46				
NVAR			eP	P	08 33 40.8 -1.2
	comp=Z,6.5nm,0.5s,baz=120,slow=4.8,SNR=12				
NVAR			eP	P	08 33 57.4
	comp=Z,7.2nm,0.8s,baz=126,slow=5.0,SNR=4.8				
NVAR			eP	P	08 37 27.0
	comp=Z,2.0nm,0.9s,baz=130,slow=5.3,SNR=9.9				
NVAR	Mina Array Bea	45.65 316	eP	P	08 32 04.2 0.0
	comp=Z,374nm,19.3s,MS4.3,baz=90,slow=41				
NVAR			eP	P	08 32 19.0 -0.2
NVAR			eP	P	08 33 40.8 -1.2
NVAR			eP	P	08 32 19.0 -0.1
NVAR			eP	P	08 37 27.0
NVAR			eP	P	08 54 59.5
NVAR	Bozeman (W)	45.72 328	eP	P	08 32 03.9 -0.8
BOZ			ePP	P	08 32 19.0 0.0
BOZ			ePP	P	08 32 19.0 0.0
	comp=Z,20nm,0.8s,mb5.1				
BOZ	Bozeman (W)	45.72 328	eP	P	08 32 03.9 -0.8
	comp=Z,20nm,0.8s,mb5.1				
BOZ	Old Mammoth Mi	45.75 314	eP	P	08 32 19.7 0.0
OMM			eP	P	08 32 19.0 -0.1
MCMT	McKenzie Canyo	45.84 326	eP	P	08 32 06.2 +0.5
MCMT			eP	P	08 32 21.1 +0.5
BMN	Battle Mountai	45.92 319	eP	P	08 32 05.9 -0.4
BMN			ePP	P	08 32 21.1 -0.3
	comp=Z,67nm,1.6s,mb5.3				
BMN	Battle Mountai	45.92 319	eP	P	08 32 05.8 -0.5
	comp=Z,67nm,1.6s,mb5.3				
BMN	Hailey	45.94 324	eP	P	08 32 21.1 -0.2
HLID			eP	P	08 32 06.3 -0.2
SCHO	Schefferville	46.20 10	eP	P	08 32 08.6 +0.3
	comp=Z,27nm,0.7s,mb5.3,baz=180,slow=5.9,SNR=63				
SCHO			eP	P	08 32 24.9 +1.5
	comp=Z,46nm,1.1s,baz=170,slow=5.9,SNR=7.7				
SCHO			eP	P	08 53 07.8
	comp=Z,335nm,19.0s,MS4.3,baz=104,slow=38				
SCHO	Schefferville	46.20 10	eP	P	08 32 08.5 +0.2
	comp=Z,34nm,0.7s,mb5.4				

HRY	Holter Researc	46.53 329	eP	P	08 32 10.6 -0.5
HRV			eP	P	08 32 26.1 0.0
LRV	Little Rabbit	46.69 312	eP	P	08 32 11.9 -0.6
LRV			eP	P	08 32 27.1 -0.4
CMB	Columbia Colle	46.92 314	eP	P	08 32 12.4 -1.8
	comp=Z,2.0nm,0.7s				
CMB	Columbia Colle	46.92 314	eP	P	08 32 12.4 -1.9
	comp=Z,1.6nm,0.7s				
WCN	Washoe City	47.06 316	eP	P	08 32 15.0 -0.3
WCN			ePP	P	08 32 29.7 -0.7
	comp=Z,13nm,1.2s,mb4.7				
WCN	Washoe City	47.06 316	eP	P	08 32 15.0 -0.3
	comp=Z,13nm,1.2s,mb4.7				
WCN			eP	P	08 32 29.6 -0.7
SAO	San Andreas Ge	47.14 312	eP	P	08 32 14.9 -1.1
SAO			ePP	P	08 32 28.6 -2.5
	comp=Z,20nm,1.0s,mb5.0				
SAO	San Andreas Ge	47.14 312	eP	P	08 32 14.9 -1.1
	comp=Z,20nm,1.0s,mb5.0				
SAO			eP	P	08 32 28.6 -2.5
MSO	Missoula	47.71 328	eP	P	08 32 19.0 -1.2
	comp=Z,20nm,1.3s,mb5.0				
BEKR	Beckwourth	47.73 316	eP	P	08 32 33.6 -1.7
	comp=Z,25nm,1.7s,mb5.0				
BEKR	Honcuc	48.27 315	eP	P	08 32 34.1 -1.6
OHC			eP	P	08 32 39.3 -1.4
OHC			eP	P	08 32 39.3 -0.6
BMO	Blue Mountains	48.38 324	eP	P	08 32 22.8 -2.8
	comp=Z,26nm,1.4s,mb5.1				
BMO	Modoc	48.67 319	eP	P	08 32 35.8 -2.4
	comp=Z,4.8nm,0.8s,mb4.6				
MOD	Saint Helena R	48.71 314	eP	P	08 32 40.0 -2.9
NSHM			eP	P	08 32 27.7 -0.4
NSHM			eP	P	08 32 43.1 -0.2
WDC	Whiskeytown Da	49.54 316	eP	P	08 32 31.1 -3.5
WDC			ePP	P	08 32 46.2 -3.5
	comp=Z,7.0nm,0.8s,mb4.7				
WDC	Whiskeytown Da	49.54 316	eP	P	08 32 31.1 -3.5
	comp=Z,6.8nm,0.8s,mb4.7				
WDC			eP	P	08 32 46.1 -3.6
BUOR	Burton Butte	50.12 318	eP	P	08 32 38.0 -1.0
YBH	Yreka Blue Hor	50.17 317	eP	P	08 32 36.6 -2.8
	comp=Z,4.0nm,0.7s,mb4.5,baz=81,slow=4.8,SNR=16				
YBH			eP	P	08 32 52.5 -2.1
	comp=Z,22nm,0.8s,baz=104,slow=4.6,SNR=22				
YBH	Yreka Blue Hor	50.17 317	eP	P	08 32 36.6 -2.8
	comp=Z,4.0nm,0.7s				
YBH			eP	P	08 32 52.5 -2.1
	comp=Z,22nm,0.8s				
YBH	Yreka Blue Hor	50.17 317	eP	P	08 32 36.2 -3.2
	comp=Z,2.4nm,0.7s				
YBH			eP	P	08 32 51.9 -2.7
NEW	Newport	50.28 327	eP	P	08 32 38.4 -1.8
	comp=Z,11nm,0.9s,mb4.9,baz=141,slow=7.1,SNR=20				
NEW			eP	P	08 32 54.0 -1.3
NEW	Newport	50.28 327	eP	P	08 32 38.4 -1.7
	comp=Z,20nm,1.0s,baz=133,slow=7.1,SNR=12				
NEW			ePP	P	08 32 54.0 -1.3
	comp=Z,11nm,0.9s				
NEW	Newport	50.28 327	eP	P	08 32 38.1 -2.0
	comp=Z,20nm,1.0s				
KHMM	Horse Mountain	50.49 316	eP	P	08 32 53.7 -1.6
KHMM			eP	P	08 32 41.1 -0.6
KHMM			eP	P	08 32 55.9 -1.1
FCC	Fort Churchill	50.52 350	eP	P	08 32 39.7 -2.1
FCC			ePP	P	08 32 55.4 -1.6
	comp=Z,92nm,1.1s,mb5.6				
FCC	Fort Churchill	50.52 350	eP	P	08 32 39.7 -2.1
	comp=Z,92nm,1.1s,mb5.				

Table of astronomical observations for 19d 8h, listing objects like EBR, LFF, MELF, etc., with their coordinates, magnitudes, and observation details.

Table of astronomical observations for 2004 DEC, listing objects like SURF, ECH, MOF, etc., with their coordinates, magnitudes, and observation details.

Table of astronomical observations for 460, listing objects like GERES, KBA, ROBBS, etc., with their coordinates, magnitudes, and observation details.



Table with columns: DL2, comp=N,80m,0.9s, Smax, XAN, XAN, XAN, XAN, XAN, comp=N,54m,0.7s, Smax, XAN, comp=E,27m,0.8s, Smax

IDC 19 09:32:35.3z,6.7,46S:128.50E,h118km,33km,mb3.8/9, mb1.4/0.13,mb1mx4.0/17, Error ellipse: s-maj=27.3km s-min=14.3km az=64.0

NEIC 19 09:32:36.4z,1.7,7.47S:128.52E,h132km,15km,mb4.3/12, Error ellipse: s-maj=13.2km s-min=11.5km az=61.0

ISC 19 09:32:35.9z,1.5,7.54S:0.06z,128.65E,0.09,h146km,15km, n35, r1525/38,mb4.2/17, 2C-1D, Banda Sea

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC

NEIC 19 09:41:28.6z, 18.63N-68.13W, h169km, MD3.7(RSPR), After RSPR.

RSPR 19 09:41:28.6z, 18.63N-68.13W, h169km, 3km, MD3.7/4, MD3.7/4, 5C, Monca Passage

Table of seismic events for NEIC 19 09:41:28.6z, 18.63N-68.13W, h169km, MD3.7(RSPR), After RSPR.

IDC 19 09:55:41.2z,6.4, 17.39N:96.47W,mb3.6/4,mb1.4/0.6, mb1mx3.7/19,ML4.1/1, Error ellipse: s-maj=135.0km s-min=91.6km az=33.0

NEIC 19 09:55:57.9z, 18.00N:97.70W, h68km, mb3.6/6, MD4.1 (MEX), After MEX.

MEX 19 09:55:57.9z, 18.01N:97.70W, h68km, 7km, MD4.2

ISC 19 09:55:59.3z, 13.97N:0.03z, 97.71W, 0.03, h60km, 5km, n35, r1516/49,mb3.6/6,Oaxaca

Main table of seismic events for IDC 19 09:55:41.2z, 6.4, 17.39N:96.47W, mb3.6/4, mb1.4/0.6, mb1mx3.7/19, ML4.1/1, Error ellipse: s-maj=135.0km s-min=91.6km az=33.0

Table of seismic events for HUIG, HUIG, CMIG, CMIG, ZIIG, ZIIG, TEIG, TEIG, TXAR, TXAR, TXAR, TXAR, MIAR, MIAR, ANMO, ANMO, ANMO, ANMO, SDCO, SDCO, PVIO, PVIO, OFUJ, OFUJ, OFUJ, OFUJ, ARUT, ARUT, TPNV, TPNV, TCUT, TCUT, PDAR, PDAR, NVAR, NVAR, ELK, ELK, SNOW, SNOW, MOD, MOD, YKA, YKA, YKA, YKA, ILAR, ILAR

NEIC 19 10:02:12.6z, 17.18N:101.01W, h13km, MD4.1 (MEX), After MEX.

MEX 19 10:02:12.6z, 17.1, 17.18N:101.01W, h13km, 15km, MD4.1, Near coast of Guerrero

Table of seismic events for NEIC 19 10:02:12.6z, 17.18N:101.01W, h13km, MD4.1 (MEX), After MEX.

IDC 19 10:03:10.4z, 5.6, 5.09S:153.42E, h91km, 44km, mb3.7/8, mb1.3/8.10, mb1mx3.7/17, MS3.3/1, Ms1.3/3.1, ms1mx2.7/22, Error ellipse: s-maj=36.5km s-min=20.9km az=63.0

NEIC 19 10:03:11.4z, 3.1, 5.10S:153.39E, h99km, 23km, mb4.3/3, Error ellipse: s-maj=27.4km s-min=15.9km az=61.0

ISC 19 10:03:08.7z, 4.3, 5.0S:0.2z, 153.4E, 0.2, h90km, 33km, n14, r0586/17, mb4.0/10, 1C, New Ireland region

Main table of seismic events for IDC 19 10:03:10.4z, 5.6, 5.09S:153.42E, h91km, 44km, mb3.7/8, mb1.3/8.10, mb1mx3.7/17, MS3.3/1, Ms1.3/3.1, ms1mx2.7/22, Error ellipse: s-maj=36.5km s-min=20.9km az=63.0

DJA 19 10:07:44.0z, 0.9, 4.17S:117.36E, h33km, MD4.6/3, ML4.3/4, Error ellipse: s-maj=28.6km s-min=19.6km

IDC 19 10:07:53.9z, 4.5, 8.08S:119.78E, h171km, 56km, mb3.1/3, mb1.3/3.5, mb1mx3.2/15, Error ellipse: s-maj=104.0km s-min=15.8km az=54.0

ISC 19 10:07:53.0z, 2.8, 8.1S:0.3z, 119.8E, 0.2, h186km, 36km, n10, r0580/15, mb3.6/2, 5C-3D, Flores region

Main table of seismic events for DJA 19 10:07:44.0z, 0.9, 4.17S:117.36E, h33km, MD4.6/3, ML4.3/4, Error ellipse: s-maj=28.6km s-min=19.6km

NIED 19 10:16:00.38z, 0.0N:142.80E, h29km, Mw4.6 Best double couple: M9.18x10^15 N1P1 99°, 867°, 186°. NP2: 92°x211°, 923°, 1101°

JMA 19 10:16:36.0z, 0.1, 3.80N:142.76E, h29km, 2km, M4.7, JMA Fail 1/1

BJI 19 10:16:37.0z, 38.02N:142.52E, h33km, mb4.7, mb4.8, Ms4.5, Msz4.4

MOS 19 10:16:38.2z, 1.2, 3.81N:142.52E, h33km, mb5.0/3.1, MS4.4/6, Error ellipse: s-maj=10.5km s-min=5.9km

az=106.7, IDC 19 10:16:39.2z, 0.5, 38.01N:142.61E, h36km, 3km, mb4.1/25, mb1.4/3.28, mb1mx4.2/33, ML4.1/3, MS4.0/12, Ms1.4/0.125, ms1mx3.6/36, Error ellipse: s-maj=15.0km s-min=11.6km az=116.0

NEIC 19 10:16:39.0z, 0.3, 38.08N:142.61E, mb4.8/26, MS4.4/1, MW4.6 (NIED), Error ellipse: s-maj=7.3km s-min=5.4km az=140.0

NEIC Recorded [2 JMA] in Miyagi and [1 JMA] in Fukushima and Iwate Prefectures

ISC 19 10:16:37.7z, 0.3, 38.04N:0.03z, 142.69E, 0.03, h36km, h36km, 2.0km, mb4.1/25, mb1.4/3.28, mb1mx4.2/33, ML4.1/3, MS4.0/12, Ms1.4/0.125, 6C-3D, Near east coast of eastern Honshu

Main table of seismic events for az=106.7, IDC 19 10:16:39.2z, 0.5, 38.01N:142.61E, h36km, 3km, mb4.1/25, mb1.4/3.28, mb1mx4.2/33, ML4.1/3, MS4.0/12, Ms1.4/0.125, ms1mx3.6/36, Error ellipse: s-maj=15.0km s-min=11.6km az=116.0







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, FINES FINES Array B, ASAR Alice Springs, TXAR Lajitas Array.

NEIC 19 11:38:16.5, 19.09N:64.37W, h38km, MD3.5(RSPR), After RSPR.

RSPR 19 11:38:16.5, 19.09N:64.37W, h38km±28km, MD3.5/9, MD3.5/9, 8C-3D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTP Monte Pirata, CBYP Canovanas, CPD Cerro la Pandu, CSB Colonia Sabana, etc.

IDC 19 11:42:34.5:7.5, 30.43S±177.93W, mb3.3/2, mb1 3.5/2, mb1mx3.4/12, Error ellipse: s-maj=31.0km

s-min=59.7km az=156.0, Kermadec Islands

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

LDG 19 11:56:46.3:0.1, 42.42N±1.28E, h4km, Md2.1/3, M12.0/7, Error ellipse: s-maj=1.1km s-min=0.9km az=167.0

STR 19 11:56:46.4:0.5, 43.07N±1.33E, h5km, 1km, Md2.2, Error ellipse: s-maj=0.5km s-min=0.4km az=170.0

MDD 19 11:56:46.7:0.3, 42.43N±1.27E, h6km, 5km, mbLg1.4/17, Error ellipse: s-maj=2.0km s-min=1.6km az=129.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSOR Sort, CORG Organya, PAND Andorre, SALF Salau, GRBF Goubrit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EBIE Bielsa, EPF Esparrros, EPOB Poblet, CFON Fontmarina, MTLF Montoliu, etc.

NEIC 19 12:47:05.1, 46.19N:122.19W, h1km, MD3.1(SEA), After SEA.

IDC 19 12:47:07.3:1.3, 46.10N:122.33W, mb3.2/2, mb1 3.6/6, mb1mx3.4/19, ML3.1/3, Error ellipse: s-maj=25.3km

s-min=14.7km az=83.0

ISC 19 12:47:05.2:0.4, 46.22N:102.123W±0.05, h1km±4km, n35, c082/35, mb3.2/2, 5C-14D, Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YEL Yellow Rock, STD Studebaker Rid, ESTD Estadome.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHW Mount Saint He, HSR South Ridge, SOWS Source of Smit, etc.

IDC 19 12:47:40.5:0.8, 3.52S:135.62E, mb4.0/8, mb1 4.2/12, mb1mx4.1/16, ML3.9/4, MS3.2/2, Ms1 3.2/2, ms1mx2.8/16, Error ellipse: s-maj=41.9km s-min=18.1km az=73.0

NEIC 19 12:47:43.8:0.5, 3.58S:135.36E, h10km, mb3.9/6, Error ellipse: s-maj=13.9km s-min=8.8km az=79.0

ISC 19 12:47:44.2:1.7, 3.76S:105.135E±0.1, h44km±16km, n27, c182/27, mb3.9/2D, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA Kakadu, PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

SKHL 19 12:48:13.8:0.8, 48.94N:141.59E, h10km, mb4.2/5, SKHL Feit III at Ulgogorsk, Shakhtersk, Krasnopolie, Porechia.

MOS Feit III at Ulgogorsk.

NEIC 19 12:48:22.0:1.8, 48.69N:142.59E, h40km±19km, mb3.6/2, Error ellipse: s-maj=19.2km s-min=14.2km az=130.0

NEIC Feit III at Ulgogorsk.

IDC 19 12:48:22.6:3.0, 48.72N:142.46E, h46km±32km, mb3.4/7, mb1 3.6/7, mb1mx3.4/20, Error ellipse: s-maj=23.7km

s-min=18.8km az=110.0

ISC 19 12:48:14.6:0.3, 48.93N±0.02, 141.67E±0.04, h10km, n27, c112/48, mb3.6/9, 2C-2D, Sakhalin Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGL Ulgogorsk, UGL comp=Z,940nm,0.2s, UGL comp=N,230nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TYV comp=E,40nm,0.7s, YSS Yuzh-Sakhalins, YSS comp=Z,50nm,0.3s, etc.

NEIC 19 12:54:50.3:4.7, 27.19N:140.09E, h344km±48km, mb3.8/7, Error ellipse: s-maj=18.9km s-min=11.4km az=85.0

IDC 19 12:54:51.1:0.7, 27.17N:140.08E, h361km±6km, mb3.3/12, mb3.6/14, mb1mx3.4/24, Error ellipse: s-maj=16.5km

s-min=10.9km az=83.0

JMA 19 12:54:53.0:4.0, 27.48N:141.00E, h394km, M3.9

ISC 19 12:54:51.5:0.6, 27.26N±0.05, 140.11E±0.1, h368km±5km, n39, c102/50, mb3.6/18, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJI Chichi jima, CBJI Chichi jima, JHH Haha-jima-NKT, etc.

19d 15h

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

WEL 19 12:56:37.9-1.2, 46.30Sx165.42E, h33km, ML3.8/6, Error ellipse: s-maj=12.0km s-min=10.8km az=90.0, Off west coast of South Island

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

NEIC 19 13:09:05.7-3.0, 2.67S, 140.90E, h85km, 26km, mb3.9/2, Error ellipse: s-maj=30.7km s-min=15.2km az=142.0

ISC 19 13:09:05.0-4.7, 2.75S-0.2, 140.9E-0.2, h91km, 44km, n12, a1508/12, mb3.8/3, Near north coast of Irian Jaya

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

NEIC 19 13:35:52.0-4.9, 43.20N-15.14E, h10km, ML2.7(LDG), Error ellipse: s-maj=11.1km s-min=5.7km az=117.0

ISC 19 13:35:52.0-4.9, 43.20N-15.14E, h10km, ML2.7(LDG), Error ellipse: s-maj=11.1km s-min=5.7km az=117.0

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

2004 DEC

Table with columns: TCF, Toux Ste Croi, SGFM, Saint Gilles, 9.72 293 ePh, 13.38 11.7, 13.39 01.0

KRSC 19 13:54:25.1-1.8, 49.92N-156.09E, ML3.9, Kuril Islands

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

ISC 19 14:04:59.2-6.3, 2.57S, 139.47E, mb3.8/3, mb1 4.0/6, mb1mx3.8/14, ML3.6/3, Error ellipse: s-maj=91.3km s-min=42.1km az=179.0

NEIC 19 14:05:01.7-4.0, 2.32S, 139.43E, h45km, mb3.8/1, Error ellipse: s-maj=61.3km s-min=19.0km az=175.0

ISC 19 14:05:01.7-4.0, 2.32S, 139.43E-0.1, h33km, n12, a1547/13, mb3.7/2, Near north coast of Irian Jaya

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

ISC 19 14:07:07.5-0.6, 17.90S-174.33W, mb4.2/16, mb1 4.4/16, mb1mx4.4/20, MS3.6/4, Ms1 3.5, ms1mx3.0/25, Error ellipse: s-maj=30.3km s-min=14.6km az=135.0

NEIC 19 14:07:11.1-3.5, 17.95S-174.31W, h23km, 24km, mb4.6/7, Error ellipse: s-maj=16.4km s-min=7.9km az=134.0

ISC 19 14:07:08.8-4.4, 18.0S-0.1x174.3W-0.1, h19km, 31km, n43, a0756/32, mb4.3/20, MS3.5/3, Tonga Islands

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

466

Table with columns: GERES, GERRSS Array B, 148.51 350, PKPbc, PKPdf, 14.26 56.5 +1.8

NEIC 19 14:31:30.5-2.5, 1.86N-127.23E, h95km, 24km, mb4.7/8, Error ellipse: s-maj=18.2km s-min=8.4km az=69.0

ISC 19 14:31:30.3-4.2, 1.9N-0.1, 127.3E-0.2, h109km, 41km, n28, a0562/27, mb4.4/18, 1C-2D, Halmaheira

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

ISC 19 14:37:03.7-1.8, 1.58S-127.88E, mb3.4/2, mb1 3.5/3, s-min=27.6km az=73.0, Halmaheira

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

ISC 19 14:56:49.1-27.0, 16.38S-174.26W, mb4.2/4, mb1 4.3/4, s-min=162.6km az=73.0, Tonga Islands

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

ISC 19 15:05:04.0-1.0, 5.70S-24.90W, mb4.1/2, mb1 4.1/3, mb1mx3.8/11, ML3.3/1, Error ellipse: s-maj=61.2km s-min=22.8km az=60.0

NEIC 19 15:05:05.4-0.6, 5.71S-25.26W, h10km, mb4.5/6, Error ellipse: s-maj=20.1km s-min=12.1km az=59.0

ISC 19 15:05:09.6-3.9, 5.73S-25.02W, h38km, 35km, n23, a1066/17, mb4.3/4, 6C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

CSEM 19 15:13:51.6, 7.52N-124.41E, h33km, mb5.8

DHMR 19 15:13:52.6, 3.2, 7.38N-123.78E, h8km, 99km, mb5.7

MOS 19 15:14:51.5, 1.7, 43N-123.79E, h587km, mb5.4/4/7, Error ellipse: s-maj=13.5km s-min=5.9km az=115.1

MAN 19 15:14:51.7, 3.39N-123.84E, h593km, mb5.7, ML4.7, MS5.2

SYO 19 15:14:51.4, 7.38N-123.75E, h576km, MB5.4



2004 DEC

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like Dehra Dun, New Delhi, Canberra Magna, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like Borovoye Array, Tiksi, Rata Peaks, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like Urfa, Skiklak Lake, Fib, etc.





Table with columns: BDFB, Brasilia, 168.54 223, PKP, PKPdf, 15 33 52.8 +1.4, comp=Z=7.0nm,0.9s,baz=185,slow=0.8,SNR=8.2

NEIC 19 15:43:21.51,3.7,4.1S;129.02E,h83km,13km,mb4.1/4, Error ellipse: s-maj=13.3km s-min=9.1km az=66.0

ISC 19 15:43:22.2.1,7.39S;129.03E,h89km,28km,mb3.8/9, mb1.4/0.13,mb1mx0.4/17, Error ellipse: s-maj=26.8km s-min=12.7km az=66.0

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

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

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

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

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

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

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

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

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

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

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

SNSN 19 16:28:35.7,25.98N;35.46E,h10km,MI2.4 HLW 19 16:28:38.0,26.09N;35.46E,h13km,ML3.2

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

ISC 19 16:44:45.8,3.0,6.59N;122.90E,h634km,42km,mb2.5/4, mb1.2/7.4,mb1mx2.5/17, Error ellipse: s-maj=85.0km s-min=16.6km az=55.0, Mindanao

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

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

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

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

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

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

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

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

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

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

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

SNSN 19 16:28:35.7,25.98N;35.46E,h10km,MI2.4 HLW 19 16:28:38.0,26.09N;35.46E,h13km,ML3.2

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

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

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

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

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

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

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

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

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

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

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

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

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

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





Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OZD, WKZ, MSZ, EAZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWAQ, NWAQ, MATI, MUN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, Nanjing, MWC, MWC, etc.



19d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BVAR, BRVK Borovoye, SCHQ Schefferville, etc.

2004 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO Kilima Mbogo, TATS Tathlith, GUMT Gumushane, etc.

474

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG Berggiesshubel, MORC Moravsky Berou, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like BFO Black Forest, AYA Ayvalik, CDF Champ du Feu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like TXAR Lajitas Array, KMI Kuma, PDAR Pinedale Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like AFJ Afiamalu, AFI Arif, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like ROSC El Rosal, ROSC Yellowknife Arr, SDV Santo Domingo, etc.

ISC 19 20:32:00.5, 0.6, 37.63N, 0.04, 141.36E, 0.09, h72km, 4km, n25, 0.9939, mb3.5/6, 7C-3D, Near east coast of eastern Honshu









19d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like North Lily Min, Daniels Canyon, Maple Canyon, etc.

2004 DEC

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

478

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEV, TRO, TRO, etc.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIS, PYM, PERS, PERS, RJF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TI2, ESAC, DMN, EMIR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTAO, KAKA, KAKA, VISA, etc.



2004 Dec

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HIA Hallar, CMAR Chiang Mai Arr, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 1923:48:11.6, 15.82N-98.91W, MEX 1923:48:11.6, 15.82N-98.91W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 1923:54:09.3, 33.06S-71.11W, GUC 1923:54:09.3, 33.06S-71.11W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROCH El Roble, PEL Peldehue, IHA Instituto Hidr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SICH San Jose de Ma, SFDO San Fernando, CMCH Combarbala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 2000:03:50.2, 1.0, 38.91N-29.08W, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CALA Horta, HOR Horta, PICO Pico, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CASO 2000:31:12.1, 2.8, 9.51N-84.25W, LCR2 La Lucha 2, LAJ Bijagal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 2000:55:51.6, 6.0, 20.27S-168.71E, DZM Mont Dumac, NOUC Port Laguerre, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 2001:24:06.0, 0.1, 35.33N-27.46E, NEIC 2001:24:07.6, 35.53N-27.26E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAL Dalgan (Mudla), SANT Santorini, THRI Thera Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROCH Thira Island, PEL Thira Island, IHA Thira Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SICH Thira Island, SFDO Thira Island, CMCH Thira Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 2001:24:38.9, 3.72S-77.05W, etc.

482

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PISA Pisayambo, PISA Pisayambo, TAMB Tambo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 2001:57:08.9, 1.2, 3.46S-135.81E, KAKA Kakadu, PKM Port Moresby, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 2002:05:44.0, 0.9, 2.46N-96.94E, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHAL Shillong, HYB Hyderabad, PKI Pulchok, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DMN Daman, KKN Kakani, KOLN Koldana, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 2002:38:40.1, 38.00N-20.59E, etc.



Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like MPAAR Parnis Oros, KYTH Kithira, LIT Litohoron, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like PICO Pico, PICO Pico, ROSA Rosais, etc.

LDG 20 02:49:27.0-1.46.69N:7.24E, h3km, Md2.3/3, MI2.4/21, Error ellipse: s-maj=1.6km s-min=0.9km az=84.0

STR 20 02:49:29.4-1.3.46.80N:7.49E, h2km, 1km, MI2.1, Error ellipse: s-maj=0.3km s-min=0.0km az=1.0

ZUR 20 02:49:27.1, 46.69N:7.25E, h11km, ML1.5/12, 5C, Switzerland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like TORNY Torny, TORNY Torny, WIMIS Wimmis, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like KAKA Port Moresby, WRAB Tennant Creek, WRAB Tennant Creek, etc.

CSEM 20 03:36:51.8-1.1, 38.99N:28.69W, h30km, ML2.3, Error ellipse: s-maj=28.1km s-min=10.6km az=130.0

PDA 20 03:36:52.6-0.7, 39.13N:28.82W, h5km, MD3.4, ML2.3, Error ellipse: s-maj=6.1km s-min=2.9km az=121.0

SVSA 20 03:36:52.6-0.7, 39.13N:28.82W, h5km, MD3.4, ML2.3, Error ellipse: s-maj=6.1km s-min=2.9km az=121.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like PCEC Cedros, PCEC Cedros, CALA Caldeira, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like CSEM 20 02:49:02.8-0.8, 38.61N:28.38W, etc.







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUUV, TUVA, TUVA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, MVU, MSU, BMO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BDT, CMAR, CMAR, etc.



Table with columns: MOX, PRU, KECS, NKCC, BLK, NJCS, ELDT, AVNT, VYHS, KOLL, BRTR, BRTR, BRTR, GIVF, PSZ, BAIF, GRF, SMOL, ABH, JLP, KHC, KHC, KHC, JMS, JVT, JRS, JOE, SGKT, RUP, TOD, WET, WLF, ZST, GECZ, GERES, GERES, GERES, HENT, KSCG, FLN, ROSF, KBRS, LANF, LGMF, LDF, ASF, PKSB, GRR, QUA, MOIF, MEZS, WLS, CDF, BFO, ESAT, ARSZ, ECH, THEF, PKSM, HAU, FELD, RHKI, MOF, HINF, ULDT, KBA, WATA, MOTA, WTTA, YNBS, DAV4, LOMF, HYF, TBKS, UMSF, SSF, MFF, BTOK, JMQS, DIVS, SMF, VTS, BGF, RZN, CABF, TCF, EIL, EIL, ALWS, JMO5, AYUS, HAOS, AGO, BDAS, MMB, KKB, TAYS, TAYB, MBAR, BOZC, AYVA, PYM, LPL, KDAG, LRF, CAF, VIVF, MBDF, LASF, SMRF, SJPF, FRF, MTLF, ETSF, EPF

Table with columns: EVO, ESDC, ESDC, JMA, IDC, ISC, Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC

Table with columns: BOAC, OTRP, OTRP, LUBP, LUBP, TGUY, TGUY, LQP, ARP, AUQP, GQP, GQP, NBP, POLP, ENPP, BALP, PPR, IDC, Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMY Shemya, FX1 Attu Island-F, FX1 Attu Island-F, ILAR Eielson Array, YKA Yellowknife Ar, ULN Ulanbaatar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJT Baijitiatau, BJI Beijing, BJI Beijing, BJI Beijing, BJI Beijing, BJI Beijing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, MBWA Marble Bar, DAW Dawson, etc.

IDC 20 09:22:23.6-10.0, 4.435x153.59E, h122km, 63km, mb3.6/4, mb1 3.8/5, mb1mx3.5/12, MS4.0/8, Ms1 4.1/8, ms1mx3.9/21, Error ellipse: s-maj=18.4km s-min=11.5km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

IDC 20 09:26:59.3-0.5, 30.85N-142.09E, mb4.5/20, mb1 4.6/23, mb1mx4.6/28, ML4.3/3, MS4.0/8, Ms1 4.1/8, ms1mx3.9/21, Error ellipse: s-maj=18.4km s-min=11.5km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MA2 Magadan, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, etc.

IDC 20 09:26:59.3-0.5, 30.85N-142.09E, mb4.5/20, mb1 4.6/23, mb1mx4.6/28, ML4.3/3, MS4.0/8, Ms1 4.1/8, ms1mx3.9/21, Error ellipse: s-maj=18.4km s-min=11.5km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, NEW Newport, NEW Newport, etc.

IDC 20 09:27:00.2-0.1, 30.87N-142.26E, h39km, M4.7, MOS 20 09:27:00.2-0.1, 30.86N-141.97E, h33km, mb4.9/23, Error ellipse: s-maj=14.4km s-min=6.9km az=107.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hachioji jima 2, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

IDC 20 09:27:00.2-0.1, 30.87N-142.26E, h39km, M4.7, MOS 20 09:27:00.2-0.1, 30.86N-141.97E, h33km, mb4.9/23, Error ellipse: s-maj=14.4km s-min=6.9km az=107.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YAK Yakutsk, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

IDC 20 09:27:00.2-0.1, 30.87N-142.26E, h39km, M4.7, MOS 20 09:27:00.2-0.1, 30.86N-141.97E, h33km, mb4.9/23, Error ellipse: s-maj=14.4km s-min=6.9km az=107.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, BMO Blue Mountains, HLD Halley, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hachioji jima 2, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hachioji jima 2, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KWP Kalwaria, KWP Kalwaria, KWP Kalwaria, PV10 Paradox Valley, CLL Collim, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hachioji jima 2, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUN Gumba, PKI Pulchoki, KKN Kakan, DMN Daman, GKN Gorkha, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBJ Warrungarra Arr, WRA Warrungarra Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, IMA Indian Mountai, IMA Indian Mountai, etc.

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

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

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0

IDC 20 09:27:05.2-0.2, 30.84N-141.95E, mb4.6/28, MW4.6(NIED), Error ellipse: s-maj=6.4km s-min=4.8km az=80.0





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

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like TBI, Tubuai, SCHO, Schefferville, SCHO, Schefferville, etc.

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

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

NAO 20 13:38:48.6 ± 0.17, 60.05N; 23.79E, h16km, 44km, ML2.2
BER 20 13:38:48.0 ± 1.7, 60.05N; 23.87E, ML2.2(NAO), Suspected explosion

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

CSEM 20 13:54:46.6 ± 0.6, 36.11N; 3.89W, h2km, ML2.9/1, Error ellipse: s-maj=11.7km s-min=4.5km az=169.0

SFS 20 13:54:46.0 ± 0.36, 0.7M; 3.99W, ML2.5
MDD 20 13:54:46.4 ± 1.2, 36.10N; 3.93W, mbLg2.4/7, Error ellipse: s-maj=10.3km s-min=5.2km az=170.0, PRXIMO, Strait of Gibraltar

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

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

LDG 20 13:59:17.1 ± 0.3, 38.16N; 0.59E, h10km, M3.5/7, Error ellipse: s-maj=7.4km s-min=3.2km az=145.0
NEIC 20 13:59:29.4 ± 0.39, 0.09N; 0.14E, h10km, ML3.5(LDG), M2.2(MDD), After MDD
CSEM 20 13:59:29.2 ± 0.1, 39.10N; 0.13E, h10km, M3.3/3, Error ellipse: s-maj=2.7km s-min=1.8km az=133.0
MDD 20 13:59:29.4 ± 0.3, 39.09N; 0.14E, h10km, mbLg2.8/16, 1C, Error ellipse: s-maj=4.7km s-min=2.5km az=119.0, PRXIMO, Spain

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

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

IDC 20 14:00:13.7 ± 0.1, 22.05S; 179.40E, mb3.5/3, mb1 3.7/3, mb1 mx3.5/1/3, Error ellipse: s-maj=127.0km s-min=149.9km az=84.0, South of Fiji Islands

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

IDC 20 14:01:30.0 ± 2.8, 19.10S; 172.55W, h28km, 55km, mb3.5/5, mb1 3.8/5, mb1 mx3.6/1/6, Error ellipse: s-maj=146.0km s-min=20.2km az=149.0, Tonga Islands region



2004 15h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s ISC. Includes stations like Charters Tower, Alice Springs, Warramunga Arr, etc.

DJA 20 14:11:22.0, 0.9, 9.01S: 118.46E, h160km, MD4.6/5, ML5.6/4, Error ellipse: s-maj=33.5km s-min=8.4km az=154.0

NEIC 20 14:11:25.3, 0.6, 8.64S: 118.37E, h128km, mb4.5/16, Error ellipse: s-maj=9.9km s-min=6.1km az=221.0

IDC 20 14:11:27.3, 1.7, 3.2S: 141.60E, h145km, mb4.0/11, mb1.4/2.13, mb1mx4.1/18, Error ellipse: s-maj=19.5km s-min=9.0km az=49.0

ISC 20 14:11:23.3, 0.9, 8.45S: 118.46E, 0.06, h129km, gkm, n49, c15/14/52, mb4.2/22, 4C-2D, Sumbawa region

Main table for 2004 15h section, listing various stations and their coordinates, phases, and times.

IDC 20 14:17:12.9, 3.0, 1.74N: 93.43W, mb4.2/6, mb1.4/4.7, mb1mx4.0/18, MS3.8/7, Ms1.3/8.7, ms-min=61.9km az=67.0

NEIC 20 14:17:14.9, 1.6, 1.80N: 93.44W, h101km, mb4.2/8, Error ellipse: s-maj=53.1km s-min=30.6km az=64.0

Table for Galapagos Islands region, listing stations like El Rosal, Santo Domingo, Lajitas Array.

2004 DEC

Main table for 2004 DEC section, listing various stations and their coordinates, phases, and times.

NEIC 20 14:22:04.9, 0.4, 0.77N: 122.99E, mb4.5/9, Error ellipse: s-maj=25.4km s-min=6.6km az=61.0

BJI 20 14:22:04.9, 0.8, 0.24N: 132.02E, h49km, mb4.5, IDC 20 14:22:07.5, 6.7, 0.74N: 122.99E, h77km, mb3.8/8, mb1.4/1.9, mb1mx3.9/18, ML4.9/1, Error ellipse: s-maj=42.1km s-min=15.2km az=59.0

ISC 20 14:22:03.1, 0.9, 0.79N: 108.123.0E, 0.1, h49km, 20km, h49km, gkm: p-P, n32, c05/58/12, mb4.4/21, 2D, Minahasa Peninsula, Sulawesi

Main table for 2004 DEC section, listing various stations and their coordinates, phases, and times.

IDC 20 14:41:32.5, 2.1, 4.51S: 152.28E, mb3.6/4, mb1.3/9.4, mb1mx3.7/14, Error ellipse: s-maj=116.0km s-min=28.3km az=129.0, New Britain region

Table for stations in the New Britain region, listing stations like Warramunga Arr, Alice Springs, etc.

GUC 20 14:44:30.9, 1.1, 31.36S: 67.79W, h5km, gkm, ML4.9, IDC 20 14:44:32.4, 0.9, 3.1, 21S: 67.80W, h13km, gkm, mb4.2/5, mb1.4/1.6, mb1mx3.9/13, Error ellipse: s-maj=36.7km s-min=20.7km az=108.0

NEIC 20 14:44:32.2, 0.8, 31.23S: 67.64W, h110km, gkm, Error ellipse: s-maj=14.1km s-min=6.9km az=99.0

ISC 20 14:44:31.3, 1.0, 31.29S: 67.59W, 0.10, h109km, 14km, n33, c08/71/40, mb4.3/5, 5C-2D, San Juan Province

494

Main table for 494 section, listing various stations and their coordinates, phases, and times.

IDC 20 14:54:44.3, 3.7, 37.86N: 70.42E, mb3.8/2, mb1.3/9.4, mb1mx3.5/20, ML3.5/2, Error ellipse: s-maj=70.8km s-min=56.0km az=131.0

NEIC 20 14:54:59.6, 2.6, 38.99N: 70.33E, h60km, Error ellipse: s-maj=37.0km s-min=25.1km az=166.0

ISC 20 14:54:53.8, 2.8, 38.7N: 0.3, 70.1E, 0.2, h33km, n17, c19/11/7, mb3.8/2, Afghanistan-Tajikistan border region

Main table for 494 section, listing various stations and their coordinates, phases, and times.

TRN 20 15:15:20.5, 15.79N: 61.00W, h35km, MD3.8, 7C-2D, Leeward Islands

Table for stations in the Leeward Islands, listing stations like Marie-Galante, Wesley, La Desirade, etc.



















501

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like BUM Brajici-Budva, GRUS Gruza, EIL Elat, etc.

2002 DEC

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like GNI Garni, GNI Garni, GNI Garni, etc.

20d 23h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like VRSR comp=E,3.0nm,0.5s, VRSR comp=N,70nm,1.1s, etc.



Table with columns for call sign, frequency, power, and other technical details. Includes stations like Alders End, EMIJ, TZK, LHO, MCH, HPK, REAL, HLM1, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KTK1, ARCES, AREO, KEV, TRO, BRVK, BVAR, CHKZ, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like GKN, MNGI, HYB, DMN, SUMG, KKN, PKI, GUN, VIS, MOY, ERUA, etc.

21d 0h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Chul'man, Schefferville, Chiang Mai, etc.

2004 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like MA2, FCC, SESHAN, etc.

504

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WRAB, WB2, ASPA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HENT, MAMC, IKL, CSS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EKA, AAK, KLN, GKN, etc.

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











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

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

Code Station Name Az Phase ID Time Res ISC
GUC 21 11:50:41.6-1.0, 29.32S, 72.33W, h32km, 1.0km, MD3.6,
ML3.8, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Kakadu, Fitzroy Crossi, Marble Bar, etc.

IDC 21 12:17:29.0-7.0, 18.73S-174.09W, mb4.0/3, mb1 4.3/3,
mb1mx3.8/1.4, Error ellipse: s-maj=300.0km
s-min=38.8km az=142.0, Tonga Islands

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

IDC 21 13:12:51.5-3.3, 9.54S, 111.06E, mb3.7/3, mb1 3.9/3,
mb1mx3.7/1.4, MS3.0/1, Ms1 3.2/1, ms1mx2.4/1.4, Error
ellipse: s-maj=115.0km s-min=31.5km az=59.0, South
of Java

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

CSEM 21 13:13:36.5-0.1, 37.07N-28.30E, h8km, MD3.4, Error
ellipse: s-maj=3.9km s-min=2.2km az=52.0
ISK 21 13:13:37.3, 36.92N-28.29E, h30km, MD3.4
NEIC 21 13:13:38.5, 36.98N-28.29E, h17km, MD3.2(ATH), After
ATH

ATH 21 13:13:38.7, 36.98N-28.27E, h15km, 7km, MD3.2/5
ISC 21 13:13:37.5-0.6, 37.03N-0.03E, 28.31E, 0.04, h7km, 6km,
n23, f101/30, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Dalyan (Mudla), Kayabasi, Tasoluk, etc.

IDC 21 13:43:41.8, 1.0, 59.85N-137.65W, mb3.7/4, mb1 4.1/9,
mb1mx3.8/2.2, ML3.7/5, Error ellipse: s-maj=19.5km
s-min=9.4km az=42.0

NEIC 21 13:43:41.0, 59.87N-137.34W, h1km, mb3.8/2,
ML4.2(PMR), ML4.0(PGC), ML4.0(AEIC), After PGC.
NEIC Felt at Whitehorse, Yukon Territory.
PGC 21 13:43:41.2, 59.87N-137.34W, h1km, ML4.0/4
PGC St. Elias Mountains, British Columbia Felt (I) in
Whitehorse.

ISC 21 13:43:39.1-0.3, 59.90N-0.03E, 137.17W, 0.05, h1km, n55,
f120/71, mb3.8/6, 3Z, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Haines Junctio, Peninsula, Yakutat, etc.

IDC 21 13:50:12.2, 1.2, 32.47S, 71.73W, mb4.5/4, mb1 4.4/5,
mb1mx4.1/1.4, ML4.7/1, MS3.5/3, Ms1 3.5/3, ms1mx3.3/1.3,
Error ellipse: s-maj=44.0km s-min=28.0km az=102.0









Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBN, BTM, GOA, MUD, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NB2, NOA, HFS, GFKP, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EZC, BTM, GOA, MUD, etc.

BRTR	Keskin Array B	77.28 313	P	P	15 46 18.6 +0.3
BRTR					15 49 10.1
BRTR	comp=Z,45nm,0.8s		pmax	pmax	
BRTR	comp=Z,9.0nm,1.0s		pmax	pmax	
HASS	Wahat al Ahsa'	77.32 292	P	P	15 46 17.8 -1.0
KAMT	Kaman	77.49 319	P	P	15 46 18.5 -1.0
MTUR	Matau	77.51 321	P	P	15 46 20.2 +0.7
CLL	Colim	77.54 332	i/P	P	15 46 19.0 -0.5
CLL			i	P	15 46 20.0 -0.7
CLL			eS	S	15 56 03.0 -3.6
CLL	comp=Z,274nm,1.0s,mb5.1		pmax	pmax	
CLL	comp=Z,2um,17.7s,MSS.6		MLR	MLR	
CLL	comp=Z,2um,17.7s,MSS.6		MLR	MLR	
CLL	Colim	77.54 332	i/P	P	15 46 19.0 -0.5
CLL	comp=Z,274nm,1.0s,mb5.1		i	P	15 46 30.4 -0.7
CLL			eS	LR	15 56 03.0 -3.6
CLL	comp=Z,2um,17.7s,MSS.6		i	P	15 46 19.0 -0.5
CLL	comp=Z,logA/T=2.4,mb6.1		e		15 46 23.0
CLL			i	P	15 46 30.4 -0.7
CLL			e	S	15 46 35.7 +0.4
CLL			i	S	15 56 03.0 -3.6
CLL			eS	ScS	15 56 23.0 -8.3
CLL			eS	ScS	15 56 51.0 -0.7
BRG	Berggiesshubel	77.57 331	i/P	P	15 46 19.9 -0.2
BRG			e	S	15 46 35.5
BRG			eS	S	15 56 04.0 -2.9
BRG			pmax	pmax	
BRG	comp=Z,78nm,1.0s,mb5.6		MLR	MLR	
BRG	comp=N,2um,19.5s,MSS.6		MLR	MLR	
BRG	comp=E,1um,19.5s,MSS.6		MLR	MLR	
BRG	comp=Z,4um,19.5s,MSS.7		MLR	MLR	
BRG	Berggiesshubel	77.57 331	i/P	P	15 46 19.5 -0.2
BRG	comp=Z,78nm,1.0s,mb5.6		i	P	15 46 35.5
BRG			eS	PP	15 49 07.0 -1.0
BRG			eS	S	15 56 04.0 -2.9
BRG			eS	ScS	16 01 51.0
BRG			LR	LR	
BRG	comp=Z,4um,19.5s,MSS.7		AMS	AMS	
BRG			AMS	AMS	
ANTO	Ankara	77.63 313	P	P	15 46 19.7 -0.6
ANTO	Ankara	77.63 313	P	P	15 46 21.0 +0.8
LOD	Lodumlu	77.63 313	eP	P	15 46 18.8 -1.4
PVCC	Panska Ves	77.63 330	i/P	P	15 46 20.2 +0.2
PVCC			AMS	AMS	16 23 40.0
VYHS	Vyhne	77.65 327	eP	P	15 46 20.7 +0.6
VYHS			eS	P	15 46 35.2 -0.7
PSZ	Piszkesteto	77.68 326	i/P	P	15 46 20.7 +0.4
PSZ			e	P	15 46 32.2 +0.3
PSZ			e	P	15 46 37.2 +1.1
PSZ			pmax	pmax	
PSZ	comp=Z,160nm,0.9s,mb5.0		P	P	15 46 21.1 +0.8
PSZ	Piszkesteto	77.68 326	i/P	P	15 46 21.1 +0.8
TUC	Tucson	77.72 57	eP	P	15 46 21.3 +0.4
TUC	comp=Z,16nm,1.0s,mb4.9		LR	LR	
KOLL	Kolacno	77.75 327	i/P	P	15 46 21.4 +0.7
KOLL			eP	P	15 46 31.3 -1.0
VRAC	Vranov	77.87 329	eP	P	15 46 21.5 +0.1
VRAC	comp=Z,129nm,0.9s,mb5.8,baz=37,slow=6.1,SNR=109		P	P	15 46 22.0 +0.7
VRAC	Vranov	77.87 329	P	P	15 46 22.0 +0.7
NIG	Nigde	77.90 311	P	P	15 46 20.1 -1.7
PRD	Provdia	77.94 319	i/P	P	15 46 23.0 +1.2
CLZ	Clausthal	77.99 333	i/P	P	15 46 22.3 +0.4
CLZ	comp=Z,215nm,1.1s,mb5.9		P	P	15 46 21.5 -0.9
MDU	Mudurnu	78.03 315	P	P	15 46 22.3 -0.2
CEYT	Ceyhan	78.04 310	eP	P	15 46 22.7 +0.2
PRU	Pruhonice	78.09 330	i/P	P	15 46 33.9 -0.2
PRU			e	P	15 46 38.5
PRU			pmax	pmax	
PRU	comp=Z,173nm,1.0s,mb5.9		MLR	MLR	
PRU	comp=Z,4um,19.6s,MSS.7		MLR	MLR	
PRU	Pruhonice	78.09 330	i/P	P	15 46 22.7 +0.2
PRU	comp=Z,173nm,1.0s,mb5.9		eP	P	15 46 33.9 -0.2
PRU			iS	P	15 46 38.5 +0.2
PRU			AMS	AMS	16 23 50.0
SMOL	Smolenice	78.19 328	i/P	P	15 46 24.2 +1.1
SMOL			eS	P	15 46 40.3 +1.4
WIT	Witteveen	78.32 336	eP	P	15 46 24.4 +0.7
KLBR	Kellerberrin	78.33 204	i/P	P	15 46 24.3 +0.1
BUD	Budapest	78.38 326	eP	P	15 46 24.8 +0.7
SRO	Srobarova	78.40 327	i/P	P	15 46 25.5 +1.2
SRO			eP	P	15 46 36.2 +0.3
SROZ	Moca	78.41 327	eP	P	15 46 25.4 +1.1
SROZ			eP	P	15 46 36.4 +0.5
HTY	Hatay	78.44 309	eP	P	15 46 24.6 -0.1
SRO1	Iza	78.48 327	eP	P	15 46 25.9 +1.2
LAZ	Ladron	78.49 54	eP	P	15 46 26.1 +1.1
ANMO	Albuquerque	78.51 53	eP	P	15 46 24.2 -0.9
ANMO			pmax	pmax	
ANMO	comp=Z,14nm,1.0s		P	P	15 46 24.2 -0.9
ANMO	Albuquerque	78.51 53	eP	P	15 46 24.2 -0.9
ANMO	comp=Z,14nm,1.0s,mb4.8		P	P	15 46 24.0 -1.3
HRT	Hereke	78.57 316	eP	P	15 46 26.2 +1.0
ZST	Bratislava	78.58 328	eP	P	15 46 21.0 +0.8
ZST			eS	P	15 46 21.0 +0.8
MOX	Moxa	78.58 332	eP	P	15 46 25.0 -0.2
MOX			pmax	pmax	
MOX	comp=Z,125nm,1.4s,mb5.7		MLR	MLR	
MOX	comp=Z,1um,22.0s,MSS.2		MLR	MLR	
MOX	Moxa	78.58 332	i/P	P	15 46 25.0 -0.2
MOX	comp=Z,logA/T=1.9,mb5.6		pP	P	15 46 36.0 -0.8
MOX			pP	P	15 46 42.0 -1.0
MOX			S	S	15 56 13.0 -4.7
MOX			sSS	S	16 02 11.0
MOX			L	L	16 24 00.0
MOX	Moxa	78.58 332	eP	P	15 46 25.0 -0.2
MOX	comp=Z,125nm,1.4s,mb5.7		LR	LR	
MOX	comp=Z,1um,22.0s,MSS.2		LR	LR	
SZH	Strazhica	78.59 320	P	P	15 46 25.8 +0.4
EKA	Eskdalemuir Ar	78.62 342	i/P	P	15 46 25.3 0.0
EKA	comp=Z,69nm,1.0s,mb5.5,baz=16,slow=4.8,SNR=68		P	P	15 46 25.3 0.0
EKA	Eskdalemuir Ar	78.62 342	P	P	15 46 25.3 0.0
EKA			pmax	pmax	
NKC	Novy Kostel	78.64 331	i/P	P	15 46 25.4 -0.1
NKC			eP	P	15 46 36.0 -0.5
NKC			AMS	AMS	16 23 50.0
ESK	Eskdalemuir	78.65 342	eP	P	15 46 25.5 0.0
ESK			pmax	pmax	
ESK	comp=Z,75nm,0.9s,mb5.6		P	P	15 46 25.5 0.0
ESK	Eskdalemuir	78.65 342	eP	P	15 46 25.5 0.0
ESK	comp=Z,75nm,0.9s,mb5.6		pP	P	15 46 26.1 +0.3
PKS7	Kusanztmikios	78.67 326	eP	P	15 46 27.7 +1.4
ISK	Istanbul-Kandi	78.71 342	i/P	P	15 46 27.5 +1.0
LEN1	Lemitar	78.75 54	eP	P	15 46 27.5 +1.0
VKA	Vienna	78.83 328	i/P	P	15 46 27.0 +0.4
VKA	comp=Z,672nm,3.0s		P	P	15 46 24.8 -2.1
KIZT	Kizil	78.83 313	P	P	15 46 27.7 +0.7
LPM	Los Pinos Moun	78.85 57	eP	P	15 46 27.5 +1.0
BHH	Howats Hill	78.86 342	i/P	P	15 46 25.9 -0.8
SCHO	Schefferville	78.86 18	P	P	15 46 25.9 -0.8
SCHO	comp=Z,30nm,0.9s,mb5.2,baz=343,slow=5.2,SNR=20		LR	LR	16 26 31.9
SCHO	comp=Z,1um,19.4s,MSS.2,baz=338,slow=40		LR	LR	
SCHO	Schefferville	78.86 18	eP	P	15 46 25.9 -0.7
SCHO	comp=Z,41nm,0.8s,mb4.4		P	P	15 46 26.7 -0.1
BWH	Wardlaw	78.88 343	i/P	P	15 46 26.7 -0.1
YMB	Yambol	78.89 319	i/P	P	15 46 23.0 -4.1
JBT	Talkin	78.91 342	i/P	P	15 46 27.0 +1.4
ESK7	Eskisehir	78.91 314	P	P	15 46 27.5 +1.7
BNM	Barren Site	78.97 54	eP	P	15 46 28.5 +0.0
PKS8	Sarbagard	79.00 326	eP	P	15 46 27.6 0.0
WTSB	Winterswijk	79.01 335	eP	P	15 46 27.0 -0.6

WTSB			eP	P	15 46 38.6 -0.6
WTSB			eS	pP	15 46 43.7 +0.3
BDL	Docbross Hall	79.06 342	eP	P	15 46 28.1 +0.4
GMK	Mull of Kintyre	79.14 344	eP	P	15 46 28.0 -0.2
KHC	Kasperske Hory	79.15 330	i/P	P	15 46 28.6 +0.3
KHC			e	P	15 46 39.7 -0.3
KHC			e	P	15 46 43.5
KHC			eS	S	15 56 26.7 +3.0
KHC			MLR	MLR	
KHC	comp=Z,5um,18.9s,MSS.8		P	P	15 46 28.6 +0.3
KHC	Kasperske Hory	79.15 330	i/P	P	15 46 28.7 -0.3
KHC			eP	P	15 46 43.5 -0.7
KHC			eS	S	15 56 26.7 +3.0
KHC			AMS	AMS	16 24 40.0
BBO1	Bothel	79.19 342	i/P	P	15 46 28.5 0.0
SOP	Sopron	79.21 328	eP	P	15 46 29.7 +1.0
KON	Konya-Tatoy	79.25 312	P	P	15 46 28.5 -0.7
EDRB	Edirne	79.28 318	P	P	15 46 27.0 -2.2
GE2	GERESS Array S	79.34 330	eP	P	15 46 29.3 -0.1
GE2			pmax	pmax	
GE2	comp=Z,62nm,1.1s,mb5.5		P	P	15 46 29.3 -0.1
GE2	GERESS Array S	79.34 330	eP	P	15 46 29.3 -0.1
GERES	GERESS Array B	79.34 330	P	P	15 46 29.3 -0.1
GERES	comp=Z,36nm,0.8s,mb5.3,baz=34,slow=4.8,SNR=173		P	P	15 46 29.3 -0.1
GERES	GERESS Array B	79.34 330	P	P	15 46 29.3 -0.1
GERES			pmax	pmax	
WET	Wetzell	79.39 331	eP	P	15 46 30.2 +0.5
WET			pmax	pmax	
WET	comp=Z,154nm,1.0s,mb5.9		eP	P	15 46 30.2 +0.5
WET	Wetzell	79.39 331	eP	P	15 46 30.2 +0.5
GALI	Galloway	79.40 343	i/P	P	15 46 29.4 -0.2
GCL	Gushendall	79.50 344	i/P	P	15 46 30.1 0.0
GRA1	Grafenberg Arr	79.52 332	eP	P	15 46 30.5 +0.2
GRA1	comp=Z,226nm,1.0s,mb5.0		eP	P	15 46 41.9 -0.1
GRA1			eS	LR	15 46 46.9 +0.7
GRA1			LR	LR	
GRA1	comp=Z,2um,21.1s,MSS.4		eP	P	15 46 30.5 +0.2
GRF	Grafenberg Arr	79.52 332	eP	P	15 46 41.9 -0.1
GRF			e	P	15 46 46.9 +0.7
GRF			eS	P	15 46 46.9 +0.7
GRF			pmax	pmax	
GRF	comp=Z,226nm,1.0s,mb5.0		MLR	MLR	
GRF	comp=Z,2um,21.1s,MSS.4		P	P	15 46 30.5 +0.2
GRF	comp=Z,226nm,1.0s,mb5.0		eP	P	15 46 41.9 -0.1
GRF			eP	P	15 46 46.9 +0.7
GRF			LR	LR	
ORLT	Orhaneli	79.54 316	P	P	15 46 31.4 +0.7
PKSM	Moragy	79.55 326	i/P	P	15 46 30.2 -0.4
ALT	Alit	79.64 314	P	P	15 46 30.2 -1.0
DIM	Dimitrovgrad	79.71 319	i/P	P	15 46 31.7 -0.9
NWAO	Narrogin (SRO)	79.73 204	P	P	15 46 32.4 +0.5
NWAO	comp=Z,160nm,0.9s,mb5.1,baz=16,slow=6.2,SNR=6.9		P	P	15 46 32.4 +0.5
NWAO	Narrogin (SRO)	79.73 204	P	P	15 46 32.4 +0.5
NWAO			pmax	pmax	
IKL	Isikli	79.75 310	eP	P	15 46 29.4 -2.5
BNT	Bandirma	79.81 317	P	P	15 46 32.1 0.0
RHO	Bakonya	79.88 326	i/P	P	15 46 32.3 -0.1
BHK	Belgrade	79.89 324	i/P	P	15 46 31.5 -0.9
MOA	Mollin	79.96 329	i/P	P	15 46 33.0 +0.3
ARSA	Arzberg	79.97 328	i/P	P	15 46 33.3 +0.5
ARSA	comp=Z,150nm,1.7s,mb5.7		P	P	15 46 30.9 -1.9
SVIS	Sviljanac	79.97 323	i/P	P	15 46 34.0 -1.0
PGB	Panagyurishte	79.98 320	i/P	P	15 46 34.0 -1.0
BOLS	Boljevac	80.00 322	i/P	P	15 46 34.2 -0.8
TOO	Toolangi	80.05 180	eP	P	15 46 34.8 +1.4
RYDS	Riyadh	80.04 294	P	P	15 46 31.5 -2.2
WIM	Wim	80.06 343	i/P	P	15 46 33.1 0.0
WIM	Isle of Man	80.06 343	i/P	P	15 46 34.6
KDZ	Kurdzhali	80.07 319	i/P	P	15 46 34.5 +1.0
GMM	Mts of Mourne	80.25 343	i/P	P	15 46 33.8 -0.

21d 16h

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ALWS, EVR, DIX, etc.

2004 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like LFF, LBS, MTLF, etc.

516

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ABRA, ABRA, APYV, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NEMZ, NEMZ, JAK, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RPZ, STKA, STKA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KJL, KJL, CNTC, etc.







Table with columns for call sign, frequency, power, and other technical details. Includes stations like WMQ, HGN, XAN, CLL, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SSF, FUR, LOMF, CRVS, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KSH, FRF, MLR, MTE, etc.









Table of astronomical observations for 21 Dec 23h, listing objects like MDM, NEA, DIV, etc. with columns for Code, Station Name, Az, Alt, Phase ID, Time, Res, and ISC.

Table of astronomical observations for 2004 DEC, listing objects like KTD, BGG, BGG, etc. with columns for Code, Station Name, Az, Alt, Phase ID, Time, Res, and ISC.

Table of astronomical observations for 524, listing objects like MAW, MAW, ILAR, etc. with columns for Code, Station Name, Az, Alt, Phase ID, Time, Res, and ISC.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, SONMI Sogino Array, STKA Stephens Creek, ZAL Zalesovo.

INMG 22 00:05:08.5-1.2, 36.72N-7.87W, h27km, 12km, ML2.2, Error ellipse: s-maj=7.1km s-min=4.2km az=38.0

MDD 22 00:05:08.0-1.4, 36.73N-7.86W, h25km, 14km, mBLg2.16, 1C-1D, Error ellipse: s-maj=13.0km s-min=5.3km az=31.0, PRXIMO, Strait of Gibraltar

Main table of station data for the first section, including stations like PALC Alcoutim, PTEO Sao Teotonio, EMIN Mina Concepcio, etc.

NEIC 22 00:10:03.0, 15.90N-95.98W, h46km, MD3.6(MEX), After MEX.

MEX 22 00:10:03.0-0.4, 15.90N-95.99W, h46km, 5km, MD3.6, 2D, Near coast of Oaxaca

Table of station data for the NEIC/MEX section, including stations like HUIG Huatulco, VHO Vista Hermosa, CMIG Matias Romero, etc.

NIED 22 00:18:00.23, 30N-121.60E, h23km, Mw4.4, Best double couple: M=4.06x1015 NP1phi289, d74, lambda-33, NP2phi30, d59, lambda-161

BUI 22 00:18:02.5, 23.28N-121.60E, h4km, mb4.7, mb4.2, ML4.5, Ms4.4, Ms2.4

NEIC 22 00:18:04.5-0.4, 23.30N-121.78E, h10km, mb4.3/13, Error ellipse: s-maj=10.3km s-min=7.3km az=63.0

NEIC Recorded [4 TAP] in Taiwan, [3 TAP] in Hua-lien and [1 TAP] in Chia-i, Nan-tou and Yun-lin Counties.

TAP 22 00:18:07.0, 23.38N-121.52E, h25km, ML4.7

TAP Feit II J at Yuli, III J at Hungye, IV J at Chengnung, II J at Laidau, I J at Hualien, I J at Alishan, I J at Taitung, I J at Taiyuan, I J at Hehuanshan, I J at Tsauling, I J at Dapu, I J at Tsauhsan, I J at Gukeng, I J at Nanau, I J at Lanyu.

JMA 22 00:18:07.8-0.2, 23.34N-121.59E, h71km, M4.2

IDC 22 00:18:08.2-4.8, 23.36N-121.75E, h36km, 39km, mb4.0/17, mb1.4/2/18, mb1mx4.1/24, ML3.9/1, MS4.0/5, Ms1.4/0/5, ms1mx3.6/16, Error ellipse: s-maj=20.1km s-min=13.0km az=69.0

ISC 22 00:18:06.3-0.3, 23.32N-121.61E-0.02, h25km, 2km,

Table of station data for the second section, including stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Main table of station data for the second section, including stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WYU Yuli, CHKT Chengkung, EHY Hungye, etc.

Table of station data for the third section, including stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMK Miyako jima 2, JOGS Gusekubue, etc.

Table of station data for the third section, including stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Code Station Name Az Phase ID Time Res. Includes stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Code Station Name Az Phase ID Time Res. Includes stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Main table of station data for the third section, including stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Code Station Name Az Phase ID Time Res. Includes stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Code Station Name Az Phase ID Time Res. Includes stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Table of station data for the fourth section, including stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CMAR Chiang Mai Arr, MDJ Mudanjiang, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, SARN Sarigan, MDJ Mudanjiang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 22 02:10:46.7, LDG 22 02:10:48.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNF Hinterfall, MEZF Matizeres U'vi, CABF La Chapelle, etc.

22 02:19:48.2-6.0, 44.94S; 167.39E, h118km, 46km, mb3.6/4, mb1 3.8/5, mb1mx3.6/9, MS2.8/1, Mst 2.8/1, ms1mx2.0/17, Error ellipse: s-maj=102.0km s-min=26.0km az=5.0

NEIC 22 02:19:48.8, 45.14S-167.29E, h117km, Alter WEL

NEIC Fatat Queenstown and Te Anau

WEL 22 02:19:49.7, 0.45, 145.15S; 167.37E, h112km, 3km, ML4.8/10, Error ellipse: s-maj=3.1km s-min=1.6km az=90.0

WEL Felt from Otago to Southland, maximum reported intensity MM 4.

ISC 22 02:19:47.4-0.5, 45.11S-0.05; 167.57E-0.07, h134km, 4km, n54, c109/71, mb3.7/4, 6C-2D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WZV Waitaha Valley, MOZ McQueen's Vall, etc.

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

ISC 22 02:32:17.0, 0.37, 01N-28.16E, h2km, MD3.5

CSEM 22 02:32:18.0-1.0, 0.37, 01N-28.22E, h5km, MD3.5, Error ellipse: s-maj=2.1km s-min=1.2km az=147.0

NEIC 22 02:32:19.6, 37.05N-28.21E, h19km, MD3.4(ATH), After ATH.

ATH 22 02:32:19.7, 37.05N-28.20E, h23km, 8km, MD3.4/5

ISC 22 02:32:19.1-0.6, 37.02N-0.03; 28.22E-0.04, h10km, 6km, n26, c099/33, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALY Dallyn (Mudla), BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MANT Manisa, IZM Izmir, BLCB Balçova, etc.

FUNV 22 02:43:57.1, 10.64N-62.47W, h89km, MW3.3

TRN 22 02:43:57.5, 10.79N-62.44W, h13km, MD3.7

ICC 22 02:44:00.4-2.5, 11.14N-62.99W, h98km, 9km, mb3.3/6, mb1 3.6/7, mb1mx3.3/19, Error ellipse: s-maj=5.7km s-min=7.2km az=135.0

ISC 22 02:43:55.0-0.3, 10.64N-0.04; 62.56W-0.03, h103km, 4km, n33, c097/49, mb3.5/6, 4C-5D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUIV Guiria, GUNV Guanoco, CRUV Carupano, etc.

ISC 22 02:50:37.5-9.23, 00S-179.65E, h607km, 71km, mb3.0/5, mb1 3.4/5, mb1mx3.1/13, Error ellipse: s-maj=188.0km s-min=29.1km az=163.0, South of Fiji Islands

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

WEL 22 02:56:06.0-0.4, 39.27S-174.67E, h187km, 4km, ML3.5/6, 4D, Error ellipse: s-maj=5.8km s-min=2.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PKE Pukeiti, WAZ Wanganui, CNZ Chateau, etc.















Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like NIZ, BOD, and BOD.

NIED 22 15:24:00.41.50N,141.30E,h101km,Mw4.0 Best double couple: M1.32x1015 NP1.99,59°,888°,A-160°. NP2: e3=329°,876°,λ=3°.

MOS 22 15:24:16.01.0,41.47N,141.20E,h95km,mb4.3/8, Error ellipse: s-maj=27.4km s-min=15.8km az=74.2.

NEIC 22 15:24:19.1.0,41.53N,141.26E,h97km,mb1.3M3.5 JMA Felt J1.

NEIC 22 15:24:20.4.0,41.49N,141.12E,h117km,8km,mb4.4/9, Error ellipse: s-maj=11.1km s-min=7.9km az=117.0.

NEIC Recorded (1 JMA) in Aomori and Iwate Prefectures, Honshu.

ISC 22 15:24:17.0.3,41.50N,0.03,141.22E,0.05,h107km,2km,n57,c08971,mb4.3/23,Hokkaido region

Main table for station 533, listing station names, azimuths, elevations, and other parameters. Includes stations like JOT, KJB, JSR, etc.

ISC 22 15:32:22.12.0,11.84S,160.10E,h308km,12km,mb3.3/8,mb1 3.5,mb1 3.9,mb1mx3.4/15,MS3.4/3,MS1 3.4/3,ms1mx3.1/11,Error ellipse: s-maj=51.8km s-min=22.4km az=69.0.

NEIC 22 15:32:22.3.7,0.11.86S,160.07E,h312km,65km,mb4.4/1, Error ellipse: s-maj=41.0km s-min=23.8km az=73.0.

ISC 22 15:32:17.2.7,0.11.85S,0.2,160.11E,0.3,h276km,63km,n18,c099516,mb3.6/9,1D,Bougainville - Solomon

Table for station 534, listing station names, azimuths, elevations, and other parameters. Includes stations like CTA, CTAR, WRAB, etc.

ISC 22 15:47:01.4.17.0,31.11N,103.11E,mb3.9/2,mb1 4.1/3,mb1mx3.6/17,ML3.5/1, Error ellipse: s-maj=378.0km s-min=72.4km az=139.0.

BUI 22 15:47:17.9,27.60N,101.13E,h11km,mb3.9,ML3.3,Ms3.4

ISC 22 15:47:10.7.0.2,7.59N,0.04,101.20E,0.06,h11km,n11,c194114,mb4.0/2,Sichuan

Main table for station 534, listing station names, azimuths, elevations, and other parameters. Includes stations like KMI, KMI, KMI, etc.

ISC 22 15:55:09.4.6,29.68N,50.67E,mb4.0/6,mb1 4.2/6,mb1mx3.8/19, Error ellipse: s-maj=99.7km s-min=44.1km

THR 22 15:55:10.6.0.7,29.57N,50.91E,h14km,13km,ML3.7 KISR 22 15:55:13.4.1,0.29,59N,51.09E,h33km,ML3.4

CSEM 22 15:55:14.8.0.1,29.46N,51.06E,h35km,ML3.7, Error ellipse: s-maj=4.9km s-min=1.0km az=25.0.

SNSN 22 15:55:26.3.28.95N,49.96E,h13km,ML3.8

ISC 22 15:55:14.9.0.7,29.70N,0.06,51.02E,0.05,h51km,10km,n23,c10226,mb3.9/6,Southern Iran

Main table for station 535, listing station names, azimuths, elevations, and other parameters. Includes stations like GHIR, GHIR, QRR, etc.

NEIC 22 15:57:43.9.2,9.23.44S,179.74W,h527km,32km,mb4.4/5, Error ellipse: s-maj=23.0km s-min=14.8km az=213.0.

ISC 22 15:57:47.4.1,6.23.50S,179.88W,h564km,17km,mb3.6/11,mb1 3.8/12,mb1mx3.7/18, Error ellipse: s-maj=16.0km s-min=11.5km az=0.0.

ISC 22 15:57:45.1.1,6.23.61S,0.09,179.90W,0.09,h546km,20km,n36,c099835,mb4.2/15,5C-1D, South of Fiji Islands

Main table for station 536, listing station names, azimuths, elevations, and other parameters. Includes stations like URZ, URZ, URZ, etc.

ISC 22 16:06:51.8.2.8,31.39S,177.74W,mb4.2/4,mb1 4.3/5,mb1mx4.0/14,ML3.2/1, Error ellipse: s-maj=59.8km s-min=34.8km az=116.0.

NEIC 22 16:06:52.4.1,9.31.40S,177.63W,h10km,mb4.3/2, Error ellipse: s-maj=37.2km s-min=20.2km az=96.0.

ISC 22 16:06:50.3.5.1,31.55S,0.2,177.1W,0.7,h33km,n11,c09610,mb4.2/5,1C,Kermadec Islands region

Main table for station 537, listing station names, azimuths, elevations, and other parameters. Includes stations like URZ, URZ, URZ, etc.

OTT 22 16:11:01.5.0.2,53.10N,80.42W,h18km,MN2.1/3, James Bay 108km west from Wemindji, QC Eastern Background Seismic Zone, Northern Quebec

Main table for station 538, listing station names, azimuths, elevations, and other parameters. Includes stations like URZ, URZ, URZ, etc.

ISC 22 16:42:16.8.1.0,53.50N,166.27W,h63km,9km,mb3.8/12,mb1 4.0/13,mb1mx3.8/27,MS3.7/2,MS1 3.6/2,ms1mx3.9/32, Error ellipse: s-maj=27.9km s-min=16.1km az=150.0.

NEIC 22 16:42:17.1.0,3.53N,166.15W,mb4.1/2,ML4.3(AEIC), Error ellipse: s-maj=8.5km s-min=3.5km az=153.0.

ISC 22 16:42:16.3.0.7,53.55N,0.1,166.1W,0.1,h72km,6km,h63km,1.1km,pP,n45,c07947,mb3.9/12,Fox Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like Unalaksa Valle, Makushin Switc, LVA, Okmok Cone D, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like AHA, PUH, RIM, UWE, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like Wether Hill Ro, Wanaka, Earnsclough, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like Indian Mountai, COLA, DLBC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like AHA, PUH, RIM, UWE, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like Wether Hill Ro, Wanaka, Earnsclough, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like WEL, MLZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like WEL, MLZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CVP, CMAR, WRA, YKA, etc. Includes stations like DALT, BDRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELL Elmal, KARP Karpathos, MANT Marisa, etc.

IDC 22:20:43:17.6,2.5,4.06S,152.43E,h181km,19km,mb3.7/6,mb1 3.9/8,mb1mx3.8/13,Error ellipse: s-maj=25.6km s-min=15.6km az=95.0

NEIC 22:20:43:20.5,2.6,4.03S,152.27E,h206km,21km,mb4.2/7,Error ellipse: s-maj=21.0km s-min=12.5km az=76.0

ISC 22:20:43:17.3,1.6,4.00S,107.152,3E,0.1,h192km,13km,n36,e084/35,mb4.3/15,3C-1D,New Ireland region

Main table for station data in the left column, including stations like PMG Port Moresby, CTA Charters Tower, KAKA Kakadu, etc.

IDC 22:20:45:49.1,6.4,21.03S,178.73W,h586km,69km,mb3.2/7,mb1 3.5/7,mb1mx3.2/14,Error ellipse: s-maj=110.0km s-min=27.4km az=153.0

NEIC 22:20:45:50.1,5.5,21.01S,178.77W,h599km,66km,mb4.0/3,Error ellipse: s-maj=79.7km s-min=28.4km az=155.0

ISC 22:20:45:49.1,7.1,20.9S,0.6,178.9W,0.3,h600km,n13,e093/11,mb3.7/9,Fiji Islands region

Table for station data in the left column, including stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 22:20:47:23.8,1.0,42.25N,126.88W,mb4.3/15,mb1 4.4/21,mb1mx4.3/29,ML3.7/5,MS4.5/13,Ms1 4.5/13,ms1mx4.2/25,Error ellipse: s-maj=26.6km s-min=10.6km az=34.0

BUI 22:20:47:23.8,42.32N,127.68W,h4km,mb5.4,mb5.0,Ms5.1,Ms24.8

NEIC 22:20:47:27.3,0.3,42.48N,126.77W,h10km,mb5.0/42,MS4.5/5,Error ellipse: s-maj=5.8km s-min=3.4km az=221.0

HRVD 22:20:47:27.3,0.2,42.40N,127.03W,h12km,MW5.1/61, Centroid moment tensor Solution. LP body waves: s31,c53,Manlle waves: s61,c110. Half duration: 0 Moment tensor: Scale: 10^16Nm; Mr=5.48t.15; Mw=0.64t.15; Mw=4.84t.13; Mw=7.45t.15; Mw=1.56t.12; Mw=0.22t.40; Best double couple: Mw=5.48x10^16 NP130e12, d43, lambda=100; NP2: e205e, d48, lambda=81. Principal axes: T 5.37, P1g2e, Azm289; N.2, P1g7e, Azm19; P-5.58, P1g3g, Azm179; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 22:20:47:26.1,1.5,32.47N,104.126,70W,0.04,h104km,(h16km,1.7km,P:0.172,e1502/167,mb4.8/52,MS4.6/20, ID: Off coast of Oregon

Main table for station data in the right column, including stations like KRMB Red Mountain, KHMM Horse Mountain, HUMO Hull Mountain, etc.

Main table for station data in the right column, including stations like MVL Millersville, MIV Mineville/With, SCHO Schefferville, etc.





Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like EYMN, HRV, NCB, ULM, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like CD2, ESDC, ESLS, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like GNI, ZAL, AKASG, etc.

YKA Yellowknife Ar 79.28 24 P P 22 25 46.8 -0.2
YKA Yellowknife Ar 79.88 24 P P 22 25 46.8 -0.2

ISC 22:25:19.1, 27.23N, 0.2, 94.2E, 0.2, h33km, n8, 0576/9, 2C, Myanmar-India border region

Code Station Name Az AZ Phase ID Time Res ISC
IMP Imphal 1.51 352f Op ISC P 22 15 43.6 -0.5
SHL Shillong 3.08 318f ePN Pn 22 16 09.0 +2.4

ATH 22:23:04.7, 40.22N, 25.16E, h10km, MD3.0/3

Code Station Name Az AZ Phase ID Time Res ISC
LOS Limnos 0.33 187 ePg P 22 33 11.2 +0.6
LOS Limnos 0.33 187 ePg P 22 33 11.2 +0.6

ISC 22:33:03.9, 0.6, 40.26N, 0.04, 25.13E, 0.04, h3km, 7km, n19, c674/27, Aegean Sea

Code Station Name Az AZ Phase ID Time Res ISC
RDO Rodhopi 0.94 19 ePg P 22 33 23.0 +0.5
ALN Alexandroupoli 0.94 47 ePg P 22 33 22.8 +0.9

ISC 22:22:52:09.4, 1.7, 1.42N, 126.80E, mb3.5/3, mb1 3.7/3, mb1mx3.6/15, Error ellipse: s-maj=163.0km

Code Station Name Az AZ Phase ID Time Res ISC
WRA Warramunga Arr 22.48 161 P P 22 57 09.1 -2.8
ASAR Alice Springs 25.87 165 P P 22 57 44.4 -0.3

ISC 22:23:00:29.6, 1.9, 3.13S, 129.77E, mb3.9/3, mb1 4.2/4, mb1mx4.0/15, ML4.1/1, Error ellipse: s-maj=83.8km

Code Station Name Az AZ Phase ID Time Res ISC
KAKA Kakadu 9.89 168 eP S 23 02 51.2 -2.7
KAKA Kakadu 9.89 168 eP S 23 02 51.2 -2.7

ISC 22:23:00:34.9, 1.5, 3.10S, 130.20E, h50km, mb3.9/1, Error ellipse: s-maj=86.4km, s-min=12.6km, az=68.1

Code Station Name Az AZ Phase ID Time Res ISC
WRA Warramunga Arr 17.30 167 P P 23 04 31.1 -0.5
WRA Warramunga Arr 17.30 167 P P 23 04 31.1 -0.5

PRE 22:23:13:47.0, 2.0, 26.89S, 26.81E, h2km, ML3.6, South Africa

Code Station Name Az AZ Phase ID Time Res ISC
KSR Koster 1.03 5 eP S 23 13 35.7 -3.2
KSR Koster 1.03 5 eP S 23 13 35.7 -3.2

ISC 22:23:32:47.0, 0.7, 6.71N, 172.90W, h173km, 8km, Error ellipse: s-maj=17.8km, s-min=9.9km, az=118.0

Code Station Name Az AZ Phase ID Time Res ISC
ROSC El Rosal 2.33 216 Op ISC P 23 33 27.9 +0.4
ROSC El Rosal 2.33 216 Op ISC P 23 33 27.9 +0.4

IDC 22:23:50:22.9, 2.1, 56.08S, 27.87W, h133km, 17km, mb4.4/9, mb1 4.5/10, mb1mx4.2/15, MS3.6/3, Ms1 3.6/3, ms1mx2.8/15, Error ellipse: s-maj=19.1km, s-min=13.4km, az=52.0

NEIC 22:23:50:24.9, 2.6, 56.00S, 28.00W, h154km, 23km, mb4.6/7, Error ellipse: s-maj=16.5km, s-min=9.4km, az=21.7

ISC 22:23:50:23.4, 3.5, 56.05S, 0.1, 27.8W, 0.2, h153km, 34km, n60, c1905/30, mb4.5/14, 10C-2D, South Sandwich Islands

Code Station Name Az AZ Phase ID Time Res ISC
VNA1 Neumayer-Stat 16.95 157f Op ISC P 23 54 13.5 +1.3
VNA3 Neumayer Olymp 17.13 160f Op ISC P 23 54 16.4 +2.0

Code Station Name Az AZ Phase ID Time Res ISC
SNA1 Snae 18.91 156f Op ISC P 23 54 31.2 -2.9
SNA2 Snae 18.91 156f Op ISC P 23 54 33.6 -0.5

Code Station Name Az AZ Phase ID Time Res ISC
SNA3 Snae 18.91 156f Op ISC P 23 54 38.9 +4.8
SNA4 Snae 18.91 156f Op ISC P 23 54 31.3 -2.8

Code Station Name Az AZ Phase ID Time Res ISC
SNA5 Snae 18.91 156f Op ISC P 23 54 31.2 -2.9
SNA6 Snae 18.91 156f Op ISC P 23 54 33.6 -0.5

Code Station Name Az AZ Phase ID Time Res ISC
SNA7 Snae 18.91 156f Op ISC P 23 54 38.9 +4.8
SNA8 Snae 18.91 156f Op ISC P 23 54 31.3 -2.8

Code Station Name Az AZ Phase ID Time Res ISC
SNA9 Snae 18.91 156f Op ISC P 23 54 31.2 -2.9
SNA10 Snae 18.91 156f Op ISC P 23 54 33.6 -0.5

Code Station Name Az AZ Phase ID Time Res ISC
SNA11 Snae 18.91 156f Op ISC P 23 54 38.9 +4.8
SNA12 Snae 18.91 156f Op ISC P 23 54 31.3 -2.8

Code Station Name Az AZ Phase ID Time Res ISC
SNA13 Snae 18.91 156f Op ISC P 23 54 31.2 -2.9
SNA14 Snae 18.91 156f Op ISC P 23 54 33.6 -0.5

Code Station Name Az AZ Phase ID Time Res ISC
SNA15 Snae 18.91 156f Op ISC P 23 54 38.9 +4.8
SNA16 Snae 18.91 156f Op ISC P 23 54 31.3 -2.8

Code Station Name Az AZ Phase ID Time Res ISC
SNA17 Snae 18.91 156f Op ISC P 23 54 31.2 -2.9
SNA18 Snae 18.91 156f Op ISC P 23 54 33.6 -0.5

CTA Warrams Tower 20.72 254 eP P 23 58 14.5 +1.6
CTA Warrams Tower 20.72 254 eP P 23 58 14.5 +1.6

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4

CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4
CTA Charters Tower 20.72 254 eP P 23 58 14.3 +1.4



23d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

NEIC 23 00:18:45.5, 33.64N-25.88E, h10km, MD3.7(A7H), After ATH.

CSEM 23 00:18:45.5, 33.64N-25.88E, h10km, MD3.7/5, After ATH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XRY Khrixi, NPS Neapolis, etc.

KRSC 23 00:40:51.4, 0.4, 52.05N x 158.76E, h46km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUS Ruskayya, GRL Gorelyy, etc.

GNL Ganaly, Severo-Kuril's, ALID Alaid, KMNr Kamenistaya, ZLN Zelenaya, KBTR Krutoberegovo

ROM 23 00:49:14.4, 0.4, 43.15N-15.37E, h10km, MD3.1/4, ML2.7/7, Error ellipse: s-maj=4.6km s-min=2.6km az=90.0

NEIC 23 00:49:14.4, 43.15N-15.37E, h10km, MD3.1(ROM), ML3.4(VIE), ML3.3(LDG), After ROM.

CSEM 23 00:49:15.9, 0.1, 43.26N-15.29E, h35km, ML3.2/5, Error ellipse: s-maj=3.2km s-min=2.2km az=100.0

LDG 23 00:49:19.1, 0.6, 43.15N-15.01E, h10km, Ml3.9/7, Error ellipse: s-maj=15.1km s-min=8.1km az=63.0

ISC 23 00:49:12.5, 0.4, 43.18N-0.02, 15.39E, h10km, n69, az=107/100, 7C-2D, Adriatic Sea

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

2004 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVLJ Rignano Grg, INTR Introductura, CING Cingoli, etc.

540

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, PCRV Puerto La Cruz, USHA Ushuaia, etc.

IDC 23 00:58:37.6, 6.7, 2.51N: 125.65E, mb4.1/4, mb1 4.2/4, mb1mx3.8/17, Error ellipse: s-maj=114.0km s-min=71.6km az=82.0

ISC 23 00:58:13.1, 0.5, 5.76N, 0.05, 125.63E, 0.07, h33km, n16, az=18/18, mb4.3/7, Mindaon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATI Mati, MATI1, CTBH Cotabato-PC H, etc.

LDG 23 00:58:16.6, 0.1, 48.29N-7.74E, h15km, Md2.1/1, Ml2.2/4, Error ellipse: s-maj=2.5km s-min=1.7km az=104.0

STR 23 00:58:16.9, 0.3, 48.23N-7.65E, h10km, Ml1.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BGR 23 00:58:16.8, 0.3, 48.22N-7.73E, h10km, Ml0.9/1, Error ellipse: s-maj=3.3km s-min=2.3km az=173.0, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIBD Limburg, WLS Welschbruch, etc.

PRU 23 00:59:29.1, 50.37N, 18.97E  
 WAR 23 00:59:29.2, 50.23N, 19.03E, h1km, Location given by  
 Central Institute of Mining, origin time based upon  
 OJC, Poland

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
OJC	Ojcow	0.49	91	ePg	00 59 39.1	+0.1
OJC	Ojcow	0.49	91	ePg	00 59 46.9	+1.3
OKC	Ostrava-Krasne	0.70	236	ePg	00 59 43.1	0.0
OKC	Ostrava-Krasne	0.70	236	ePg	00 59 53.6	+1.2
NIE	Niedzica	1.16	134	ePg	00 59 52.1	-0.3
NIE	Niedzica	1.16	134	ePg	01 00 08.9	+0.9
DPC	Dobruska-Polom	1.74	275	ePg	01 00 23.4	-3.9
DPC	Dobruska-Polom	1.74	275	ePg	01 00 23.4	-3.9
UPC	Upice	1.95	279	ePg	01 00 05.0	-3.2

PRU 23 01:01:48.8, 50.37N, 19.01E  
 WAR 23 01:01:48.8, 50.23N, 19.03E, h1km, Location given by  
 Central Institute of Mining, origin time based upon  
 OJC, Poland

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
OJC	Ojcow	0.49	91	ePg	01 01 58.7	+0.1
OJC	Ojcow	0.49	91	ePg	01 02 05.8	+0.6
OKC	Ostrava-Krasne	0.70	236	ePg	01 02 13.6	+1.5
DPC	Dobruska-Polom	1.74	275	ePg	01 02 19.8	-4.9
DPC	Dobruska-Polom	1.74	275	ePg	01 02 19.8	-4.9
UPC	Upice	1.95	279	ePg	01 02 50.9	-3.0

IDC 23 01:35:24.4, 2.1, 1.66S, 135.86E, mb3.7/2, mb1 4.0/3,  
 m1mx3.7/12, ML3.4/1, Error ellipse: s-maj=109.0km  
 s-min=29.9km az=67.0, Irian Jaya region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	18.23	185	P	01 39 38.4	-2.4
ASAR	Alice Springs	21.96	185	P	01 40 20.1	-1.6
CMAR	Chiang Mai Arr	41.45	301	P	01 43 13.3	-1.4

IGQ 23 02:18:24.1, 3.80S, 76.97W, h12km, 6km, mb4.2, 1D, Error  
 ellipse: s-maj=10.9km s-min=6.1km az=145.2, Northern  
 Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PATA	Patacocha	2.71	327	P	02 19 11.0	+2.7
PATA	Patacocha	2.71	327	P	02 19 44.0	+2.7
ARRY	Arrayan	2.72	327	P	02 19 10.1	+1.7
ULBA	Ulba	2.74	328	P	02 19 10.4	+1.7
RETIU	Refugio	2.76	328	P	02 19 10.9	+1.9
RUN2	Runtun	2.77	329	P	02 19 10.6	+1.5
RUN2	Runtun	2.77	329	P	02 19 43.4	+0.6
CUSU	Cusua	2.79	327	P	02 19 11.3	+1.9
JUIV	Juive	2.79	328	P	02 19 11.4	+1.9
JUIV	Juive	2.79	328	P	02 19 44.5	+1.1
PISA	Pisayambo	3.07	333	P	02 19 15.1	+1.7
PISA	Pisayambo	3.07	333	P	02 19 53.0	+2.7
TAMB	Tambo	3.39	336	P	02 19 19.6	+1.6
VC1	Cotopaxi 1	4.35	336	P	02 19 21.4	+2.6
ANTI	Antisana	3.54	340	P	02 19 21.7	+1.6
CAYR	Refugio Cayamb	3.93	345	P	02 19 27.5	+1.9
CAYA	Cayambe	3.98	345	P	02 19 28.6	+2.3

IDC 23 02:19:05.8, 6.6, 24S, 151.67E, h49km, 61km, mb3.7/4,  
 mb1 4.1/5, m1mx3.8/13, ML3.6/2, Ms1 3.6/2, m1mx3.4/1, Error ellipse:  
 s-maj=78.0km s-min=32.7km az=117.0

IDC 23 02:19:05.4, 7.6, 15.0S, 151.5E, 0.3, h60km, 39km, n7,  
 c679/8, mb3.9/4, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PMG	Port Moresby	5.39	323	P	02 20 24.7	-0.4
PMG	Port Moresby	5.39	323	P	02 21 27.5	+0.9
KAKA	Kakadu	19.93	249	eP	02 23 34.4	-0.6
WB2	Warramunga Arr	21.59	229	eP	02 23 51.8	-0.2
WRA	Warramunga Arr	21.60	229	P	02 23 51.4	-0.7
ASAR	Alice Springs	24.22	229	P	02 24 18.8	+0.2
STKA	Stevens Creek	27.25	199	P	02 24 46.1	0.0
ILAR	Eielson Array	83.86	225	P	02 31 30.3	+0.8

IDC 23 02:19:09.3, 2.9, 28.54S, 176.98W, mb3.9/5, mb1 4.1/5,  
 m2m1x3.9/13, MS3.6/2, Ms1 3.6/2, m1mx3.1/19, Error  
 ellipse: s-maj=152.0km s-min=30.7km az=160.0,  
 Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CTA	Charters Tower	34.44	276	P	02 26 00.0	-0.8
CTA	Charters Tower	34.44	276	P	02 27 35.2	
STKA	Stevens Creek	35.81	254	P	02 26 10.4	-2.0
STKA	Stevens Creek	35.81	254	P	02 29 12.7	
ASAR	Alice Springs	44.14	265	P	02 27 19.6	-1.9
WRA	Warramunga Arr	44.96	270	P	02 27 25.7	-2.5
NVAR	Mina Array Bea	86.25	42	P	02 31 53.8	-0.4
AKASG	Main Array Be	150.32	325	PKPbc	02 39 00.9	+2.2

NEIC 23 03:07:49.6, 31.20S, 69.54W, h155km, MD3.5(GUC), After  
 GUC

GUC 23 03:07:49.6, 31.0, 31.20S, 69.54W, h155km, 11km, MD3.5,  
 ML3.7, 14C-3D, San Juan Province

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CMCH	Combarbala	1.26	271	eP	03 08 18.2	+0.8
CMCH	Combarbala	1.26	271	eP	03 08 39.1	+0.3
ILCH	Illapel	1.46	252	iP	03 08 20.0	+0.6
ILCH	Illapel	1.46	252	iP	03 08 42.2	-0.3
TLL	Tololo Astrono	1.50	313	P	03 08 20.7	+0.8
TLL	Tololo Astrono	1.50	313	P	03 08 43.3	+0.1
PTCH	Petorca	1.59	228	iP	03 08 21.2	+0.4
PTCH	Petorca	1.59	228	iP	03 08 44.7	-0.2
JACH	Jahuel	1.73	211	iP	03 08 23.0	+0.7
JACH	Jahuel	1.73	211	iP	03 08 47.9	+0.3
MDZ	Mendoza	1.76	161	eP	03 08 24.1	-1.5
MDZ	Mendoza	1.76	161	eP	03 08 44.1	-4.4
LSCH	La Serena	1.98	311	iP	03 08 44.8	+2.0
LSCH	La Serena	1.98	311	iP	03 09 10.7	+1.9
PACH	Papudo	2.10	230	iP	03 08 26.7	+0.2
PACH	Papudo	2.10	230	iP	03 08 54.7	-0.2
ROCH	El Roble	2.17	215	iP	03 08 27.3	+0.3
ROCH	El Roble	2.17	215	iP	03 08 56.0	-0.4
PEL	Peidhue	2.17	206	iP	03 08 27.6	+0.2
PEL	Peidhue	2.17	206	iP	03 08 48.3	-0.3
FCH	Farellones	2.22	197	iP	03 08 28.6	+0.6
FCH	Farellones	2.22	197	iP	03 08 58.4	+0.9
CLCH	Cerro Calan	2.35	201	iP	03 08 29.8	+0.1
CLCH	Cerro Calan	2.35	201	iP	03 09 00.2	-0.1

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CLCH	Combarbala	1.26	271	eP	03 09 02.0	
RCMD	Rinconada Maip	2.52	205	iP	03 08 31.8	-0.1
RCMD	Rinconada Maip	2.52	205	iP	03 09 04.0	-0.2
RCMD	Rinconada Maip	2.52	205	iP	03 09 04.5	
PCH	Pirque	2.55	199	iP	03 08 32.5	+0.4
PCH	Pirque	2.55	199	iP	03 09 05.1	+0.3
LMEL	Las Melosas	2.70	192	iP	03 08 34.9	+0.3
LMEL	Las Melosas	2.70	192	iP	03 09 08.7	+0.6
TACH	Talagante	2.72	205	iP	03 08 33.9	-0.4
TACH	Talagante	2.72	205	iP	03 09 07.9	-0.6
CHCH	Las Cruces	2.85	217	iP	03 08 35.8	-0.1
CHCH	Las Cruces	2.85	217	iP	03 09 08.1	-0.2
CHCH	Chadas Angostu	2.88	199	iP	03 09 12.0	-0.2
LNV	Longovilo	3.17	209	iP	03 08 38.5	-1.5

IDC 23 03:22:59.6, 1.3, 36.43N, 70.99E, mb3.9/7, mb1 4.1/9,  
 m1mx3.9/21, ML3.9/2, Error ellipse: s-maj=40.0km  
 s-min=2.9km az=59.0

IDC 23 03:23:15.0, 1.6, 36.9N, 0.1, 71.9E, 0.2, h122km, 18km, n18,  
 c102/23, mb3.7/7, 1C, Afghanistan-Tajikistan border  
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
THN	Thein Dam	5.49	144	eP	03 24 35.6	-0.1
THN	Thein Dam	5.49	144	eP	03 23 37.5	+0.5
DLH	Dalhousie	5.53	141	eP	03 24 37.0	+0.8
DLH	Dalhousie	5.53	141	eP	03 25 40.0	+1.0
SDNR	Sundarnagar	6.87	141	eP	03 24 54.8	+0.3
SDNR	Sundarnagar	6.87	141	eP	03 26 10.4	-1.2
SMLA	Simla	7.27	141	iP	03 25 15.9	+1.6
SMLA	Simla	7.27	141	iP	03 26 33.4	+1.2
KOLD	Koldanda	13.47	129	eP	03 26 21.4	-0.7
GKN	Gorkha	13.97	126	eP	03 26 28.3	-0.2
DMN	Daman	14.54	126	eP	03 26 35.4	-0.4
PKI	Pulchoki	14.76	125	eP	03 26 39.0	+0.3
GUN	Gumbha	14.85	123	eP	03 26 39.4	-0.4
BVAR	Borovoye Array	16.13	357	eS	03 29 20.1	-1.1
BVAR	Borovoye Array	16.13	357	eS	03 26 50.6	-5.1
ZAL	Zalozovo	19.23	24	P	03 27 32.1	+0.4
SONM	Sonogino Array	27.52	56	P	03 28 56.0	+4.1
ARCES	ARCES Array B	41.02	337	P	03 30 45.7	-1.5
NOA	NORSAR Array B	44.46	323	P	03 31 11.9	-3.2
INUK	Inuvik	73.37	10	P	03 34 36.2	+1.7
YKA	Yellowknife Ar	80.79	3	P	03 35 16.8	+1.1
WRA	Warramunga Arr	81.83	123	P	03 35 21.6	+0.5
ASAR	Alice Springs	83.93	125	P	03 35 33.4	+0.6

IDC 23 03:54:00.1, 1.7, 2.72S, 141.39E, mb3.6/2, mb1 3.9/3,  
 m1mx3.7/12, ML3.7/1, Error ellipse: s-maj=204.0km  
 s-min=28.6km az=111.0

IDC 23 03:54:03.8, 1.6, 2.95S, 0.3, 141.7E, 0.5, h33km, n5, c662/5,  
 mb3.6/2, Near North coast of New Guinea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KAKA	Kakadu	13.38	223	eP	03 57 13.8	-0.1
WB2	Warramunga Arr	18.39	202	eP	03 58 18.8	+0.6
WRA	Warramunga Arr	18.40	202	P	03 58 18.4	+0.1
ASAR	Alice Springs	21.98	199	P	03 58 55.9	-0.8
ILAR	Eielson Array	48.78	24	P	04 06 35.9	+0.1

IDC 23 04:27:37.2, 7.5, 15.05S, 124.41E, mb3.6/1, mb1 4.2/3,  
 m1mx3.8/10, ML3.9/2, Error ellipse: s-maj=97.8km  
 s-min=72.9km az=12.0, Western Australia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	10.64	119	P	04 30 10.8	-3.3
WRA	Warramunga Arr	10.64	119	P	04 32 11.3	-4.0
ASAR	Alice Springs	12.39	135	P	04 30 36.0	-1.9
ASAR	Alice Springs	12.39	135	P	04 32 56.8	-1.1
STKA	Stevens Creek	22.95	140	P	04 32 42.9	-1.4

CASC 23 04:45:58.3, 2.8, 13.38N, 90.36W, h25km, gkm, MD3.7, 4C,  
 Near coast of Guatemala

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
------	--------------	----	-----	----------	----------	-----



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

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

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



ellipse: s-maj=33.1km s-min=12.5km az=107.0  
 JMA 23 05:53:15.8±0.2, 39.64N, 143.31E, h22km, 4km, M4.2  
 BUJ 23 05:53:20.6±0.3, 39.60N, 142.90E, h57km, mb4.9, mb4.2, Ms4.3, Ms3.7

NEIC 23 05:53:22.3±1.9, 39.60N, 142.93E, h58km, 17km, mb4.3/1.2, Error ellipse: s-maj=18.0km s-min=13.1km az=98.0  
 ISC 23 05:53:16.2±0.9, 39.61N, 0.05:143.39E, 0.07, h33km, 6km, n62, c096/72, mb4.3/26, MS3.9/3, 2C-1D, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MIYJ	Miyakonagasaki	1.21	269	Op	P	05 53 36.6	-0.2
JTH	Tanohata	1.22	286	P	S	05 53 36.8	-0.1
JTH				eS	P	05 53 52.7	+0.2
OFUJ	Otunato	1.43	249	P	P	05 54 03.0	+0.2
JOM	Onasama	1.62	266	eS	P	05 54 03.2	+0.4
JOM				eS	P	05 54 43.3	+0.6
JANG	Nango	1.63	299	P	S	05 54 43.3	-0.6
JANG				eS	P	05 54 01.0	-1.8
JMK	Ichinosueki	1.81	249	P	P	05 53 45.9	+0.5
JIO	Ouri	1.96	235	P	S	05 53 47.8	+0.2
JIO				eS	P	05 54 09.5	-1.8
JTM	Tenmabayashi	2.13	304	P	S	05 53 50.3	+0.3
JTM				eS	P	05 54 15.9	+0.3
JAH	Hinai	2.19	286	P	P	05 53 51.7	+0.7
JEM	Erinome	2.41	356	P	P	05 53 55.2	+1.2
JYK	Asahikawa	4.54	353	Pn	P	05 53 57.1	+1.1
ASAJ	1.9nm, 0.3s, baz=180, slow=12, SNR=3.4			Sn	S	05 55 05.0	-1.2
ASAJ	3.0nm, 0.3s, baz=329, slow=6.2, SNR=4.8			LR	LR	05 56 58.0	
MAJO	Matsushiro	5.11	235	ePn	P	05 54 32.4	0.0
MAT	Matsushiro	5.11	235	P	S	05 54 33.2	+0.8
MAT				S	S	05 55 37.2	+6.2
MAT	Matsushiro	5.11	235	eS	P	05 54 33.0	+1.8
HIA	Hailar	19.38	308	eP	S	05 58 39.0	+1.8
SSE	Sheshan	19.96	252	P	P	05 57 38.1	-3.6
SSE				AMB	AMB	05 57 44.9	-3.4
SSE	comp=Z, 21nm, 0.8s			AMB	AMB		
SSE	comp=Z, 196nm, 4.5s			LR	LR		
SSE	comp=Z, 4.7nm, 13.5s			LR	LR		
SSE	Sheshan	19.96	252	P	P	05 57 44.9	-3.4
SSE				S	S	05 57 56.8	
SSE				S	S	06 01 27.0	+1.0
SSE				eS	S	06 01 39.5	+0.1
MA2	Magadan	20.52	11	eP	P	05 57 55.0	+1.1
BJT	Baijituau	20.89	280	eP	P	05 58 01.2	+3.3
NJ2	Nanjing	21.23	257	eP	P	05 58 01.3	-0.1
NJ2				AP	PP	05 58 10.6	
NJ2				PP	PP	05 58 24.0	-1.2
NJ2				PPP	PPP	05 58 32.5	-1.9
NJ2	comp=Z, 30nm, 0.7s, mb4.7			AMB	AMB		
NJ2	comp=Z, 420nm, 6.0s			AMB	AMB		
NJ2	comp=N, 490nm, 16.2s, MS4.2			LR	LR		
NJ2	comp=E, 540nm, 15.0s, MS4.2			LR	LR		
NJ2	comp=Z, 14nm, 1.4s, MS4.5			LR	LR		
YAK	Yakutsk	29.96	344J	eP	P	05 58 27.8	-0.1
YAK	comp=Z, 11nm, 0.6s, mb4.5			MLR	MLR		
YAK	comp=Z, 100nm, 14.0s, MS3.4			MLR	MLR		
HHC	Hu-ho-hao-te	24.26	283	eP	P	05 58 25.5	-5.6
HHC				PCP	P	06 02 15.0	+2.9
HHC				S	S	06 02 32.1	-1.3
HHC				PCP	P	06 05 52.8	
HHC	comp=Z, 6.0nm, 0.5s, mb4.3			AMB	AMB		
HHC	comp=Z, 228nm, 4.9s			AMB	AMB		
HHC	comp=N, 224nm, 12.4s, MS4.2			LR	LR		
HHC	comp=E, 484nm, 12.5s, MS4.2			LR	LR		
HHC	comp=Z, 223nm, 16.9s, MS3.7			LR	LR		
WHN	Wuhan	25.34	258	eP	P	05 58 41.4	-0.2
BOD	Boadibo	26.28	324	eP	P	05 58 49.6	-0.4
ULN	Ulaanbaatar	27.31	300	eP	P	05 58 59.7	+0.1
ULN	Ulaanbaatar	27.31	300	eP	P	05 58 59.7	0.0
SONM	Songjio Array	27.75	299	P	P	05 59 04.1	+0.4
ENH	Enshi	29.17	262	eP	P	05 59 15.2	-1.2
LZH	Lanzhou	31.25	276	eP	P	05 59 25.5	-9.4
LZH	comp=Z, 15nm, 0.9s, mb4.7			pP	pP	05 59 34.0	-1.1
LZH				SP	SP	05 59 38.5	-1.0
ZAL	Zalesovo	41.40	310	P	P	06 01 00.8	+0.2
ZAL	comp=Z, 2.2nm, 0.4s, mb4.2, baz=17, slow=7.7, SNR=7.9			P	P	06 01 00.8	+0.2
ZAL	Zalesovo	41.40	310	P	P	06 01 00.8	+0.2
ZAL	comp=Z, 2.0nm, 0.4s			pmax	pmax		
ILAR	Eielson Array	46.49	34	P	P	06 01 40.0	-1.5
ILAR	comp=Z, 0.5nm, 0.9s, mb3.4, baz=278, slow=6.4, SNR=2.4			P	P	06 01 40.0	-1.5
ILAR	Eielson Array	46.49	34	P	P	06 01 40.1	-1.4
ILAR	comp=Z, 1.0nm, 0.9s			pmax	pmax		
GUN	Gumba	48.48	274	eP	P	06 01 58.3	+0.7
GUN	comp=Z, 1.7nm, 0.5s, mb4.2, baz=11, slow=7.7, SNR=6.4			P	P	06 02 02.2	+0.6
KKN	Kakani	49.00	275	eP	P	06 02 03.1	-0.2
KKN	comp=Z, 2.3nm, 0.6s, mb5.4			P	P	06 02 04.9	+0.3
DMN	Daman	49.22	275	eP	P	06 02 03.1	-0.2
DMN	Gorkha	49.39	275	eP	P	06 02 04.9	+0.3
BVN	Borovyoye Array	50.02	311	P	P	06 02 09.2	+0.1
BRVK	Borovyoye	50.07	311	eP	P	06 02 09.7	+0.2
BRVK	comp=Z, 5.0nm, 0.9s, mb4.7			P	P	06 02 10.5	-1.1
KOLN	Koldanda	50.30	276	eP	P	06 02 10.5	-1.1
AAK	Ala-Archa	50.67	297J	eP	P	06 02 13.2	-1.0
AAK	comp=Z, 4.0nm, 1.7s, mb4.1			pmax	pmax		
AAK	Ala-Archa	50.67	297	eP	P	06 02 13.0	-1.2
AAK	comp=Z, 1.6nm, 0.6s, mb4.1			P	P	06 02 28.9	+1.0
INK	Inuvik	51.39	28	P	P	06 02 45.3	-4.3
INK	comp=Z, 1.2nm, 0.7s, mb4.9			P	P	06 03 20.1	-0.8
ARU	Arti	55.48	318	eP	P	06 03 20.1	-0.8
WRA	Warramunga Arr	59.84	190	P	P	06 03 19.1	-1.8
WRA	comp=Z, 0.5nm, 0.5s, mb3.8, baz=7.2, slow=6.8, SNR=6.4			P	P	06 03 19.1	-1.8
WRA	Warramunga Arr	59.84	190	P	P	06 03 19.1	-1.8
WRA	comp=Z, 1.0nm, 0.5s			pmax	pmax		
WRA	Warramunga Arr	59.84	190	P	P	06 03 20.1	-0.8
WRA	comp=Z, 1.0nm, 0.5s			pmax	pmax		
ASAR	Alice Springs	63.57	190	P	P	06 03 46.0	+0.1
ASAR	comp=Z, 0.3nm, 0.5s, mb3.5, baz=1.2, slow=4.1, SNR=3.5			P	P	06 04 13.9	+5.1
NEW	Newport	67.21	46	P	P	06 04 08.1	-0.7
FINES	FINESS Array B	67.23	332	P	P	06 04 08.1	-0.7
FINES	comp=Z, 3.3nm, 0.9s, mb4.7, slow=10, SNR=3.6			P	P	06 04 08.1	-0.7
FINES	FINESS Array B	67.23	332	P	P	06 04 08.1	-0.7
FINES	comp=Z, 3.0nm, 0.9s			pmax	pmax		
KIV	Kislovodsk	70.39	311	P	P	06 04 31.0	+2.5
SOC	Sochi	72.33	312	eP	P	06 04 37.8	-2.3
SOC				e	S	06 04 57.8	
SOC				eS	S	06 04 10.2	+1.3
SOC	comp=Z, 13nm, 0.8s, mb4.9			pmax	pmax		
SOC	comp=N, 7.0nm, 0.7s			pmax	pmax		
SOC	comp=E, 37nm, 1.0s			pmax	pmax		
HFS	Hagfors	72.37	336	P	P	06 04 41.1	+1.1
HFS	comp=E, 2.1nm, 0.5s, mb4.4, baz=45, slow=8.4, SNR=8.9			P	P	06 04 41.1	+1.0
HFS	Hagfors	72.37	336	P	P	06 04 41.1	+1.0
HFS	comp=Z, 1.0nm, 0.5s			pmax	pmax		

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
NB2	NORSAR Subarray	72.40	338	P	P	06 04 41.1	+0.9
NB2	comp=Z, 1.2nm, 0.6s, mb4.0, baz=36, slow=6.2			P	P	06 04 40.9	+0.7
NOA	NORSAR Array B	72.40	338	P	P	06 04 40.9	+0.7
NOA	comp=Z, 1.7nm, 0.7s, mb4.1, baz=33, slow=6.1, SNR=4.9			P	P	06 04 40.9	+0.7
NOA	NORSAR Array B	72.40	338	P	P	06 04 40.9	+0.7
NOA	comp=Z, 2.0nm, 0.7s			pmax	pmax		
AKASG	Main Array B	73.20	323	P	P	06 04 45.2	+0.1
AKASG	comp=Z, 1.0nm, 0.5s, mb4.0, baz=45, slow=6.3, SNR=5.9			P	P	06 04 45.2	+0.1
AKASG	Main Array B	73.20	323	P	P	06 04 45.2	+0.1
AKASG	comp=Z, 1.0nm, 0.5s			pmax	pmax		
GERES	GERES Array B	81.32	329	P	P	06 05 31.6	+1.2
GERES	comp=Z, 2.4nm, 0.5s, mb3.6, baz=23, slow=7.5, SNR=3.8			P	P	06 05 31.6	+1.2

NEIC 23 05:56:29.2±0.9, 15.34N, 93.62W, h66km, 7km, mb3.9/1.2, MD4.4(MEX), Error ellipse: s-maj=12.1km s-min=8.2km az=199.0  
 IDC 23 05:56:31.0±1.7, 15.76N, 93.15W, h73km, 7km, mb3.7/8, mb1.4, 0.09, mb1mx3.6/2.1, MS3.4/2, Ms1.3, 4/2, ms1mx2.4/2.1, Error ellipse: s-maj=67.6km s-min=22.2km az=48.0  
 MEX 23 05:56:31.7±1.2, 15.40N, 93.70W, h35km, MD4.5  
 CASG 23 05:56:31.1±1.8, 15.09N, 93.95W, h34km, 999km, MD4.6, ML4.4, mb3.9(NEIC)  
 ISC 23 05:56:30.3±0.3, 15.58N, 0.05:93.78W, 0.03, h70km, 5km, h73km, 8km, pP, n64, c120/78, mb3.9/13, 1C-1D, Near coast of Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SCX	San Cristobal	1.59	44	Op	P	05 57 15.7	-1.1
SCX				iS	S	05 56 58.5	-0.4
CCIG	Comitan	1.73	66	eP	S	05 57 17.5	-2.5
CCIG				iS	P	05 57 01.3	+0.9
CMIG	Matias Romero	1.84	325	eP	S	05 57 22.1	-0.4
HUIG	Huatulco	2.25	275	eP	S	05 57 16.0	-1.0
HUIG				eS	P	05 57 05.0	-1.1
HUIG	Huatulco	2.25	275	eP	S	05 57 30.1	-2.5
JAT	Jato	2.42	121J	eP	P	05 57 07.2	-1.3
JAT				eS	P	05 57 34.7	-2.7
QXX	Oxaca	3.19	298	P	S	05 57 21.8	+2.4
QXX				iS	S	05 57 56.2	-0.2
VHO	Vista Hermosa	3.20	298	P	S	05 57 19.9	





Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NWA0, MUN, SBA, VNSA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LDF, WATA, GRR, etc.

NEIC 23 11:07:30.6, 30.80S:71.41W, h42km, MD4.0(GUC), After GUC

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OVCH, CMCH, TLL, etc.

IDC 23 11:08:52.2, 3.18, 26S:178.30W, h654km, 53km, mb3.4/7, mb1.3/5.7, mb1mx3.2/16, Error ellipse: s-maj=66.4km

NEIC 23 11:08:52.8, 2.0, 18.37S:178.31W, h671km, 31km, mb4.0/4, Error ellipse: s-maj=30.1km s-min=15.2km az=174.0

ISC 23 11:08:51.4, 2.7, 18.4S:20.178.3W, 0.1, h674km, 41km, n19, e1902/17, mb4.1/12, 2C, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PPT, CTA, CTAO, etc.

NAO 23 11:16:05.5, 4.1, 65.06N:11.30E, h8km, 22km, ML2.5

CSEM 23 11:16:05.0, 5.65, 07N:11.18E, h0km, 3km, ML2.2, Error ellipse: s-maj=10.6km s-min=3.4km az=108.0

NEIC 23 11:16:07.7, 65.13N:11.31E, ML2.5(BER), After BER. BER 23 11:16:07.3, 4.1, 65.12N:11.23E, h1km, 15km, MD2.5

HEL 23 12:1, 16N:10.5E, 65.12N:11.24E, h8km, 3km, ML2.2, MD2.5(BER), ML2.1(BER), Northern Norway

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NSS, NSS, NSS, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LOF, HFS, HFS, etc.

ARAO ARCESS Array S 7.06 45 Pn Pn 11 17 48.7 -4.7

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARAO, ARAO, ARAO, etc.

CASC 23 11:30:11.0, 1.5, 12.18N:87.48W, h72km, 26km, MD3.6, 7C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LEON, LEON, LEON, etc.

NEIC 23 11:44:38.9, 7.17, 44N:101.58W, h8km, MD4.1(MEX), After MEX

MEX 23 11:44:38.7, 1.9, 17.44N:101.59W, h8km, 10km, MD4.1, 1D, Near coast of Guerrero

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZIIG, ZIIG, ZIIG, etc.

NIED 23 12:03:00, 37.40N, 139.00E, h8km, MW4.2 Best double couple: M2.61x10^15 NP1:phi=185, delta=1.51. NP2:phi=63, delta=1.137

NEIC 23 12:03:43.6, 1.2, 37.39N:138.85E, h16km, 8km, mb4.6/23, MW4.2(NIED), Error ellipse: s-maj=6.6km s-min=5.8km az=108.0

NEIC Recorded [4 JMA] in Niigata; [2 JMA] in Fukushima, Gumma and Yamagata; [1 JMA] in Nagano Prefecture. Also recorded [2 JMA] on Sadoga-shima.

JMA 23 12:03:43, 37.39N:138.95E, h11km, 2km, M4.5 Broadband fault plane solution: P waves: NP1:phi=70, delta=2, 1.136; NP2:phi=190, delta=7.7; Principal axes: T P1:phi=55, Azm43; N P1:phi=35; Azm217; P P1:phi=3; Azm309; JMA Felt IV J1.

MOS 23 12:03:44.1±1.0, 37.38N-138.85E, h33km, mb4.4/13 Error ellipse: s-maj=29.4km s-min=12.3km az=86.3

IDC 23 12:03:46.9±3.5, 37.42N-138.73E, h38km, mb4.0/21, mb1.4, 1/24, mb1mx4.1/31, ML4.1/2, MS3.6/3, Ms1 3.7/3, ms1mx3.1/29, Error ellipse: s-maj=17.1km s-min=13.3km az=87.0

ISC 23 12:03:42.7±0.4, 37.41N±0.03, 138.91E±0.04, h20km, s3km, n91, 0.959/94, mb4.4/42, MS3.6/3, 1C-5D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like JHK Hiroka, JIZ Izumozaki, JNS Sasagawa, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like VRAC Colim, VRAC SRU, VRAC GERES, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like ASAR Alice Springs, IDC 23 13:16:45.1±7.1, etc.



az=51.0  
 NEIC 23:14:59:04.0.1.49.31s:161.35E,h10km,mb6.5/3,  
 M8.5,M5.7,7.50,MW8.0,Error ellipse: s-maj=7.3km  
 s-min=2.8km az=148.0 Broadband fault plane solution: P  
 waves: NP1:0.70°,δ80°,λ170°. NP2:0.162°,δ80°,λ10°.  
 Principal axes: T P1g14°, Azm26°; N P1g0°, Azm0°; P P1g0°,  
 Azm296°; Moment Tensor Solution. s14 Moment tensor:  
 Scale 1001 Nm; Mr:0.00; Mw:0.00; Ms:0.00; M0:0.00;  
 M0:0.00; Best double couple: L1:174°, N1:101° NP1:  
 0.261°,δ75°,λ-174°. NP2:0.170°,δ84°,λ-15°. Principal  
 axes: T 1.02, P1g6°, Azm216°; N 0.4, P1g74°, Azm327°; P  
 -1.06, P1g15°, Azm129°; Energy computed from BB  
 mechanism.

NEIC Felt throughout Tasmania, Australia and in much of the  
 South Island, New Zealand. A small tsunami generated  
 with recorded wave heights of 30 cm at Jackson Bay, New  
 Zealand; 15 cm at Spring Bay, Tasmania; 10 cm at Port  
 Kembla, New South Wales, Australia.

HRVD 23:14:59:04.0.2.49.91S:161.25E,h28km:1km,MW8.1/79,  
 Centroid moment Tensor Solution.Mantle waves:  
 s79,c200; Half duration:267; Moment tensor: Scale 1021  
 Nm; Mr:0.1±0.1; Mw:0.87±0.1; Ms:0.98±0.1;  
 M0:0.49±0.09; M0:1.21±0.1; Mr:0.32±0.09; Best double  
 couple: M0:1.63±0.11,δ93°,λ167°. NP1:0.163°,δ78°,  
 λ16°. Principal axes: T 1.66, P1g20°, Azm27°; N -1.1,  
 P1g70°, Azm199°; P -1.58, P1g2°, Azm296°; nsta1 refers  
 to body waves. nsta2 refers to mantle waves, cutoff=200s.  
 BUJ 23:14:59:04.4.49.30S:161.30E,h10km,mb7.4,mb6.1,  
 Ms8.0,Ms7.8

MOS 23:14:59:05.3.1.8.49.87S:159.79E,h10km,mb6.4/12,  
 MS8.0/25,Error ellipse: s-maj=21.0km s-min=12.7km  
 az=102.6 Broadband fault plane solution: P waves. NP1:  
 0.263°,δ67°,λ177°. NP2:0.354°,δ87°,λ23°. Principal  
 axes: T P1g18°, Azm221°; N P1g67°, Azm0°; P P1g14°,  
 Azm129°

ISC 23:14:59:00.7.0.2.49.71S:102.03E,h10km,  
 (h16km,3.8km;p-P,1),n1320,c1859/379,mb6.5/66,  
 MS7.8/102,76C-62D,North of Macquarie Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
MCQ	Macquarie Isla	5.06	198	iP	Pn	15 00 07.4 -11
MCC	Macquarie Isla	5.06	198	eP	Pn	15 00 08.8 -10
DCZ	Deep Cove	5.67	44	S	Pn	15 00 26.1 -0.7
DCZ	Wether Hill Ro	5.74	51	eP	Sn	15 00 27.9 -0.2
WHZ	Wether Hill Ro	5.74	51	eP	Sn	15 01 47.7 +13
WHZ	Wether Hill Ro	5.74	51	eP	Sn	15 00 27.9 -0.2
MLZ	Mavora Lakes	6.24	48	eP	Sn	15 00 35.1 -0.1
MLZ	Mavora Lakes	6.24	48	eP	Pn	15 00 35.1 -0.1
MLZ	Mavora Lakes	6.24	48	eP	Sn	15 02 02.6 +15
TUZ	Tuapeka	6.59	58	eP	Sn	15 00 39.7 -0.4
TUZ	Tuapeka	6.59	58	eP	Sn	15 02 08.9 -1.4
TUZ	Tuapeka	6.59	58	eP	Pn	15 00 39.7 -0.4
MSZ	Milford Sound	6.64	43	eP	Pn	15 02 10.2 +14
MSZ	Milford Sound	6.64	43	eP	Pn	15 00 41.2 +0.4
MSZ	Milford Sound	6.64	43	eP	Sn	15 02 15.2 +18
EAZ	Earnsclough	6.89	52	eP	Pn	15 00 43.1 -1.2
EAZ	Earnsclough	6.89	52	eP	Pn	15 01 23.1 -2.3
EAZ	Earnsclough	6.89	52	eP	Pn	15 00 46.8 +0.3
WAK	Wanaka	7.03	49	eP	Pn	15 00 46.6 +0.3
WAK	Wanaka	7.03	49	eP	Pn	15 00 53.5 +0.9
JCK	Jackson Bay	7.48	44	eP	Pn	15 00 53.5 +0.9
JCK	Jackson Bay	7.48	44	eP	Pn	15 00 53.5 +0.9
ODZ	Otaoua Downs	7.72	56	eP	Pn	15 00 53.3 -2.6
ODZ	Otaoua Downs	7.72	56	eP	Pn	15 00 53.3 -2.6
LBZ	Lake Benmore	7.93	51	eP	Pn	15 00 56.0 -2.8
LBZ	Lake Benmore	7.93	51	eP	Pn	15 00 56.0 -2.8
FOZ	Fox Glacier	8.30	45	eP	Sn	15 01 04.6 +0.6
FOZ	Fox Glacier	8.30	45	eP	Sn	15 02 56.4 +18
RPZ	Rata Peaks	8.85	51	eP	Pn	15 01 07.6 -3.9
RPZ	Rata Peaks	8.85	51	eP	Pn	15 02 57.6 +5.2
RPZ	Rata Peaks	8.85	51	eP	Pn	15 01 07.9 -3.7
RPZ	Rata Peaks	8.85	51	eP	Pn	15 01 07.4 -4.2
RPZ	Waikata Valley	9.16	47	eP	Pn	15 01 14.3 -1.7
RPZ	Waikata Valley	9.16	47	eP	Pn	15 01 14.3 -1.7
WVZ	Wairua	9.16	47	eP	Pn	15 03 15.0 +15
MOZ	McQueen's Vall	9.69	56	eP	Pn	15 01 20.3 -2.8
MOZ	McQueen's Vall	9.69	56	eP	Pn	15 01 20.3 -2.8
CRUZ	Carriery Bay	9.75	53	eP	Pn	15 01 25.3 -3.8
CRUZ	Carriery Bay	9.75	53	eP	Pn	15 01 25.3 -3.8
LTAZ	Lake Taylor	10.13	51	eP	Pn	15 01 25.5 -3.8
DSZ	Dennistown	10.69	46	eP	Pn	15 01 34.8 -2.1
DSZ	Dennistown	10.69	46	eP	Pn	15 01 34.3 -2.6
DSZ	Dennistown	10.69	46	eP	Pn	15 03 45.1 +7.3
DSZ	Dennistown	10.69	46	eP	Pn	15 01 34.8 -2.1
KHZ	Kahutara	11.05	53	eP	Sn	15 01 38.1 -3.7
KHZ	Kahutara	11.05	53	eP	Pn	15 01 38.1 -3.7
THZ	Topohouse	11.21	49	eP	Pn	15 01 41.5 -2.4
THZ	Topohouse	11.21	49	eP	Pn	15 01 41.3 -2.6
BSWZ	Blackbirch Sta	11.73	52	eP	Pn	15 01 50.3 -0.7
CRZ	Quartz Range	11.75	45	eP	Pn	15 01 49.1 -2.5
CRZ	Quartz Range	11.75	45	eP	Pn	15 01 49.1 -2.5
NNZ	Nelson	11.85	49	eP	Pn	15 01 50.5 -2.2
NNZ	Nelson	11.85	49	eP	Pn	15 01 50.5 -2.2
CMWZ	Cape Campbell	11.88	53	eP	Pn	15 01 54.2 +1.2
BHW	Baring Head	12.46	53	eP	Pn	15 02 00.4 -0.5
BHW	Baring Head	12.46	53	eP	Pn	15 01 59.9 -1.0
MWZ	Makara Radio	12.51	52	eP	Pn	15 02 00.2 -1.3
MSWZ	Moikau Station	12.66	54	eP	Pn	15 02 02.4 -1.1
CAW	Cannon Point	12.78	53	eP	Pn	15 02 03.4 -1.8
CAW	Cannon Point	12.78	53	eP	Pn	15 02 04.2 -2.8
KIW	Kapiti Island	12.88	52	eP	Pn	15 02 05.3 -1.2
MTW	Mount Morrison	13.07	53	eP	Pn	15 02 07.7 -2.0
MRZ	Mangatainoka R	13.37	53	eP	Pn	15 02 10.6 -2.4
MRZ	Mangatainoka R	13.37	53	eP	Pn	15 02 09.4 -3.6
NRZ	Ngariki Road	13.59	45	eP	Pn	15 02 15.6 -0.2
NRZ	Ngariki Road	13.59	45	eP	Pn	15 02 15.6 -0.2
NWZ	Newall Road	13.61	45	eP	Pn	15 02 15.9 -0.2
NWZ	Newall Road	13.61	45	eP	Pn	15 02 22.0 -2.2
DFE	Dawson Falls	13.68	45	eP	Pn	15 02 17.4 +0.4
DFE	Dawson Falls	13.68	45	eP	Pn	15 02 17.2 +0.2
BFZ	Birch Farm	13.71	54	eP	Pn	15 02 16.0 -1.4
BFZ	Birch Farm	13.71	54	eP	Pn	15 02 16.0 -1.4
NEZ	North Egmont	13.72	45	eP	Pn	15 02 16.9 -0.6
NEZ	North Egmont	13.72	45	eP	Pn	15 02 17.3 -0.4
PKE	Pukeiti	13.73	45	eP	Pn	15 02 16.3 -1.4
PKE	Pukeiti	13.73	45	eP	Pn	15 02 17.7 -0.3
WAZ	Wanganui	13.76	49	eP	Pn	15 02 17.1 -0.9
RAEZ	Rainy Point	13.84	46	eP	Pn	15 02 18.5 -0.7
RAEZ	Rainy Point	13.84	46	eP	Pn	15 02 18.5 -0.7
TSZ	Takapari Road	14.02	52	eP	Pn	15 02 22.5 +1.1
TSZ	Takapari Road	14.02	52	eP	Pn	15 02 22.5 +1.1
VRZ	Vera Road	14.14	47	eP	Pn	15 02 22.0 -1.1
VRZ	Vera Road	14.14	47	eP	Pn	15 02 22.0 -1.1
MOVZ	Mohiwa	14.39	49	eP	Pn	15 02 28.1 +1.8
MOVZ	Mohiwa	14.39	49	eP	Pn	15 02 26.1 +0.4
DRZ	Dome Shelter	14.41	49	eP	Pn	15 02 28.1 +1.5
DRZ	Dome Shelter	14.41	49	eP	Pn	15 02 28.7 +2.1
FWZ	Far West T-bar	14.42	49	eP	Pn	15 02 26.9 +0.2
FWZ	Far West T-bar	14.42	49	eP	Pn	15 02 26.9 +0.2
WPVZ	Whakapapa	14.46	49	eP	Pn	15 02 32.2 +0.5
TUVZ	Tukino	14.46	49	eP	Pn	15 02 26.9 -0.4
TUVZ	Tukino	14.46	49	eP	Pn	15 02 27.1 -0.2
CNZ	Chateau	14.46	49	eP	Pn	15 02 27.5 +0.2
PWZ	Pawani	14.51	54	eP	Pn	15 02 27.1 -0.7
PWZ	Pawani	14.51	54	eP	Pn	15 02 27.7 +0.7
NGZ	Ngauruhoe	14.51	49	eP	Pn	15 02 27.4 -0.5
NGZ	Ngauruhoe	14.51	49	eP	Pn	15 02 28.3 +0.4
TWVZ	Taurewa	14.51	49	eP	Pn	15 02 27.3 -0.6
WTVZ	West Tongariro	14.55	49	eP	Pn	15 02 27.5 -0.9
MGZ	Maugaku	14.61	49	eP	Pn	15 02 30.6 +1.3
RATZ	Rangitua	14.83	48	eP	Pn	15 02 30.9 -1.2
RATZ	Rangitua	14.83	48	eP	Pn	15 02 30.9 -1.2
WATZ	Wairua	14.94	48	eP	Pn	15 02 39.5 +0.6
BKZ	Black Stump Fm	14.96	51	eP	Pn	15 02 33.9 +0.1
PATZ	Paeroa	15.48	48	eP	Pn	15 02 43.2 +3.0
PATZ	Paeroa	15.48	48	eP	Pn	15 02 43.2 +3.0
UTU	Utuhina	15.58	48	eP	Pn	15 02 43.0 +1.1
TOZ	Tahuroa Road	15.61	45	eP	Pn	15 02 43.0 +0.7
TOZ	Tahuroa Road	15.61	45	eP	Pn	15 02 43.0 +0.7
KNZ	Kokohu	15.67	53	eP	Pn	15 02 42.7 -0.4
KNZ	Kokohu	15.67	53	eP	Pn	15 02 42.7 -0.4
TAZ	Tarawera	15.69	49	eP	Pn	15 02 44.1 +0.8

TAZ	Tarawera	15.69	49	eP	Pn	15 02 44.1 +0.8
LIRZ	Lichensteins R	15.81	48	eP	Pn	15 02 46.0 +1.2
LIRZ	Lichensteins R	15.81	48	eP	Pn	15 02 46.0 +1.2
WTAZ	Waiaitua	15.86	41	eP	Pn	15 02 47.5 +2.0
WTAZ	Waiaitua	15.86	41	eP	Pn	15 02 47.5 +2.0
Urewera	Urewera	15.96	50	eP	Pn	15 02 43.9 -2.9
URZ	19m,0.3s,baz=223,slow=6.9,SNR=44					15 05 51.3 +7.4
URZ	30m,0.3s,baz=353,slow=20,SNR=3.5					15 02 44.3 -2.5
URZ	Urewera	15.96	50	eP	Pn	15 02 43.7 -3.1
MKAZ	Moumakai	15.97	43	eP	Pn	15 02 46.9 0.0
MKAZ	Moumakai	15.97	43	eP	Pn	15 02 46.9 0.0
OTAZ	Otara	16.00	42	eP	Pn	15 02 49.9 +2.6
OTAZ	Otara	16.00	42	eP	Pn	15 02 47.3 0.0
KAAZ	Kauri Point	16.01	41	eP	Pn	15 02 51.9 +4.5
MWZ	Matawai	16.11	51	eP	Pn	15 02 47.9 -0.9
MWZ	Matawai	16.11	51	eP	Pn	15 02 47.9 -0.9
MTAZ	Motutapu	16.13	42	eP	Pn	15 02 50.2 +1.3
MTAZ	Motutapu	16.13	42	eP	Pn	15 02 50.2 +1.3
KUZ	Kuaitunu	16.52	44	eP	Pn	15 02 52.5 -1.4
KUZ	Kuaitunu	16.52	44	eP	Pn	15 02 52.5 -1.4
WCZ	Waipu Caves	16.61	39	eP	Pn	15 02 57.0 +1.9
WCZ	Waipu Caves	16.61	39	eP	Pn	15 02 56.3 +1.2
PUCZ	Puketiti	16.68	52	eP	Pn	15 02 55.2 -0.8
PUCZ	Puketiti	16.68	52	eP	Pn	15 02 55.2 -0.8
PUZ	Puketiti	16.68	52	eP	Pn	15 02 55.2 -0.8
TOO	Tootaling	16.77	310	iP	Pn	15 02 55.3 -1.8
TOO	Tootaling	16.77	310	iP	Pn	15 06 11.1 +8.5
TOO	Tootaling	16.77	310	iP	Pn	15 02 56.5 -0.6
CNB	Camberra Magne	16.94	324	iP	Pn	15 02 58.6 -0.6
CNB	Camberra Magne	16.94	324	iP	Pn	15 06 06.5 0.0
CNB	Camberra Magne	16.94	324	iP	Pn	15 19 32.5
OUZ	Omahuta	16.95	36	eP	Pn	15 03 01.1 +1.8
OUZ	Omahuta	16.95	36	eP	Pn	15 03 01.1 +1.8
MXZ	Matakaoa Point	17.10	51	eP	Pn	15 03 07.7 +0.5
MXZ	Matakaoa Point	17.10	51	eP	Pn	15 03 07.7 +0.5
RIV	Riviera	17.10	51	eP	Pn	15 03 07.7 +0.5
RIV	Riviera	17.10	51	eP	Pn	15 03 09.0 +1.0
DRV	Dumont d'Urville	20.25	205	P	Pn	15 06 23.7 +0.9
DRV	Dumont d'Urville	20.25	205	P	Pn	15 03 11.4 +1.8
DRV	Dumont d'Urville	20.25	205	P	Pn	15 07 00.0
DRV	Dumont d'Urville	20.25	205	P	Pn	15 08 00.0
STKA	Stephens Creek	23.25	313	iP	Pn	15 04 09.1 +0.2
STKA	Stephens Creek	23.25	313	iP	Pn	15 08 29.2
STKA	Stephens Creek	23.25	313	iP	Pn	15 04 09.4 +0.5
STKA	Stephens Creek	23.25	313	iP	Pn	15 08 22.2 +5.4
STKA	Stephens Creek	23.25	313	iP	Pn	15 13 21.4
NOUC	Port Laguerre	27.80				









Table with columns for station name, frequency, and other technical details. Includes stations like BYBT, ANNO, and various others.

Table with columns for station name, frequency, and other technical details. Includes stations like VRI, THE, AKASG, and various others.

Table with columns for station name, frequency, and other technical details. Includes stations like TTK, SULL, BUD, and various others.



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EADA Adamuz, BORG Borgarnes, BORG Borgarnes, SMF Signal de Mont, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like WHZ Wether Hill, MLZ Mavora Lakes, MSZ Milford Sound, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like QRZ Quartz Range, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like IDI Anoyia, AKASO Malin Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like IDI Anoyia, AKASO Malin Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like DCZ Deep Cove, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like RPZ Rata Peaks, WVV Waitaha Valley, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ARS Alice Springs, ASPA Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like CMAR Chiang Mai Arr, IDI Anoyia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like TUZ Tuapeka, WKZ Wanaka, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RPZ Rata Peaks, LTZ Lake Taylor, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ILAR Ellen Arr, INK Inuvik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like NOUC Port Laguerre, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like STKA Stephens Creek, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like WRA Warramunga Arr, ASPA Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like CMAR Chiang Mai Arr, YBH Yreka Blue Hor, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ILAR Ellen Arr, TXAR Lajitas Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like WRA Warramunga Arr, GERS GERRSS Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like IDI Anoyia, DAVOX Davos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like RPZ Rata Peaks, WVV Waitaha Valley, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like WVV Waitaha Valley, LTZ Lake Taylor, etc.



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

PRU 23 15:49:32.2, 50.32N, 19.16E

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ojcow, Ostrava-Krasne, Niedzica, etc.

IDC 23 15:54:10.7, 31.48, 105.163, 7.2E, mb4.2/3, mb1 4.5/3, mb1mx4.0/8, Error ellipse: s-maj=420.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, etc.

IDC 23 15:59:54.7, 1.49, 75S, 161.79E, mb4.1/4, mb1 4.5/3, mb1mx4.1/9, ML3.3/1, Error ellipse: s-maj=56.5km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, etc.

IDC 23 15:59:53.0, 3.1, 50.0S, 0.1x161.8E, 0.1, h8km, 20km, n20, s-min=34.6km az=14.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mavora Lakes, Tuapeka, Milford Sound, etc.

IDC 23 16:00:43.7, 3.9, 51.64S, 160.51E, mb3.9/2, mb1 4.2/2,

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

IDC 23 16:05:46.2, 2.3, 49.10S, 161.31E, mb4.2/3, mb1 4.5/4, mb1mx4.1/9, ML4.3/1, Error ellipse: s-maj=66.1km

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

IDC 23 16:07:31.9, 0.4, 49.28S, 161.41E, mb4.5/8, mb1 4.7/10, mb1mx4.6/13, ML4.0/2, Error ellipse: s-maj=27.1km

SYO 23 16:07:34.7, 49.28S, 161.07E, h10km, MB5.1

NEIC 23 16:07:38.4, 0.2, 48.70S, 161.19E, h10km, mb4.9/8, Error ellipse: s-maj=5.8km s-min=3.2km az=160.0

IDC 23 16:07:32.0, 4.4, 49.22S, 0.06, 161.44E, 0.06, h10km, m77, s-min=3.2km az=172.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Deep Cove, Wether Hill, etc.

IDC 23 16:16:26.7, 0.7, 49.88S, 161.80E, mb4.5/8, mb1 4.7/10, mb1mx4.5/13, ML4.4/2, Error ellipse: s-maj=23.9km

SYO 23 16:16:29.8, 49.82S, 161.51E, h10km, MB5.1

NEIC 23 16:16:33.7, 0.3, 49.27S, 161.40E, h10km, mb4.9/12, Error ellipse: s-maj=8.5km s-min=4.6km az=158.0

IDC 23 16:16:27.0, 5.0, 49.85S, 0.06, 161.75E, 0.07, h10km, m66, s-min=18.2km az=72.0

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

IDC 23 16:00:43.7, 3.9, 51.64S, 160.51E, mb3.9/2, mb1 4.2/2,

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

NEIC 23 16:13:46.3, 1.1, 20.64S, 178.81W, h586km, 13km, mb4.4/8, Error ellipse: s-maj=16.7km s-min=9.5km az=146.0

IDC 23 16:13:51.9, 2.6, 20.58S, 179.03W, h650km, 32km, mb3.2/4, mb1 3.5/15, mb1mx3.5/18, Error ellipse: s-maj=22.3km s-min=13.3km az=155.0

IDC 23 16:13:45.4, 1.3, 20.7S, 0.1, 178.9W, 0.1, h585km, 18km, n33, s094/26, mb3.9/17, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WZC Waipu Caves, STKA Stephens Creek, VYND Vanda, etc.

IDC 23 16:20:02.7-0.9, 49.05N:156.19E, mb4.1/18, mb1 4.3/20, mb1mx4.2/30, ML2.4/2, Error ellipse: s-maj=25.1km s-min=14.0km az=160.0

MOS 23 16:20:08.4-0.9, 49.23N:156.04E, h41km, mb4.4/10, Error ellipse: s-maj=30.1km s-min=11.2km az=91.0

NEIC 23 16:20:11.2-3.6, 49.16N:156.06E, h56km, mb4.4/9, Error ellipse: s-maj=37.6km s-min=13.6km az=162.0

ISC 23 16:20:03-3.0, 49.06N:156.2E, 0.1, h14km, 18km, n5E, 0697/59, mb4.2/27, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, PET Petropavlovsk, MA2 Attu Island-F, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAF Kongsaniemi, FINES FINESS Array B, NOA NORSAR Array B, etc.

IDC 23 16:22:11.1-1.7, 50.27S:162.18E, mb4.2/4, mb1 4.4/6, mb1mx4.1/10, ML3.6/2, Error ellipse: s-maj=47.6km

NEIC 23 16:22:19.6-0.8, 49.58S:161.65E, h10km, mb4.8/3, Error ellipse: s-maj=16.0km s-min=6.6km az=165.0

ISC 23 16:22:13.5-0.8, 50.05S:0.1, 161.91E, 10, h10km, n41, 0.135/48, mb4.4/7, North of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mavora Lakes, TUZ Tuapeka, etc.

IDC 23 16:26:23.6-2.1, 50.11S:161.65E, mb4.2/4, mb1 4.4/6, mb1mx4.1/10, ML2.4/2, Error ellipse: s-maj=53.9km s-min=27.3km az=170.0

NEIC 23 16:26:30.8-0.9, 49.50S:161.26E, h10km, mb4.7/4, Error ellipse: s-maj=22.3km s-min=13.1km az=179.0

ISC 23 16:26:22.1-1.5, 50.42S:0.2, 161.66E, 10, h10km, n30, 0.095/30, mb4.5/2, North of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mavora Lakes, TUZ Tuapeka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QRZ Quartz Range, URZ Urewera, STKA Stephens Creek, etc.

ATH 23 16:33:20.7, 39.94N-21.73E, h10km, MD2.9/3 THE 23 16:33:20.9, 39.96N-21.55E, h1km, ML2.8 CSEM 23 16:33:21.4, 0.1, 39.99N-21.56E, h2km, ML2.8, Error ellipse: s-maj=3.1km s-min=2.6km az=82.0

ISC 23 16:33:20.0-0.8, 39.95N-0.03, 21.53E, 0.06, h1km, 8km, n13, 0897/20, 1C, GreenE

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZN Kozani, JAN Litohoron, LIT LIT, etc.

IDC 23 16:33:50.7-5.2, 49.26S:161.16E, mb3.7/3, mb1 4.0/4, mb1mx3.7/9, ML4.0/1, Error ellipse: s-maj=127.0km s-min=40.2km az=172.0

ISC 23 16:33:50.5-1.7, 49.33S:0.3, 161.2E, 10, h10km, n12, 0.192/15, mb3.7/3, North of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mavora Lakes, MSZ Milford Sound, etc.

IDC 23 16:35:15.9-1.2, 5.48N:77.27W, mb3.4/2, mb1 3.8/3, mb1mx3.4/19, ML2.7/1, MS5.0/1, Ms1 5.0/1, ms1mx3.0/14, Error ellipse: s-maj=49.2km s-min=28.4km az=51.0

Near west coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, LPZ Yalzu, ASAR Alice Springs, etc.

IDC 23 16:48:43.9-2.8, 5.00N:73.42W, h65km, 15km, mb3.1/1, mb1 3.5/2, mb1mx2.9/20, Error ellipse: s-maj=60.2km s-min=34.1km az=142.0, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, SDV Santo Domingo, YAK Yellowknife Ar, etc.

IDC 23 16:50:33.5-1.8, 30.16S:177.40W, mb4.2/4, mb1 4.3/5, mb1mx4.0/15, ML3.6/1, Error ellipse: s-maj=54.9km s-min=34.1km az=151.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

s-min=44.0km az=7.0, Auckland Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ, STKA, ASAR, WRA, ARCES.

OTT 23 16:58:58.0, 5.272N, 66.78W, MN2.77, Blast, Labrador City, Nf Mining explosion., Northern Quebec

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SCHQ, SMQ, MNQ, ICQ, CNQ, GSQ, LG4Q, LMQ, DRLN, MALO, VIMO, SILO.

IDC 23 17:12:50.4, 7.1, 48.45S, 162.28E, mb3.8/4, mb1 4.0/4, mb1mx3.8/8, Error ellipse: s-maj=290.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include VYDA, ASAR, WRA, CMAR.

IDC 23 17:35:32.1, 6.4, 49.81S, 161.83E, mb4.2/4, mb1 4.4/6, mb1mx4.2/10, ML3.7/2, Error ellipse: s-maj=46.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLZ, TUZ, MSZ, EAZ, JPCZ, WRA, CMAR.

IDC 23 17:35:32.7, 3.1, 49.9S, 161.6E, h2.0, h10km, n15, c111/11, mb4.2/4, North of Macquarie Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLZ, TUZ, MSZ, EAZ, JPCZ, WRA, CMAR, IDI, ARCES, FINES, GERES.

GUC 23 17:55:39.0, 4.0, 30.86S, 71.74W, h17km, 2km, ML4.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUC, NEIC, ISC.

ISC 23 17:55:39.0, 6.0, 30.76S, 0.03, 71.76W, 0.06, h33km, n46, c1108/61, mb4.5/6, 6C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OVCH, CMCH, TLL, ILCH, PTCH, PACH, JACH, IHA, ROCH, VACH, PEL, LCH, DSCH, CLCH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STL, RCDM, FCH, FSR, ANTU, TACH, PCH, SJCH, MDZ, CHCH, LMEL, CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CACH, CICH, SFDO, LVC, TRQA, LPAZ, BDFB, BAO, VNA3, VNA2, SNA4, SNA3, QSPA, DBIC, DBIC, MAW, WRA, ZAL, ZAL, ZAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JTK, HATJ, JM, JOGS, JKE, KJKE.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SRDI, SRDI, KELI, KELI, RATI, RATI, KEDI, KEDI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSP, KSP, UPCI, UPCI, DPC, DPC, PRVC, PRVC, KLL, KLL, CLL, CLL, OKC, OKC, NKC, NKC, KHC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THZ Tophouse, QZQ Quartz Range, NZZ Nelson, etc.

NEIC 23 19:08:11.9, 38.70N-22.81E, h13km, MD2.9(ATH), After ATH.

ATH 23 19:08:11.9, 38.71N-22.81E, h15km, 2km, MD2.9/6. THE 23 19:08:11.6, 38.75N-22.72E, h23km, ML3.0.

CSEM 23 19:08:11.3, 0.1, 38.72N-22.75E, h14km, 1km, MD2.9. Error ellipse: s-maj=3.2km s-min=2.0km az=66.0.

ISC 23 19:08:10.7, 0.6, 38.76N-22.77E, h15km, n14, az=67.1/20, Greece.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKR Lokris, AGG Agios Georgios, NEO Neokhorii, etc.

PDA 23 19:12:31.4, 0.9, 37.39N-24.76W, h15km, MD2.8, ML2.5. Error ellipse: s-maj=6.5km s-min=2.4km az=73.0.

CSEM 23 19:12:33.2, 0.2, 37.64N-25.11W, h25km, ML2.5. Error ellipse: s-maj=4.9km s-min=3.9km az=17.0.

SVSA 23 19:12:31.4, 0.5, 37.39N-24.76W, h15km, MD2.8, ML2.5. Error ellipse: s-maj=3.5km s-min=2.4km az=73.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSMN Pico do Norte, MIRA Miradouro, FRA1 Furnas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MESC Monte Escuro, LFA Lagoa do Fogo, PMAT Coroa da Mata, etc.

IDC 23 19:13:17.3, 36.0, 16.43S-171.68W, mb4.5/4, mb1 4.6/4, mb1mx4.0/17, 1C-2D, Error ellipse: s-maj=699.0km.

s-min=99.7km az=74.0, Samoa Islands region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, STKA Stephens Creek, WBA Warramunga Arr, etc.

THE 23 19:13:58.7, 38.65N-22.71E, h10km, ML3.2. NEIC 23 19:13:59.8, 38.68N-22.71E, h11km, ML3.0(ATH), After ATH.

ATH 23 19:13:59.9, 38.68N-22.71E, h6km, MD3.1/9, ML3.0. CSEM 23 19:13:59.6, 0.2, 38.67N-22.70E, h2km, ML3.0, Error ellipse: s-maj=3.7km s-min=2.4km az=51.0.

ISC 23 19:13:58.6, 0.8, 38.67N-22.69E, 0.05, h0km, 7km, n17, az=68.6/24, Greece.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKR Lokris, AGG Agios Georgios, EVR Erytria, etc.

ATH 23 19:43:31.2, 39.95N-21.71E, h5km, MD3.2/4. NEIC 23 19:43:32.1, 39.99N-21.67E, h7km, MD3.2(ATH), After ATH.

THE 23 19:43:32.3, 0.4, 0.04N-21.65E, h9km, ML3.2. CSEM 23 19:43:32.2, 0.4, 0.03N-21.64E, h5km, MD3.2. Error ellipse: s-maj=8.3km s-min=4.0km az=76.0.

ISC 23 19:43:31.7, 0.6, 40.03N-20.02E, 1.67E, 0.04, h9km, 6km, n15, az=129/24, Greece.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZN Kozani, LIT Litokhoron, JAN Janina, etc.

IDC 23 19:49:60.0, 0.5, 49.92S-161.57E, mb5.2/11, mb1 5.3/13, mb1mx5.1/15, ML4.6/2, MS5.7/14, M5.1/7/14, ms1mx5.3/17, Error ellipse: s-maj=20.2km s-min=14.9km az=72.0.

SYO 23 19:50:00.6, 49.89S-161.60E, h10km, MB5.6, MS5.7. BUJ 23 19:50:01.2, 49.33S-161.36E, h8km, MB6.1, mb5.5, MS6.0, MS25.6.

MOS 23 19:50:03.7, 2.4, 50.19S-160.20E, h10km, mb6.4/2, MS5.8/9, Error ellipse: s-maj=32.4km s-min=15.2km az=95.8.

NEIC 23 19:50:05.1, 0.2, 49.31S-161.45E, h10km, mb5.5/29, MS5.6/29, Error ellipse: s-maj=6.4km s-min=4.4km az=155.0.

ISC 23 19:49:59.5, 1.2, 49.89S-161.78E, 0.05, h14km, 7km, h20km, 6.7km, p-P, n253, az=120/126, mb5.5/39, MS5.7/48, 37C-19D, North of Macquarie Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCQ Macquarie Isla, WHZ Wether Hill Ro, WHZ Wether Hill Ro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EAZ Earnsclough, WKZ Wanaka, WJZ Wanaka, etc.

TOO Toolong 148nm, 1.2s. CNB Canberra Magne 17.16 323 eP.

CNB Canberra Magne 17.16 323 eP. STKA Stephens Creek 23.47 313 fP.

STKA Stephens Creek 23.47 313 fP. STKA Stephens Creek 23.47 313 fP.

VNDA Vanda 27.73 180 pP. VNDA Vanda 27.73 180 pP.

VNDA Vanda 27.73 180 pP. VNDA Vanda 27.73 180 pP.

VNDA Vanda 27.73 180 pP. VNDA Vanda 27.73 180 pP.

VNDA Vanda 27.73 180 pP. VNDA Vanda 27.73 180 pP.

NOUNC Port Laguerre 27.96 9 eP. DZM Mont Dzumac 28.01 9 eP.

DZM Mont Dzumac 28.01 9 eP. SBA Sott Base 28.13 178 eP.

SBA Sott Base 28.13 178 eP. SBA Sott Base 28.13 178 eP.

CASY Casey 30.54 218 eP. CTA Charters Tower 32.21 332 fP.

CTA Charters Tower 32.21 332 fP. CTA Charters Tower 32.21 332 fP.

CTAO Charters Tower 32.21 332 eP. CTAO Charters Tower 32.21 332 eP.

ASAR Alice Springs 34.04 310 pP. ASAR Alice Springs 34.04 310 pP.

ASAR Alice Springs 34.04 310 pP. ASAR Alice Springs 34.04 310 pP.

ASAR Alice Springs 34.04 310 pP. ASAR Alice Springs 34.04 310 pP.

NWAO Narrogin (SRO) 36.84 280 pP. NWAO Narrogin (SRO) 36.84 280 pP.

NWAO Narrogin (SRO) 36.84 280 pP. NWAO Narrogin (SRO) 36.84 280 pP.

NWAO Narrogin (SRO) 36.84 280 pP. NWAO Narrogin (SRO) 36.84 280 pP.

MIR Mirnyy 37.56 218 eP. MIR Mirnyy 37.56 218 eP.

MIR Mirnyy 37.56 218 eP. MIR Mirnyy 37.56 218 eP.

MIR Mirnyy 37.56 218 eP. MIR Mirnyy 37.56 218 eP.

MIR Mirnyy 37.56 218 eP. MIR Mirnyy 37.56 218 eP.

MUN Mundaring 38.12 281 eP. GSPA South Pole Qui 40.23 180 eP.

GSPA South Pole Qui 40.23 180 eP. RAR Rarotonga 41.67 61 LR.

RAR Rarotonga 41.67 61 LR. PMG Port Moresby 42.15 338 eP.

PMG Port Moresby 42.15 338 eP. PMG Port Moresby 42.15 338 eP.

PMG Port Moresby 42.15 338 eP. PMG Port Moresby 42.15 338 eP.

FITZ Fitzroy Crossi 42.92 305 fP. FITZ Fitzroy Crossi 42.92 305 fP.

FITZ Fitzroy Crossi 42.92 305 fP. MBWA Marble Bar 43.78 295 eP.

MBWA Marble Bar 43.78 295 eP. KAKA Kakadu 44.20 317 fP.

KAKA Kakadu 44.20 317 fP. TBI Tubuai 46.18 73 eP.

TBI Tubuai 46.18 73 eP. MAW Mawson 48.23 211 pP.

MAW Mawson 48.23 211 pP. MAW Mawson 48.23 211 pP.

MAW Mawson 48.23 211 pP. MAW Mawson 48.23 211 pP.

YOMI Yvonneville 50.41 322 fP. PPT Papeete 50.47 68 eP.

PPT Papeete 50.47 68 eP. TIAR Tiarei 50.62 68 eP.

TIAR Tiarei 50.62 68 eP. SYO Syowa Base 54.03 202 fP.

SYO Syowa Base 54.03 202 fP. SYO Syowa Base 54.03 202 fP.

Table with columns for station name, coordinates, time, and status. Includes stations like KELI Kelakatan, NINI Nirine, NVL Nivonarevskaya, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like SHL Shillong, MDJ Mudanjiang, LZH Lanzhou, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like RZN Rozhen, MMB Musomiste, VRI Vrincoia, etc.

CSEW 23 19:52:13.2e.0.1, 41.49N:29.31W, h2km, mb4.8/27, Error ellipse: s-maj=2.3km s-min=1.4km az=57.0

IDC 23 19:52:16.4e.0.6, 41.77N:29.35W, mb4.0/16, mb1.4/2/17, s-min=1.4, 9km az=1.0

NEIC 23 19:52:17.6e.0.2, 41.68N:29.32W, h10km, mb4.8/34, Error ellipse: s-maj=8.5km s-min=3.8km az=174.0

ISC 23 19:52:15.0e.0.2, 41.47N:0.03, 29.30W, 0.05, h10km, i109, e1900/106, mb4.5/43, Azores Islands region

Table with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual. Includes stations like Santa Cruz, Biscotlos, Santa Barbara, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNA, SNA, VNA, VNA, CMAR, AKASG, ARCES, FINES, etc.

NEIC 23 20:00:37.0, 2.0, 48.81S:161.19E, h10km, mb4.6/4, Error ellipse: s-maj=7.7km, s-min=4.6km, az=150.0
IDC 23 20:00:40.0, 0.2, 47.93S:160.98E, mb4.1/4, mb1 4.4/6, mb1mx4.2/10, M.L4.3/2, Error ellipse: s-maj=65.0km, s-min=26.1km, az=174.0

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

NEIC 23 20:21:47.0, 0.3, 60.28N:152.55W, h12km, After AEIC.
IDC 23 20:21:58.7, 7.7, 61.27N:152.74W, h154km, 69km, mb3.8/1, mb1 3.2/4, mb1mx3.0/21, Error ellipse: s-maj=71.0km, s-min=29.4km, az=24.0

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

IDC 23 20:49:09.4, 1.6, 49.36S:162.37E, mb4.5/3, mb1 4.8/4, mb1mx4.3/9, M.L3.0/1, Error ellipse: s-maj=59.7km, s-min=33.6km, az=83.0
IDC 23 20:49:23.4, 2.4, 49.15S:0.6:161.9E, 0.3, h10km, n12, mb1 3/8, mb4.5/4, 3D, North of Macquarie Island

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

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

IDC 23 20:56:06.3, 2.3, 49.36S:162.71E, mb4.0/4, mb1 4.3/4, mb1 3.9/9, Error ellipse: s-maj=302.0km, s-min=47.3km, az=37.0, Auckland Islands region
ATH 23 20:57:16.4, 38.50N-25.77E, h34km, 3km, MD3.2/6, Aegean Sea







mb1mx3.7/13, Error ellipse: s-maj=1060.0km s-min=162.2km az=83.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STKA	Stephens Creek	37.71	244	Op	02 35 30.2	-0.9
ASAR	Alice Springs	44.39	257	P	02 36 24.6	-1.8
WRA	Warramunga Arr	44.46	262	P	02 36 24.5	-2.3

JSN 24 02:28:28.9.1.2, 18.91N-81.22W, h15km, 99gkm, MD4.4, 2C, North of Honduras

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CVJ	Coleyville	3.56	100	Op	02 29 21.9	-2.9
STH	Stony Hill	4.27	100	P	02 29 32.9	-2.0
GWJ	Greenwich	4.34	100	P	02 29 33.7	-2.2

IDC 24 02:33:20.7.47.0, 17.05S-179.14W, mb3.9, mb1 4.1/3, mb1mx3.7/14, Error ellipse: s-maj=860.0km s-min=155.6km az=83.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STKA	Stephens Creek	38.44	240	Op	02 40 44.9	-1.2
WRA	Warramunga Arr	44.11	259	P	02 41 30.8	-2.0
ASAR	Alice Springs	44.36	253	P	02 41 33.0	-1.9

MAN 24 02:39:09.3, 18.87N-120.91E, h2km, mb4.3, ML3.1, MS2.9, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
APYP	Conner	1.05	162	Op	02 39 29.8	-0.1
ABRA	Dolores	1.23	189	P	02 39 31.8	-1.2
SGCP	Mt. Cagua	1.25	120	P	02 39 32.9	-0.4
CVP	Callao Caves	1.45	143	P	02 39 36.5	-0.2
CVP	Basco	1.85	32	P	02 39 42.2	-0.2
BBP	Cauayan	2.11	155	P	02 39 48.9	+2.8
PALP	Palanan	2.31	141	P	02 39 51.8	+2.9
BOLP	Binaloa	2.65	201	P	02 39 54.2	+0.4

STR 24 02:40:21.8.0.1, 43.04N-0.52W, h5km, 1km, M12.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 24 02:40:21.8, 43.04N-0.52W, h5km, ML3.1, (LDG), ML2.6(STR), M12.9(MDD), After STR.

LDG 24 02:40:22.7.0.1, 43.13N-0.42W, h2km, Md3.2/3, M13.4/12, Error ellipse: s-maj=1.5km s-min=1.3km az=142.0

CSEM 24 02:40:22.6.0.0, 43.11N-0.44W, h5km, ML3.2/20, Error ellipse: s-maj=0.8km s-min=0.7km az=139.0

MDD 24 02:40:22.4.0.2, 43.13N-0.45W, h6km, 2km, mblg2.7/18, 1C, Error ellipse: s-maj=2.5km s-min=1.2km az=10.0, PRXIMO, Pyrenees

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
REYF	Montagne du Re	0.07	144	Op	02 40 24.1	0.0
REYF	Montagne du Re	0.07	144	P	02 40 24.0	-0.1
ATE	Arette	0.19	258	P	02 40 25.4	-0.9
ATE	Etsaut	0.24	200	P	02 40 28.1	-1.2
ETSF	Etsaut	0.24	200	P	02 40 30.7	+0.1
FDFA	Les Forges d'A	0.32	196	P	02 40 21.0	-7.8
ORDF	Ordiarp	0.37	284	P	02 40 29.6	-0.2
ORDF	Ordiarp	0.37	284	P	02 40 34.1	-0.6
ORDF	Ordiarp	0.37	284	P	02 40 29.3	-0.5
LABF	Labassere	0.37	284	P	02 40 34.1	-0.6
LABF	Labassere	0.39	101	P	02 40 29.5	+0.5
LABF	Labassere	0.39	101	P	02 40 29.5	-0.7
LARF	Larrau	0.39	101	P	02 40 35.9	+0.5
LARF	Larrau	0.41	258	P	02 40 28.7	-1.8
LARF	Larrau	0.41	258	P	02 40 33.5	-2.5
LARF	Larrau	0.41	258	P	02 40 29.5	-1.1
LARF	Larrau	0.41	258	P	02 40 35.0	0.0
VIEF	View	0.42	125	P	02 40 33.1	-2.5
VIEF	View	0.42	125	P	02 40 30.6	-0.6
VIEF	View	0.42	125	P	02 40 35.6	-0.9
SJPF	Ste Jean	0.57	269	P	02 40 43.8	+1.2
SJPF	Ste Jean	0.57	269	P	02 40 41.5	+0.1
EPF	Esparrros	0.58	99	P	02 40 33.2	-0.9
EPF	Esparrros	0.58	99	P	02 40 41.1	-0.8
OSSF	Osses	0.61	283	P	02 40 32.7	-1.9
OSSF	Osses	0.61	283	P	02 40 40.4	-2.4
OSSF	Osses	0.61	283	P	02 40 32.9	-1.7
EBIE	Bielsa	0.62	135	P	02 40 43.5	-1.3
EBIE	Bielsa	0.62	135	P	02 40 33.5	-1.3
EBIE	Bielsa	0.62	135	P	02 40 41.2	0.0
EBIE	Bielsa	0.62	135	P	02 40 33.5	-1.2
RESF	Ens	0.66	119	P	02 40 34.5	-1.0
RESF	Ens	0.66	119	P	02 40 43.7	-0.6
RESF	Ens	0.66	119	P	02 40 34.5	-1.0
RESF	Ens	0.66	119	P	02 40 34.5	-1.0
EALK	Alkuruntz	0.78	277	P	02 40 35.8	-2.2
EALK	Alkuruntz	0.78	277	P	02 40 35.8	-2.2
MELF	Melles	0.92	105	P	02 40 40.1	-0.7
MELF	Melles	0.92	105	P	02 40 53.3	+0.3
MELF	Melles	0.92	105	P	02 40 40.0	-0.8
MELF	Melles	0.92	105	P	02 40 52.5	0.0
SALF	Salau	1.14	98	P	02 40 00.1	0.0
SALF	Salau	1.26	106	P	02 40 46.5	-1.0
SALF	Salau	1.26	106	P	02 41 03.0	-0.9
SALF	Salau	1.26	106	P	02 41 03.9	-1.5
ESAC	San Caprasio	1.40	181	P	02 40 48.4	-2.0
ESAC	San Caprasio	1.40	181	P	02 41 06.3	0.0
ESAC	San Caprasio	1.40	181	P	02 40 48.4	-2.0
ESAC	San Caprasio	1.40	181	P	02 41 07.2	0.0
ESAC	San Caprasio	1.40	181	P	02 40 48.4	-2.0
PAND	Andorre	1.59	112	P	02 40 52.8	-1.2
PAND	Andorre	1.59	112	P	02 41 15.9	0.0
CARF	Carcanieres	1.92	101	P	02 40 59.0	-1.7
CARF	Carcanieres	1.92	101	P	02 41 23.8	-2.5
CARF	Carcanieres	1.92	101	P	02 40 59.5	-1.2
CARF	Carcanieres	1.92	101	P	02 41 03.1	0.0
VALF	Valcebollere	1.95	111	P	02 40 59.1	-2.3
VALF	Valcebollere	1.95	111	P	02 41 27.0	-0.4
VALF	Valcebollere	1.95	111	P	02 40 59.3	-2.1
VALF	Valcebollere	1.95	111	P	02 41 26.5	0.0
MTLF	Montoliou	1.96	83	P	02 40 54.5	-2.1
MTLF	Montoliou	1.96	83	P	02 40 59.9	-2.4
MTLF	Montoliou	1.96	83	P	02 41 18.5	-3.2
MTLF	Montoliou	1.96	83	P	02 41 24.0	-3.6
MTLF	Montoliou	1.96	83	P	02 40 59.1	-2.4
MTLF	Montoliou	1.96	83	P	02 41 18.5	-3.2
MTLF	Montoliou	1.96	83	P	02 41 24.0	-3.6
LFF	La Frestale	2.01	25	P	02 40 55.2	-2.0
LFF	La Frestale	2.01	25	P	02 41 00.5	-1.9
LFF	La Frestale	2.01	25	P	02 41 19.9	-3.0

LFF	La Frestale	2.01	25	ePg	Pg	Sn	02 41 26.5	-2.7
LFF	La Frestale	2.01	25	ePg	Pg	Sn	02 41 00.5	-1.9
LFF	La Frestale	2.01	25	ePg	Pg	Sn	02 41 19.9	-3.0
LFF	La Frestale	2.01	25	ePg	Pg	Sn	02 41 26.5	-2.7
EPOB	Poblet	2.10	147	Pn	Pn	Pn	02 40 57.4	-1.2
EPOB	Poblet	2.10	147	Pn	Pn	Pn	02 41 00.4	-3.9
EPOB	Poblet	2.10	147	Pn	Pn	Pn	02 41 27.5	0.0
EPOB	Poblet	2.10	147	Pn	Pn	Pn	02 40 57.4	-1.2
EPOB	Poblet	2.10	147	Pn	Pn	Pn	02 41 00.4	-3.9
ERTA	Horta de San J	2.24	165	Pn	Pn	Pn	02 40 59.6	-1.0
ERTA	Horta de San J	2.24	165	Pn	Pn	Pn	02 41 03.2	-3.6
ERTA	Horta de San J	2.24	165	Pn	Pn	Pn	02 41 31.5	0.0
ERTA	Horta de San J	2.24	165	Pn	Pn	Pn	02 40 59.6	-1.0
ERTA	Horta de San J	2.24	165	Pn	Pn	Pn	02 41 03.5	-3.7
EBR	Ebro Roquetes	2.41	163	eS*	Pn	Pn	02 41 38.0	+2.2
EJON	La Jonquera	2.55	104	Pg	Pg	Pn	02 41 06.9	-6.3
EJON	La Jonquera	2.55	104	Pg	Pg	Pn	02 41 44.0	0.0
EJON	La Jonquera	2.55	104	Pg	Pg	Pn	02 41 06.9	-6.3
EJON	La Jonquera	2.55	104	Pg	Pg	Pn	02 41 44.0	0.0
CAF	Calviac	2.55	44	ePn	Pn	Pn	02 41 03.2	-1.9
CAF	Calviac	2.55	44	ePn	Pn	Pn	02 41 32.9	-4.0
CAF	Calviac	2.55	44	ePn	Pn	Pn	02 41 43.6	-3.8
RJF	Les Rejaudoux	2.60	32	ePn	Pn	Pn	02 41 03.2	-2.5
RJF	Les Rejaudoux	2.60	32	ePn	Pn	Pn	02 41 34.0	-3.9
RJF	Les Rejaudoux	2.60	32	ePn	Pn	Pn	02 41 44.5	-4.3
EMOS	Mosqueruela	2.76	180	Pn	Pn	Pn	02 41 07.0	-1.0
EMOS	Mosqueruela	2.76	180	Pn	Pn	Pn	02 41 38.6	-3.4
EMOS	Mosqueruela	2.76	180	Pn	Pn	Pn	02 41 45.8	0.0
EMOS	Mosqueruela	2.76	180	Pn	Pn	Pn	02 41 07.0	-1.0
EMOS	Mosqueruela	2.76	180	Pn	Pn	Pn	02 41 07.0	-1.0
LASF	Ste Croix	3.27	72	ePn	Pn	Pn	02 41 12.7	-3.4
LASF	Ste Croix	3.27	72	ePn	Pn	Pn	02 41 38.0	+2.0
LASF	Ste Croix	3.27	72	ePn	Pn	Pn	02 42 05.5	-5.7
MFF	Saint Martin d	3.48	3	ePn	Pn	Pn	02 41 15.5	-2.8
MFF	Saint Martin d	3.48	3	ePn	Pn	Pn	02 41 55.6	-4.8
MFF	Saint Martin d	3.48	3	ePn	Pn	Pn	02 42 12.4	-6.0
EARI	Ariodans	3.49	275	Pn	Pn	Pn	02 41 17.2	-1.1
EARI	Ariodans	3.49	275	Pn	Pn	Pn	02 41 57.3	-3.1
EARI	Ariodans	3.49	275	Pn	Pn	Pn	02 41 17.2	-1.1
EARI	Ariodans	3.49	275	Pn	Pn	Pn	02 41 57.3	-3.1
EARI	Ariodans	3.49	275	Pn	Pn	Pn	02 41 17.2	-1.1
TCF	Tou Ste Croi	3.69	30	ePn	Pn	Pn	02 41 17.1	-4.2
TCF	Tou Ste Croi	3.69	30	ePn	Pn	Pn	02 42 00.4	-5.1
TCF	Tou Ste Croi	3.69	30	ePn	Pn	Pn	02 42 18.5	-6.6
GUD	Guadarrama	3.72	229	Pn	Pn	Pn	02 41 20.3	-1.3
GUD	Guadarrama	3.72	229	Pn	Pn	Pn	02 42 01.4	-4.9
GUD	Guadarrama	3.72	229	Pn	Pn	Pn	02 41 20.3	-1.3
GUD	Guadarrama	3.72	229	Pn	Pn	Pn	02 42 01.4	-4.9
VIVF	Saint-Julien-I	4.08	63	ePn	Pn	Pn		

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

IGD 24 03:32:46.67.2, 4.49S, 153.46E, h123km, 55km, mb3.6/5, mb1.3/8.6, mb1mx3.7/14, MS2.8/1, Ms1 2.8/1, ms1mx2.4/13, Error ellipse: s-maj=56.3km s-min=24.9km az=84.0

NEIC 24 03:32:46.73.6, 4.53S, 153.47E, h120km, 25km, mb4.4/1, Error ellipse: s-maj=39.7km s-min=20.6km az=89.0

ISC 24 03:32:44.75.1, 4.55S, 0.2-153.5E, 0.3, h120km, 41km, n8, c050/9, mb3.8/6, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, etc.

NEIC 24 03:37:46.51.3, 19.36N, 145.54E, h122km, 12km, mb4.6/4, Error ellipse: s-maj=15.0km s-min=8.6km az=97.0

IGD 24 03:37:57.93.4, 19.30N, 145.37E, h227km, 32km, mb3.7/16, mb1.3/9.18, mb1mx3.8/26, Error ellipse: s-maj=19.0km s-min=10.6km az=94.0

ISC 24 03:37:45.21.3, 19.38N, 0.05-145.5E, 0.1, h123km, 12km, n3, c081/31, mb4.3/22, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARN Sarigan, CBJ Chichi jima, WRAB Tennant Creek, etc.

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

IGD 24 03:50:55.92.2, 1.99N, 96.83W, mb3.9/10, mb1.4/1.10, mb1mx3.9/19, MS3.8/6, Ms1 3.8/6, ms1mx3.4/20, Error ellipse: s-maj=61.7km s-min=20.2km az=36.0

NEIC 24 03:50:58.01.2, 2.00N, 96.76W, h10km, mb4.2/4, Error ellipse: s-maj=33.5km s-min=9.8km az=217.0

ISC 24 03:50:56.41.6, 2.0N, 0.3-96.8W, 0.2, h10km, n22, c082/19, mb3.9/14, MS3.8/6, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC El Rosal, SDV Santo Domingo, TXAR Lajitas Array, etc.

IGD 24 03:57:13.9, 2.87S, 78.47W, h12km, 3km, mb4.3, 6C-2D, Ecuador

Error ellipse: s-maj=9.8km s-min=3.2km az=177.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARRY Arroyan, PATTA Patacacha, IGUA Iguatela, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACR Cerro Adams, CNI Changuinola, DVA Dretromental, etc.

NEIC 24 04:08:05.7, 31.69S, 71.71W, h30km, ML3.6(GUC), After GUC

GUC 24 04:08:05.7, 0.8, 31.69S, 71.71W, h30km, 2km, MD3.9, ML3.6, 12C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILCH Illapel, CMCH Combarbalá, PACH Papudo, etc.

IGD 24 04:14:32.41.1, 21.11S, 68.90W, h104km, 14km, mb3.4/7, mb1.3/6.8, mb1mx3.5/15, Error ellipse: s-maj=22.3km s-min=15.5km az=86.0

ISC 24 04:13:19.0, 9.21, 16S, 0.09-68.9W, 0.1, h118km, 10km, n12, c050/12, mb3.7/7, Chile-Bolivia border region

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

IGD 24 04:20:02.7, 7.9, 19.91S, 175.86W, h159km, 73km, mb3.9/8, mb1.4/1.9, mb1mx3.8/17, Error ellipse: s-maj=39.7km s-min=21.2km az=158.0

NEIC 24 04:20:15.4, 3.4, 20.28S, 175.83W, h290km, 34km, mb4.5/4, Error ellipse: s-maj=23.6km s-min=15.8km az=168.0

ISC 24 04:20:12.0, 4.9, 20.25S, 0.2-175.9W, 0.2, h268km, 48km, n22, c087/12, mb4.1/13, 1D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Charters Tower, Port Moresby, etc.

IDD 24 04:22:20.8z, 26.0, 50.82S, 161.78E, mb4, 1/3, mb1 4.3/5, mb1mx4.0/10, ML3.9/2, MS3.5/4, Ms1 3.5/4, ms1mx2.9/16, Error ellipse: s-maj=532.0km s-min=34.1km az=168.0

ISC 24 04:22:18.4z, 51.5, 51.0S, 0.7x162.1E, 0.3, h10km, n10, o#598/10, mb4/0/3, MS3.5/2, Auckland Islands region

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

NEIC 24 04:21:27.4z, 2.2, 18.31S, 174.76W, h62km, 20km, mb4, 9/10, Error ellipse: s-maj=12.8km s-min=8.4km az=157.0

IDD 24 04:41:29.6z, 5.2, 18.37S, 174.75W, h81km, 46km, mb4, 1/17, mb1 4.3/18, mb1mx4.2/22, ML4.6/1, MS3.7/4, Ms1 3.7/4, ms1mx3.3/21, Error ellipse: s-maj=23.5km s-min=14.6km az=150.0

ISC 24 04:41:24.3z, 3.2, 18.36S, 0.10x174.81W, 0.08, h48km, 28km, n73, o1#06/37, mb4.5/24, MS3.7/4, 9C-SD,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG, KMB0, MALT, etc.

CASC 24 04:58:20.7z, 2.4, 13.26N, 90.39W, h24km, 7km, MD4.1, ML4.5, mb3.7(NEIC)

NEIC 24 04:58:25.5z, 1.4, 13.85N, 89.73W, h44km, 14km, mb3.7/1, Error ellipse: s-maj=34.4km s-min=10.2km az=219.0

IDD 24 04:58:31.4z, 5.5, 13.97N, 89.68W, h96km, 51km, mb3.4/5, mb1 3.5/8, mb1mx3.3/21, Error ellipse: s-maj=44.4km s-min=20.4km az=38.0

ISC 24 04:58:19.2z, 1.2, 13.16N, 0.06x90.41W, 0.03, h18km, 7km, n32, o#75/42, mb3.7/6, 8C-6D, Near coast of Guatemala

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

LFRS El Farolito 1.39 701 eP Pn 04 58 43.3 -0.6

LBRS La Brisas 1.45 661 eP Pn 04 58 44.7 0.0

BLM Bellamira 2.13 82 eP Pn 04 58 50.0 +0.5

ROSC El Rosal 17.88 116 P P 05 02 32.4 +3.4

ANMO Albuquerque 26.11 329 P P 05 03 54.0 +0.1

NVAR Mina Array Bea 35.30 321 P P 05 05 16.1 +0.8

ULM Lac du Bonnet 37.26 354 P P 05 05 28.2 -3.5

YKA Yellowknife Arr 52.20 346 P P 05 07 26.1 -4.9

CMAR Chiang Mai Arr 147.26 343 PKP P 05 18 01.9 -2.2

WAR 24 05:20:30.7z, 50.23N, 18.88E, h1km, Location given by Central Institute of Mining, origin time based upon OJC

PRU 24 05:20:30.8z, 50.28N, 18.83E

ISC 24 05:20:29.1z, 0.9, 50.25N, 0.09x18.78E, 0.05, n6, o#90/9, Poland region

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

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

MOS 24 05:31:44.1z, 0.0, 50.28S, 160.96E, h10km, mb5, 8/13, MS4.7/5, Error ellipse: s-maj=29.5km s-min=13.1km az=95.8

HRVD 24 05:31:48.3z, 0.6, 50.17S, 161.13E, h12km, MW5.3/49, Centroid moment tensor Solution. LP body waves: 191

ISC 24 05:31:43.3z, 1.8, 50.03S, 0.04x161.60E, 0.06, h10km, n10, h23km, 4.9km, pP-P, n414, o1#30/144, mb5.5/47, MS4.8/30, 22C-19D, North of Macquarie Island

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

LTZ Lake Taylor 10.33 50 P P 05 34 12.2 -2.4

TOO Toolangi 16.99 311 P P 05 35 44.3 +1.8

OMAH Omahuta 17.20 35 P P 05 35 45.5 +4.4

STKA Stephens Creek 23.47 313 eP P 05 36 55.8 +1.8

VNDA Vanda 27.60 180 P P 05 37 31.0 -1.2

VNDA Vanda 27.60 180 P P 05 37 31.1 -1.1

SBA Scott Base 28.00 178 eP P 05 37 35.2 -0.7

DZM Mt Dumac 28.16 101 eP P 05 37 40.8 +3.0

CTA Charters Tower 32.27 332 iP P 05 38 14.7 +0.4

CTA Charters Tower 32.27 332 P P 05 38 14.9 +0.7

CTA Charters Tower 32.27 332 eP P 05 38 14.4 +0.2

ASAR Alice Springs 34.04 310 P P 05 38 29.1 -0.5

ASAR Alice Springs 34.04 310 iP P 05 38 29.2 -0.4

NWAO Narrogin (SRO) 36.75 281 P P 05 38 51.3 -1.3

NWAO Narrogin (SRO) 36.75 281 eP P 05 38 51.9 -1.7

WBR Warramunga Arr 37.01 314 iP P 05 38 54.0 -0.9

WRA Warramunga Arr 37.01 314 P P 05 38 53.7 -1.2







Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OXF, INK, INK, ARSS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SCHQ, SCHQ, SCHQ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ETSF, LFF, MFF, etc.

Additional information and notes at the bottom right of the page, including a date and time stamp.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ2 Mitsune, JHJ Hachioji jima 2, JHJ2 Oshima 3, etc.

NEIC 24 08:44:02.9, 45.21S: 170.09E, h12km, ML3.9(WEL), After WEL.

NEIC Felt at Ranturly. WEL 24 08:44:02.2-0.1, 45.23S: 170.07E, h5km, ML3.9/6, 2C-3D, Error ellipse: s-maj=0.9km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODZ Otahua Downs, ODZ Otahua Downs, ODZ Otahua Downs, etc.

NEIC 24 09:49:05.8, 45.15S: 167.47E, h12km, After WEL.

WEL 24 09:49:06.0, 45.16S: 167.46E, h109km, 3km, ML4.0/11, 3C-4D, Error ellipse: s-maj=3.0km s-min=1.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, DCZ Mavora Lakes, DCZ Mavora Lakes, etc.

Table with columns: CAW, Cannon Point, 6.88 57 P, P, 09 50 41.4 -5.2, 09 50 41.4 -5.3. Includes station codes like SRI, SRI, SRI, etc.

DJA 24 10:01:21.2-0.8, 9.16S: 114.72E, h80km, MD4.7/4, ML4.0/4, 4C-4D, Error ellipse: s-maj=27.9km s-min=5.8km az=11.0, South of Ball

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, KAKA Kakadu, WBR Warramunga Arr, etc.

NEIC 24 10:19:06.2, 30.75S: 71.70W, h22km, ML3.9(GUC), After GUC.

GUC 24 10:19:06.2-0.9, 30.75S: 71.70W, h22km, 5km, MD3.7, ML3.9, 3C-2D, Near coast of central Chile

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

STR 24 10:22:03.7-0.1, 42.99N: 0.21E, h5km, 1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 24 10:22:03.8, 42.98N: 0.21E, h6km, ML2.7(LDG), ML2.5(STR), MN2.1(MDD), After LDG.

CSEM 24 10:22:03.9-0.0, 42.99N: 0.21E, h5km, ML2.8/10, Error ellipse: s-maj=0.9km s-min=0.8km az=177.0

MDD 24 10:22:04.0-0.2, 42.99N: 0.22E, h9km, 2km, mbLg2/20, Error ellipse: s-maj=1.4km s-min=1.4km az=126.0, PRXIMO

LDG 24 10:22:03.8-0.0, 42.98N: 0.21E, h6km, MD2.7/2, MI2.7/11, 1C-1D, Error ellipse: s-maj=0.9km s-min=0.7km az=4.0, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EPF Espumors, EPF Espumors, LAFB Labassere, etc.

Table with columns: CSOR, GOURBIT, 0.99 98 Pn, Pn, 10 22 21.6 -2.4, 10 22 23.6 -1.3, etc. Includes station codes like GRBF, SJPF, SJPF, etc.

IDC 24 10:23:58.7-0.6, 49.89S: 161.41E, mb4.5/9, mb1.4/6/11, mb1mx4.4/14, ML4.4/2, MS3.9/8, Ms1.3/9/8, ms1mx3.5/15, Error ellipse: s-maj=25.5km s-min=17.2km az=73.5

NEIC 24 10:24:04.8-0.4, 49.29S: 161.20E, h10km, mb4.7/9, Error ellipse: s-maj=8.5km s-min=4.6km az=165.0

ISC 24 10:23:59.3-0.4, 49.74S: 0.06:161.46E:0.07, h10km, n77, o131/65, mb4.6/12, MS3.9/7, 6C, North of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCQ Macquarie Isla, MCQ Macquarie Isla, WHZ Wether Hill Ro, etc.

24 Dec 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Urewra, Canberra Magne, Armadale, Stephens Creek, etc.

IDC 24 10:59:44.6.2.1, 46.45S:96.12E, mb3.9/6, mb1 4.0/6, mb1mx3.9/10, MS3.9/4, Mst 1.3/9, 4.1, Error ellipse: s-maj=47.1km s-min=34.2km az=92.0

NEIC 24 10:59:46.2.1.3, 46.47S:96.12E, h10km, mb4.3/1, Error ellipse: s-maj=29.9km s-min=19.6km az=100.0

ISC 24 10:59:44.0.1.7, 46.45S:0.296.0E, h10km, n10, c#030/9, mb3.9/7, MS3.6/5, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like NWAO Narrogin (SRO), STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 24 11:15:03.1.50.0, 44.04S:97.09E, mb3.5/3, mb1 3.8/3, mb1mx3.6/10, 1D, Error ellipse: s-maj=1182.0km s-min=52.2km az=24.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

IDC 24 11:21:00.2.60.0, 46.05S:94.79E, mb3.5/3, mb1 3.8/3, mb1mx3.6/10, 1D, Error ellipse: s-maj=1425.0km s-min=49.0km az=25.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SYO Syowa Base, ASAR Alice Springs, WRA Warramunga Arr, etc.

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, NWAO Narrogin (SRO), STKA Stephens Creek, etc.

IDC 24 11:30:43.1.1.0, 46.34S:95.81E, mb4.1/10, mb1 4.2/10, mb1mx4.2/11, MS4.3/1, Mst 1.4/3, 1, ms1mx3.5/6, Error ellipse: s-maj=35.1km s-min=21.0km az=121.0

NEIC 24 11:30:44.0.4, 46.35S:95.94E, h10km, mb4.7/8, Error ellipse: s-maj=12.0km s-min=5.3km az=134.0

BJI 24 11:29:22.3, 46.40S:96.00E, h10km, mb5.5, mb5.0, Ms5.3, Ms2.0

ISC 24 11:29:22.0.4.0, 46.40S:0.07.95.9E, 0.1, h10km, n58, c#083/47, mb4.7/28, MS4.8/3, 1C-4D, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like NWAO Narrogin (SRO), STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 24 11:30:43.1.1.0, 46.34S:95.81E, mb4.1/10, mb1 4.2/10, mb1mx4.2/11, MS4.3/1, Mst 1.4/3, 1, ms1mx3.5/6, Error ellipse: s-maj=35.1km s-min=21.0km az=121.0

NEIC 24 11:30:44.0.4, 46.35S:95.94E, h10km, mb4.7/8, Error ellipse: s-maj=12.0km s-min=5.3km az=134.0

ISC 24 11:30:43.1.0.5, 46.36S:0.10.95.9E, 0.1, h10km, n29, c#109/23, mb4.3/14, MS4.3/1, 1C-2D, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like NWAO Narrogin (SRO), STKA Stephens Creek, ASAR Alice Springs, etc.

570

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like MAW Mawson, STKA Stephens Creek, ASAR Alice Springs, etc.

NEIC 24 11:54:20.7.0.7, 46.41S:95.80E, h10km, Error ellipse: s-maj=36.2km s-min=13.1km az=132.0

IDC 24 11:54:19.2.1.1, 46.39S:95.80E, mb3.9/6, mb1 4.0/6, mb1mx3.8/11, MS3.9/2, Mst 1.3/9, 2, ms1mx3.5/16, Error ellipse: s-maj=51.5km s-min=19.5km az=130.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like NWAO Narrogin (SRO), MAW Mawson, ASAR Alice Springs, etc.

IDC 24 12:06:31.2.1.4, 49.72S:161.54E, mb3.7/4, mb1 4.0/6, mb1mx3.9/10, ML3.8/2, Error ellipse: s-maj=33.2km s-min=25.3km az=64.0

NEIC 24 12:06:37.4.0.7, 49.18S:161.31E, h10km, Error ellipse: s-maj=14.9km s-min=7.3km az=163.0

ISC 24 12:06:31.7.0.8, 49.75S:161.7E, 0.1, h10km, n33, c#138/44, mb3.6/4, North of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like WHZ Wether Hill Ro, WRA Warramunga Arr, ASAR Alice Springs, etc.

IGQ 24 12:44:42.7, 0.74N:80.90W, h12km, 20km, mb4.1, 1C-4D, Error ellipse: s-maj=19.3km s-min=15.0km az=26.1, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like JORI San Jorge I, PINO Pinar, CGGP Crater GGP, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Yellowknife Arr, Geres Array B, Snow King Moun, etc.

WAR 24 13:26:40.9, 51.54N-176.06E, h1km, ML2.7, Mining
Induced
PRU 24 13:26:40.8, 51.51N-176.06E
ISC 24 13:26:39.2, 51.5149N-0.07x175.98E-0.07, n9, e1F04/16, Poland

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

ORF 24 13:31:23.3, 17.79S-179.43E, h30km, mb5.6
SYO 24 13:32:16.5, 20.14S-178.64W, h600km, MB4.4
NEIC 24 13:32:17.9, 1.5, 20.25S-178.56W, h618km, 1.7km, mb4.4/28, Error ellipse: s-maj=10.5km s-min=-8.6km

BUI 24 13:32:17.0, 20.30S-178.60W, h619km, mb5.2, mb4.7
IDC 24 13:32:19.3, 1.5, 20.28S-178.65W, h627km, 1.7km, mb3.8/16, mb1.4/0.7, mt1mx3.9/19, Error ellipse: s-maj=15.2km s-min=10.0km az=154.0
ISC 24 13:32:15.7, 1.5, 20.38S-0.07x178.55W-0.07, h606km, 2.0km, n143, e098/78, mb4.4/6, 14C-7D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DZM Mont Dzumac, OUZ Omahuta, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MTUM Tungsten Hills, NVAR Mina Array, TPNV Topopah Spring, etc.

COLA College 88.20 13 ep P 13 44 02.6 -1.3
IMA Indian Moutai 88.20 10 ep P 13 44 03.0 -1.0
HIA Hailar 88.20 325 ep P 13 44 04.1 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like IMW Imvuk, HHC Hu-hao Meadow, etc.

MOOV Moose Ponds 88.95 42 ep P 13 44 08.2 +0.2
LHW Hollow 88.97 42 ep P 13 44 08.3 -0.1
BW06 Boulder Array 89.22 43 ep P 13 44 09.3 -0.1

PDAR Pinedale Array 89.22 43 ep P 13 44 09.7 +0.3
BOZ Bozeman (W) 89.35 40 ep P 13 44 10.0 +0.1
CM31 Chiang Mai Arr 89.59 290 ep P 13 44 12.8 +1.3

CMAR Chiang Mai Arr 89.59 290 ep P 13 44 12.8 +1.3
YAK Yakutsk 91.81 338 ep P 13 44 19.4 -1.3
INK Inuvik 94.29 15 ep P 13 44 30.7 -1.1
ULN Ulanbaatar 94.93 319 ep P 13 44 33.7 -1.5

SONM Songoing Array 95.32 319 ep P 13 44 36.8 -0.2
SONM Songoing Array 95.32 319 ep P 13 44 36.8 -0.2
SONM Songoing Array 95.32 319 ep P 13 44 36.8 -0.2

YKA Yellowknife Arr 96.21 25 ep P 13 43 36.1 -3.0
ZAL Zalesovo 110.09 321 PKiKP 13 43 38.6
CHKZ Chkalovo 118.47 321 epPKPdf 13 49 54.5 -0.7

BRVK Borovoye 118.72 320 epPKPdf 13 49 55.3 -0.4
ARU Arti 124.81 325 epPKPdf 13 50 07.7 +0.4
ARCES ARCESS Array B 128.71 349 PKP 13 50 15.4 +0.9

FINES FINES Array B 135.51 343 PKiKP 13 50 14.4
FINES FINES Array B 135.51 343 PKP 13 50 27.8 +0.4
N2 NORSAR Subarray138.0 353 PKP 13 50 24.6 -8.8

NB2 NORSAR Subarray138.0 353 PKP 13 50 24.6 -8.8
NOA NORSAR Array F 138.0 353 PKiKP 13 50 26.6
NOA NORSAR Array F 138.0 353 PKP 13 50 35.6 +2.2

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EIL Elat, CSS Prodhromos, VYHS Vyhne, etc.

MEZF Maizieres J'vi 151.79 355 epPKP 13 51 03.2 +8.0
LDL La Druitiere 151.79 355 epPKP 13 51 02.8 +7.3
WATA Watarrim 151.88 346 PKP 13 51 03.3 +7.9

WMTA Wattenberg 151.93 345 PKP 13 51 03.9 +8.4
WOTA Motalam 151.98 346 PKP 13 51 04.1 +8.6
GRR Gorron 151.99 3 epPKP1 13 51 03.3 +7.8

SOTA Santa Quira 152.07 346 PKP 13 51 04.0 +8.4
HAU Haudompre 152.15 353 epPKP1 13 51 03.6 +7.9
HNF Hinterfeld 152.28 352 epPKP1 13 51 03.7 +8.8

DAVOS Davos 152.78 347 PKP 13 50 58.4 +1.7
DAVOS Davos 152.78 347 PKP 13 50 58.4 +1.7
DAVOS Davos 152.78 347 PKP 13 50 58.4 +1.7

HRVD 24 13:39:43.8, 0.0, 20.21S-178.55W, h621km, 2km, MW5.759, Azimuth centroid Tensor Solution, LP body waves: s59, c102, Mantle waves: s48, c67; Half duration: 1x8
Moment tensor: Scale 10^17Nm, Mr=0.94e09; Mw=1.70e12, Mw-0.87e12, Mw-3.87e12; Mw-0.96e11; Ms=2.22e12; Best double couple: M4.74x10^17 NPK1; q=321, 820, 14-14, NP2=65, 885, 14-110; Principal axes: T 4.56, P1g37, Azm172; N 4.6, P1g20, Azm67; P -5.02, P1g46, Azm314; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

BUI 24 13:39:43.8, 20.40S-178.70W, h614km, mb5.4, mb5.4
SYO 24 13:39:44.1, 20.36S-178.75W, h620km, MB5.2
MOS 24 13:39:47.4, 3.0, 19.25S-179.82W, h612km, mb5.4/6, Error ellipse: s-maj=34.7km s-min=15.2km az=111.9

BGS 24 13:39:47.6, 2.5, 20.36S-178.75W, h620km
ISC 24 13:39:42.4, 0.7, 20.45S-0.04x178.67W-0.03, h109km, mb5.2, 7.7km, P1g37, P1g37, P1g42, e1F04/330, mb5.2/12, 67C-63D, Fiji Islands region

DZM Mont Dzumac 13.97 261 ep P 13 42 42.7 +2.2
DZM Mont Dzumac 14.10 260 ep P 13 45 10.3 +7.0
OUZ Omahuta 16.22 201 ep S 13 42 43.5 +1.8

OUZ Omahuta 16.22 203 ep S 13 43 06.3 +4.4
OUZ Omahuta 16.22 203 ep S 13 43 06.3 +4.4
WUZ Waipua Caves 16.61 200 ep P 13 43 09.7 +4.2

KUZ Kuatounga 16.96 196 ep P 13 43 17.1 +2.9
KUZ Kuatounga 16.96 196 ep P 13 43 17.1 +2.9
MTAZ Motatapu 17.22 198 ep P 13 43 14.9 +3.7

OTAZ Otara 17.37 197 ep P 13 43 16.2 +3.6
OTAZ Otara 17.37 197 ep P 13 43 16.2 +3.6
MKAZ Moumakai 17.45 197 ep P 13 43 16.6 +3.2

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



Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like MRZ Mangatainoka R, KIWI Kapiti Island, and various other regional stations.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like VVND Vanda, VVND Vanda, and various other regional stations.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like PTPNV Topopah Spring, HBO Huckleberry Mo, and various other regional stations.

24d 13h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kunming, Red Top Meadow, Snow King Moun, etc.

2004 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YKA, YKFA, Kansas State U, etc.

574

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

ZFRI	Zfri	147.94 295	P	PKPdf	13 58 21.8 +5.8
MORC	Moravsky Berou	148.02 340	ePKPdf	PKPdf	13 58 16.6 +1.2
MORC			ePKPbc	PKPdf	13 58 20.8 +5.3
MORC			ePKPab	PKPab	13 58 25.9 -1.3
BRG	Berggiesshubel	148.05 345	i	PKHPK	13 58 17.0
BRG			i		13 58 21.5
BRG			i		13 58 25.5
BRG			i		14 00 41.5
BRG	comp=Z,139nm,1.1s		pmax	pmax	
BRG	Berggiesshubel	148.05 345	i	PKPdf	13 58 17.0 +1.5
BRG			i		13 58 21.5
BRG			i		13 58 25.5
BRG			i		14 00 41.5
BRG			i		14 08 39.9
BRG			i		14 10 55.1
KECS	Kecovo	148.06 336	e	PKPdf	13 58 21.3 +5.7
KECS			e		13 58 26.3
LIKS	Likavka	148.11 338	e	PKPdf	13 58 22.1 +6.5
LIKS			e		13 58 27.5
PRNI	Paran	148.12 294	P	PKPdf	13 58 23.3 +6.0
SNX	Sinaia	148.15 327	P	PKPdf	13 58 22.2 +6.4
AQBJ	Agaba	148.25 300	P	PKPdf	13 58 23.9 +5.9
MASH	Mash'abbe Sade	148.21 396	P	PKPdf	13 58 22.1 +5.7
PVCC	Panska Ves	148.21 344	ePKPDF	PKPdf	13 58 17.6 +1.9
PVCC			ePKPB	PKPdf	13 58 21.9 +6.2
PVCC			ePKP	PKPdf	14 00 41.6
HTR	Trewern Hill	148.23	5i	AMB	13 58 21.0 +5.3
HTR			AMB		13 58 23.5
WTSB	Winterswijk	148.25 354	ePKP	PKPdf	13 58 20.9 +5.1
Eilat	Eilat	148.28 294	P	PKPdf	13 58 18.1 +1.5
EIL	comp=Z,32nm,1.1s,baz=270,slow=9,SNR=2.9		PKPbc	PKPdf	13 58 22.5 +5.9
EIL	comp=Z,50nm,0.9s,baz=14,slow=3.9,SNR=35		PKPbc	PKPab	13 58 28.9 -0.1
EIL	comp=Z,72nm,1.1s,baz=144,slow=8.0,SNR=13		PKPbc	PKPab	14 00 42.1
EIL	comp=Z,6.5nm,1.0s,baz=201,slow=1.7,SNR=1.9		PKPbc	PKPab	13 58 22.6 +6.1
EIL	Eilat	148.28 294	P	PKPdf	13 58 22.2 +5.8
EIL	Eilat	148.28 294	P	PKPdf	13 58 28.2 -0.8
MBH	Mount Berech	148.29 294	P	PKPdf	14 00 42.1
HAE	Alders End	148.33	5i	AMB	13 58 21.1 +5.2
HAE			AMB		13 58 24.1
MCH1	Michaelchroch	148.33	5i	AMB	13 58 20.9 +5.1
CSS	Prodhromos	148.35 304	ePKPbc	PKPdf	13 58 21.9 +5.4
MAMC	Mammari	148.37 304	P	PKPdf	13 58 22.6 +6.1
KZIT	Kziot	148.54 296	P	PKPdf	13 58 23.0 +6.2
VYHS	Vyhne	148.67 337	e	PKPdf	13 58 23.0 +6.5
VYHS			e		13 58 29.3
VYHS			e		14 00 40.3
HGH	Gray Hill	148.71	5i	AMB	13 58 21.8 +5.4
HGH	comp=Z,227nm,1.6s		AMB		13 58 24.7
PRU	Pruhonic	148.71 343	ePKPDF	PKPdf	13 58 18.3 +1.8
PRU			ePKPB	PKPab	13 58 22.6
PRU			ePKPab	PKPab	13 58 28.8 -1.3
PRU			ePKPbc	PKPab	13 58 40.2 +6.7
VRAC	Vranov	148.73 341	ePKPbc	PKPab	13 58 29.6 -0.6
VRAC	comp=Z,43nm,1.0s,baz=34,slow=3.3,SNR=30		PKPbc	PKPab	14 00 41.4
VRAC	comp=Z,56nm,1.1s,baz=19,slow=4.8,SNR=18		PKPbc	PKPab	
VRAC	comp=Z,4.8nm,0.9s,baz=83,slow=10,SNR=2.5		PKPbc	PKPab	
VRAC	Vranov	148.73 341	P	PKPdf	13 58 22.8 +6.2
PSZ	Piszkesteto	148.75 336	i	PKPdf	13 58 23.0 +6.3
SZAC	Souni-Zanaja	148.77 304	i	PKPdf	13 58 23.4 +6.3
SZAC	Souni-Zanaja	148.77 304	i	PKPdf	13 58 23.4 +6.3
MOX	Moxa	148.79 347	ePKHPK	PKPdf	13 58 18.0
MOX			pmax	pmax	13 58 22.5
MOX	Moxa	148.79 347	i	PKPdf	13 58 18.0 +1.4
MOX			PP2		13 58 22.2
ALFC	Alevga	148.85 305	i	PKPdf	13 58 23.4 +6.2
ALFC	Alevga	148.85 305	i	PKPdf	13 58 23.4 +6.2
NKC	Novy Kostel	149.00 346	ePKPDF	PKPdf	13 58 19.2 +2.2
NKC			ePKPab	PKPab	13 58 29.7 -1.6
NKC			ePKP	PKPab	14 00 46.1
AKMC	Akamias	149.10 305	i	PKPdf	13 58 23.6 +6.0
AKMC	Akamias	149.10 305	i	PKPdf	13 58 23.6 +6.0
PPCY	Paphos	149.14 304	P	PKPdf	13 58 23.6 +5.9
SMOL	Smolenice	149.15 339	ePKP	PKPdf	13 58 24.7 +7.5
SMOL			e		13 58 26.2
ULDT	Uludag	149.19 316	P	PKPdf	13 58 23.7 +6.1
SRO	Srobarova	149.44 337	ePKP	PKPdf	13 58 24.5 +6.8
SRO			e		13 58 32.4
SRO2	Moca	149.45 337	ePKP	PKPdf	13 58 24.6 +6.8
SRO2			e		13 58 32.5
SRO2	Iza	149.51 337	ePKP	PKPdf	13 58 25.1 +7.2
SRO1			e		13 58 33.0
HGN	Heimangroev	149.53 354	ePKP	PKPdf	13 58 24.4 +6.6
HGN			x		13 58 31.6
ZST	Bratislava	149.53 339	e	PKPdf	13 58 31.6 +7.0
ZST			e		13 58 32.9
SBD	Saint Breward	149.57	8i	PKPdf	13 58 18.9 +1.0
KHC	Kasperske Hory	149.75 344	ePKPDF	PKPdf	13 58 19.7 +1.5
KHC			ePKPB	PKPab	13 58 25.4
KHC			ePKPab	PKPab	13 58 33.1 -1.3
KHC			ePKP	PKPab	14 00 46.5
GRF	Grafenberg Arr	149.77 347	ePKP2	PKPab	13 58 32.6 -1.9
GRF	Grafenberg Arr	149.77 347	ePKP	PKPab	13 58 25.3 +7.1
GRF			ePKP	PKPab	13 58 32.6 -1.9
WET	Wetzell	149.91 345	ePKHPK	PKPab	13 58 25.8
WET			ePKP	PKPab	13 58 32.7 -1.4
GERE3	GERESS Array S	149.98 344	ePKHPK	PKPab	13 58 20.0 +1.5
GERE3	GERESS Array B	149.98 344	ePKHPK	PKPab	13 58 20.0 +1.5
GERE3	comp=Z,4.7nm,0.7s,slow=1.3,SNR=5.7		PKPbc	PKPab	13 58 25.8 +7.3
GERE3	comp=Z,32nm,0.8s,baz=45,slow=1.9,SNR=56		PKPbc	PKPab	13 58 34.5 -0.9
GERE3	comp=Z,16nm,0.9s,baz=14,slow=5.5,SNR=9.9		PKPbc	PKPab	14 00 48.1
GERE3	comp=Z,4.3nm,0.8s,baz=90,slow=2.7,SNR=2.8		PKPbc	PKPab	14 07 10.1 +6.3
GERE3	comp=Z,1.1nm,0.5s,baz=55,slow=16,SNR=3.5		PKPbc	PKPab	13 58 20.0 +1.5
GERE3	GERESS Array B	149.98 344	ePKP	PKPdf	13 58 20.0 +1.5
GERE3			ePKPbc	PKPab	13 58 25.8 +7.3
GERE3			ePKPab	PKPab	13 58 34.5 -0.8
GERE3			ePKP	PKPab	14 00 48.1
GERE3			ePKP	PKPab	14 07 10.1 +6.3
BTOK	Tokmak	150.11 316	i	PKPdf	13 58 20.8 +1.8
SART	Tekirdag	150.14 318	P	PKPdf	13 58 24.9 +5.9
SOP	Sopron	150.16 339	ePKP/F	PKPdf	13 58 26.7 +7.9
KEC2	Kecel	150.19 335	i	PKPdf	13 58 27.7 +7.4
KEC2			e		13 58 32.7 +7.4
ABH	Alteburg	150.22 352	ePKP	PKPab	13 58 37.6 +1.3
ABH	Alteburg	150.22 352	ePKP	PKPab	13 58 37.6 +1.3
GIVF	Givet	150.28 355	ePKHPK	PKPab	13 58 21.0 +2.0
TOD	Tromm	150.30 350	e	PKPdf	13 58 26.1 +7.1
TOD			e		13 58 36.6 -0.1
BAUF	Baives	150.37 356	ePKHPK	PKPab	13 58 21.3 +2.2
MANT	Manisa	150.41 313	i	PKPdf	13 58 26.9 +7.4
SIND	Sindeldorf	150.41 349	e	PKPdf	13 58 26.2 +7.0
SWS	Schriesheim	150.44 350	e	PKPdf	13 58 26.3 +7.1
RUP	Ruppelstein	150.46 352	ePKP	PKPab	13 58 26.8 +7.5
RUP			ePKP	PKPab	13 58 37.5 +0.2
DNZL	Katroluk	150.46 312	i	PKPdf	13 58 27.7 +7.6
PKNS	Tamasi	150.48 336	i	PKPdf	13 58 26.7 +7.3
WLF	Walferdange	150.60 354	ePKPbc	PKPab	13 58 27.1 +7.6
PKSM	Moragy	150.65 335	e	PKPdf	13 58 20.9 +1.2
PKSM			e		13 58 27.2
KALIT	Kalmit	150.69 351	e	PKPdf	13 58 27.2 +7.6
KALIT			e		13 58 37.3 -1.0
MTO	Mollin	150.73 342	i	PKPdf	13 58 20.5 +0.8
PGB	Panagyurishte	150.77 324	i	PKPdf	13 58 27.0 +7.0
ARSA	Arzberg	150.86 340	i	PKPdf	13 58 21.6 +1.6
BK1K	Bakonya	150.97 336	e	PKPdf	13 58 27.1 +7.6
RHK1			e		13 58 27.7 +1.6
BE0	Belgrade	150.99 331	i	PKPdf	13 58 27.1 +6.9
RZN	Rozen	151.02 322	i	PKPdf	13 58 28.0 +7.6
BOLS	Bojavec	151.02 328	i	PKPdf	13 58 20.9 +0.6
HDH	Heidenheim	151.03 348	e	PKPdf	13 58 27.7 +7.5
STU	Stuttgart	151.04 349	ePKP	PKPdf	13 58 27.1 +7.7
STU			ePKPbc	PKPdf	13 58 27.9 +7.7

STU	Langenberg	151.06 351	ePKPab	PKPab	13 58 38.3 -1.5
LNF	Furstenfeldbru	151.21 346	ePKHPK	PKPab	13 58 38.2 -1.7
LBG	Lenchenberg	151.22 350	e	PKPdf	13 58 28.3 +7.9
VTS	Vitoshka	151.26 325	i	PKPdf	13 58 28.8 +9.1
WTF	Witton	151.26 325	i	PKPdf	13 58 28.8 +9.1
BUCH	Bad Urach	151.33 349	e	PKPdf	13 58 28.8 +8.2
KDAG	Bornova	151.33 314	i	PKPdf	13 58 27.9 +7.0
STR	Strasbourg	151.46 351	ePKP	PKPab	13 58 39.6 +2.0
PERS	Pernice	151.55 340	ePKPbc	PKPdf	13 58 28.6 +7.6
GRUS	Gruzza	151.58 330	i	PKPdf	13 58 21.7 +0.6
WLF	Wolk Forest	151.58 330	ePKHPK	PKPab	13 58 28.9 +7.9
MMB	Musomiste	151.65 323	i	PKPdf	13 58 29.0 +7.8
WLS	Weinsbruch	151.68 352	ePKP	PKPab	13 58 39.7 -2.8
KBA	Koelnbreinsper	151.69 343	i	PKPdf	13 58 29.4 +2.3
GDF	Champ du Feu	151.69 352	ePKHPK	PKPdf	13 58 29.3 +2.2
FLI	Flotiere	151.71	3	PKHPK	13 58 23.1 +2.0
CUT	Gutenstein	151.73 349	e	PKPdf	13 58 28.9 +7.7
DIVS	Divcibare	151.76 331	i	PKPdf	13 58 22.5 +1.2
SPAS	Spaichingen	151.76 349	e	PKPdf	13 58 29.3 +8.1
KKB	Krupnik	151.82 324	i	PKPdf	13 58 29.5 +8.0
OKBA	Obir	151.84 340	i	PKPdf	13 58 23.1 +1.7
BEZF	Matizeres J'vi	151.85 356	ePKHPK	PKPab	13 58 29.5 +2.6
LDF	La Drutriere	151.90	2	PKHPK	13 58 23.2 +1.8
LDF	comp=Z,61nm,1.1s				
ECH	Echery	151.90 352	ePKP	PKPab	13 58 40.0 -3.4
LBH	Limbürg	151.90 351	ePKP	PKPab	13 58 40.2 -3.2
WAT	Wattenberg	151.91 345	i	PKPdf	13 58 23.0 +1.9
ROSF	Roostren	151.93	5	PKHPK	13 58 23.0 +1.6
WTTA	Wattenberg	151.97 345	i	PKPdf	13 58 23.2 +1.7
MOTA	Moosalm	152.02 346	i	PKPdf	13 58 23.1 +1.5
SRS	Serrai	152.03 322	e	PKPdf	13 58 29.8 +0.0
THER	They Montfort	152.03 353	ePKP	PKPab	13 58 40.7 -3.3
KIZ	Kirschhorn	152.04 351	e	PKPdf	13 58 23.5 +2.7
GROR	Goron	152.07	3	PKHPK	13 58 23.8 +2.2
SGMF	Saint Gilles	152.08	6	PKHPK	13 58 23.3 +1.7
FELD	Feldberg	152.11 350	e	PKPdf	13 58 30.3 +8.6
FELD			e		13 58 39.4 -4.9
SQRT	Sankt Quirin	152.11 346	i	PKP	13 58 23.3 +1.6
CRES	Cresneyj	152.15 339	i	PKPdf	13 58 23.1 +1.5
HAU	Haudompre	152.21 353	ePKHPK	PKPdf	13 58 24.1 +2.3
MOF	Molkenrain	152.26 352	ePKP	PKPab	13 58 40.4 -4.6
LJU	Ljubljana	152.27 340	ePKPbc	PKPab	13 58 33.0 +2.1
LJU			ePKPab	PKPab	14 00 52.9
FVI	Forni Avoltri	152.29 343	ePKP	PKPab	13 58 30.2 +8.3
PTCC	Patocco-Chiusa	152.30 342	ePKP	PKPab	13 58 23.2 +1.2
HITC	Hinteralfeld	152.33 352	ePKHPK	PKPab	13 58 24.2 +2.2
HITC	comp=Z,3nm,0.9s				
DOVA	Damuels	152.34 347	i	PKPdf	13 58 24.4 +2.4
SAH	Sokhos	152.36 322	e	PKPdf	13 58 30.8 +8.5
KNT	Kendrikon	152.40 323	e	PKPdf	13 58 30.4 +8.1
GMNA	Gemona	152.45 342	ePKP	PKPab	13 58 23.2 +1.0
VOY	Vojsko	152.48 341	ePKP	PKPab	13 58 23.2 +1.1
VOY			ePKPbc	PKPab	13 58 20.2 +8.0
BOJS	Bojanc	152.50 339	ePKP	PKPab	13 58 24.3 +2.0
BOJS			ePKPbc	PKPab	13 5

24d 13h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SSE Sheshan, HOPS Hopland, NJ2 Nanjing, etc.

2004 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SONM Songino Array, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

576

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like UPC Upipe, UPC Upipe, UPC Upipe, etc.

comp=Z,4.6nm,0.6s,baz=166,slow=4.4,SNR=11

NEIC 24 13:52:59.0+1.5, 20.36Sx178.37W, h600km, mb4.2/1, Error ellipse: s-maj=79.3km s-min=18.7km az=157.0

ICC 24 13:53:04.5+3.1, 20.10Sx178.78W, h646km, mb3.5/5, mb1 3.7/5, mb1mx3.3/15, Error ellipse: s-maj=78.8km

ISC 24 13:53:07.7+3.7, 20.25S+7.178.7W, 0.4, h648km, 42km, n13, <0&82/8, mb4.1/5, Fijl Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include Charters Tower, Port Moresby, Alice Springs, Warramunga Arr, Kakadu, etc.

NEIC 24 14:02:09.4+0.0, 20.26Sx178.56W, h586km, 47km, mb4.2/4, Error ellipse: s-maj=28.6km s-min=18.7km az=212.0

ICC 24 14:02:11.9+4.4, 20.22Sx178.60W, h615km, 54km, mb3.2/11, mb1 3.4/12, mb1mx3.3/17, Error ellipse: s-maj=28.4km s-min=20.8km az=43.0

ISC 24 14:02:09.4+0.7, 20.35S+0.1x178.6W, 0.1, h600km, n26, <0&82/20, mb3.9/13, Fijl Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include Urewera, Rata Peaks, Charters Tower, Port Moresby, Alice Springs, Warramunga Arr, Kakadu, etc.

ICC 24 14:03:00.5+4.3, 20.24Sx178.55W, h580km, 49km, mb3.3/8, mb1 3.6/9, mb1mx3.4/17, Error ellipse: s-maj=28.3km

NEIC 24 14:03:00.8+3.5, 20.29Sx178.58W, h588km, 39km, mb4.3/6, Error ellipse: s-maj=25.3km s-min=15.9km az=224.0

ISC 24 14:02:57.3+4.9, 20.35S+0.2x178.6W, 0.2, h551km, 61km, n27, <0&87/16, mb3.9/11, Fijl Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include Urewera, Charters Tower, Port Moresby, Alice Springs, Warramunga Arr, Kakadu, etc.

ICC 24 14:09:17.7+5.3, 4.85Sx153.89E, h118km, 44km, mb3.8/10, 14.4/0.11, mb1mx3.9/15, MS3.1/2, Ms1 3.1/2, ms1mx2.8/20, Error ellipse: s-maj=38.9km s-min=20.8km az=98.0

NEIC 24 14:09:18.6+2.7, 4.86Sx153.84E, h127km, 22km, mb4.6/4, Error ellipse: s-maj=25.7km s-min=13.1km az=108.0

BUI 24 14:09:18.6+4.9, 4.90Sx153.80E, h126km, mb4.6

ISC 24 14:09:17.0+3.8, 4.95S+0.2, h124km, 30km, n27, <0&68/29, mb4.3/20, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include Port Moresby, Kakadu, Warramunga Arr, etc.

NEIC 24 14:12:13.8+2.0, 20.34Sx178.59W, h612km, 29km, mb4.5/5, Error ellipse: s-maj=18.8km s-min=15.2km az=215.0

ICC 24 14:12:16.4+2.3, 20.28Sx178.74W, h636km, 26km, mb3.3/13, mb1 3.5/14, mb1mx3.4/18, Error ellipse: s-maj=20.8km s-min=13.1km az=157.0

ISC 24 14:12:13.8+2.0, 20.40S+0.1x178.7W, 0.1, h624km, 27km, n34, <0&95/27, mb4.0/16, Fijl Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include DZM, Urewera, Charters Tower, Port Moresby, Alice Springs, Warramunga Arr, Kakadu, etc.

ICC 24 14:20:23.2+2.0, 20.56Sx178.59W, h634km, 24km, mb3.7/17, mb1 3.8/18, mb1mx3.7/22, Error ellipse: s-maj=15.2km s-min=11.4km az=141.0

NEIC 24 14:20:25.4+1.7, 20.50Sx178.67W, h657km, 20km, mb4.5/9, Error ellipse: s-maj=16.1km s-min=11.6km az=173.0

ISC 24 14:20:23.2+2.0, 20.65S+0.1, 178.68W, 0.10, h645km, 27km, n59, <0&92/35, mb4.2/24, Fijl Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include DZM, Urewera, etc.

Table with columns: URZ, RPZ, CTA, Charters Tower, PMG, STKA, ASAR, WRA, ILAR, BVAR, ARCES, FINES, AKASG, BRTR, CLL, COLM, DAVOX, etc. Rows include various station codes and names.

MAN 24 14:22:49.9, 4.89Nx126.84E, h47km, mb4.8, ML3.7, MS3.8

ICC 24 14:22:53.7+7.0, 4.99Nx126.83E, h86km, 64km, mb4.0/15, mb4.1/15, mb1mx4.1/21, MS3.1/1, Ms1 3.1/1, ms1mx2.7/25, Error ellipse: s-maj=31.9km s-min=14.1km az=74.0

BUI 24 14:22:56.4, 4.90Nx128.80E, h116km, mb5.1, mb4.5

NEIC 24 14:22:56.6+2.8, 4.95Nx126.78E, h117km, 26km, mb4.7/15, Error ellipse: s-maj=14.1km s-min=9.9km az=77.0

ISC 24 14:22:52.0+2.0, 4.98N+0.15, 126.70E, 0.10, h89km, 7km, n53, <0&85/55, mb4.4/36, ID, Talud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include MATI, CLP, KCP, BIPH, MUSAN, CPT, BAGK, SCPH, IPIL, MSLP, ENH, FITZ, WRAB, MBWA, ASAR, DAVOX, etc.



24h 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJL Beijing, NWAO Narrogin (SRO), STKA Stephens Creek, etc.

IDC 24 14:29:23.1±0.8, 49.56S; 162.55E, mb4.7/9, mb1 4.8/11, mb1mx4.7/13, ML4.5/2, MS4.4/8, Ms1 4.4/8, ms1mx3.8/17, Error ellipse: s-maj=38.3km s-min=18.2km az=69.0

NEIC 24 14:29:28.0±0.4, 49.59S; 161.54E, h102km, mb4.8/15, Error ellipse: s-maj=13.2km s-min=5.2km az=163.0

ISC 24 14:29:25.6±0.4, 49.73S; 0.06±161.71E±0.06, h106km, n89, s=147/81, mb4.7/11, MS3.6, SC-2D, North of Macquarie

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHZ Wether Hill Ro, WZV Waitaha Valley, STKA Stephens Creek, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR comp=Z,344nm,18.1s,MS4.1,baz=148,slow=37, ASPA Alice Springs, NWAO Narrogin (SRO), etc.

IDC 24 14:39:33.0±0.6, 5.20, 175S; 178.57W, h590km, 80km, mb3.1/8, mb1 3.2/9, mb1mx3.1/17, Error ellipse: s-maj=37.5km s-min=23.9km az=52.0

NEIC 24 14:39:35.6±0.0, 20.20S; 178.53W, h638km, 71km, mb4.0/1, Error ellipse: s-maj=45.4km s-min=26.1km az=47.0

ISC 24 14:39:32.4±1.3, 20.23S; 0.2±178.6W±0.2, h600km, n15, s=65/71, mb3.7/9, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, PMG Port Moresby, etc.

BUI 24 14:40:28.6, 27.15N; 103.72E, h166km, ML3.1, Ms3.7, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMI Kunming, GYA Guiyang, CD2 Chengdu, etc.

NEIC 24 14:43:56.9, 18.04N; 100.65W, h60km, MD3.5(MEX), After MEX.

578

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MEX 24 14:43:56.9±0.4, 18.04N; 100.65W, h60km, 13km, MD3.5, Guerrero

NEIC 24 14:53:41.9, 34.01S; 70.59W, h102km, MD3.3(GUC), After GUC.

GUC 24 14:53:41.9±0.7, 34.01S; 70.59W, h102km, 2km, MD3.3, ML3.5, 10C-11B, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHCH Chadas Angosto, CACH El Canelo, ANTU Antupapu, etc.

NEIC 24 15:19:25.7±0.4, 3.04N; 125.94E, h71km, 39km, mb4.4/4, Error ellipse: s-maj=27.0km s-min=9.2km az=81.0

IDC 24 15:19:26.5±0.3, 2.99N; 125.81E, h81km, 25km, mb4.0/11, mb1 4.1/11, mb1mx3.9/19, Error ellipse: s-maj=49.3km s-min=11.9km az=76.0

ISC 24 15:19:20.6±2.9, 3.04N; 0.07±125.8E±0.2, h39km, 25km, n22, s=67/75, mb4.3/15, 1C, Talaud Islands

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









Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like PERS, CRIB, DMUB, KBA, BOUS, etc.

LDG 24 19:39:02.0, 18.965x166.62E, h10km, Mb4.6/2, Error ellipse: s-maj=36.9km s-min=3.8km az=86.0

LDG 24 19:39:03.0, 6.19.085x167.77E, h31km, mb4.2k, Mb2/12, mb1 4.4/12, mb1mx3.4/16, Error ellipse: s-maj=45m, s-min=14.5km az=150.0

NEIC 24 19:39:03.2, 0.3, 19.135x167.77E, mb4.7/16, Error ellipse: s-maj=9.3km s-min=6.4km az=145.0

ISC 24 19:39:01.6, 0.4, 19.185x0.06x167.68E, h32km, h32km, h32km, 3km; p-P, n15, o=683/17, mb3.9/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like QSPA, ENH, BJT, CMAR, etc.

CSEM 24 19:39:16.4, 66.26N, 16.72W, h10km, ML3.3, After REY, Iceland region

NEIC 24 19:46:58.7, 0.8, 19.325x167.84E, mb3.8/1, Error ellipse: s-maj=21.0km s-min=12.2km az=129.0

LDG 24 19:46:59.2, 1.3, 19.065x167.77E, h32km, 5km, mb3.8/8, mb1 4.0/8, mb1mx3.8/14, Error ellipse: s-maj=68.7km, s-min=16.1km az=154.0

ISC 24 19:46:56.4, 4.7, 19.225x0.08x167.7E, 0.2, h25km, 33km, h31km, 1.2km; p-P, n15, o=683/17, mb3.9/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CTA, STKA, WRA, ASAR, etc.

LDG 24 20:14:1.4, 3.0, 6.49.265x161.48E, mb4.6/8, mb1 4.8/10, mb1mx4.6/12, ML4.4/2, MS4.4/9, M1 4.4/9, sm1mx4.0/16, Error ellipse: s-maj=25.1km s-min=16.5km az=75.0

NEIC 24 20:14:2.0, 7.0, 3.48.635x161.29E, h10km, mb4.8/10, Error ellipse: s-maj=7.2km s-min=4.6km az=161.0

MOS 24 20:14:23.0, 1.8, 50.425x156.55E, h10km, mb5.6/1, Error ellipse: s-maj=90.7km s-min=23.5km az=102.9

ISC 24 20:14:15.0, 0.4, 49.105x0.06x165.5E, 0.06, h10km, n92, 1x28/65, mb4.8/15, MS4.4/9, 9C-4D, North of Macquarie Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like WHZ, WHZ, WHZ, etc.









Table with columns: CBU, Chichi jima, 31.78 32 P, 22 56 55.5 -1.5, etc. Lists various stations and their coordinates and frequencies.

Table with columns: MOY, Mondy, 54.72 343 eP, 23 00 00.3 +0.1, etc. Lists various stations and their coordinates and frequencies.

Table with columns: HFS, Hagfors, 99.74 332 P, 23 04 10.7 -1.3, etc. Lists various stations and their coordinates and frequencies.

Table with columns: STKA, Stephens Creek, 23.24 313 P, 23 27 49.6 +3.2, etc.

DJA 24:23:54.43.5.1.1, 7.52S, 108.90E, h288km, 12km, mb5.6/4, Error ellipse: s-maj=139.2km s-min=7.5km az=17.0

Main table with columns: Code, Station Name, Delta Az, Phase ID, Time Res, etc.

Main table with columns: STA, Gaotai, 46.63 350, 00 02 52.5 +2.2, etc.

Main table with columns: LBTB, Lobatse, 81.46 246 eP, 00 06 37.1 +1.0, etc.

IDC 25 00:14:00.6.3.9, 48.30S x 163.32E, mb4.1/2, mb1 4/4, 2, mb1mx3.7/8, Error ellipse: s-maj=604.0km

Main table with columns: Code, Station Name, Delta Az, Phase ID, Time Res, etc.

HEL 25 00:29:52.8.0.1, 67.85N-20.19E, ML2.6(UPP), Explosion CSEM 25 00:29:52.0.3.67.78N-20.03E, h2km, ML2.5, Error ellipse: s-maj=11.0km s-min=9.1km az=30.0, Mining



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Kuril'sk, Nemuro 2, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Baijiautu, Hu-ho-hao-te, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Malin Array Be, Grafenberg Arr, and various other locations.

CMAR Chiang Mai Arr 87.99 302 P P 03 00 02.5 +1.7
ARCES ARCESS Array B 151.87 329 PKPbc PKPdf 03 07 03.6 +4.3
FINES FINESS Array B 153.39 312 PKPbc PKPdf 03 07 10.2 +8.5

FUNV 25 02:57:30.4, 10.28N:62.03W, h22km, MW2.7
TRN 25 02:57:32.4, 10.40N:61.96W, h4km, MD3.3
ISC 25 02:57:29.9-0.7, 10.18N:0.03:62.14W:0.03, h20km±7km, n15, c1917/25, 1D, Near coast of Venezuela

Code Station Name Az AZ Phase ID Time Res
GUVI Guiria 0.47 350 Op ISC h m s ISC
TPP Pointe-a-Pierr 0.69 79 iJP Sb 02 57 44.8 -0.9
GUNV Guanoco 0.79 268 eS Sb 02 57 58.1 +5.5

NAO 25 03:27:25.2:5.8, 67.54N:34.09E, ML2.2
HEL 25 03:27:28.0:5.6, 67.69N:33.84E, ML2.4, ML2.2(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Code Station Name Az AZ Phase ID Time Res
APAO Apatity Array 0.34 255 Op PGC 03 27 33.5 -1.4
APAO baz=89,slow=16 Lg 03 27 38.6
APAO baz=89,slow=37 Rg 03 27 40.4

IDC 25 03:29:41.6:11.0, 49.97S:162.47E, mb4.0/3, mb1 4.3/5, mb1mx4.0/10, ML4.2/2, MS3.4/2, Ms1 3.4/2, ms1mx2.7/12, Error ellipse: s-maj=217.0km s-min=28.1km az=165.0

Code Station Name Az AZ Phase ID Time Res
MSZ Milford Sound 6.43 37 eP S 03 31 19.5 +0.5
EAZ Earnsclough 6.58 47 P S 03 31 21.2 +0.2
WKZ Wanaka 6.76 43 eP S 03 31 24.9 +1.4

WAR 25 03:49:29.51, 47N:16.11E, h1km, ML2.6, Mining Induced
PRU 25 03:49:29.4, 51.40N:16.11E
ISC 25 03:49:27.5:1.2, 51.40N:0.06:16.03E:0.06, n9, c123/19, Poland

Code Station Name Az AZ Phase ID Time Res
KSP Ksiaz 0.58 164 Op ISC h m s ISC
UPC Upec 0.90 181 ePG P 03 49 46.7 +1.2
DPC Dobruska-Polom 1.07 170 ePG P 03 49 49.1 +0.2

STR 25 03:51:29.9:0.1, 45.64N:3.05E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 25 03:51:28.0:0.1, 45.64N:2.96E, h7km, MD1.72, M11.7/8, Error ellipse: s-maj=1.0km s-min=0.8km az=96.0, France

Code Station Name Az AZ Phase ID Time Res
KSP Ksiaz 0.58 164 Op ISC h m s ISC
UPC Upec 0.90 181 ePG P 03 49 46.7 +1.2

AGO Saint Agoulin 0.43 16 Pg Sg 03 51 37.9 +1.1
AGO AGO 0.43 16 Pg Sg 03 51 43.8 +1.2
LBL Lubilhac 0.45 153 Pg Sg 03 51 38.3 +1.2

MAN 25 03:55:57.3, 17.52N:119.29E, h4km, mb4.0, ML2.8, MS2.4, 1D, Philippine Islands region

Code Station Name Az AZ Phase ID Time Res
BOLP Bolinao 1.28 152 eP S 03 56 21.9 +0.3
BOLP Bolinao 1.28 152 eP S 03 56 22.1 +0.1
BOPH Baguio City Da 1.67 132 iJP S 03 56 27.1 -0.5

TRN 25 04:09:28.0, 10.27N:62.25W, MD3.2
FUNV 25 04:09:30.5, 10.27N:61.96W, h18km, MW2.7
ISC 25 04:09:30.9-0.7, 10.18N:0.04:62.13W:0.03, h20km±7km, n14, c1923/25, 1C, Near coast of Venezuela

Code Station Name Az AZ Phase ID Time Res
GUVI Guiria 0.47 349 Op ISC h m s ISC
TPP Pointe-a-Pierr 0.69 78 eP S 04 09 43.5 -0.5
GUNV Guanoco 0.80 269 eS Sb 04 09 54.5 +2.4

IDC 25 04:11:06.7:2.3, 50.14S:161.77E, mb4.2/4, mb1 4.3/5, mb1mx4.0/10, ML4.0/1, Error ellipse: s-maj=53.3km s-min=21.1km az=173.0

Code Station Name Az AZ Phase ID Time Res
MSZ Milford Sound 7.08 41 eP P 04 12 54.5 +1.3
EAZ Earnsclough 7.28 49 P P 04 12 55.5 -0.5
WKZ Wanaka 7.44 39 P P 04 13 02.4 +1.2

IDC 25 04:14:50.4:1.9, 14.71S:171.78E, h600km, 20km, mb3.3/11, mb1 3.5/14, mb1mx3.5/14, Error ellipse: s-maj=24.9km s-min=15.1km az=142.0

Code Station Name Az AZ Phase ID Time Res
CTA Charters Tower 24.86 254 Op ISC h m s ISC
STKA Stephens Creek 32.34 233 eP P 04 20 33.3 +1.0
STKA Stephens Creek 32.34 233 P P 04 20 33.2 +1.0

NVAR Mina Array Bea 84.06 48 P P 04 26 20.0 +5.9
SONM Songoing Array 85.14 322 P P 04 26 24.0 -0.2
ILAR Eielson Array 85.29 17 P P 04 26 22.5 -2.0

IDC 25 04:21:39.3:1.1, 53.99S:6.61E, mb4.3/5, mb1 4.4/6, mb1mx3.9/15, ML4.0/1, MS4.1/8, Ms1 4.1/8, ms1mx3.7/17, Error ellipse: s-maj=42.0km s-min=25.7km az=49.0

Code Station Name Az AZ Phase ID Time Res
VNA2 Neumayer-Watz 18.18 195 Op ISC h m s ISC
VNA2 Neumayer-Watz 18.18 195 eP P 04 26 02.8 +1.0
SNAa Sanae 18.30 190 iJP P 04 25 52.4 -1.7

MAW Mawson 29.42 140 LR LR 04 37 08.5
MAW Mawson 29.42 140 P P 04 27 43.7 -0.3
QSPA South Pole Qui 36.32 180 iJP P 04 44 40.0 +1.1

VNDA Vanda 47.91 173 P P 04 30 18.9 +0.5
VNDA 2.9nm, 0.9s, mb4.3, baz=208, slow=7.8, SNR=5.6 LR 04 49 16.8

DBIC Dimbokro 61.15 347 LR LR 04 53 33.1
LVC Limon Verde 63.65 267 P P 04 32 12.4 +0.2
LPAZ La Paz 68.09 272 P P 04 32 40.7 0.0

LPZL La Paz 68.09 272 P P 04 32 40.7 -0.1
LPZL Rata Peaks 81.82 169 LR LR 04 58 19.9

ASAR Alice Springs 90.34 133 P P 04 34 41.5 +0.4
SONM Songoing Array 131.51 62 PKP PKPdf 04 40 53.5 -0.6

ILAR Eielson Array 162.86 320 PKPab PKPab 04 42 26.4 +2.0
ILAR 1.5nm, 0.9s, baz=45, slow=3.2, SNR=13

IDC 25 04:30:49.0:1.6, 21.60N:143.17E, h304km±16km, mb3.7/13, mb1 3.9/14, mb1mx3.7/25, Error ellipse: s-maj=21.6km s-min=2.9km az=92.0

NEIC 25 04:30:50.0:2.4, 21.62N:143.04E, h315km, 24km, mb3.9/5, Error ellipse: s-maj=19.1km s-min=6.17km az=90.0

ISC 25 04:30:48.5:1.2, 21.59N:0.06:143.17E:0.2, h314km±11km, n29, c071/30, mb4.0/17, Mariana Islands region

Code Station Name Az AZ Phase ID Time Res
CBIJ Chichi jima 5.54 352 Op ISC h m s ISC
CBIJ 25nm, 0.3s, baz=180, slow=16, SNR=12 S 04 32 12.9 -0.4

MAT Matsushiro 15.49 345 P P 04 34 10.5 -2.2
MAT Matsushiro 15.49 345 eP P 04 34 11.0 -1.7

CTA Charters Tower 41.54 175 P P 04 38 07.5 -0.2
WRAB Tennant Creek 42.14 192 eP P 04 38 12.2 -0.3

WB2 Warramunga Arr 42.15 192 eP P 04 38 12.7 +0.1
WRA Warramunga Arr 42.15 192 P P 04 38 12.7 +0.1

ASAR Alice Springs 45.86 192 P P 04 38 41.6 -0.3
ASPA Alice Springs 45.86 192 eP P 04 38 42.2 -0.2

STKA Stephens Creek 53.18 182 P P 04 39 36.7 -0.2
STKA Stephens Creek 53.18 182 P P 04 39 36.7 -0.2

ILAR Eielson Array 62.18 27 P P 04 40 37.5 -1.1
CHVK Chkalovo 62.58 320 eP P 04 40 41.0 -0.1

BVAR Borouk Arr 62.65 320 P P 04 40 42.5 +0.4
INK Inuvik 67.71 24 P P 04 41 13.6 -0.1

YKA Yellowknife Arr 76.20 28 P P 04 42 06.1 +0.2
YKA Yellowknife Arr 76.20 28 P P 04 42 06.1 +0.2

ARCES ARCESS Array B 78.94 341 P PKP PKPdf 04 42 19.7 +1.0
JOF Joensuu 80.36 334 eP P 04 42 26.0 -0.1

FINES FINESS Array B 83.23 334 P P 04 42 40.7 -0.1
FINES FINESS Array B 83.23 334 P P 04 42 40.7 -0.1

IDC 25 05:00:21.6:4.8, 50.80S:161.93E, mb4.1/4, mb1 4.3/5, mb1mx4.0/9, ML3.6/11, MS3.5/11, Ms1 3.4/11, ms1mx2.3/15, Error ellipse: s-maj=104.0km s-min=42.6km az=167.0, North of Macquarie Island

Code Station Name Az AZ Phase ID Time Res
RPZ Rata Peaks 9.41 45 Pn P 05 02 38.6 -3.0
STKA Stephens Creek 24.16 314 P P 05 05 39.6 -0.5



25d 8h

2004 DEC

IDC 25 05:00:47.2,1.0,22.64S:170.81E,mb3.9/8,mb1 4/18, mb1mx4.0/14,MS3.6/1,Ms1 3.6/1,ms1mx2.9/21, Error ellipse: s-maj=36.5km s-min=24.0km az=151.0

NEIC 25 05:00:49.0,0.8,22.65S:170.76E,h10km,mb4.0/1, Error ellipse: s-maj=17.6km s-min=12.0km az=198.0

ISC 25 05:00:50.9,2.7,22.8S,0.2,170.6E,0.1,h33km,22km,n20, c=075/18,mb3.9/7,MS3.6/1,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, NOUC, CTA, STKA, ASAR, WRA, VWA, CMAR, NVAR, SONM, ARCES, EKA, KHC, GERES, DAVOX, etc.

IDC 25 05:27:40.7,2.4,41.86N:129.24W,mb3.4/3,mb1 3.8/4, mb1mx3.4/23,ML4.2/1,MS3.6/6,Ms1 3.6/6,ms1mx3.3/18, Error ellipse: s-maj=85.5km s-min=29.0km az=130.0

ISC 25 05:27:38.8,0.9,41.5N,0.1,129.2W,0.2,h10km,n13, c=048/6,mb3.5/3,MS3.6/6,Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASBA, PVNV, PPA, PFAV, ESCD, SCHO, FINES, ULM, YKA, PDBF, TXAR, TXAR, BVAR, etc.

JMA 25 05:37:09.0,1.2,24.60N:122.79E,h87km,ML2.2, TAP 25 05:37:09.6,24.69N:122.84E,h43km,1km,ML3.0, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YOJ, IRIF, HATJ, JKRS, JIJ, etc.

NEIC 25 06:02:36.0,39.81N-20.40E,h26km,MD3.3(ATH), After ATH. ATH 25 06:02:36.0,39.82N-20.40E,h27km,1km,MD3.3,CSEM 25 06:02:37.0,1.3,39.67N-20.34E,h1km,1km,ML3.3, Error ellipse: s-maj=3.4km s-min=2.6km az=116.0

THE 25 06:02:36.8,39.70N-20.22E,h10km,ML3.3,2D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IGT, KEK, JAN, KZN, FNA, EVR, VLS, VLS, AGG, AGG, LIT, GRG, XOR, XOR, LKR, KNT, SOH, PAIG, PAIG, OUR, LOS, etc.

IDC 25 06:09:01.0,55.0,19.12S:178.83W,mb3.6/3,mb1 3.8/3, mb1mx3.6/13,MS3.3/1,Ms1 3.6/1,ms1mx2.9/19, Error ellipse: s-maj=1011.0km s-min=154.6km az=81.0,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG, STKA, WRA, ASAR, etc.

NEIC 25 06:20:52.8,38.55N-23.56E,h2km,ML2.6(ATH), After ATH. ATH 25 06:20:52.6,38.54N-23.56E,h5km,2km,MD2.8/6,ML2.6 CSEM 25 06:20:53.0,1.1,38.55N-23.59E,h10km,ML2.6, Error ellipse: s-maj=2.6km s-min=1.0km az=82.0

THE 25 06:20:54.5,38.62N-23.61E,h16km,ML2.6, ISC 25 06:20:51.7,0.5,38.55N,0.0,23.61E,0.06,h5km,n14, c=076/20,1C,Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MPAR, LKR, PTH, ATH, MGER, NSAL, AOS, AOS, XOR, XOR, AGG, PAIG, PAIG, KNT, KNT, etc.

NEIC 25 06:34:50.2,0.5,11.08S:163.67E,h10km,mb4.7/9, Error ellipse: s-maj=18.2km s-min=10.8km az=138.0, IDC 25 06:34:56.4,3.8,11.03S:163.63E,h5km,34km,mb3.9/9, mb1 4.2/11,mb1mx4.1/16,ML3.8/2,MS3.6/3,Ms1 3.6/3, ms1mx3.2/21, Error ellipse: s-maj=37.8km s-min=16.6km az=141.0

ISC 25 06:34:48.5,0.5,11.24S,0.0,163.64E,0.08,h10km,n36, c=1503/37,mb4.5/20,MS3.6/2,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, PMG, CTA, CTA, CTA, STKA, STKA, STKA, WBA, WRA, WRA, KAKA, ASAR, ASAR, ASAR, FITZ, MBWA, ASAJ, CLAR, CLAR, UMR, SONM, BILL, MAW, COLA, GUN, PKN, PKN, DMN, GKN, KOLN, NVAR, MNV, BMO, ELK, PDAR, YKA, YKA, etc.

LDG 25 06:35:56.7,0.1,45.67N:6.43E,h3km,Md1.9/2,ML1.4/3, Error ellipse: s-maj=2.0km s-min=1.3km az=62.0, ZUR 25 06:35:54.3,45.83N:7.14E,h5km,ML0.9/5,3C-1D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EMV, DIX, SALAN, SALAN, GRVON, LPL, LPL, LPL, AIGLE, MMK, CABF, MBDF, MBDF, ORIF, VIVF, etc.

MOS 25 06:44:46.0,1.0,55.34N:161.14E,h116km,mb3.9/1, Error ellipse: s-maj=34.8km s-min=13.6km az=77.2, KRSC 25 06:44:46.3,2.0,55.42N:160.97E,h127km,2km,ML3.8 IDC 25 06:44:53.6,9.8,55.72N:161.98E,h134km,60km,mb3.1/4, mb1 3.6/5,mb1mx3.2/22, Error ellipse: s-maj=113.0km s-min=61.2km az=47.0, ISC 25 06:44:76.7,0.4,55.44N,0.0,161.00E,0.07,h128km,4km, n39,c=082/73,mb3.5/4,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EMV, DIX, SALAN, SALAN, GRVON, LPL, LPL, AIGLE, MMK, CABF, MBDF, MBDF, ORIF, VIVF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TUMR, KAMN, ZEL, LOG, KPT, KPT, CIRR, CIRR, KRKR, KRKR, KOZY, KOZY, KOZY, KLY, KLY, KLY, SRDR, SRDR, SVLR, SVLR, KRBG, KRBG, KRBG, etc.

KBTR Krutoberegovo 1.28 52 P P 06 45 12.6 0.0, KBTR Krutoberegovo 1.28 52 PN P 06 45 12.6 0.0, ESO Esso 1.39 292 P P 06 45 13.6 -0.2, ESO Esso 1.39 292 Smax P 06 45 33.6 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SPN, SPN, SPN, NLC, NLC, NLC, SDLR, SDLR, GNL, GNL, SMAR, SMAR, AVH, AVH, KOK, KOK, UGLR, UGLR, PET, PET, BKI, BKI, RUS, RUS, RUS, RUS, GRL, GRL, FX1, FX1, YKA, YKA, NVAR, NVAR, PDBF, PDBF, TXAR, TXAR, etc.

NIED 25 06:47:00.31,80KN:129.20E,h5km,Mw3.7 Best double couple: M3.9x2x1014 NP1.9x28, 888, 120. NP2.0x122, 830, 14.4, JMA 25 06:47:37.5,0.1,31.77N:129.18E,h6km,1km,ML3.6 ISC 25 06:47:36.7,0.1,31.77N:129.16E,0.08,h2km,11km, n8,c=049/14,Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JSJ, JSJ, JSJ, JFU, JFU, NGSJ, NGSJ, JHD, JHD, JHD, JZO, JZO, JZO, JIU, JIU, JTZ, etc.

CSEM 25 07:06:57.3,1.1,36.76N:21.25E,h2km,MD3.5, Error ellipse: s-maj=35.8km s-min=6.0km az=55.0, ATH 25 07:07:02.2,36.99N:21.67E,h30km,MD3.5/3, ISC 25 07:07:06.5,36.8N,0.1,21.3E,0.2,h10km,n10, c=079/10,Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ITM, RLS, VLI, KYTH, AGG, IGT, XOR, XOR, FNA, GRG, etc.

NEIC 25 08:02:17.8,36.53N-4.69W,h54km,MG3.2(MDD), After MDD. MDD 25 08:02:17.8,0.8,36.53N:4.69W,h54km,5km,mb3.2/7, Error ellipse: s-maj=9.3km s-min=4.3km az=171.0, ORXIMO

INMG 25 08:02:17.5,0.8,36.55N:4.70W,h55km,3km,ML2.1, Error ellipse: s-maj=3.5km s-min=1.9km az=163.0, SFS 25 08:02:17.0,36.52N:4.71W,h54km,ML3.5 CSEM 25 08:02:17.5,0.1,36.71N:4.76W,h40km,mb3.2/7, Error ellipse: s-maj=2.5km s-min=1.6km az=5.0, ISC 25 08:02:17.1,0.8,36.67N,0.05,4.76W,0.03,h60km,7km, n49,c=190/97,1C-2D,Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EMJ, EMJ, EMJ, EMJ, EMJ, EMJ, EMJ, EMAL, EMAL, etc.





25d 12h

Table of station data for 25d 12h, including columns for station name, time, and other parameters. Includes stations like SJG, NVAR, YKA, etc.

2004 DEC

Table of station data for 2004 DEC, including columns for station name, time, and other parameters. Includes stations like MAT, ASAJ, SONM, etc.

592

Table of station data for 592, including columns for station name, time, and other parameters. Includes stations like SONM, NVAR, YKA, etc.









Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EVIA Vianos, EBAD Badajoz, EADA Adamuz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSP Las Mesas, MGP Maguayo, PORP Portuguese, etc.

IDD 25 20:02:59.4, 3.49, 435x160.62E, mb3.6/2, mb1 3.9/3, mb1mx3.6/9, ML3.6/1, Error ellipse: s-maj=89.5km s-min=41.3km az=1.0

ISC 25 20:02:53.7-6.0, 50.1S, 0.9x161.0E:0.3, h10km, n10, a=82/10, mb3.6/2, North of Macquarie Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MLZ Mavora Lakes, TUZ Tuapeka, EAZ Earnscleugh, etc.

NEIC 25 20:03:49.7-0.4, 43.75N:105.19W, ML3.4, Error ellipse: s-maj=4.8km s-min=4.1km az=92.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette. IDC 25 20:03:50.9-0.9, 44.05N:105.86W, mb4.2/2, mb1 3.8/8, mb1mx3.6/23, ML3.7/5, Error ellipse: s-maj=23.8km

ISC 25 20:03:47.0-5.4, 43.73N:104.04x105.12W:0.05, n55, a=119/55, mb4.3/2, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PHWY Pilot Hill, RW07 Rawlins, LAO Lasa Array, etc.

NEIC 25 20:03:53.1-28.0, 22.05S:173.56W, mb3.9/4, mb1 4.0/4, mb1mx3.8/16, Error ellipse: s-maj=510.0km s-min=156.5km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

NEIC 25 19:59:16.2, 19.69N:68.23W, h25km, MD3.5(RSPR), After RSPR.

RSPR 25 19:59:16.2, 19.69N:68.23W, h25km, MD3.5/11, MD3.5/11, 12C-10, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PTEO Sa Teotonia, PTEO Sa Teotonia, PTEO Loures, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGRO El Granado, EMIN Mina Concepcion, EMIN Mina Concepcion, etc.

ISK 25 20:22:14.3, 34.16N:32.20E, h65km. CSEM 25 20:22:17.6, 34.48N:32.11E, h30km, mb4.6. MOS 25 20:22:17.4, 1.1, 34.48N:31.97E, h33km, mb4.3/10, Error ellipse: s-maj=13.0km s-min=7.0km az=92.4

GRAL 25 20:22:18.1, 2.3, 34.45N:32.21E, MD4.1. IDC 25 20:22:19.8, 2.7, 34.52N:32.11E, h37km, 27km, mb3.8/11, mb1 4.0/17, mb1mx3.9/23, ML4.1/6, MS4.0/2, Ms1 4.0/2, ms1mx3.1/24, Error ellipse: s-maj=20.4km s-min=16.6km az=33.0

NEIC 25 20:22:19.5, 0.3, 34.49N:32.07E, h36km, 5km, mb4.2/24, Error ellipse: s-maj=4.9km s-min=3.5km az=213.0

ZUR\_RM 25 20:22:19.34, 49N:32.07E, h21km, MW4.3/15, Moment Tensor Solution, s15 Moment tensor: Scale 10^19Nm; M=0.85; M=0.31; M=2.66; M=0.11; M=0.14; M=0.26; Best double couple: M=3.11x10^15 NP1:33.44, 88.6, lambda=173.3; NP2:33.31, 88.3, lambda=5.5. Principal axes: T.3.514, P1g1, Azm179; N-.816, P1g2, Azm78; P-.2698, P1g8, Azm269;

GII 25 20:22:50.0, 4.34, 43N:32.12E, h25km, 30km, mb4.3/10, ML4.1/10, MW3.8/7, Error ellipse: s-maj=18.3-0.3, 34.47N:0.02-32.14E:0.03, h47km, 4km, ms7.1x103/177, mb4.2/29, MS4.0/2, 1C-4D, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LEF Lefka, CSS Prodhromos, CSS Prodhromos, etc.

NEIC 25 20:03:53.1-28.0, 22.05S:173.56W, mb3.9/4, mb1 4.0/4, mb1mx3.8/16, Error ellipse: s-maj=510.0km s-min=156.5km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IKL Isikii, HDMB Hadim, MEST Erdemli, etc.

NEIC 25 20:03:53.1-28.0, 22.05S:173.56W, mb3.9/4, mb1 4.0/4, mb1mx3.8/16, Error ellipse: s-maj=510.0km s-min=156.5km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZFRI Zfri, AYDN Tasoluk, PRNI Paran, etc.

NEIC 25 20:03:53.1-28.0, 22.05S:173.56W, mb3.9/4, mb1 4.0/4, mb1mx3.8/16, Error ellipse: s-maj=510.0km s-min=156.5km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IMMG 25 20:13:44.0, 0.7, 36.60N:11.16W, h10km, ML1.8, Error ellipse: s-maj=6.1km s-min=5.5km az=101.0. MDD 25 20:13:43.5, 2.2, 36.64N:11.04W, mbl-g2.0, Error ellipse: s-maj=22.2km s-min=20.0km az=3.0, PRXIMO, Azores-Cape St. Vincent Ridge





25d 23h

Table with columns: BJT, Station Name, Frequency, Band, and other technical details. Includes stations like Baotai, Beijing, Kunming, etc.

2004 DEC

Table with columns: EBG, DAWY, DLBC, etc. Station Name, Frequency, Band, and other technical details. Includes stations like Ellensburg, Dawson, Dease Lake, etc.

598

Table with columns: SCX, NBB, NGB, etc. Station Name, Frequency, Band, and other technical details. Includes stations like Las Nubes, RBDL, RTR, etc.

ADC 25 22:54:14.9, 1.2, 8.23S; 124.85E, mb4.0/5, mb1 4.2/7, mb1mx4.1/14, ML3.7/2, MS3.3, Ms1 3.4/3, ms1mx2.9/17, Error ellipse: s-maj=87.6km, s-min=20.4km, az=54.0, NEIC 25 22:54:21.0, 1.7, 8.29S; 125.05E, h33km, 18km, mb4.5/6, Error ellipse: s-maj=16.7km, s-min=11.9km, az=56.0, ISC 25 22:54:19.9, 2.2, 8.35S, 0.9E, 125.1E, 0.1, h66km, 23km, n20, c134/26, mb4.1/10, Timor region

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes stations like KAKA, FITZ, WRA, etc.

MAN 25 23:00:33.3, 12.14N; 123.96E, h40km, mb4.4, ML3.3, MS3.1, 1D, LUZZO

Table with columns: LLLP, MSLP, Maasin, 2.18 156, eS, S, 23 01 28.5 +3.8, 23 01 09.0 +1.0, 23 01 26.7 -7.3

BJI 25 23:24:57.1, 0.75N, 128.00E, h122km, mb5.0, mb5.0
IDC 25 23:25:04.3, 2.0, 1.32N, 127.33E, h119km, 17km, mb4.2/15,
mb1.4, 3/15, mb1mx4.2/19, MS3.3/1, Ms1 3.5/1,
ms1mx2.9/19, Error ellipse: s-maj=25.9km s-min=10.7km
az=69.0

NEIC 25 23:25:04.7, 2.5, 1.31N, 127.40E, h122km, 25km, mb4.8/29,
Error ellipse: s-maj=13.8km s-min=6.6km az=77.0
SYO 25 23:25:07.9, 1.31N, 127.42E, h158km, MB4.7
ISC 25 23:25:02.8, 0.1, 1.33N, 104.127.37E, 0.08h, h116km, 8km,
n81, c1906/89, mb4.8/45, 1C-5D, Halmahera

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: THN, MA2, Thein Dam, 57.53 308, eP, P, 23 34 41.2 -1.4, 23 35 04.8 -0.5

Table with columns: KZA, Kyzart, SNR=5, 61.81 318, P, P, 23 35 13.0 +1.2, 23 35 15.3 +0.5

Table with columns: KBK, Karagaybulak, 62.27 319, P, P, 23 35 16.9 +1.4, 23 35 15.7 -1.1

Table with columns: UCH, Ula-Archor, 62.37 318, P, P, 23 35 16.9 +1.4, 23 35 15.7 -1.1

Table with columns: AAK, Ala-Archor, 62.56 318, eP, P, 23 35 15.7 -1.1, 23 35 19.6 +0.8

Table with columns: AML, Almayshu, 62.88 318, P, P, 23 35 19.6 +0.8, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: ZAL, Zalesov, 63.01 333, P, P, 23 35 17.6 -2.0, 23 35 17.6 -2.0

Table with columns: NEJ, Negril, 2.70 100f, eP, Pn, 23 51 54.2 0.0, 23 52 05.0 +1.3

Table with columns: MCJ, Malvern, 3.37 104f, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: CVJ, Coleville, 3.45 98f, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: STH, Stony Hill, 4.16 99f, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: HOJ, Hope, 4.23 99f, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: GEJ, Greenwich, 4.24 98f, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: TWJ, Tepich, 6.90 283, eP, Pn, 23 52 05.0 +1.3, 23 52 44.5 +1.0

Table with columns: TEIG, Teigu, e, e, 23 52 56.9, 23 53 58.2 -1.4

Table with columns: JTS, JuntasAbangare, 9.19 204, eP, Pn, 23 53 25.8 +0.4, 23 53 34.6 +7.3

Table with columns: DWPF, Disney, 9.32 358, eP, Pn, 23 53 25.8 +0.4, 23 53 34.6 +7.3

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

Table with columns: SDV, Santo Domingo, 14.14 133, P, P, 23 54 30.0 +0.6, 23 54 00.1

TIR 25 23:31:50.3, 4.1, 04N, 20.11E, h19km, M12.9
PDG 25 23:31:52.1, 0.1, 4.1, 12N, 20.20E, h0km
NEIC 25 23:31:52.1, 4.1, 12N, 20.20E, h0km, MD3.4(ATH),
MD3.0(PDG), After PDG.
ASYM 25 23:31:52.3, 4.1, 12N, 20.02E, h5km, MD3.4/4
CSEM 25 23:31:52.9, 0.1, 4.1, 21N, 20.20E, h0km, ML3.0, Error
ellipse: s-maj=2.2km s-min=1.2km az=41.0
THE 25 23:31:53.8, 4.1, 20N, 20.33E, h10km, ML3.3
ISC 25 23:31:52.7, 0.3, 4.1, 12N, 20.02, 20.23E, 0.03, h10km, n39,

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

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

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

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

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

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

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

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

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

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

Mina Array Bea 37.74 309, P, P, 23 41 41.4 -2.1, 23 38 02.5 -1.0

TAP 26 00:02:14.2, 0.2, 24.78N, 122.44E, M2.8, Taiwan region
JMA 26 00:02:14.2, 0.2, 24.78N, 122.44E, M2.8, Taiwan region

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

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

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

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

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

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

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

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

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

IDC 25 23:43:36.2, 8.0, 48.63S, 162.73E, mb4.1/3, mb1.4/3,
mb1mx3.9/8, Error ellipse: s-maj=581.0km
s-min=107.2km az=49.0, Off west coast of South Island

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

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

CSEM 26 00:36:12.5, 0.1, 67.20N, 20.84E, h2km, ML2.5, Error
ellipse: s-maj=2.6km s-min=1.6km az=113.0, Suspected
Mining explosion.

BER 26 00:36:14.9, 4.6, 67.20N, 20.65E, ML1.6, Suspected
Mining explosion.

UPP 26 00:36:12.9, 67.19N, 20.69E, h0km, ML2.5, Suspected
Mining explosion, Sweden

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

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

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

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

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

IDC 26 00:58:28.9, 21.0, 42.39N, 90.96W, mb3.4/4, mb1.3/9.4,
mb1mx3.4/22, Error ellipse: s-maj=493.0km s-min=79.2km
az=132.0
ISC 26 00:50:17.3, 1.1, 41.2N, 0.3, 29.3W, 0.5, h10km, n8, c050/40,
mb3.5/4, Azores Islands region

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



NWAO	comp-Z,291um,10.4s	P	P	01 06 37.1 -1.0
NWAO	Narrogin (SRO) 41.41 152 P	S	S	01 13 06.6 +15
NWAO	comp-Z,238nm,1.1s,baz=324,slow=10,SNR=22	S	S	01 06 35.9 -2.2
NWAO	Narrogin (SRO) 41.41 152 eP	Pmax	Pmax	
NWAO	comp-Z,3um,1.3s	MLR	MLR	
NWAO	Narrogin (SRO) 41.41 152 eP	MLR	MLR	01 06 35.9 -2.2
NWAO	comp-Z,2919um,22.0s	LR	LR	
NWAO	Dalian 42.38 30 P	P	P	01 06 46.0 -0.1
NWAO	DL2 01 13 06.5 +0.9	AMB	AMB	
NWAO	comp-Z,2um,0.7s,mb6.8	AMB	AMB	
NWAO	DL2 01 06 54.9 +0.8	LR	LR	
NWAO	comp-N,7802um,18.8s,MS8.7	LR	LR	
NWAO	DL2 01 06 53.8 +0.3	LR	LR	
NWAO	comp-E,6668um,21.4s,MS8.7	LR	LR	
NWAO	DL2 01 06 54.4 +0.8	LR	LR	
NWAO	comp-Z,5680um,19.0s,MS8.5	LR	LR	
NWAO	Ulahol 42.47 338 P	P	P	01 06 47.0 +0.2
NWAO	SNR=56	P	P	
NWAO	KZA Kyzart 42.70 337 P	P	P	01 06 48.6 -0.1
NWAO	SNR=116	P	P	
NWAO	AAA Alma-Ata 43.12 340 P	P	P	01 06 52.0 0.0
NWAO	AAA Alma-Ata 43.12 340 P	P	P	01 06 51.6 -0.4
NWAO	UCH Uchtor 43.12 337 P	P	P	01 06 52.9 +0.8
NWAO	SNR=227	P	P	
NWAO	TKM2 Tokmak 2 43.29 338 P	P	P	01 06 53.8 +0.3
NWAO	SNR=205	P	P	
NWAO	KBK Karagaybulak 43.31 337 P	P	P	01 06 54.5 +0.8
NWAO	SNR=352	P	P	
NWAO	AML Almayashu 43.37 336 P	P	P	01 06 54.9 +0.8
NWAO	SNR=202	P	P	
NWAO	AAK Ala-Archa 43.47 337 P	P	P	01 06 55.5 +0.7
NWAO	SNR=105	P	P	
NWAO	AAK Ala-Archa 43.47 337 eP	Pmax	Pmax	01 06 54.8 -0.1
NWAO	AAK comp-Z,1um,2.2s,mb6.3	P	P	01 06 54.4 -0.5
NWAO	AAK Ala-Archa 43.47 337 eP	P	P	
NWAO	comp-Z,8um,1.2s,mb7.3	LR	LR	
NWAO	AAK comp-Z,2857um,20.0s,MS8.2	LR	LR	
NWAO	FRU Bishkek 43.59 337 eP	P	P	01 06 56.0 +0.1
NWAO	FRU 01 07 12.0 -1.7	PCP	PCP	
NWAO	FRU 01 13 19.0 -4.1	S	S	
NWAO	FRU 01 06 56.5 -0.1	e	e	
NWAO	CHMS Chumysh 43.68 337 P	P	P	01 06 58.0 +0.6
NWAO	SNR=128	P	P	
NWAO	EKS2 Erkin-Say 43.77 336 P	P	P	01 06 59.2 0.0
NWAO	SNR=364	P	P	
NWAO	USP Osenovka 44.00 337 P	P	P	01 06 58.6 -1.3
NWAO	INCN Inchon 44.08 361 eP	P	P	
NWAO	comp-Z,4um,1.1s,mb7.1	LR	LR	
NWAO	INCN comp-Z,19007um,19.0s,MS9.0	LR	LR	
NWAO	WRA Warramunga Arr 44.31 123 P	P	P	01 06 59.1 -2.9
NWAO	comp-Z,152nm,0.6s,mb5.9,baz=299,slow=9.2,SNR=250	P	P	
NWAO	WRA comp-Z,1um,0.7s,baz=305,slow=8.6,SNR=3.3	P	P	01 13 42.8 +8.9
NWAO	WRAB Tennant Creek 44.32 123 eP	P	P	01 06 59.8 -2.3
NWAO	WRAB Tennant Creek 44.32 123 eP	P	P	01 06 58.9 -3.1
NWAO	comp-Z,4um,0.7s,mb7.3	LR	LR	
NWAO	WRAB comp-Z,1137um,21.0s,MS7.8	LR	LR	
NWAO	TAS Tashkent 44.67 331 eP	P	P	01 07 01.0 -3.7
NWAO	KS15 Wonju Array Si 44.79 371 eP	P	P	01 07 04.8 -0.9
NWAO	IKAR Makanchi Array 44.80 347 eP	P	P	01 07 04.6 -1.0
NWAO	IKAR Makanchi Array 44.80 347 eP	Pmax	Pmax	
NWAO	comp-Z,3um,0.8s	P	P	01 07 04.7 -0.9
NWAO	MKAR Makanchi Array 44.80 347 eP	P	P	01 07 03.3 -4.7
NWAO	YOMI Yo Mokiole 45.04 97 eP	P	P	01 07 05.3 -2.7
NWAO	YOMI Yo Mokiole 45.04 97 eP	P	P	
NWAO	comp-Z,4um,0.8s,mb7.0	P	P	01 07 07.9 -0.7
NWAO	SOM Songoing Array 45.17 10 P	P	P	01 08 52.0 -2.9
NWAO	comp-Z,189nm,1.0s,mb5.9,baz=194,slow=9.0,SNR=149	PP	PP	
NWAO	SOM comp-Z,2um,0.8s,baz=191,slow=8.7,SNR=4.1	S	S	01 14 02.5 +1.7
NWAO	SOM comp-Z,865nm,0.9s,baz=207,slow=6.4,SNR=2.3	S	S	
NWAO	ULN Ulaanbaatar 45.31 11 eP	P	P	01 07 09.1 -0.6
NWAO	comp-Z,2um,0.8s,mb6.9	LR	LR	
NWAO	ULN comp-Z,1256um,22.0s,MS8.8	LR	LR	
NWAO	SNY Shenyang 45.57 29 eP	P	P	01 07 11.0 -0.8
NWAO	SNY AP	PP	PP	01 07 20.0 +0.3
NWAO	SNY XP	SS	SS	01 07 24.5 +1.6
NWAO	SNY AMB	AMB	AMB	
NWAO	ASAR comp-Z,640nm,1.9s,mb6.2	P	P	01 07 10.8 -2.8
NWAO	Alice Springs 45.76 128 P	P	P	
NWAO	comp-Z,54nm,0.7s,baz=300,slow=7.8,SNR=81	PP	PP	01 08 46.6 -1.5
NWAO	ASAR comp-Z,943nm,0.8s,baz=297,slow=6.8,SNR=6.8	S	S	01 14 01.0 +6.3
NWAO	ASAR comp-Z,1um,0.8s,baz=312,slow=7.9,SNR=3.0	S	S	
NWAO	ZAK Zakamensk 47.22 6 eP	P	P	01 07 24.5 -0.2
NWAO	ZAK 01 09 58.8	e	e	
NWAO	ZAK 01 14 10.7	eS	eS	
NWAO	CN2 Changchun 47.29 11 eP	P	P	01 07 30.0 -0.7
NWAO	CN2 01 14 28.0 +2.3	AMB	AMB	
NWAO	CN2 comp-Z,216um,14.0s	LR	LR	
NWAO	comp-Z,9005um,18.0s	LR	LR	
NWAO	MOY Monday 48.28 4 eP	P	P	01 07 32.6 -0.4
NWAO	TLY Talaya 48.54 6 P	P	P	01 07 35.0 0.0
NWAO	comp-E,2um,0.7s,mb7.3,SNR=56	P	P	01 07 34.4 -0.6
NWAO	TLY Talaya 48.54 6 eP	P	P	01 09 03.3
NWAO	TLY 01 09 22.1 -5.4	PP	PP	
NWAO	TLY 01 14 31.5 -2.2	S	S	
NWAO	TLY 01 17 25.7 +2.7	eS	eS	
NWAO	TLY comp-Z,3um,1.1s,mb7.2	P	P	01 07 34.5 -0.5
NWAO	TLY Talaya 48.54 6 eP	P	P	
NWAO	comp-Z,2um,0.9s,mb7.0	LR	LR	
NWAO	TLY comp-Z,3584um,21.0s,MS8.3	LR	LR	
NWAO	YAN Vannovskaya 48.71 320 eP	P	P	01 07 37.8 +1.3
NWAO	IRK Irkutsk 49.16 7 eP	P	P	01 07 38.7 -1.1
NWAO	IRK 01 09 00.5	P	P	01 07 42.6 +0.7
NWAO	GUMO Guam 49.38 75 P	P	P	
NWAO	GUMO 01 07 38.8 -3.1	Pmax	Pmax	
NWAO	GUMO comp-Z,400nm,1.0s,mb6.4	P	P	
NWAO	GUMO Guam 49.38 75 eP	P	P	01 07 38.8 -3.1
NWAO	comp-Z,2um,1.0s,mb7.0	LR	LR	
NWAO	GUMO comp-Z,4400um,21.0s,MS8.4	LR	LR	
NWAO	HASS Wahat al Ahsa' 49.39 301 P	P	P	01 07 41.9 +0.1
NWAO	HIA Hailar 50.00 20 P	P	P	01 07 45.7 -0.5
NWAO	HIA Hailar 50.00 20 eP	P	P	01 07 45.5 -0.7
NWAO	comp-Z,5um,1.2s,mb7.4	LR	LR	
NWAO	HIA comp-Z,2771um,19.0s,MS9.3	LR	LR	
NWAO	MDJ Mudanjiang 50.61 31 P	P	P	01 07 50.3 -0.7
NWAO	MDJ 01 09 06.0 -2.6	PCP	PCP	
NWAO	MDJ 01 09 43.0 -4.7	PP	PP	
NWAO	MDJ 01 15 07.5 +4.9	S	S	
NWAO	MDJ 01 18 39.5 +5.2	SS	SS	
NWAO	MDJ comp-Z,347nm,1.9s,mb6.0	AMB	AMB	
NWAO	MDJ comp-Z,373um,19.6s	AMB	AMB	
NWAO	MDJ comp-Z,7804um,21.6s,MS8.7	LR	LR	
NWAO	MDJ Mudanjiang 50.61 31 eP	P	P	01 07 50.6 -0.4
NWAO	comp-Z,3um,1.0s,mb7.1	LR	LR	
NWAO	MDJ comp-Z,8516um,20.0s,MS8.8	LR	LR	
NWAO	VLA Vladivostok 50.83 34 eP	P	P	01 07 51.0 -1.6
NWAO	MAJO Matsushiro 50.98 44 eP	P	P	01 07 51.7 -2.2
NWAO	MAJO 01 07 51.7 -2.2	Pmax	Pmax	
NWAO	MAJO comp-Z,775nm,0.9s,mb6.6	P	P	
NWAO	MAJO comp-Z,9243um,20.0s,MS8.8	MLR	MLR	
NWAO	MAJO Matsushiro 50.98 44 eP	P	P	01 07 51.7 -2.2
NWAO	comp-Z,774nm,0.9s,mb6.6	MLR	MLR	
NWAO	MAJO comp-Z,9243um,20.0s,MS8.8	LR	LR	

MAT Matsushiro 50.98 44 P	S	S	01 07 51.6 -2.3
MAT Matsushiro 50.98 44 eP	S	S	01 14 56.0 -1.2
MAT Matsushiro 50.98 44 eP	Pmax	Pmax	01 07 52.0 -1.9
MAT comp-Z,361nm,1.5s,mb6.1	Pmax	Pmax	
MAT LBO5 51.04 285 eP	P	P	01 07 55.8 +1.2
MAT LBO5 51.17 284 eP	S	S	01 15 15.3 +6.4
MAT Aden 51.17 284 eP	P	P	01 07 55.6 0.0
MAT ZAL Zalesovo 51.18 352 P	P	P	01 07 53.8 -1.3
MAT ZAL comp-Z,210nm,0.6s,mb6.3,baz=305,slow=6.1,SNR=442	LR	LR	01 34 48.2
MAT DHBB Dhamar BB 51.95 286 eP	P	P	01 08 01.6 0.0
MAT DHBB 01 08 11.9	AMB	AMB	
MAT QRN Al-Qurain 52.05 304 eP	P	P	01 08 01.8 -0.3
MAT QRN 01 09 13.0	AMB	AMB	
MAT UDYN Al-Udayn 52.29 285 eP	P	P	01 08 04.8 +0.8
MAT Al-Radifiah 52.41 304 eP	P	P	01 08 04.3 0.0
MAT UMR Umm Al-Rimman 52.49 305 eP	P	P	01 08 04.8 -0.6
MAT UMR 01 08 47.8	AMB	AMB	
MAT PMG Port Moresby 52.64 104 P	P	P	01 08 04.4 -2.3
MAT PMG Port Moresby 52.64 104 eP	P	P	01 08 04.2 -2.5
MAT PMG comp-Z,2um,0.9s	Pmax	Pmax	
MAT PMG comp-Z,1804um,22.0s	MLR	MLR	
MAT PMG Port Moresby 52.64 104 eP	P	P	01 08 04.2 -2.5
MAT PMG comp-Z,2um,0.9s,mb7.0	LR	LR	
MAT MZLS Mizel 52.98 298 P	P	P	01 08 08.8 -0.3
MAT RST Umm Al-Ruwaisa 53.06 305 eP	P	P	01 08 09.1 -0.6
MAT RST 01 09 22.8	AMB	AMB	
MAT TATS Tathlith 53.58 292 P	P	P	01 18 13.8 +0.3
MAT TATS 01 15 49.9 +6.5	S	S	
MAT BVAR Borovoye Array 53.75 341 P	P	P	01 18 12.6 -1.7
MAT BVAR comp-Z,162nm,0.6s,mb6.2,baz=141,slow=8.9,SNR=365	P	P	
MAT BVAR Borovoye 53.81 341 eP	P	P	01 15 51.1 +5.7
MAT BRVK 53.81 341 eP	Pmax	Pmax	01 08 13.3 -1.5
MAT BRVK comp-Z,4um,1.0s,mb7.3	Pmax	Pmax	
MAT BRVK comp-Z,297um,22.0s,MS8.3	MLR	MLR	
MAT BRVK Borovoye 53.81 341 eP	P	P	01 08 13.3 -1.5
MAT BRVK comp-Z,4um,1.0s,mb7.3	LR	LR	
MAT CHKZ Chkalovo 54.23 342 P	P	P	01 08 16.9 -0.9
MAT CHKZ 01 08 16.9 -0.9	Pmax	Pmax	
MAT FRSS Farasan al Kab 54.41 288 P	P	P	01 08 21.0 +1.3
MAT CTA Charters Tower 54.66 117 P	P	P	01 08 19.1 -2.3
MAT CTA comp-Z,164nm,0.9s,mb6.1,baz=294,slow=8.4,SNR=67	P	P	
MAT CTA comp-Z,670nm,0.8s,baz=344,slow=5.6,SNR=1.5	P	P	01 16 03.3 +5.3
MAT CTA Charters Tower 54.66 117 P	S	S	01 08 19.1 -2.4
MAT CTA Charters Tower 54.66 117 P	PcS	PcS	01 16 14.4
MAT CTA Charters Tower 54.66 117 P	P	P	01 08 19.2 -2.3
MAT CTA Charters Tower 54.66 117 eP	Pmax	Pmax	
MAT CTA Charters Tower 54.66 117 eP	P	P	01 08 18.8 -2.7
MAT CTA comp-Z,2um,0.9s,mb7.0	LR	LR	
MAT CTA comp-Z,3288um,20.0s,MS8.4	LR	LR	
MAT NAMS An Nimas 54.69 291 P	P	P	01 08 22.2 +0.5
MAT AFFS 'Aff' 54.91 297 P	P	P	01 08 22.7 -0.6
MAT ARSS Ar Rass 55.18 299 P	P	P	01 08 24.4 -0.8
MAT BLJS Baljirashi 55.38 292 P	P	P	01 08 27.0 +0.3
MAT STKA Stephens Creek 55.80 133 P	P	P	01 08 26.4 -3.2
MAT STKA comp-Z,62nm,1.1s,baz=310,slow=7.7,SNR=16	S	S	01 16 20.5 +7.3
MAT STKA Stephens Creek 55.80 133 eP	P	P	01 08 25.9 -3.7
MAT GOD Godaibo 56.10 12 eP	P	P	01 08 30.2 -1.2
MAT HILLS Haili 56.81 301 P	P	P	01 08 36.1 -0.9
MAT FURI Furi 57.11 278 P	P	P	01 08 39.5 +0.3
MAT CLNS Chul'man 58.04 18 eP	P	P	01 08 44.9 -0.3
MAT CLNS 01 08 56.2 +3.0	ePP	ePP	
MAT CLNS 01 10 48.6 -6.9	e	e	
MAT CLNS 01 16 40.9 -1.6	eS	eS	
MAT CLNS 01 19 21.7	e	e	
MAT CLNS 01 20 36.3 +0.9	eSS	eSS	
MAT CLNS comp-Z,391nm,0.8s,mb6.5	Pmax	Pmax	
MAT CLNS comp-N,269nm,0.9s	Pmax	Pmax	
MAT CLNS comp-E,174nm,0.9s	Pmax	Pmax	
MAT CLNS comp-Z,1um,1.0s,mb7.0	Pmax	Pmax	
MAT CLNS comp-N,2um,0.7s	Pmax	Pmax	
MAT CLNS comp-E,1um,0.9s	smax	smax	
MAT CLNS comp-N,178um,19.1s	smax	smax	
MAT CLNS comp-Z,275um,14.8s	smax	smax	
MAT MAK Makhachkala 58.22 320 eP	P	P	01 08 45.0 -1.6
MAT MAK comp-Z,105um,12.0s	Pmax	Pmax	
MAT MAK comp-N,25um,20.0s	Pmax	Pmax	
MAT MAK comp-E,65um,20.0s	Pmax	Pmax	
MAT MAK comp-N,1um,2.0s	Pmax	Pmax	
MAT MAK comp-E,4um,2.0s	Pmax	Pmax	
MAT MAK comp-Z,4um,2.0s,mb7.1	MLR	MLR	
MAT MAK comp-Z,4502um,17.0s,MS8.7	MLR	MLR	
MAT MAK comp-N,2843um,15.0s,MS8.6	MLR	MLR	
MAT MAK comp-E,195um,15.0s,MS8.6	MLR	MLR	
MAT MAK Makhachkala 58.22 320 eP	P	P	01 08 46.0 -0.6
MAT HKR Hakkari 58.50 313 P	P	P	01 08 52.7 +4.1
MAT KBRs Khaybar 58.63 298 P	P	P	01 08 49.6 -0.2
MAT KMBO Kilima Mbogo 58.79 267 P	P	P	01 08 49.2 -1.8
MAT KMBO 01 08 49.2 -1.8	Pmax	Pmax	
MAT KMBO comp-E,62nm,1.0s,baz=56,slow=8.7,SNR=63	S	S	01 16 55.8 +2.9
MAT KMBO comp-E,197nm,1.0s,baz=35,slow=14,SNR=1.9	S	S	
MAT KMBO Kilima Mbogo 58.79 267 P	P	P	01 08 49.4 -1.7
MAT KMBO Kilima Mbogo 58.79 267 eP	P	P	01 08 49.2 -1.8
MAT KMBO comp-Z,454nm,1.0s	MLR	MLR	
MAT KMBO comp-Z,8824um,22.0s	MLR	MLR	
MAT KMBO Kilima Mbogo 58.79 267 eP	P	P	01 08 49.2 -1.8
MAT KMBO comp-Z,454nm,1.0			





SUW	comp=N,1µm,1.0s,mb6.8	ePcP	PcP	01 10 57.7 +1.6	
SUW		ePP	PP	01 13 37.1 -3.2	
SUW		eS	SKS	01 20 41.9 +1.1	
SUW		eSKS	SKS	01 20 59.0 +0.5	
SUW		eS	SKS	01 21 02.0 +5.8	
SUW	Suwalki 77.13 325	eP	P	01 10 50.2 +5.2	
SUW		ePcP	PcP	01 10 57.7 +1.6	
SUW		ePP	PP	01 13 37.1 -3.2	
SUW		eS	SKS	01 20 41.9 +1.1	
SUW		eSKS	SKS	01 20 59.0 +0.5	
SUW		eS	SKS	01 21 02.9 +5.8	
SUW		LME		01 41 19.9	
SUW	comp=N,4717µm,35.7s		MLR	MLR	01 41 43.8
SUW	comp=N,5410µm,33.5s,MS8.6		MLN		01 42 53.9
SUW	comp=N,6800µm,30.1s				
KEK	Kerrika 77.14 310	eP	P	01 10 43.7 -1.7	
CRVS	Cervenica-Dubn 77.22 319	eP	P	01 10 44.7 +1.8	
CRVS	Cervenica-Dubn 77.22 319	eP	P	01 10 46.6 +1.0	
CRVS		e		01 11 04.3	
CRVS		eS		01 20 45.6	
CRVS		eS		01 10 51.0 +5.0	
QSH	Qafa e Shtames 77.27 312	eP	P	01 10 57.0 +2.7	
TIR	Tirane 77.28 311	eP	P	01 10 45.8 -0.2	
BEO	Beigrade 77.29 315	eP	P	01 10 45.8 -0.2	
PUK	Puka 77.34 312	eP	P	01 10 41.1 +0.3	
PVY	Plav 77.34 313	eP	P	01 10 46.8 +0.3	
PRZA	Preza 77.43 312	eP	P	01 10 58.0 +2.8	
IVA	Berane 77.43 313	eP	P	01 10 48.3 +1.3	
FINES	FINES Array B 77.45 332	eP	P	01 10 45.3 -1.3	
FINES	comp=N,82nm,0.6s,mb5.9,baz=104,slow=6.5,SNR=169		S	S	01 20 41.4 +7.0
FINES	comp=N,131nm,0.9s,baz=130,slow=11,SNR=2.0		LR	LR	01 48 54.2
FINES	comp=N,231µm,20.2s,MS8.5,baz=14,slow=39		LR	LR	01 10 47.0 -0.4
DIVS	Ogocibare 77.52 314	eP	P	01 10 47.0 -0.4	
KAF	Kangasini 77.54 333	eP	P	01 10 46.1 -1.0	
NVSS	nova Varos 2 77.66 314	eP	P	01 10 48.3 +0.2	
KECS	Kecovo 77.80 319	eP	P	01 10 49.9 +1.1	
KECS	Kecovo 77.80 319	eP	P	01 10 48.9 +0.1	
KECS		e	pP	01 10 55.8 -1.2	
KECS		eS	sP	01 11 03.9 +4.1	
ULC	Ulcinj 77.80 312	eP	P	01 10 49.2 +0.3	
TTG	Podgorica 77.85 313	eP	P	01 10 48.5 -0.7	
LE	Pijevica 77.86 313	eP	P	01 10 51.9 -0.4	
PKSN	Nyartorac 77.98 317	eP	P	01 10 52.6 +2.8	
WAR	Warsaw 78.07 323	eP	P	01 10 49.0 -1.2	
WAR		eP	pP	01 10 56.9 -1.6	
WAR		ePcP	PcP	01 11 03.5 +3.3	
WAR		eS	SKS	01 13 46.9 -1.8	
WAR		eS	SKS	01 20 59.0 +1.0	
WAR		eS	SKS	01 20 59.1	
WAR		eSKS	SKS	01 21 05.7 +0.4	
WAR		eS	SKS	01 21 17.0 +1.2	
WAR		eS	SKS	01 42 50.6	
comp=N,4947µm,32.5s,MS8.6					
NKY	Niksic 78.08 313	eP	P	01 10 50.4 -0.1	
BUM	Brajici-Budva 78.10 312	eP	P	01 10 51.4 +0.8	
PSZ	Piszkesteto 78.11 318	eP	P	01 10 50.1 -0.4	
UPM	Umag-Piva 78.19 313	eP	P	01 10 50.8 -0.2	
HCV	Herceg Novi 78.41 312	eP	P	01 10 51.9 -0.4	
BRY	Bratogost 78.49 319	eP	P	01 10 53.3 +0.5	
LCI	Lecca 78.49 310	eP	P	01 10 52.7 +0.1	
OJC	Ojcow 78.50 320	eP	P	01 20 40.5 -5.4	
OJC		eS	MLR	MLR	01 51 31.5
comp=N,2693µm,21.0s,MS8.6					
BUD	Budapest 78.63 318	eP	P	01 10 53.9 +0.5	
PKSM	Moragy 78.73 316	eP	P	01 10 52.8 -1.2	
LKKS	Likavka 78.78 319	eP	P	01 10 55.8 +1.6	
LKKS		eS	sP	01 11 00.9	
LYHS	Vyhne 78.88 319	eP	P	01 10 54.0 -0.8	
VYHS		e	pP	01 11 01.3 -1.7	
VYHS		e		01 11 10.5	
VYHS		eS		01 12 04.9	
VYHS		eS		01 21 01.6	
KEKS	Tenkos 78.96 316	eP	P	01 10 55.6 +0.3	
STON	Ston 79.04 313	eP	P	01 10 56.7 +1.0	
PKSG	Moca 79.04 317	eP	P	01 10 56.3 +0.6	
SROZ	Srobarova 79.09 318	eP	P	01 10 58.4 +2.5	
SRO		e	pP	01 11 03.5 -0.9	
SRO		e		01 11 12.3	
KOLL	Kolacno 79.18 319	eP	P	01 10 57.5 +1.1	
KOLL	Kolacno 79.18 319	eP	P	01 10 55.6 -0.8	
KOLL		e	pP	01 11 03.5 -1.2	
KOLL		e		01 11 11.6	
BRT	Bari-Castellan 79.23 311	eP	P	01 10 57.3 +0.5	
SUR	Sutherland 79.29 236	eP	P	01 10 56.0 -1.3	
comp=N,2µm,1.2s,mb7.0			LR	LR	
TIP	Timpa grande 79.44 309	eP	P	01 10 57.0 -1.0	
LTRZ	Lateralza 79.50 311	eP	P	01 10 58.9 +0.6	
OKC	Ostrava-Krasne 79.50 320	eP	P	01 10 57.2 -0.9	
OKC		e	x	01 11 12.5	
OKC		eS	AMS	AMS	01 21 05.7 +9.2
OKC		eS	AMS	AMS	01 55 50.0
RAC	Raciborz 79.50 320	eP	P	01 10 57.9 -0.2	
RAC		ePcP	PcP	01 11 05.5 -0.9	
RAC		eS	SKS	01 20 47.8 -8.7	
RAC		eSKS	SKS	01 21 12.0	
RAC		LME		01 42 32.3	
comp=N,5800µm,32.1s			MLN		01 51 05.2
RAC	comp=N,5200µm,23.7s		MLR	MLR	01 52 56.4
RAC	comp=N,2600µm,22.1s,MS8.5		MLR	MLR	01 56 01.4
BILL	comp=N,2900µm,19.9s		LR	LR	01 10 56.4 -1.7
BILL	Bilbino 79.58 21c	eP	P	01 10 56.4 -1.7	
BILL	comp=N,312nm,1.9s,mb5.9		pmax	pmax	
BILL	Bilbino 79.58 21f	eP	P	01 10 56.2 -1.9	
BILL	comp=N,479nm,1.2s,mb6.3		LR	LR	
comp=N,14099µm,19.0s,MS9.3			LR	LR	
FX1	Attu Island-79 79.37 31f	eP	P	01 10 57.4 -1.2	
GRI	Girifalco 79.67 309	eP	P	01 11 00.3 +1.0	
JAVC	Velka Javorina 79.70 319	eP	P	01 10 59.3 +0.1	
MSZ	Milford Sound 79.73 136	eP	P	01 11 00.4 +1.0	
ORU	Ororio Calabro 79.74 310	eP	P	01 11 00.0 +0.4	
SMOL	Smolenice 79.82 319	eP	P	01 11 00.7 +0.9	
MORC	Moravsky Berou 79.89 320	eP	P	01 11 15.7 +4.8	
MORC		eS	pmax	pmax	01 10 59.4 -0.8
MORC	comp=N,210nm,1.4s,mb5.9		pmax	pmax	
MORC	Moravsky Berou 79.89 320f	eP	P	01 10 59.5 -0.7	
SOI	Samo 79.91 308	eP	P	01 11 06.8 -2.0	
ZST	Bratislava 80.00 318	eP	P	01 11 00.2 -0.6	
ZST		e	pP	01 11 07.9 -1.3	
ZST		e		01 11 15.9	
ZST		eS		01 21 07.2 +5.5	
ZST	Bratislava 80.00 318	eP	P	01 11 00.3 -0.5	
ZST	Bratislava 80.00 318	eP	P	01 11 00.2 -0.6	
ZST		e	sP	01 11 07.8 -1.3	
ZST		eS	pP	01 11 15.9 +4.1	
ZST		ePP	PP	01 13 53.7 -1.1	
ZST		eS	S	01 21 07.2 +5.5	
ARCES	ARCES Array B 80.03 340	eP	P	01 10 59.9 -0.7	
ARCES	comp=N,42nm,0.5s,baz=93,slow=5.3,SNR=100		S	S	01 21 10.9 +9.4
ARCES	comp=N,57nm,0.7s,baz=79,slow=4.6,SNR=1.8		S	S	01 50 44.8
AREO	AREO Array S 80.03 340f	eP	P	01 10 59.8 -0.8	
JCY	Jackson Bay 80.15 136	eP	P	01 11 02.9 +1.2	
SMY	Shemya 80.15 37	eP	P	01 11 02.0 +0.5	
SMY	comp=N,480nm,1.0s,mb5.4		pmax	pmax	
SMY	Shemya 80.15 37	eP	P	01 11 04.5 +3.0	
SMY	comp=N,623nm,1.1s,mb5.5		LR	LR	
SCLL	Scilla 80.19 308	eP	P	01 11 08.2 -2.1	
FGMS	Monte Sant'Ang 80.23 312	eP	P	01 11 07.4 -2.4	

SISC	Sisak 80.23 315	eP	P	01 11 01.4 -0.7	
SOP	Sopron 80.31 318	eP	P	01 11 03.6 +1.1	
SOP	Sopron 80.31 318f	ePcP	PcP	01 11 10.6 +0.7	
MRG	Morigerati 80.43 310	eP	P	01 11 04.5 +1.2	
VRAC	Vranov 80.45 319	eP	P	01 11 02.7 -0.5	
comp=N,211nm,0.7s,baz=89,slow=6.6,SNR=20					
GKP	Gorka Klasztor 80.50 323	eP	P	01 11 05.4 +2.1	
GKP		ePcP	PcP	01 11 15.8 +5.2	
GKP		eS	SKS	01 21 15.9 +9.1	
GKP		eS	SKS	01 21 20.4	
GKP		eSKS	SKS	01 21 25.2 +2.6	
GKP		LR	LR		
comp=N,25960µm,32.8s,MS8.7					
GKP	Gorka Klasztor 80.50 323	eP	P	01 11 08.8 +5.5	
GKP		ePcP	PcP	01 11 15.8 +5.2	
GKP		eS	SKS	01 21 15.9 +9.1	
GKP		eS	SKS	01 21 20.4	
GKP		eSKS	SKS	01 21 25.2 +2.6	
GKP		MLR	MLR	01 44 52.8	
comp=N,25960µm,32.8s,MS8.7					
RGN	Rignano Grg 80.50 312	eP	P	01 11 03.7 0.0	
AGST	Augusta-Monte 80.52 307	eP	P	01 11 04.1 +0.3	
FG4	Candela 80.52 311	eP	P	01 11 04.7 +1.0	
VKA	Vienna 80.53 318f	eP	P	01 11 02.7 -0.9	
KRUC	Moravsky 80.55 319	eP	P	01 11 03.8 +0.1	
SGO	Sicignano 80.64 310	eP	P	01 11 05.5 +1.1	
KTK1	Kautokeino 80.66 340	eP	P	01 11 03.8 -0.1	
comp=N,2.5µm,1.4s,mb7.2		Amb	AMB		
FG5	Orsara di Pugl 80.72 311	eP	P	01 11 05.8 +1.0	
DPC	Dobruska-Polom 80.73 320f	eP	P	01 11 04.4 -0.2	
DPC		e	MLR	MLR	01 11 19.6
comp=N,3487µm,19.6s,MS8.7					
DPC	Dobruska-Polom 80.73 320f	eP	P	01 11 04.4 -0.2	
DPC		eS	x	01 11 19.6	
DPC		eS	x	01 21 24.5 +1.5	
DPC		AMS	AMS	01 55 10.0	
comp=N,3487µm,19.6s					
PZI	Palazzolo 80.73 307	eP	P	01 11 14.2 +9.3	
KSP	Ksiaz 80.80 321f	eP	P	01 11 04.3 -0.7	
KSP		e	pP	01 11 13.3 -2.0	
KSP		e		01 11 19.1	
KSP		eS	S	01 21 14.0 +4.0	
KSP		eS	MLR	MLR	01 21 23.3
comp=N,27641µm,23.3s,MS9.0					
KSP	Ksiaz 80.80 321f	eP	P	01 11 04.3 -0.7	
KSP		eP	pP	01 11 06.6 -6.9	
KSP		eP	pP	01 11 11.3 -2.0	
KSP		eS	SKS	01 11 19.1	
KSP		eS	SKS	01 21 14.0 +4.0	
KSP		eSKS	SKS	01 21 23.3 -1.5	
KSP		LR	LR		
comp=N,27641µm,23.3s,MS9.0					
KSP	Ksiaz 80.80 321	eP	P	01 11 04.7 -0.3	
KSP		eP	pP	01 11 11.9 -1.4	
KSP		ePcP	PcP	01 11 18.6 +6.6	
KSP		eSKS	SKS	01 21 25.1 +0.3	
KSP		eS	SKS	01 21 33.3 +6.2	
KSP		MLR	MLR	01 43 02.5	
comp=N,27113µm,35.1s,MS8.8			LMN		01 43 07.8
comp=N,25983µm,36.4s			LME		01 43 11.7
comp=N,27589µm,35.7s					
SLNA	Salina 80.90 308	eP	pP	01 11 13.4 -0.7	
UPC	Upice 80.94 320f	eP	x	01 11 21.0 -0.3	
UPC		eS	x	01 21 26.4 +1.5	
UPC		eS	pP	01 11 05.9 -0.1	
ARSA	Arzberg 80.97 317	eP	P	01 11 22.9	
comp=N,295nm,1.1s					
LEGS	Legarie 81.01 316	eP	P	01 11 05.4 -0.8	
BOJS	Bojanci 81.02 315	eP	P	01 11 05.3 -1.0	
BOJS		ePcP	PcP	01 11 12.8 -0.3	
BOJS		eS	S	01 21 25.2 +1.3	
VAE	Valguarnera 81.18 307	eP	P	01 11 07.6 +0.4	
comp=N,34nm,0.8s,baz=114,slow=10.0,SNR=3.4			LR	LR	01 47 47.0
comp=N,21188µm,20.3s,baz=5.5,slow=36					
PERS	Pernice 81.20 317	eP	P	01 11 06.6 -0.6	
PERS		e	pP	01 11 13.9 -1.6	
PERS		e	pP	01 11 06.1 -1.2	
TUZ	Tuapeka 81.21 137	eP	P	01 11 06.2 -1.1	
TUZ	Tuapeka 81.21 137	eP	P	01 11 06.2 -1.1	
LBZ	Lake Benmore 81.22 136	eP	P	01 11 05.3 -2.0	
LBZ	Lake Benmore 81.22 136	eP	P	01 11 05.7 -1.6	
NVL	Novalla 81.22 314	eP	P	01 11 12.1 +1.9	
OVO	Vesuviano 81.35 311	eP	sP	01 11 18.3 -0.8	
SGG	Gregorio Mates 81.39 311	eP	P	01 11 13.2 +4.9	
CI	Carovilli 81.47 312	eP	P	01 11 07.8 -0.8	
comp=N,2µm,1.1s,mb5.9					
CSLB	Castelbuono 81.48 308	eP	pP	01 11 15.1 -2.0	
LJU	Ljubljana 81.56 316	eP	P	01 11 08.3 -0.8	
LJU		ePcP	PcP	0	

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SEI Scarperia, MOX Moxa, MAON Monte Argentario, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TOD Tromm, LBG Lerchheim, SPAAK Spaichingen, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LMR comp=2.1um,1.4s,mb6.9, WLF Waferdange, RUND Rundenannen, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCRV, GWJ, Green Hill, etc.

Volcan Poas 2 166.49 1 eP PKPdf 01 18 58.6 -2.1
Gerro Gallo 2 166.68 2 eP PKPdf 01 18 59.0 -1.0
PRSI Puriscal 166.69 1 eP PKPdf 01 18 59.0 -1.0

Volcan Irazu 166.69 359 eP PKPdf 01 18 59.5 -1.4
Escuela Geolog 166.74 360 eP PKPdf 01 18 58.8 -2.1

Jicaral 166.79 4 eP PKPdf 01 18 59.2 -1.7
Bijagal 166.81 4 eP PKPdf 01 19 00.4 -0.6

Urasca 166.83 359 eP PKPdf 01 18 59.2 -1.8
La Lucha 2 166.93 360 eP PKPdf 01 18 59.2 -1.8

Buena Vista 167.11 358 eP PKPdf 01 19 00.1 -1.1
El Rosal 167.24 310 PKP PKPdf 01 18 59.2 -2.1

Cerro Adams 167.98 356 eP PKPdf 01 18 58.9 -2.8
Nana 168.85 220 ePKPdf LR 01 18 58.7 -3.5

Puerto Ayacucho 173.25 66 ePKPdf LR 01 19 00.0 -4.7
Otavalo 173.29 3031 ePKPdf ePKPab LR 01 19 00.3 -4.4

Volcan Poas 2 166.49 1 eP PKPdf 01 18 58.6 -2.1
Gerro Gallo 2 166.68 2 eP PKPdf 01 18 59.0 -1.0

Puriscal 166.69 1 eP PKPdf 01 18 59.0 -1.0
Volcan Irazu 166.69 359 eP PKPdf 01 18 59.5 -1.4

Escuela Geolog 166.74 360 eP PKPdf 01 18 58.8 -2.1
Jicaral 166.79 4 eP PKPdf 01 18 59.2 -1.7

Bijagal 166.81 4 eP PKPdf 01 19 00.4 -0.6
Urasca 166.83 359 eP PKPdf 01 18 59.2 -1.8

La Lucha 2 166.93 360 eP PKPdf 01 18 59.2 -1.8
Buena Vista 167.11 358 eP PKPdf 01 19 00.1 -1.1

El Rosal 167.24 310 PKP PKPdf 01 18 59.2 -2.1
Cerro Adams 167.98 356 eP PKPdf 01 18 58.9 -2.8

Nana 168.85 220 ePKPdf LR 01 18 58.7 -3.5
Puerto Ayacucho 173.25 66 ePKPdf LR 01 19 00.0 -4.7

Otavalo 173.29 3031 ePKPdf ePKPab LR 01 19 00.3 -4.4
Volcan Poas 2 166.49 1 eP PKPdf 01 18 58.6 -2.1

Gerro Gallo 2 166.68 2 eP PKPdf 01 18 59.0 -1.0
Puriscal 166.69 1 eP PKPdf 01 18 59.0 -1.0

Volcan Irazu 166.69 359 eP PKPdf 01 18 59.5 -1.4
Escuela Geolog 166.74 360 eP PKPdf 01 18 58.8 -2.1

Jicaral 166.79 4 eP PKPdf 01 18 59.2 -1.7
Bijagal 166.81 4 eP PKPdf 01 19 00.4 -0.6

Urasca 166.83 359 eP PKPdf 01 18 59.2 -1.8
La Lucha 2 166.93 360 eP PKPdf 01 18 59.2 -1.8

Buena Vista 167.11 358 eP PKPdf 01 19 00.1 -1.1
El Rosal 167.24 310 PKP PKPdf 01 18 59.2 -2.1

Cerro Adams 167.98 356 eP PKPdf 01 18 58.9 -2.8
Nana 168.85 220 ePKPdf LR 01 18 58.7 -3.5

Puerto Ayacucho 173.25 66 ePKPdf LR 01 19 00.0 -4.7
Otavalo 173.29 3031 ePKPdf ePKPab LR 01 19 00.3 -4.4

Volcan Poas 2 166.49 1 eP PKPdf 01 18 58.6 -2.1
Gerro Gallo 2 166.68 2 eP PKPdf 01 18 59.0 -1.0

Puriscal 166.69 1 eP PKPdf 01 18 59.0 -1.0
Volcan Irazu 166.69 359 eP PKPdf 01 18 59.5 -1.4

Escuela Geolog 166.74 360 eP PKPdf 01 18 58.8 -2.1
Jicaral 166.79 4 eP PKPdf 01 18 59.2 -1.7

Bijagal 166.81 4 eP PKPdf 01 19 00.4 -0.6
Urasca 166.83 359 eP PKPdf 01 18 59.2 -1.8

La Lucha 2 166.93 360 eP PKPdf 01 18 59.2 -1.8
Buena Vista 167.11 358 eP PKPdf 01 19 00.1 -1.1

El Rosal 167.24 310 PKP PKPdf 01 18 59.2 -2.1
Cerro Adams 167.98 356 eP PKPdf 01 18 58.9 -2.8

Nana 168.85 220 ePKPdf LR 01 18 58.7 -3.5
Puerto Ayacucho 173.25 66 ePKPdf LR 01 19 00.0 -4.7

GERES GERRS Array B 8.61 298 Pn P 01 05 24.2 -1.9
FINES FINESS Array B 16.07 1 Pn P 01 06 58.0 -7.7
NOA NORS Array B 17.71 337 P P 01 07 24.3 -2.2

IDC 26 01:06:10.9, 1.5, 9.84N-94.11E, mb6.6/4, mb1 7.0/5,
mb1mx6.5/18, ML7.1/1, MS8.6/3, Ms1 8.6/3, ms1mx7.2/28,
Error ellipse: s-maj=54.8km s-min=32.5km az=40.0,

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

IDC 26 01:17:04.9, 1.2, 4.81N-94.12E, mb5.4/8, mb1 5.4/9,
mb1mx5.2/21, ML5.4/1, Error ellipse: s-maj=46.8km
s-min=22.8km az=47.0

NEIC 26 01:17:10.3, 0.7, 4.94N-94.27E, h30km, mb5.5/6, Error
ellipse: s-maj=21.0km s-min=14.7km az=67.0

ISC 26 01:17:09.0, 0.6, 4.92N-10.10, 94.51E, 0.07, h30km, n24,
c139/25, mb5.5, 4/14, Off west coast of northern
Sumatera

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

IDC 26 01:18:46.1, 12.0, 3.95N-94.22E, mb5.3/6, mb1 5.6/6,
mb1mx5.4/19, Error ellipse: s-maj=296.0km
mb1mx25.8km az=145.0, Off west coast of northern
Sumatera

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

IDC 26 01:18:46.1, 12.0, 3.95N-94.22E, mb5.3/6, mb1 5.6/6,
mb1mx5.4/19, Error ellipse: s-maj=296.0km
mb1mx25.8km az=145.0, Off west coast of northern
Sumatera

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

IDC 26 01:21:19.5, 1.8, 6.46N-93.43E, h30km, mb5.9/14, Error
ellipse: s-maj=13.0km s-min=10.5km az=110.0

BUI 26 01:21:19.6, 6.18, 18.94N-93.20E, h39km, mb6.5, mb6.1
NEIC 26 01:21:20.7, 0.2, 6.34N-93.36E, h30km, mb6.1/49, Error
ellipse: s-maj=7.9km s-min=5.9km az=33.0

SYO 26 01:21:21.0, 3.6, 3.33N-10.05, 93.99E, 0.04, h30km,
(h31km, 1.9km; pP-P), n204, c1807/164, mb5.9, 8/5, 2C-2D,

IDC 26 01:21:16.0, 0.4, 6.47N-93.44E, mb5.5/27, mb1 5.6/27,
mb1mx5.5/31, Error ellipse: s-maj=20.0km s-min=11.6km
az=41.0

MOS 26 01:21:19.5, 1.8, 6.46N-93.43E, h30km, mb5.9/14, Error
ellipse: s-maj=13.0km s-min=10.5km az=110.0

BUI 26 01:21:19.6, 6.18, 18.94N-93.20E, h39km, mb6.5, mb6.1
NEIC 26 01:21:20.7, 0.2, 6.34N-93.36E, h30km, mb6.1/49, Error
ellipse: s-maj=7.9km s-min=5.9km az=33.0

SYO 26 01:21:21.0, 3.6, 3.33N-10.05, 93.99E, 0.04, h30km,
(h31km, 1.9km; pP-P), n204, c1807/164, mb5.9, 8/5, 2C-2D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM31, VIS, TRD, etc.

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

IDC 26 01:06:10.9, 1.5, 9.84N-94.11E, mb6.6/4, mb1 7.0/5,
mb1mx6.5/18, ML7.1/1, MS8.6/3, Ms1 8.6/3, ms1mx7.2/28,
Error ellipse: s-maj=54.8km s-min=32.5km az=40.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJT, AAK, DL2, etc.

IDC 26 01:17:04.9, 1.2, 4.81N-94.12E, mb5.4/8, mb1 5.4/9,
mb1mx5.2/21, ML5.4/1, Error ellipse: s-maj=46.8km
s-min=22.8km az=47.0

NEIC 26 01:17:10.3, 0.7, 4.94N-94.27E, h30km, mb5.5/6, Error
ellipse: s-maj=21.0km s-min=14.7km az=67.0

ISC 26 01:17:09.0, 0.6, 4.92N-10.10, 94.51E, 0.07, h30km, n24,
c139/25, mb5.5, 4/14, Off west coast of northern
Sumatera

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

IDC 26 01:18:46.1, 12.0, 3.95N-94.22E, mb5.3/6, mb1 5.6/6,
mb1mx5.4/19, Error ellipse: s-maj=296.0km
mb1mx25.8km az=145.0, Off west coast of northern
Sumatera

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

IDC 26 01:18:46.1, 12.0, 3.95N-94.22E, mb5.3/6, mb1 5.6/6,
mb1mx5.4/19, Error ellipse: s-maj=296.0km
mb1mx25.8km az=145.0, Off west coast of northern
Sumatera

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

IDC 26 01:21:19.5, 1.8, 6.46N-93.43E, h30km, mb5.9/14, Error
ellipse: s-maj=13.0km s-min=10.5km az=110.0

BUI 26 01:21:19.6, 6.18, 18.94N-93.20E, h39km, mb6.5, mb6.1
NEIC 26 01:21:20.7, 0.2, 6.34N-93.36E, h30km, mb6.1/49, Error
ellipse: s-maj=7.9km s-min=5.9km az=33.0

SYO 26 01:21:21.0, 3.6, 3.33N-10.05, 93.99E, 0.04, h30km,
(h31km, 1.9km; pP-P), n204, c1807/164, mb5.9, 8/5, 2C-2D,

IDC 26 01:21:16.0, 0.4, 6.47N-93.44E, mb5.5/27, mb1 5.6/27,
mb1mx5.5/31, Error ellipse: s-maj=20.0km s-min=11.6km
az=41.0

MOS 26 01:21:19.5, 1.8, 6.46N-93.43E, h30km, mb5.9/14, Error
ellipse: s-maj=13.0km s-min=10.5km az=110.0

BUI 26 01:21:19.6, 6.18, 18.94N-93.20E, h39km, mb6.5, mb6.1
NEIC 26 01:21:20.7, 0.2, 6.34N-93.36E, h30km, mb6.1/49, Error
ellipse: s-maj=7.9km s-min=5.9km az=33.0

SYO 26 01:21:21.0, 3.6, 3.33N-10.05, 93.99E, 0.04, h30km,
(h31km, 1.9km; pP-P), n204, c1807/164, mb5.9, 8/5, 2C-2D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM31, VIS, TRD, etc.

26d 1h

Table of satellite data for 26d 1h, listing stations like Boshof, Posz, OSK, etc., with columns for station name, coordinates, and various parameters.

2004 DEC

Table of satellite data for 2004 DEC, listing stations like ULM, NVAR, PDAR, etc., with columns for station name, coordinates, and various parameters.

608

Table of satellite data for 608, listing stations like VYHS, SRO2, SRO2, etc., with columns for station name, coordinates, and various parameters.

Additional text at the bottom right of the page, including a table with columns for station name, coordinates, and various parameters.





26d 1h

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

IDC 26 01:30:11.20.7, 8.90N-93.61E, mb5.4/21, mb1 5.4/21, mb1mx5.4/26, Error ellipse: s-maj=23.2km s-min=20.1km az=34.0

NEIC 26 01:30:15.70.5, 8.83N-93.71E, h30km, mb5/9, Error ellipse: s-maj=18.4km s-min=12.2km az=69.0

ISC 26 01:30:14.20.6, 8.8N-0.1, 93.62E-0.09, h30km, n64, e1903/52, mb5.4/27, Nicobar Islands region

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

2004 DEC

Table with columns: BRG, Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like GERRS Array B, Kasperke Hory, HFS Hagfors, etc.

IDC 26 01:33:18.30.8, 7.74N-93.68E, mb5.0/15, mb1 5.1/15, mb1mx4.9/21, Error ellipse: s-maj=36.9km s-min=23.1km az=47.0

NEIC 26 01:33:22.40.4, 7.76N-93.71E, mb5/9, Error ellipse: s-maj=22.2km s-min=11.7km az=49.0

BUI 26 01:33:22.3, 7.80N-93.70E, h25km, mb6.0

ISC 26 01:33:21.60.8, 7.8N-0.2, 93.7E-0.1, h33km, (h32km, 9km, p-P), n50, e1900/30, mb5.3/24, 2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LSA Lhasa, GTA Gaotai, HHC Hu-ho-hao-te, etc.

610

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

IDC 26 01:35:47.9.1.3, 10.69N-91.65E, mb4.9/6, mb1 5.1/7, mb1mx4.8/19, Error ellipse: s-maj=46.1km s-min=29.4km az=62.0

ISC 26 01:35:50.81.2, 10.7N-0.2, 91.8E-0.2, h33km, n8, e092/7, mb4.9/6, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, etc.

IDC 26 01:36:38.7.1.0, 6.45N-94.69E, mb5.0/11, mb1 5.1/12, mb1mx4.9/21, M5.9/1, Error ellipse: s-maj=33.4km s-min=19.7km az=42.0

ISC 26 01:36:42.20.8, 6.6N-0.1, 94.9E-0.1, h33km, n13, e1920/12, mb5.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SOMN Songino Array, etc.

IDC 26 01:38:27.3.1.4, 5.03N-93.53E, mb4.8/8, mb1 5.0/9, mb1mx4.7/19, Error ellipse: s-maj=64.8km s-min=21.7km az=53.0

ISC 26 01:38:20.2.1.0, 4.9N-0.1, 93.5E-0.2, h33km, n9, e087/19, mb4.7/8, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SOMN Songino Array, etc.

IDC 26 01:38:44.50.7, 13.13N-93.38E, mb4.7/14, mb1 4.9/15, mb1mx4.8/21, M5.2/1, Error ellipse: s-maj=28.5km s-min=18.3km az=46.0

ISC 26 01:38:48.20.7, 13.2N-0.1, 93.5E-0.1, h33km, n21, e042/15, mb4.7/14, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SOMN Songino Array, etc.





Table with columns: BRG, Berggiesshubel, 79.87 321 eP, P, 02 00 56.4 +1.3. Includes stations like GERESS Array S, GERESS Array T, GERESS Array B, etc.

Table with columns: YFT, Old Faithful, 125.41 22 ePKPdf, PKPdf, 02 07 49.9 +3.9. Includes stations like WCN, Washoe City, WCN, Washoe City, etc.

Table with columns: NB2, NORSAR Subarra 84.18 331 P, pP, 02 03 27.0 -0.8. Includes stations like NOA, NORSAR Array B, etc.

Station names and coordinates: IDC 26 01:52:10.8, 0.7, 7.1N-93.54E, mb4.9/13, mb1 5.0/13, mb1mx4.9/19, Error ellipse: s-maj=37.0km s-min=18.3km az=52.0

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

Station names and coordinates: BJI 26 01:52:40.0, 10.40N-92.10E, h12km, mb5.5. IDC 26 01:52:41.1, 0.7, 10.32N-92.07E, mb5.0/23, mb1 5.1/23, mb1mx5.0/27, Error ellipse: s-maj=18.8km s-min=11.6km az=42.0

Station names and coordinates: NEIC 26 01:52:43.0, 6.8, 10.38N-92.12E, h12km, 4.1km, mb5.2/12, Error ellipse: s-maj=11.0km s-min=7.7km az=23.0

Station names and coordinates: IDC 26 01:52:44.3, 0.3, 10.37N-92.07E, 16E.0/17, h33km, (h33km,1.7km;pP-P), n57,d097.9Z, mb5.2/35, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSA, Lhasa, PTH, Pithoragarh, etc.





















Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like INK Inuvik, MENT Mentasta, DAWSON Dawson, etc.

ellipse: s-maj=112.0km s-min=50.1km az=18.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, AKASA Malin Arr, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like XAN Gaotai, KSH Kashi, HU-ho-hao-te, etc.

ellipse: s-maj=112.0km s-min=50.1km az=18.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ellipse: s-maj=112.0km s-min=50.1km az=18.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.



Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like KZD, PET, PVL, MLR, AOS, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like WET, CLL, NKC, SYO, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like LBL, AGO, PYM, VYDA, etc.



Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PCP, BLSS, BLS5, FIN, ORX, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SNA4, SNA5, SNA6, FCC, EDM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPAZ, LPZ2, LPZ3, NEIC, BUI, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLS Kolonickie sedl, SUW Suwalki, CRVS Cervenica-Dubn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRS Serrai, LIT Litokhoron, GRG Griva, etc.

IDC 26 02:40:31.6:1.1, 9.01N-93.28E, mb4.6/10, mb1 4.8/10, mb1mx4.6/19, Error ellipse: s-maj=93.0km s-min=20.5km az=46.0

ISC 26 02:40:34.7:1.0, 8.9N-104.933E, 0.4, h33km, n13, 0.85/13, mb4.6/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PONG Pong, DLH Dalhousie, THN Thein Dam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, MALT Malatya, EIL Elat, etc.

IDC 26 02:43:00.3:0.7, 9.14N-93.98E, mb4.8/13, mb1 4.9/13, mb1mx4.8/19, Error ellipse: s-maj=34.1km s-min=19.6km

NEIC 26 02:43:05.3:0.3, 9.22N-94.01E, h30km, mb4.9/19, Error ellipse: s-maj=11.6km s-min=8.0km az=84.0

ISC 26 02:43:04.0:4.0, 9.21N-107.94E, 0.1, h30km, n57, 0.96/41, mb4.8/26, 12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, COCO West Island, ENH Enshi, etc.

IDC 26 02:40:55.1:0.6, 7.47N-92.45E, mb5.1/22, mb1 5.2/23, mb1mx5.1/27, M.L5.5/1, Error ellipse: s-maj=23.8km s-min=12.4km az=37.0

MOS 26 02:40:58.2:1.1, 7.50N-92.51E, h33km, mb5.3/15, Error ellipse: s-maj=17.5km s-min=8.2km az=124.1

BUI 26 02:40:58.3:7.61N-92.39E, h24km, mb5.3

NEIC 26 02:40:59.9:0.3, 7.48N-92.43E, h30km, mb5.4/22, Error ellipse: s-maj=7.7km s-min=6.1km az=199.0

IDC 26 02:40:55.1:0.6, 7.47N-92.45E, mb5.1/22, mb1 5.2/23, mb1mx5.1/27, M.L5.5/1, Error ellipse: s-maj=23.8km s-min=12.4km az=37.0

MOS 26 02:40:58.2:1.1, 7.50N-92.51E, h33km, mb5.3/15, Error ellipse: s-maj=17.5km s-min=8.2km az=124.1

BUI 26 02:40:58.3:7.61N-92.39E, h24km, mb5.3

NEIC 26 02:40:59.9:0.3, 7.48N-92.43E, h30km, mb5.4/22, Error ellipse: s-maj=7.7km s-min=6.1km az=199.0

IDC 26 02:40:55.1:0.6, 7.47N-92.45E, mb5.1/22, mb1 5.2/23, mb1mx5.1/27, M.L5.5/1, Error ellipse: s-maj=23.8km s-min=12.4km az=37.0

MOS 26 02:40:58.2:1.1, 7.50N-92.51E, h33km, mb5.3/15, Error ellipse: s-maj=17.5km s-min=8.2km az=124.1

BUI 26 02:40:58.3:7.61N-92.39E, h24km, mb5.3

NEIC 26 02:40:59.9:0.3, 7.48N-92.43E, h30km, mb5.4/22, Error ellipse: s-maj=7.7km s-min=6.1km az=199.0



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Sonseca Array, SPU Moun Spurr, Eielson Array, SBA Scott Base, INK Inuvik, RES Resolute Bay, SNAA Snaae, SNOW Snow King Moun, REDW Red Top Meadow, NVAR Mina Array, MNV Mina, PDAR Pinedale Array, ANMO Albuquerque, TXAR Lajitas Array, BDFB Brasilia, SJG San Juan, SJG Puerto La Cruz, SDV Santo Domingo, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz.

JMA 26:02:43:30.7±0.1, 37.13N±141.06E, h54km±1km, M3.7 JMA Fall 11
ISC 26:02:43:29.8±1.2, 37.12N±0.05±141.2E±0.1, h47km±8km, n13, ±0.65/21, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ONAJ Iwakimizuishi, ONAJ Kawauchi, JFK Hitachi, JHO Hitachi, JFT Otama, JMM Marumori, JMM Yanaizu, JOU Okura, JYO Shiri, JYS Shirataka, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro.

IDC 26:02:44:46.4±1.1, 7.04N±93.99E, mb4.6/11, mb1 4.8/11, mb1mx4.6/19, Error ellipse: s-maj=53.7km s-min=20.5km az=47.0
ISC 26:02:44:49.8±0.9, 7.0N±0.2±94.1E±0.2, h33km, n13, ±18/13, mb4.6/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, BVAR Borovoye Array, AKASG Malin Array, MLR Munleto Rosu, FINES FINESS Array, ARCES ARCES Array, GERES GERES Array, CLL Collin, NOA NORSAR Subarra, ILAR Eielson Array.

IDC 26:02:45:13.0±0.4, 8.52N±92.61E, mb5.0/28, mb1 5.1/29, mb1mx5.0/30, Error ellipse: s-maj=18.6km s-min=11.1km az=44.0
BUJ 26:02:45:16.2±0.8, 7.0N±92.54E, h18km, mb5.4
NEIC 26:02:45:17.6±0.2, 8.46N±92.61E, h30km, mb5.2/36, Error ellipse: s-maj=5.7km s-min=4.6km az=225.0
ISC 26:02:45:14.9±0.3, 8.41N±0.05±92.60E±0.05, h24km, h24km±2.0km±pp-P, n138, ±0.93/115, mb5.6/11, 1C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kuning, QIZ Qiongzong, LSA Lhasa, GYA Guiyang, CD2 Chengdu, ENH Enshi, GTA Gaotai, TIA Tai'an, HHC Hu-ho-hao-te, UCH Uchto, KBK Karagaybulak, TKM2 Tokmak 2, AAK Almayashu, AAK Ala-Archa, CHMS Chumysh, BJT Baijiatuu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EKSS Erkin-Say, USP Oshpenovka, JOW Kamami, MBWA Marble Bar, DL2 Dalian, SONM Songino Array, ULN Ulantzagan, KLYS Wonju Array, TL15 Talaya, CN2 Changchun, ZAL Zalesovo, HIA Hailar, NWAO Narrogin (SRO), NWAO Narrogin (SRO), BVAR Borovoye Array, BRVK Borovoye Array, CHKZ Chkalovo, WRA Wangzong Arr, WRAB Tennant Creek, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, ASAR Alice Springs, ASAR Alice Springs, GNI Garmi, ARU Art, KIV Kislovodsk, KMBO Kilima Mbogo, KMBO Kilima Mbogo, ASAF Ashikawa, ASAJ Jabal al Asfar, MALT Malatya, PMG Port Moresby, PMG Port Moresby, YSS Yuz Sakhalins, EIL Eliat, EIL Eliat, CTA Charters Tower, CTA Charters Tower, CSS Prodromos, BRTR Keskin Array, STKA Stephens Creek, STKA Stephens Creek, MTKA MTKA, AKASG Malin Array, MLR Munleto Rosu, LSR Lusaka, KOLS Kolonic sedl, SUW Suwaki, CRVS Cervenica-Dubn, FINES FINESS Array, KAF Kangasniemi, KECS Kecoovo, VYHS Vyhne, LBTB Lobatse, OKC Ostrava-Krasne, SMOL Smol, ARCES ARCES Array, BOSA Boshof, DPC Dobruska-Polom, KSP Ksp, KSP Ksp, UPC Upice, PRU Pruhonice, PRU Panska Ves, BILG Bilbino, GERG Berggiesshobel, GERG GERE Array, GERES GERES Array, KHC Kasperske Hory, RUT Ruedersdorf, WET Wetzell, CLL Collin, MXX Moxa, MXX Moxa, FOX Furstenfeldbrunn, GRA Grafenberger Arr, NOA NORSAR Array, CLZ Clausthal, BSEG Bad Segeberg, MAW Mawson, MAW Mawson, MAW Mawson, MAW Sutherland, BFO Black Forest, LPL La Plagne, BNI Bardonecchia, RPZ Rata Peaks, ESDC Sonseca Array, URZ Urewera, ILAR Eielson Array, DBIC Dimbokro, DBIC Dimbokro, INK Inuvik, INK Inuvik, RES Resolute Bay, RES Resolute Bay.

ISC 26:02:43:30.7±0.1, 37.13N±141.06E, h54km±1km, M3.7 JMA Fall 11
ISC 26:02:43:29.8±1.2, 37.12N±0.05±141.2E±0.1, h47km±8km, n13, ±0.65/21, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, YKA Yellowknife Arr, MOOV Moose Ponds, WUWU Wally Ulric, SNOW Snow King Moun, REDW Red Top Meadow, BW06 Boulder Array, PDAR Pinedale Array, NVAR Mina Array, MNV Mina, MVU Marysville, MVU Albuquerque, TXAR Lajitas Array, JCT Junction City, BDFB Brasilia, SJG San Juan, SJG San Juan, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SDV Santo Domingo, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, IDC 26:02:46:18.6±1.5, 6.99N±94.06E, mb4.6/7, mb1 4.7/7, mb1mx5.0/18, Error ellipse: s-maj=48.0km s-min=12.0km az=60.0, Nicobar Islands region, ASAR Alice Springs, BVAR Borovoye Array, BRTR Keskin Array, FINES FINESS Array, KAF Kangasniemi, ARCES ARCES Array, GERES GERES Array, NOA NORSAR Array, BUJ 26:02:46:11.4±3.2, 22N±93.27E, h30km, mb5.4, IDC 26:02:46:16.0±0.5, 4.20N±93.55E, mb4.9/21, mb1 5.0/22, mb1mx4.9/27, Error ellipse: s-maj=21.0km s-min=13.2km az=60.0, NEIC 26:02:46:20.7±0.2, 4.24N±93.61E, h30km, mb5.7/14, Error ellipse: s-maj=8.5km s-min=6.6km az=52.0, ORF 26:02:46:22.1±4.4, 4.3N±93.53E, h30km, mb5.6, ISC 26:02:46:18.7±0.3, 4.17N±0.06±93.56E±0.05, h30km, n97, ±150/82, mb5.2/42, 1C, Off west coast of northern Sumatara, CM31 Chiang Mai Arr, KOD Kodakainal, SHL Shillong, SHL Shillong, QIZ Qiongzong, GOA Goa, KMI Kuning, KMI Kuning, AKL Akola, GYA Guiyang, GYA Guiyang, LSA Lhasa, LSA Lhasa, ENH Enshi, GTA Gaotai, GTA Gaotai, BTA Marble Bar, WMQ WMO, WMQ WMO, WMQ WMO, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BJT Baijiatuu, AAK Ala-Archa, DL2 Dalian, NWAO Narrogin (SRO), INCN Inchon, SONM Songino Array, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, QRN Al-Qurain, RDF Al-Radifrah, RDF Al-Radifrah, ZAL Zalesovo, UMR Umm Al-Rimman, UMR Umm Al-Rimman, RST Umm Al-Ruwaiss, RST Umm Al-Ruwaiss, MDJ Mudjanjig, BVAR Borovoye Array, BVAR Borovoye Array, KMBO Kilima Mbogo, KMBO Kilima Mbogo, GNI Garmi, CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, YKA Yellowknife Arr, MOOV Moose Ponds, WUWU Wally Ulric, SNOW Snow King Moun, REDW Red Top Meadow, BW06 Boulder Array, PDAR Pinedale Array, NVAR Mina Array, MNV Mina, MVU Marysville, MVU Albuquerque, TXAR Lajitas Array, JCT Junction City, BDFB Brasilia, SJG San Juan, SJG San Juan, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SDV Santo Domingo, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, IDC 26:02:46:18.6±1.5, 6.99N±94.06E, mb4.6/7, mb1 4.7/7, mb1mx5.0/18, Error ellipse: s-maj=48.0km s-min=12.0km az=60.0, Nicobar Islands region, ASAR Alice Springs, BVAR Borovoye Array, BRTR Keskin Array, FINES FINESS Array, KAF Kangasniemi, ARCES ARCES Array, GERES GERES Array, NOA NORSAR Array, BUJ 26:02:46:11.4±3.2, 22N±93.27E, h30km, mb5.4, IDC 26:02:46:16.0±0.5, 4.20N±93.55E, mb4.9/21, mb1 5.0/22, mb1mx4.9/27, Error ellipse: s-maj=21.0km s-min=13.2km az=60.0, NEIC 26:02:46:20.7±0.2, 4.24N±93.61E, h30km, mb5.7/14, Error ellipse: s-maj=8.5km s-min=6.6km az=52.0, ORF 26:02:46:22.1±4.4, 4.3N±93.53E, h30km, mb5.6, ISC 26:02:46:18.7±0.3, 4.17N±0.06±93.56E±0.05, h30km, n97, ±150/82, mb5.2/42, 1C, Off west coast of northern Sumatara, CM31 Chiang Mai Arr, KOD Kodakainal, SHL Shillong, SHL Shillong, QIZ Qiongzong, GOA Goa, KMI Kuning, KMI Kuning, AKL Akola, GYA Guiyang, GYA Guiyang, LSA Lhasa, LSA Lhasa, ENH Enshi, GTA Gaotai, GTA Gaotai, BTA Marble Bar, WMQ WMO, WMQ WMO, WMQ WMO, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BJT Baijiatuu, AAK Ala-Archa, DL2 Dalian, NWAO Narrogin (SRO), INCN Inchon, SONM Songino Array, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, QRN Al-Qurain, RDF Al-Radifrah, RDF Al-Radifrah, ZAL Zalesovo, UMR Umm Al-Rimman, UMR Umm Al-Rimman, RST Umm Al-Ruwaiss, RST Umm Al-Ruwaiss, MDJ Mudjanjig, BVAR Borovoye Array, BVAR Borovoye Array, KMBO Kilima Mbogo, KMBO Kilima Mbogo, GNI Garmi, CTA Charters Tower, CTA Charters Tower.

ISC 26:02:43:30.7±0.1, 37.13N±141.06E, h54km±1km, M3.7 JMA Fall 11
ISC 26:02:43:29.8±1.2, 37.12N±0.05±141.2E±0.1, h47km±8km, n13, ±0.65/21, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, YKA Yellowknife Arr, MOOV Moose Ponds, WUWU Wally Ulric, SNOW Snow King Moun, REDW Red Top Meadow, BW06 Boulder Array, PDAR Pinedale Array, NVAR Mina Array, MNV Mina, MVU Marysville, MVU Albuquerque, TXAR Lajitas Array, JCT Junction City, BDFB Brasilia, SJG San Juan, SJG San Juan, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SDV Santo Domingo, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, IDC 26:02:46:18.6±1.5, 6.99N±94.06E, mb4.6/7, mb1 4.7/7, mb1mx5.0/18, Error ellipse: s-maj=48.0km s-min=12.0km az=60.0, Nicobar Islands region, ASAR Alice Springs, BVAR Borovoye Array, BRTR Keskin Array, FINES FINESS Array, KAF Kangasniemi, ARCES ARCES Array, GERES GERES Array, NOA NORSAR Array, BUJ 26:02:46:11.4±3.2, 22N±93.27E, h30km, mb5.4, IDC 26:02:46:16.0±0.5, 4.20N±93.55E, mb4.9/21, mb1 5.0/22, mb1mx4.9/27, Error ellipse: s-maj=21.0km s-min=13.2km az=60.0, NEIC 26:02:46:20.7±0.2, 4.24N±93.61E, h30km, mb5.7/14, Error ellipse: s-maj=8.5km s-min=6.6km az=52.0, ORF 26:02:46:22.1±4.4, 4.3N±93.53E, h30km, mb5.6, ISC 26:02:46:18.7±0.3, 4.17N±0.06±93.56E±0.05, h30km, n97, ±150/82, mb5.2/42, 1C, Off west coast of northern Sumatara, CM31 Chiang Mai Arr, KOD Kodakainal, SHL Shillong, SHL Shillong, QIZ Qiongzong, GOA Goa, KMI Kuning, KMI Kuning, AKL Akola, GYA Guiyang, GYA Guiyang, LSA Lhasa, LSA Lhasa, ENH Enshi, GTA Gaotai, GTA Gaotai, BTA Marble Bar, WMQ WMO, WMQ WMO, WMQ WMO, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BJT Baijiatuu, AAK Ala-Archa, DL2 Dalian, NWAO Narrogin (SRO), INCN Inchon, SONM Songino Array, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, QRN Al-Qurain, RDF Al-Radifrah, RDF Al-Radifrah, ZAL Zalesovo, UMR Umm Al-Rimman, UMR Umm Al-Rimman, RST Umm Al-Ruwaiss, RST Umm Al-Ruwaiss, MDJ Mudjanjig, BVAR Borovoye Array, BVAR Borovoye Array, KMBO Kilima Mbogo, KMBO Kilima Mbogo, GNI Garmi, CTA Charters Tower, CTA Charters Tower.



TLY	comp=Z,473nm,2.0s,mb5.9,SNR=20	Talaya	40.13	11	eP	P	02 59 35.9 +1.3
TLY	comp=Z,221nm,1.6s,mb5.6	Talaya	40.13	11	eP	Pmax	
TLY	comp=Z,329nm,1.7s,mb5.8	Wonju Array Si	40.20	46	eP	P	02 59 35.2 -0.1
KS15	IRK	Irkutsk	40.78	11	eP	P	02 59 41.3 +1.3
IRK							03 01 15.3
IRK							03 05 51.6
ZAL	Zalesovo	41.81 353	P	P			02 59 47.8 -0.6
ZAL	Zalesovo	41.81 353	P	P			02 59 47.8 -0.6
HASS	comp=Z,277nm,0.8s	What al Ahnsa'	42.27 294	P	P		02 59 52.6 0.0
MBWA	Marble Bar	42.81 141	eP	P			02 59 55.4 -1.7
NVS	Novosibirsk	42.89 352	eP	S			02 59 52.5 -4.7
NVS							03 06 19.6 -0.8
BVA0	Borovoye Array	44.14 341	P	P			03 00 06.2 -0.7
BVA0							03 00 07.8 -0.7
BRVK	Borovoye	44.20 341	eP	P			03 00 04.7 -0.5
BRVK							03 00 06.7 -1.2
BRVK	Borovoye	44.20 341	eP	P			03 00 10.4 -0.1
QRN	AI-Qurain	44.48 298	eP	P			03 00 15.1 +1.9
UMR	Umm Al-Rimmam	44.82 299	eP	Amb	AMB		03 00 22.1
UMR							03 00 13.2 0.0
RDF	AI-Radifah	44.83 299	eP	Amb	AMB		03 00 14.5 -0.2
MDJ	Mudanjiang	45.03 37	P	P			03 00 14.5 -0.2
MDJ							03 00 14.5 -0.2
MDJ	Mudanjiang	45.03 37	P	P			03 00 17.5 -0.6
RST	Umm Al-Ruwaisa	45.42 299	eP	Amb	AMB		03 00 36.1
RST							03 00 34.2 +0.5
MAJO	Matsushiro	47.42 52	eP	P			03 00 33.9 +0.1
MAJO							03 00 33.2 -0.5
MAT	Matsushiro	47.42 52	eP	P			03 00 34.0 -0.7
DJNS	Zahran al Janu	47.42 283	P	P			03 00 34.2 -0.5
TATS	Tathith	47.52 295	P	P			03 00 37.7 -1.1
BOD	Bodaibo	48.11 15	eP	P			03 00 38.8 -0.7
ARSS	Ar Rass	48.14 294	P	P			03 00 40.0 +0.3
AFFS	'Afi'	48.17 291	P	P			03 00 42.1 -1.3
CBJ	Chichij iima	48.65 65	eP	P			03 00 45.3 +1.3
NAMS	Ar Nimas	48.72 285	P	P			03 00 46.0 +1.0
FRSS	Farasan al Kab	48.85 281	P	P			03 00 49.4 +1.0
HLJS	Baljurashi	49.29 286	P	P			03 00 50.9 +0.2
BLS	Ha'il	49.60 295	P	P			03 00 55.7 +1.1
GNI	Garni	50.13 312	P	P			03 00 55.7 +1.1
GNI	Garni	50.13 312	P	P			03 00 55.7 +1.1
GNI	Garni	50.13 312	eP	P			03 00 55.3 +0.7
TVAN	Van	50.60 310	iP	P			03 00 53.7 -4.5
CLNS	Chul'man	50.76 22	eP	P			03 00 56.2 -2.9
CLNS							03 01 00.1 -0.8
NWAO	Narogin (SRO)	50.95 153	P	P			03 00 59.5 -1.4
NWAO							03 00 59.5 -1.4
NWAO	Narogin (SRO)	50.95 153	eP	P			03 01 03.3 +1.9
ARU	Arti	51.05 336	iP	P			03 01 07.0 +0.3
ARU							03 01 10.0 +0.8
ARU	Arti	51.05 336	eP	P			03 01 10.2 -1.0
ZEI	Tsey	51.63 315	eP	P			03 01 10.2 -1.0
ZEI							03 02 22.6 +0.2
WRA	Warramunga Arr	52.28 128	P	P			03 01 11.2 -0.9
WRA							03 02 22.6
WRA	Warramunga Arr	52.28 128	P	P			03 01 10.0 -1.2
WRAB	Tennant Creek	52.28 127	eP	P			03 01 09.9 -1.2
WRAB							03 01 14.3 -0.4
YNBS	Yanbu' al Bahr	52.36 291	P	P			03 01 15.7 +0.4
KIV	Kislovodsk	52.87 316	P	P			03 01 15.7 +0.4
KIV	Kislovodsk	52.87 316	eP	P			03 01 14.8 -0.4
KIV							03 01 18.5 +2.0
GOF	Gofitskoye	53.04 318	iP	P			03 01 17.2 +0.1
GOF							03 01 17.2 +0.1
ASAJ	Asahikawa	53.11 44	P	P			03 01 17.2 +0.1
ASAJ							03 01 19.5 -0.1
UMJS	Umm Lajj	53.42 292	P	P			03 01 20.5 -2.6
ELZG	Elzig	53.94 309	iP	P			03 01 23.6 -1.1
ASAR	Alice Springs	54.12 132	P	P			03 01 25.0 -0.3
YSS	Yuzh-Sakhalins	54.25 40	eP	P			03 01 24.8 -0.5
YSS							03 01 25.5 -0.5
TBKS	Tabuk	54.31 296	P	P			03 01 25.0 -1.0
MALT	Malatya	54.32 308	eP	P			03 01 26.1 -0.9
ASF	Jabal al Asfar	54.54 301	P	P			03 01 25.3 -4.1
GZT	Gaziantep	54.78 307	iP	P			03 01 28.2 -1.1
SOC	Sochi	54.78 315	eP	P			03 02 46.6 -2.6
SOC							03 02 46.6 -2.6
SOC	Sochi	54.78 315	eP	P			03 02 46.6 -2.6
JMGS	Jabal Moqyreh	54.95 297	P	P			03 02 46.6 -2.6
YUK	Yuzh-Kuril'sk	55.31 49	eP	P			03 02 46.6 -2.6
AYUS	'Aynunah	55.43 296	P	P			03 02 46.6 -2.6
BDAS	Al Bad'	55.59 296	P	P			03 02 46.6 -2.6
JMOS	Jabal al Moall	55.64 299	P	P			03 02 46.6 -2.6
CBOT	Iskenderun	55.65 306	iP	P			03 02 46.6 -2.6
ALWS	Ihw as Safayha	55.69 297	P	P			03 02 46.6 -2.6
HQS	Haq'	55.79 297	P	P			03 02 46.6 -2.6
EIL	Eilat	55.82 297	P	P			03 02 46.6 -2.6
EIL							03 01 38.2 +1.2
YAK	Yakutsk	56.21 20	eP	P			03 01 36.5 -2.8
YAK							03 02 46.6 -2.6
YAK							03 02 46.6 -2.6

KMBO	Kilima Mbogo	56.47 260	P	P			03 01 40.7 -1.2
KMBO	Kilima Mbogo	56.47 260	eP	P			03 01 41.6 -0.3
KMBO							03 01 41.6 -0.3
ANN	Anapa	56.71 316	eP	P			03 01 41.5 -1.7
ANN							03 01 43.5 -3.0
AVNT	Avonos	57.16 308	iP	P			03 01 49.1 -1.6
CSS	Prodhromos	57.76 303	eP	P			03 01 51.7 -2.5
BRTR	Keskin Array B	58.26 309	P	P			03 01 51.7 -2.5
BRTR							03 01 51.7 -2.5
PMG	Port Moresby	58.49 109	P	P			03 01 56.1 0.0
PMG							03 01 56.1 0.0
PMG	Port Moresby	58.49 109	P	P			03 01 56.1 0.0
PMG							03 01 55.4 -0.7
BALT	Daday	58.79 311	iP	P			03 01 59.0 -0.5
SIM	Simferopol'	59.03 315	eP	P			03 02 00.8 -2.8
SGKT	Sivriyogov	59.60 310	iP	P			03 02 10.7 +2.3
MOS	Moscow	60.34 328	eP	P			03 02 03.6 -5.0
MOS							03 02 07.8 -1.1
ESKT	Eskezhir	60.35 308	iP	P			03 02 06.6 -2.3
ISP	Isparta	60.38 306	P	P			03 02 12.5 +2.0
ISP							03 02 11.6 +1.0
OBN	Obninsk	60.66 327	eP	P			03 02 19.8 -0.3
OBN							03 02 19.8 -0.3
CTA	Charters Tower	61.99 121	P	P			03 02 19.8 -0.3
CTA							03 02 19.7 -0.4
CTA	Charters Tower	61.99 121	P	P			03 02 19.5 -0.5
CTA							03 02 23.8 -0.6
MBAR	Malin Array Be	62.63 263	iP	P			03 02 25.0 -1.8
KIS	Kishinev	63.08 317	iP	P			03 02 24.0 -2.5
TIXI	Tiksi	63.08 121	iP	P			03 02 26.0 -5.4
TIXI							03 02 25.2 -1.3
TIXI	Tiksi	63.08 12	iP	P			03 02 28.0 -1.4
MA2	Magadan	63.50 29	iP	P			03 02 28.1 -1.4
MA2							03 02 28.1 -2.0
AKASG	Malin Array Be	63.58 321	P	P			03 02 28.1 -2.0
AKASG							03 02 26.0 -5.4
SKR	Severo-Kuril's	63.78 39	eP	P			03 02 26.0 -5.4
SKR							03 02 26.0 -5.4
SKR							03 02 32.4 -1.8
ALN	Alexandroupoli	64.17 309	eP	P			03 02 35.5 +0.6
SANT	Santorini	64.27 304	P	P			03 02 35.6 -0.5
STKA	Stefanos	64.44 135	P	P			03 02 35.6 -0.5
STKA	Stefanos	64.44 135	eP	P			03 02 35.8 -0.8
STKA							03 02 35.8 +1.2
MLR	Muntele Rosu	64.80 314	P	P			03 02 37.7 -0.5
MLR							03 02 37.7 -0.4
PUL	Pulkovo	65.43 331	eP	P			03 02 43.6 +1.6
PUL							03 02 42.1 -1.8
OUR	Ouranopolis	65.69 309	eP	P			03 02 44.1 -0.5
PET	Petropavlovsk	65.82 37	eP	P			03 02 44.4 -0.2
PAIG	Paliouri	65.89 308	eP	P			03 02 43.5 -1.7
SRS	Serrai	66.04 310	eP	P			03 02 45.7 -1.1
IDID	Didziasalvi	66.09 325	eP	P			03 02 44.6 -2.5
IDID							03 02 47.8 +0.6
SOH	Sokhos	66.20 309	eP	P			03 02 46.3 -1.1
XOR	Xorichiti	66.23 308	eP	P			03 02 46.9 -1.2
IGN	Ignalina	66.39 325	eP	P			03 02 47.5 -1.1
IZAR	Zarasai	66.46 326	eP	P			03 02 46.6 -2.5
IZAR							03 02 46.6 -2.5
THE	Thessaloniki	66.48 309	eP	P			03 02 45.5 -3.3
ISAL	Salakas	66.49 325	eP	P			03 02 49.0
ISAL							03 02 56.1 -1.6
KNT	Kendrikon	66.57 310	eP	P			03 02 47.5 -2.1
LVZ	Lovzero	66.71 340	iP	P			03 02 51.0 +1.0
LVZ							03 02 50.8 +1.8
LVZ							03 03 05.9 +1.3
LIT	Litokhon	66.81 308	eP	P			03 02 56.5 -1.3
AGG	Agros Georgios	66.88 307	eP	P			03 02 56.5 -1.3
GRG	Griva	66.93 309	eP	P			03 02 56.5 -1.3
BOLS	Bolvac	67.45 312	iP	P			03 02 56.5 -1.3
KWP	Kalwaria	67.52 319	eP	P			03 02 56.5 -1.3
KWP							03 02 57.9 +1.8
FNA	Florina	67.69 309	eP	P			03 02 57.9 +1.8
KOLS	Kolonice sedl	67.72 318	eP	P			03 02 56.5 -1.3
SUW	Suwalki	67.86 323	eP	P			03 02 56.5 -1.3
SUW							03 02 56.5 -1.3
SUW	Suwalki	67.86 323	eP	P			03 02 56.5 -1.3
FINES	FINES Array B	67.92 332	P	P			03 02 56.5 -1.3
FINES							03 02 56.5 -1.3
FINES	FINES Array B	67.92 332	P	P			03 02 56.5 -1.3
KAF	Kangasieni	67.99 332	eP	P			03 02 56.5 -1.3
CRVS	Cervenica-Dubn	68.25 318	eP	P			03 02 56.5 -1.3
GRUS	Griva	68.35 312	iP	P			03 02 56.5 -1.3
IGT	Igoumenitsa	68.45 308	eP	P			03 02 56.5 -1.3
KECS	Kecevo	68.45 317	eP	P			03 02 56.5 -1.3
KECS							03 02 56.5 -1.3
DEVS	Divicbare	68.88 313	iP	P			03 02 56.5 -1.3
WAR	Warsaw	68.90 321	eP	P			03 02 56.5 -1.3
NIE	Niedzica	69.05 318	eP	P			03 02 56.5 -1.3
KPN	Kyiv	69.14 316	eP	P			03 02 56.5 -1.3
PSZ	Piszkesteto	69.20 317	eP	P			



Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like LSZ Lusaka, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PAGZ Pagadian, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TLY Talaya, TLY Talaya, etc.

IDC 26 02:59:09.0, 3, 3, 23N, 94.36E, mb5.3/32, mb1 5.3/33, mb1mx5.3/33, ML5.5/1, Error ellipse: s-maj=15.5km

BUI 26 02:59:12.7, 3, 22N, 94.38E, h29km, mb6.3, mb5.3, Ms6.7, Ms26.5

MOS 26 02:59:13.6, 1.2, 3, 36N, 94.33E, h33km, mb5.9/55, Error ellipse: s-maj=9.1km

NEIC 26 02:59:14.4, 0.1, 3, 18N, 94.38E, h30km, mb5.7/70, Error ellipse: s-maj=1.4km

SYO 26 02:59:14.5, 3, 3, 21N, 94.32E, h30km, MB5.8

DJA 26 03:00:19.7, 3, 4, 0, 94N, 98.59E, h289km, 11km, mb5.1/1, Error ellipse: s-maj=162.4km

ISC 26 02:59:11.0, 0.2, 3, 19N, 0.03, 94.42E, 0.03, h20km, h20km, 1.9km, p-P, n484, s195/395, mb5.6/132, MS6.5/5, 18C-12D, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PSI Prapat, PENI Pendang, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TIA Tai'an, KSH Kashi, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TLY Talaya, TLY Talaya, etc.



26/2h

2004 DEC

632

Table with columns: RTMM, Retamin, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: FINES, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: NOA, NORSAR, Frequency, Power, Mode, and other technical details for various radio stations.





26d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Novy Kostel, Attu Island-F, MAW Mawson, etc.

IDC 26 03:06:46.2, 4.9, 10.18N-92.11E, h57km, 43km, mb4.4/17, mb1.4/6.18, mb1mx4.6/22, ML5.0/1, Error ellipse: s-maj=26.1km s-min=17.4km az=39.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

MOS 26 03:08:42.0, 8.1, 13.78N-93.08E, h33km, mb6.1/52, Error ellipse: s-maj=9.5km s-min=4.9km az=121.8, BUJ 26 03:08:42.0, 13.70N-93.00E, h30km, mb6.4, mb5.4, Ms6.4, Ms6.4

IDC 26 03:08:44.0, 4.0, 13.75N-93.08E, h29km, 2km, mb5.4/28, mb1.5/29, mb1mx5.4/31, ML5.1/1, MS6.9/1, Ms1.6/9.1, ms1mx4.7/31, Error ellipse: s-maj=14.7km s-min=8.3km az=44.0

SYO 26 03:08:44.5, 13.75N-93.08E, h30km, MB5.9, NEIC 26 03:08:44.2, 0.1, 13.75N-93.01E, h30km, mb5.9/97, Error ellipse: s-maj=5.5km s-min=3.6km az=207.0, ISC 26 03:08:42.3, 0.2, 13.75N-93.04, 0.04, h30km, h30km, 1.0km, p-P, n613, 0.09, 93/57.1, mb5.8/165, MS6.6/7, 33C-90D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

2002 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HYB Hyderabad, HYB Hyderabad, HYB Pulchoki, GUN Gumba, DMN Daman, LKN Kakani, etc.

634

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UCH Uchtor, TKM2 Tokmak, KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, etc.

WRA	Warramunga Arr	52.64 129	P	P	03 17 54.9	-1.5
WRA	comp-Z,113nm,0.8s,mb5.8,baz=306,slow=8.2,SNR=43					
WRA	comp-Z,86nm,0.9s,baz=309,slow=7.7,SNR=6.0				03 18 04.0	-1.5
WRA	comp-Z,14nm,1.0s,baz=297,slow=8.5,SNR=6.3				03 19 07.1	+1.0
WRA	Warramunga Arr	52.64 129	P	P	03 17 54.9	-1.5
WRA	comp-Z,113nm,0.9s				03 18 04.0	-1.5
WRA	comp-Z,86nm,0.9s					
WRA	comp-Z,14nm,1.0s					
WRAB	Tennant Creek	52.65 129	iP	P	03 17 55.5	-0.9
WRAB	Tennant Creek	52.65 129	eP	P	03 17 54.5	-1.9
WRAB	comp-Z,206nm,0.9s,mb6.1					
YNBS	Yanbu' al Bahr	52.81 90	P	P	03 17 57.8	+0.3
YSS	Yuzh-Sakhalins	52.95 41	iP	P	03 17 58.7	+0.4
YSS	comp-Z,43nm,0.8s,mb5.4					
YSS	Yuzh-Sakhalins	52.95 41	eP	P	03 17 58.2	-0.1
UMJS	Umm Lajj	54.54 291	P	P	03 18 03.8	+1.6
TBKS	Jabal Al Asfar	54.25 300	P	P	03 18 09.0	+1.0
ASF	Jabal Al Asfar	54.25 300	P	P	03 18 08.4	+0.4
SOC	Sochi	54.27 314	eP	P	03 18 07.5	-0.5
SOC	comp-Z,332nm,1.5s,mb6.0					
SOC	comp-N,82nm,1.7s					
SOC	comp-E,89nm,1.3s					
ASAR	Alice Springs	54.58 133	P	P	03 18 09.2	-1.4
ASAR	comp-E,99nm,1.0s,mb5.8,baz=312,slow=7.1,SNR=43				03 18 18.9	-0.8
ASAR	comp-E,84nm,0.8s,baz=310,slow=7.1,SNR=17				03 19 14.2	+0.9
ASAR	comp-E,14nm,0.8s,baz=315,slow=3.7,SNR=40.0				03 18 12.8	+0.2
JMOS	Jabal Mogryeh	54.76 296	P	P	03 18 15.6	+0.1
MKRJ	Makawir	55.26 299	P	P	03 18 16.6	+0.3
AYUS	'Ayunah	55.37 295	P	P	03 18 17.2	+0.2
DRGI	Drugot	55.47 299	P	P	03 18 17.3	+0.3
MZDA	Masada	55.48 299	P	P	03 18 17.5	+0.1
BDAS	Al Bad'	55.52 296	P	P	03 18 17.5	+0.5
IMASH	Imat Malkishu	55.52 300	P	P	03 18 17.9	0.0
ALWS	Ilv as Safayha	55.60 296	P	P	03 18 18.0	-0.2
AQBJ	Aqaba	55.63 297	P	P	03 18 18.6	-0.1
HAQS	Haql	55.70 296	P	P	03 18 18.6	-0.1
PRNI	Paran	55.71 297	P	P	03 18 18.8	+0.1
EIL	Eilat	55.72 297	LR	LR	03 43 54.6	
EIL	Eilat	55.72 297	eP	P	03 18 18.6	-0.2
EIL	Eilat	55.72 297	eP	P	03 18 18.6	-0.1
MBH	Mount Berech	55.76 297	P	P	03 18 19.0	0.0
HNTI	Hanita	55.79 301	P	P	03 18 19.5	+0.2
SLTI	Salit	55.83 300	P	P	03 18 19.9	+0.4
HAF	Haifa	55.89 300	P	P	03 18 20.4	+0.4
OFRI	'Ofer	55.91 300	P	P	03 18 20.4	+0.3
MASH	Mash'abbe Sade	55.95 303	P	P	03 18 20.4	+0.5
KZIT	Kziot	56.27 298	P	P	03 18 27.0	-0.5
PHNC	Paralimni	56.34 303	P	P	03 18 27.0	-0.5
KMBO	Kilima Mbogo	57.21 260	P	P	03 18 31.1	+1.4
KMBO	comp-Z,23nm,1.0s,mb5.2,baz=56,slow=9.1,SNR=22				03 19 24.5	+0.8
KMBO	comp-E,11nm,0.9s,baz=81,slow=5.8,SNR=4.5				03 18 31.1	+1.4
KMBO	Kilima Mbogo	57.21 260	P	P	03 19 24.5	+0.8
KMBO	comp-Z,23nm,1.0s					
CSS	Prodromos	57.51 303	P	P	03 18 31.2	-0.3
CSS	comp-Z,3.3nm,1.1s					
MAMC	Mammari	57.51 303	eP	P	03 18 31.3	-0.1
MAMC	Mammari	57.62 303	iP	P	03 18 31.7	-0.6
MAMC	Mammari	57.62 303	iP	P	03 18 31.7	-0.6
BRTR	Keskin Array B	57.88 308	P	P	03 18 33.2	-0.8
BRTR	comp-Z,144nm,0.9s,mb6.0,baz=121,slow=6.6,SNR=127					
BRTR	Keskin Array B	57.88 308	P	P	03 18 33.2	-0.8
ALFC	Alevga	58.12 303	iP	P	03 18 34.8	-1.0
ALFC	comp-Z,4.3nm,0.8s					
ALFC	Alevga	58.12 303	iP	P	03 18 34.8	-1.0
PPCY	Paphos	58.30 303	iP	P	03 18 35.8	-1.2
PPCY	Paphos	58.30 303	iP	P	03 18 35.8	-1.2
AKMC	Akamass	58.33 303	iP	P	03 18 36.0	-1.2
AKMC	Akamass	58.33 303	iP	P	03 18 36.0	-1.2
PMG	Port Moresby	58.42 110	P	P	03 18 37.8	-0.3
PMG	comp-Z,115nm,1.0s,mb5.9,baz=331,slow=4.2,SNR=17					
PMG	Port Moresby	58.42 110	P	P	03 18 37.8	-0.3
SIM	Simferopol'	58.51 314	iP	P	03 18 38.0	-0.3
MOS	Moscow	59.56 327	iP	P	03 18 44.3	-1.2
MOS	comp-Z,494nm,1.4s,mb6.3					
OBN	Obninsk	59.89 326	iP	P	03 18 47.2	-0.6
OBN	comp-Z,661nm,2.1s,mb6.3					
OBN	Obninsk	59.89 326	eP	P	03 18 47.1	-0.7
OBN	comp-Z,84nm,19.0s,MS6.9					
ISP	Isparta	60.06 306	eP	P	03 18 49.6	+0.4
ISP	comp-Z,429nm,1.3s,mb6.3					
ISP	Isparta	60.06 306	eP	P	03 18 48.3	-0.8
TIXI	Tiksi	61.74 12	iP	P	03 18 59.1	-1.0
TIXI	comp-N,35nm,1.4s					
TIXI	Tiksi	61.74 12	iP	P	03 18 59.1	-1.0
TIXI	comp-Z,189nm,1.4s,mb6.0					
TIXI	Tiksi	61.74 12	iP	P	03 18 59.1	-1.0
MA2	Magadan	62.14 29	iP	P	03 18 59.0	-1.1
MA2	comp-E,43nm,1.5s					
MA2	Magadan	62.14 29	eP	P	03 19 02.0	-0.9
CTA	Charters Tower	62.20 122	P	P	03 19 03.4	-0.5
CTA	comp-Z,35nm,0.9s,mb5.5					
CTA	Charters Tower	62.20 122	P	P	03 19 03.4	-0.5
CTA	comp-Z,41nm,1.0s					
CTA	Charters Tower	62.20 122	P	P	03 19 03.4	-0.5
CTA	Charters Tower	62.20 122	eP	P	03 19 03.1	-0.8
CTA	comp-Z,152nm,1.4s,mb5.9					
CTA	Charters Tower	62.20 122	eP	P	03 19 12.6	+0.7
TIRR	Tirgusor	62.42 313	P	P	03 19 04.7	-0.4
KIS	Kishinev	62.53 316	iP	P	03 19 05.0	-0.7
KIS	comp-Z,400nm,1.0s,mb5.5					
AKASG	Malin Array Be	62.94 320	P	P	03 19 06.9	-1.4
AKASG	comp-Z,90nm,0.9s,mb5.9,baz=87,slow=4.4,SNR=82				03 19 45.4	-0.6
AKASG	Malin Array Be	62.94 320	P	P	03 19 06.9	-1.4
AKASG	comp-Z,39nm,0.8s,mb5.8,baz=90,slow=3.8,SNR=41.1					
AKASG	Malin Array Be	62.94 320	P	P	03 19 06.9	-1.4
AKASG	comp-Z,90nm,0.9s					
AKASG	Malin Array Be	62.94 320	P	P	03 19 06.9	-1.4
AKASG	comp-Z,17nm,0.8s					
MBAR	Mbarara	63.31 262	iP	P	03 19 12.6	+1.3
IAS	Iasi	63.40 316	P	P	03 19 13.8	-0.6
ALN	Alexandroupoli	63.78 309	eP	P	03 19 13.5	-0.6
VRI	Vrincioia	63.79 315	P	P	03 19 14.6	+0.5
SAPE	Apeiranthos	63.96 305	P	P	03 19 14.1	-1.3
ANT	Santorini	63.99 304	eP	P	03 19 13.8	-1.7
BUCT	Bucharest	64.11 313	P	P	03 19 17.0	+0.9
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s,mb6.3,baz=81,slow=2.3,SNR=74					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s,baz=170,slow=6.2,SNR=3.4				03 19 52.0	+0.4
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,41nm,0.9s					
MLR	Muntele Rosu	64.29 314	P	P	03 19 17.8	+0.5
MLR	comp-Z,313nm,1.0s					
MLR	Muntele Rosu	64.29 314				

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like BERNI Berninapass, DAVA Damuels, SIND Sindelford, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like ESK comp=Z,127nm,1.4s,mb5.7, EAU Auchinon, EPOB comp=Z,313nm,1.2s,mb5.1, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like TPNV Topopah Spring, PHWY Pilot Hill, MVU Marysville, etc.











26d 3h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like KMBO, YNBS, STKA, etc.

2004 DEC

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like DIVS, FINES, KAF, KECS, etc.

640

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like GRF, GYF, SYO, etc.



0.9nm, 0.6s, baz=91, slow=2.6, SNR=5.4
NVAR Mina Array Be 125.20 29 PKP PKPdf 03 53 32.2 +3.2
2.4nm, 0.7s, baz=285, slow=2.2, SNR=8.5

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

IDC 26 03:35:15.9, 0.5, 4.9N-93.34E, mb4.5/6, mb1 4.6/9, mb1mx4.4/20, Error ellipse: s-maj=221.0km s-min=54.0km az=111.0, Northern Sumatra

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

IDC 26 03:36:17.4, 1.3, 6.44N-93.34E, mb4.5/10, mb1 4.6/11, mb1mx4.4/20, Error ellipse: s-maj=56.4km s-min=28.9km az=39.0, Nicobar Islands region

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

IDC 26 03:37:57.9, 14.0, 4.84N-95.52E, mb4.4/6, mb1 4.5/6, mb1mx4.1/7, Error ellipse: s-maj=360.0km s-min=62.9km az=148.0, Northern Sumatra

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

IDC 26 03:38:44.8, 8.5, 5.00N-93.83E, h33km, mb4.4/17, mb1 4.5/18, mb1mx4.4/23, M.LA.4/1, Error ellipse: s-maj=25.2km s-min=3.5km az=46.0

IDC 26 03:38:42.0, 6.5, 4.93N-101.10, h33km, n26, s=079/21, mb4.6/17, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI Arr, SONM Songoing Array, etc.

ISC 26 03:39:17.4, 0.7, 7.0N-0.1, 91.9E-0.1, h33km, n20, s=137/19, mb4.6/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI Arr, SONM Songoing Array, etc.

BJI 26 03:40:13.6, 5.26N:94.14E, h44km, mb5.7, Ms6.5, Msz6.5
CSEM 26 03:40:14.3, 5.91N:94.90E, h39km, mb5.6
MOS 26 03:40:14.9, 0.8, 5.70N-94.41E, h39km, mb5.7/32, Error ellipse: s-maj=11.8km s-min=5.4km az=117.4

NEIC 26 03:40:15.0, 6.0, 2.53N-94.33E, h30km, mb5.6/59, Error ellipse: s-maj=6.1km s-min=4.3km az=216.0
IDC 26 03:40:17.0, 9.0, 6.5, 6.1N-94.38E, h44km, mb5.1/33, mb5.1/34, mb1mx5.1/34, M.L6.1/1, Error ellipse: s-maj=14.2km s-min=9.0km az=38.0

ISC 26 03:40:15.0, 2.5, 5.00N-105.943E, 0.04, h42km, h42km, 1.8km, p-P, n336, s=090/311, mb5.5/14, MS6.2/4, 45C-7D, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI Arr, KOD Kodaikanal, etc.

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









Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like ENH, WHN, LZH, GAOTAI, NANJING, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like GRUS, BOSHA, SUW, DIVS, KAF, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like SSF, URZ, RJF, EKA, etc.











Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like DIVS Diccavice, KECS Kecovo, MAW Mawson, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like SQTA Sankt Quirin, GRA1 Grafenberg Arr, MOTA Moosalm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, PLDF La Plantade, LBL Lubilhac, etc.

IDC 26:04:05:32.41.1, 2.50N:95.57E, mb4.9, mb1.5, 0.0/m, mb1mx4.7/20, ML4.7/1, Error ellipse: s-maj=53.5 km s-min=18.4km az=58.0, Off west coast of northern Sumatera

Code Station Name Az° AZZ° Phase ID Op P Time Res ISC. Includes CMAR Chiang Mai Arr 16.20 12 Pn P 04 09 23.0 -0.2



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NWAOW Narrogin (SRO), WRA Warramunga Arr, SONM Sogingio Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGT Agartala, MNGI Mangalore, SHL Shillong, GOA Goa, QIZ Qiongzhong, AKL Akola, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, MZLS Mizel, NVS Novosibirsk, MDJ Mudanjiang, etc.

2004:05:59.0-1.0, 6.26N-92.48E, mb4.77, mb1 4.8/7, mb1mx4.5/17, Error ellipse: s-maj=54.3km s-min=23.3km az=32.0, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOM Bombay Lhasa, GYA Guiyang, GYA Gya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARS Ar Rass, MAT Matsushiro, BLAT Batsuhiro, etc.

BJI 26 04:09:07.2, 8.04N, 93.36E, h36km, mb5.0 NEIC 26 04:09:08.4, 0.5, 8.16N, 93.32E, h30km, mb4.9/6, Error ellipse: s-maj=14.2km s-min=11.2km az=91.0

IDC 26 04:09:10.5, 0.8, 2.0N, 93.87E, h50km, mb4.4/18, mb1 4.6/18, mb1mx4.5/23, ML5.2/1, Error ellipse: s-maj=27.9km s-min=13.7km az=49.0

ISC 26 04:09:06.4, 0.5, 8.14N, 0.07, 93.79E, 0.08, h30km, m43, 013/39, mb4.8/25, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGY Tagaytay City, TGY Tagaytay City, ENH Enshi, WHN Wuhan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERZM Erzurum, ARU Arzi, ARU Arzi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNM Ulanbataar, ZAL Zalesovo, NWAOW Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMGS Jabal Moqyreh, ELZG Elazig, AYUS 'Ayunah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, BVAR Borovoye, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, YSS Yuzh-Sakhalins, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOW Kunitomi, UCH Uchitor, BJT Baijiutau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBAR Mbarara, CTKT Coram, BOYT Boybat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA Boshof, GERES Geres Array, CLL Colim, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYDN Tasoluk, BTOK Tokmak, LSZ Sakata, etc.

IDC 26 04:10:07.5, 0.4, 5.53N-92.88E, mb5.4/25, mb1 5.4/26, s-maj=9.0km az=40.0

MOS 26 04:10:10.8, 0.9, 5.60N-92.95E, h33km, mb5.6/27, Error ellipse: s-maj=12.8km s-min=6.7km az=120.8

BJI 26 04:10:10.8, 5.48N, 92.95E, h37km, mb6.3, mb5.4, Ms6.3, Msz6.5

NEIC 26 04:10:12.7, 0.9, 5.48N, 92.92E, h36km, mb5.4/52, Error ellipse: s-maj=6.2km s-min=4.6km az=210.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, RYDS Riyadh, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVD Gavdhos, ISR Istitra, ISR Istitra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOLS Boljevac, KWP Kaloraria, KOLS Kolonice sedl, BOSHA Boshof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MBDF Montbardon, LRF La Plagne, LPL La Foret Royal, HAU Haudompre, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CLL Collm, DAVOX Davos, LRL La Plagne, UPR Urewera, etc.

JMA 26 04:12:56.5±0.1, 31.76Nm×129.13E, h15km±1km, M3.5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Shimokoshiki, Fukue jima 2, Nagasaki moza, Hondo, etc.

IDC 26 04:13:53.0±0.8, 5.96Nm, 94.76E, mb4.7/14, mb1 4.9/15,

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

IDC 26 04:13:56.4±0.6, 6.0Nm, 0.1-94.9E±0.1, h33km, n18,

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

IDC 26 04:17:51.6±0.4, 8.96Nm, 93.67E, mb5.0/30, mb1 5.1/31,

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

IDC 26 04:17:55.8, 8.76Nm, 93.47E, h46km, mb5.3,

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

IDC 26 04:17:56.7, 8.05Nm, 92.57E, h33km, mb5.6,

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

IDC 26 04:17:56.8±0.2, 8.96Nm, 93.72E, h30km, mb5.3/60, Error

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

IDC 26 04:17:55.5±1.2, 8.90Nm, 0.04-93.74E±0.03, h34km±10km,

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

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Chengdu, New Delhi, Ajmer, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ISR Istrita, VRI Vrincoia, MLR Muntele Rosu, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LDF La Druiterie, ANF ANome, ESMF Esfaut, etc.

DUSS 26 04:21:24.10, 4.7, 19N, 94.33E, h15km
MOS 26 04:21:26.9, 0.9, 6.86N, 92.92E, h33km, mb6.4/57, MS7.3/33, Error ellipse: s-maj=9.0km s-min=4.7km az=119.9
BUJ 26 04:21:27.9, 6.94N, 92.80E, h40km, mb7.1, mb6.0, Ms7.7, Ms7.5
IDC 26 04:21:29.6, 2.5, 6.92N, 92.97E, h38km, mb5.3/33, mb1.5/34, mb1mx5.3/4, ML5.4/1, MS7.3/26, Ms7.3/26, msmx7.1/31, Error ellipse: s-maj=14.6km s-min=8.4km az=35.0
SYO 26 04:21:29.7, 6.89N, 92.94E, h40km, MB6.1, MS7.5, NEIC 26 04:21:29.8, 0.9, 6.91N, 92.96E, h39km, mb6.1/113, MS7.5/130, Error ellipse: s-maj=5.5km s-min=3.6km az=207.0
HRVD 26 04:21:29.8, 0.3, 6.1N, 92.79E, h14km, m1km, MW7.2/79, Centroid moment Tensor Solution. LP body waves: s21, c22, Mantle waves: s79, c161; Half duration: 1154 Moment tensor: Scale 10^19Nm; Mr=5.26; Ms=2.1; Mw=2.9; Mb=4.19; Best double couple: Mr=7.23x10^19 NP1; q=351; r=121; NP2=137; r=67; t=75; Principa axes: s7.46, P165; s21=N, -46, P145; Azm143; P: 6.89, P120; Azm326; nsta2 refers to surface waves, cutoff=50s, nsta2 refers to surface waves, cutoff=50s.
ISC 26 04:21:26.9, 0.1, 6.85N, 0.03, 92.93E, 0.02, h32km, h32km, 1.6km, pP-P, 1.020, 6.1509/847, mb6.0/183, MS7.4/196, 148C-45D, Nicobar Islands region



NVS	Novosibirsk	48.49 353	iP	P	04 30 07.2 -1.4
NVS			eS	P	04 37 05.8 -0.7
NVS	comp=N,383nm,2.0s		pmax	pmax	
NVS	comp=Z,988nm,2.0s,mb6.5		pmax	pmax	
NVS	comp=E,443nm,1.7s		pmax	pmax	
NVS	comp=E,420nm,2.2s		smax		
NVS	comp=N,170nm,2.0s		smax		
MIB	Mutribah	48.51 304	eP	P	04 30 08.9 -0.2
MIB			AMB	AMB	04 30 21.2
WRA	Warramunga Arr	48.66 124	P	P	04 30 08.6 -1.7
WRA	comp=Z,60nm,0.8s,mb5.7,baz=305,slow=8.1,SNR=35		S	S	04 37 10.5 +1.1
WRA	Warramunga Arr	48.66 124	P	P	04 30 08.6 -1.8
WRA			S	S	04 37 10.5 +1.1
WRA	comp=Z,60nm,0.8s		pmax	pmax	
WRAB	Tennant Creek	48.67 124	eP	P	04 30 09.8 -0.6
WRAB			pmax	pmax	
WRAB	comp=Z,230nm,0.8s,mb6.3		eP	P	04 30 09.4 -1.0
WRAB	Tennant Creek	48.67 124	eP	P	04 30 09.4 -1.0
WRAB	comp=Z,232nm,0.8s,mb6.3		LR	LR	
WRAB	comp=Z,268nm,20.0s,MS7.2		LR	LR	
KAMS	Al Khamas	48.68 291	P	P	04 30 12.1 +1.5
MDJ	Umm Al-Ruwaisa	48.70 304	eP	P	04 32 05.5 -4.0
RST			AMB	AMB	04 30 19.9
MDJ	comp=Z,555nm,1.3s,mb6.4		P	P	04 30 14.8 -0.4
MDJ			PCP	PCP	04 31 37.0 -0.8
MDJ			PP	PP	04 32 05.5 -4.0
MDJ			SCP	SCP	04 32 05.5 -4.0
MDJ			S	S	04 37 20.5 +2.2
MDJ			SS	SS	04 40 00.8 -0.8
MDJ	comp=Z,266nm,1.8s,mb6.0		LR	LR	
MDJ	comp=N,468nm,16.1s,MS7.7		LR	LR	
MDJ	comp=E,429nm,15.5s,MS7.7		LR	LR	
MDJ	comp=Z,406nm,11.8s,MS7.7		LR	LR	
MDJ	Mudanjiang	49.33 34	eP	P	04 30 15.3 +0.1
BVA0	Borovoye Arr	49.58 342	P	P	04 30 16.1 -0.9
BVA0			pmax	pmax	
MDJ	comp=Z,39nm,1.4s,mb5.2		P	P	04 30 15.8 -1.2
BVAR	Borovoye Arr	49.58 342	P	P	04 30 15.8 -1.2
BVAR	comp=Z,55nm,0.8s,mb5.7,baz=138,slow=13,SNR=18		S	S	04 30 20.1 +2.5
TATS	Tathih	49.60 290	P	P	04 30 18.7 +1.2
BRVK	Borovoye	49.64 342	P	P	04 30 18.7 +1.2
BRVK			pmax	pmax	
BRVK	comp=Z,260nm,1.3s,mb6.1		eP	P	04 30 16.4 -1.1
BRVK	Borovoye	49.64 342	eP	P	04 30 16.4 -1.1
BRVK	comp=Z,263nm,1.3s,mb6.1		LR	LR	
BRVK	comp=Z,61nm,20.0s,MS6.6		LR	LR	
CHKZ	Chkalovo	50.08 343	eP	P	04 30 20.3 -0.6
CHKZ	comp=Z,39nm,1.1s,mb6.3		P	P	04 30 21.2 -0.9
ASAR	Alice Springs	50.20 129	P	P	04 31 41.8 +0.6
ASAR	comp=Z,86nm,0.9s,mb5.8,baz=304,slow=4.3,SNR=18		PcP	PcP	04 31 41.8 +0.6
ASAR	comp=Z,48nm,0.6s,baz=314,slow=3.8,SNR=7.6		S	S	04 37 32.1 +1.4
ASAR	comp=Z,17nm,0.9s,baz=295,slow=13,SNR=5.5		S	S	04 52 57.4
ASAR	comp=Z,17nm,0.9s,baz=295,slow=13,SNR=5.5		LR	LR	04 52 57.4
AJH	comp=Z,267nm,21.2s,MS7.2,baz=301,slow=38		LR	LR	04 50 41.1
AJH	Hachijo jima 2	50.63 52	LR	LR	04 50 41.1
AJH	comp=Z,266nm,21.8s,MS7.2,baz=243,slow=35		LR	LR	04 50 40.0 +1.4
MAJO	Matushiro	50.73 48	PFAKE	P	04 30 40.0 +1.4
MAJO			LR	LR	
MAT	comp=Z,211nm,19.0s,MS7.2		P	P	04 30 25.5 -0.5
MAT	Matushiro	50.73 48	P	P	04 37 49.6 +1.2
MAT			S	S	04 30 26.0 -0.0
MAT	comp=Z,21nm,2.5s,mb6.6		eS	S	04 37 50.0 +1.2
CBJ	Chichi jima	50.84 61	P	P	04 30 25.9 -1.1
CBJ	comp=Z,317nm,0.7s,mb6.4,baz=271,slow=2.9,SNR=18		LR	LR	04 52 43.2
ARSS	Ar Rass	50.95 298	P	P	04 30 30.6 +2.8
ELUS	Baturashi	51.40 290	P	P	04 30 32.9 +1.5
GUMO	Guam	51.47 78	eP	P	04 30 30.8 -1.1
GUMO	comp=Z,775nm,1.4s,mb6.4		LR	LR	
HLS	comp=Z,144nm,21.0s,MS7.0		LR	LR	
HLS	Haiz	52.54 299	P	P	04 30 41.3 +1.4
MAK	Bodaibo	53.42 14	eP	P	04 30 44.4 -1.5
MAK	Makhachkala	53.70 320	eP	P	04 30 48.0 -0.2
MAK			iS	S	04 38 28.0 +1.0
MAK			pmax	pmax	
GNI	comp=Z,858nm,2.0s,mb6.3		MLR	MLR	
GNI	Garni	54.30 315	P	P	04 30 53.0 +0.4
GNI	comp=Z,36nm,0.9s,mb5.3,baz=172,slow=4.9,SNR=14		P	P	04 30 52.4 -0.2
GNI	Garni	54.30 315	iP	P	04 30 52.4 -0.2
GNI			pmax	pmax	
GNI	comp=Z,902nm,1.6s		MLR	MLR	
GNI	comp=Z,116nm,18.0s		MLR	MLR	
GNI	Garni	54.30 315	eP	P	04 30 52.4 -0.2
GNI	comp=Z,9nm,2.5s		LR	LR	
KBRS	Khaybar	54.44 297	P	P	04 30 55.0 +1.2
TVAN	Van	54.62 313	iP	P	04 30 55.9 +0.9
YNBS	'anbu' al Bahr	55.33 295	P	P	04 31 01.1 +0.7
CLNS	Chul'man	55.81 21	eP	P	04 31 03.5 +0.1
CLNS			ePP	pP	04 31 09.5 -3.6
CLNS			eS	S	04 32 06.6
CLNS			eS	S	04 38 40.1 -6.4
CLNS			eS	SS	04 40 47.3
CLNS			eS	SS	04 42 32.7 +0.6
CLNS	comp=Z,430nm,1.6s,mb6.2		pmax	pmax	
CLNS	comp=N,165nm,0.9s		pmax	pmax	
CLNS	comp=E,105nm,0.9s		pmax	pmax	
CLNS	comp=E,6nm,15.1s		smax		
CLNS	comp=Z,32nm,15.1s		smax		
CLNS	comp=N,81nm,19.4s		MLR	MLR	
CLNS	comp=Z,385nm,16.0s,MS7.6		MLR	MLR	
CLNS	comp=N,304nm,15.0s		MLR	MLR	
CLNS	comp=E,547nm,21.0s		MLR	MLR	
BTMT	Batman	55.90 312	P	P	04 31 03.2 -1.1
BEST	Besir	55.96 312	iP	P	04 31 03.1 -1.6
ZEI	Tsey	55.98 318	eP	P	04 31 04.8 0.0
ZEI			pmax	pmax	
UMJS	Umm Laji	56.08 296	P	P	04 31 07.3 +1.5
KMBO	Kilima Mbogo	56.12 264	P	P	04 31 07.2 +1.1
KMBO	comp=Z,12nm,0.7s,mb5.1,baz=65,slow=9.4,SNR=17		LR	LR	04 50 58.2
KMBO	comp=Z,592nm,21.4s,MS7.7,baz=75,slow=32		eP	P	04 31 07.0 +0.8
KMBO	Kilima Mbogo	56.12 264	eP	P	04 31 07.0 +0.8
KMBO	comp=Z,510nm,1.8s		pmax	pmax	
KMBO	Kilima Mbogo	56.12 264	eP	P	04 31 06.7 +0.5
KMBO	comp=Z,507nm,1.8s,mb6.2		LR	LR	
KMBO	comp=Z,618nm,22.0s,MS7.7		LR	LR	
VRT	Varto	56.20 313	iP	P	04 31 06.0 -0.4
ARU	Arti	56.27 338	eP	P	04 31 06.3 -1.1
ARU			i	S	04 33 10.2
ARU			i	S	04 38 56.9 +2.9
ARU			i	SS	04 40 57.0
ARU			i	SS	04 42 39.6 -1.9
ARU			eSS	SSS	04 44 48.5 -3.2
ARU	comp=Z,619nm,1.5s,mb6.4		MLR	MLR	

ARU	comp=Z,328nm,20.5s,MS7.4		MLR	MLR	
ARU	comp=N,114nm,21.0s,MS7.4		MLR	MLR	
ARU	comp=E,313nm,19.0s,MS7.4		P	P	04 31 06.0 -1.4
ARU	Arti	56.37 338	eP	P	04 31 06.0 -1.4
ARU	comp=E,6nm,2.5s		LR	LR	
PMG	Port Moresby	56.39 106	P	P	04 31 07.0 -1.1
PMG	comp=Z,124nm,0.7s,mb6.0,baz=285,slow=1.5,SNR=14		P	P	04 31 06.8 -1.4
PMG	Port Moresby	56.39 106	eP	P	04 31 06.8 -1.4
PMG	comp=Z,279nm,0.9s,mb6.3		LR	LR	
ERZM	Erzurum	56.60 314	iP	P	04 31 08.9 -0.4
EZM	Ezurum	56.60 314	P	P	04 31 09.8 +0.5
ERZM	Erzurum	56.60 314	P	P	04 31 09.9 -0.4
BINT	Bingol	56.89 312	P	P	04 31 10.4 -0.4
ASAJ	Asahikawa	56.97 41	P	P	04 31 11.8 -0.1
ASAJ	comp=Z,545nm,1.5s,mb6.4,baz=250,slow=11,SNR=12		LR	LR	05 00 03.9
ASAJ	comp=Z,214nm,19.0s,MS7.3,baz=78,slow=41		LR	LR	
BCA	Borcka	56.99 316	P	P	04 31 10.4 -1.7
TBKS	Tabuk	57.26 299	P	P	04 31 15.7 +1.6
KIV	Kislovodsk	57.28 319	P	P	04 31 13.2 -0.9
KIV	Kislovodsk	57.28 319	eP	P	04 31 13.1 -1.0
KIV	Kislovodsk	57.28 319	iP	P	04 32 06.7
KIV	Kislovodsk	57.28 319	e	S	04 33 18.2
KIV	Kislovodsk	57.28 319	i	S	04 39 09.9 +3.8
KIV	comp=N,275nm,1.5s		pmax	pmax	
KIV	comp=E,374nm,1.5s		pmax	pmax	
KIV	comp=Z,538nm,1.5s,mb6.3		smax		
KIV	comp=N,58nm,24.4s		smax		
KIV	comp=E,11nm,12.2s		smax		
KIV	comp=E,121nm,26.0s		MLR	MLR	
KIV	comp=Z,190nm,26.0s,MS7.1		MLR	MLR	
KIV	comp=N,95nm,17.0s		MLR	MLR	
KIV	Kislovodsk	57.28 319	eP	P	04 31 12.8 -1.3
KIV	comp=N,584nm,1.2s,mb6.5		P	P	04 31 14.0 -1.8
GOF	Gofitskoye	57.53 320	iP	P	04 39 10.4 +4.7
GOF			eS	S	
GOF			pmax	pmax	
EZZ	Erzincan	57.66 313	P	P	04 31 18.8 +2.0
ASF	Jabal al Asfar	57.78 304	P	P	04 31 17.9 +0.2
ASF	comp=Z,33nm,0.9s,mb5.4,baz=347,slow=4.6,SNR=18		LR	LR	04 59 18.4
ELZG	Elazig	57.86 311	iP	P	04 31 17.1 -1.1
JMQS	Jabal Moqyreh	57.96 300	P	P	04 31 20.1 +1.0
GUMT	Gumushane	58.15 314	P	P	04 31 19.5 -0.7
MALT	Malatya	58.22 311	eP	P	04 31 19.3 -1.4
MYA	Malatya	58.23 311	P	P	04 31 21.0 +0.2
YSS	Yuzh-Sakhalins	58.32 38	iP	P	04 31 20.2 -1.1
YSS			e	pP	04 31 30.0 -1.1
YSS	comp=Z,280nm,1.2s,mb6.2		LR	LR	
YSS	Yuzh-Sakhalins	58.32 38	eP	P	04 31 19.3 -2.0
YSS	comp=Z,1nm,1.6s,mb6.6		LR	LR	
AYUS	'Ayunah	58.57 299	P	P	04 31 22.8 +1.0
BDAS	Al Bad'	58.57 299	P	P	04 31 23.9 +0.7
DUSS	Damascus Unive	58.59 305	iP	P	04 31 27.1 +3.7
DUSS			iP	P	04 31 27.7
DUSS			e	pP	04 31 30.7 -2.5
DUSS	comp=Z,213nm,21.0s,MS7.2		eS	Sx	04 39 37.2
GZT	Gaziantep	58.59 310	iP	P	04 31 22.1 -1.1
JMQS	Jabal al Moall	58.67 310	P	P	04 31 24.7 +0.7
MKRJ	Makawir	58.69 303	P	P	04 31 25.1 +1.0
ALWS	Ilw as Safayha	58.74 300	P	P	04 31 25.1 +0.7
GAZ	Gaziantep	58.80 310	P	P	04 31 24.6 -0.2
HAQS	Haql	58.81 300	P	P	04 31 25.7 +0.7
AQBJ	Aqaba	58.83 301	P	P	04 31 25.7 +0.8
CTA	Catirius Tower	58.85 310	P	P	04 31 24.7 -0.8
CTA	comp=Z,197nm,1.2s,mb6.0,baz=291,slow=6.4,SNR=19		LR	LR	04 59 10.0
CTA	comp=Z,509nm,21.4s,MS7.6,baz=289,slow=38		MLR	MLR	04 31 24.7 -0.8
CTA	Charters Tower	58.87 118	P	P	04 31 24.7 -0.8
CTA	comp=Z,197nm,1.2s		pmax	pmax	
CTA	comp=Z,509nm,21.4s		MLR	MLR	
CTAO	Charters Tower	58.87 118	P	P	04 31 25.1 -0.4
CTAO	comp=Z,510nm,1.3s,mb6.4		pmax	pmax	
CTAO	Charters Tower	58.87 118	eP	P	04 31 23.8 -1.6
CTAO	comp=Z,514nm,1.4s,mb6.4		LR	LR	
MZDA	Masada	58.87 302	P	P	04 31 26.2 +0.9
MZDA	Masada	58.87 302	iP	P	04 31 26.2 +0.9
DRGI	Dragot	58.90 303	P	P	04 31 26.4 +0.8
DRGI	Dragot	58.90 303	iP	P	04 31 26.4 +0.8
EIL	Eilat	58.90 300	P	P	04 31 26.1 +0.5
EIL	comp=Z,89nm,0.7s,mb5.9,baz=85,slow=5.0,SNR=20		LR	LR	04 57 59.5
EIL	comp=Z,279nm,19.1s,MS7.4,baz=197,slow=37		P	P	04 31 26.2 +0.6
EIL	Eilat	58.90 300	eP	P	04 31 25.9 +0.3
EIL	comp=Z,210nm,0.8s,mb6.2		P	P	04 31 26.8 +0.8
MBH	Mount Berech	58.95 301	P	P	04 31 26.8 +0.8
MBH	Mount Berech	58.95 301	iP	P	04 31 26.8 +0.8
KSDI	Kef				

26D 4h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Kurdzhal, GVD, BUC1, etc.

2004 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PSZ, PSZ, PSZ, etc.

656

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BRG, BRG, BRG, etc.



Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NORSAR Array B, CLAUSTHAL, HDH Heidenheim, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BNI Bardonecchia, BRANT WLF, WLF Waferdange, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SBA Scott Base, EMIN Mirim Concepcio, EBAD Badajoz, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, and various flags. Includes stations like LTIM, MOD, DGMT, LBSM, BBSR, PWV, ELN, WVKO, WWT, HALT, HIBAR, UALR, JSC, NHSC, GOGA, HBF, LRAL, LTX, TXAR, BAO, BDFB, JCT, HWUT, MTUM, MDV, HNH, DAU, FFD, RWWY, DAC, TPNV, HRV, WES, RCBR, MVU, MSU, ARUT, GENY, NEN, ISCO, PV10, PV01, PFO, RW3, RKT, SSPA, SDCO, ACSO, MCWV, BLO, CBN, ANMO, SLM, TUC.

Table with columns: Code, Station Name, Az, El, Time, Res, and various flags. Includes stations like CCM, FVM, FWM, BBSR, PWV, ELN, WVKO, WWT, HALT, HIBAR, UALR, JSC, NHSC, GOGA, HBF, LRAL, LTX, TXAR, BAO, BDFB, JCT, HWUT, MTUM, MDV, HNH, DAU, FFD, RWWY, DAC, TPNV, HRV, WES, RCBR, MVU, MSU, ARUT, GENY, NEN, ISCO, PV10, PV01, PFO, RW3, RKT, SSPA, SDCO, ACSO, MCWV, BLO, CBN, ANMO, SLM, TUC.

Table with columns: Code, Station Name, Az, El, Time, Res, and various flags. Includes stations like LATR, AKL, GOA, LSA, BOM, NDI, AAK, SONM, ZAL, HAIL, BVAR, BVAR, BRVK, CHKLO, CMKG, PMG, KMB, KMB, ASF, EIL, BRTR, MBAR, AKASG, IDI, MLR, LSZ, KAF, JNC, OJC, KEV, ARCES, MORC, ZST, BOSA, DPC, PRU, GEC2, GERES, KHC, CLL, WET, MORB, MOX, GRA1, GRF, NB2, NOA, NAOL1, BSEG, MOL, LPL, ESDC, ULM, NVAR, PDAR, SJG, SJG, PCRV, ARE, SBL, SNET, SNET, SNE, BOQS, RTR, LFR, LBRS, LBRS, LCB, LCB, RBL, SNVI, MTO, BLM, CAHU, CAHU, CNCH, CNCH, LEON, LEON, TEL3, MIRM, MIRM, COPN, APYN, XAVN, MGAN.

IDC 26 04:25:58.6, 0.9, 7.78N-93.94E, mb5.0/15, mb1 5.2/16, mb1mx5.1/23, ML4.8/1, Error ellipse: s-maj=27.8km s-min=22.0km az=16.0

IDC 26 04:29:54.2, 1.0, 5.13N-93.46E, mb4.3/9, mb1 4.5/9, mb1mx4.3/17, Error ellipse: s-maj=53.4km s-min=20.1km az=48.0

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

Table with columns: ZST, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Bratislava, ARCES ARCESS Array, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ISC 26.04:33:30.6,1.1, 5.4N, 0.2, 94.4E, etc.

IDC 26.04:30:52.0, 1.1, 10.55N, 92.23E, h53km, 43km, mb4.6/19, mb1.4/7/20, mb1mx4.8/26, ML4.8/1, Error ellipse: s-maj=29.4km s-min=11.8km az=55.0

IDC 26.04:30:48.1, 0.5, 10.54N, 0.09, 92.3E, 0.1, h33km, n31, c069/24, mb4.8/20, Andaman Islands region

IDC 26.04:34:39.2, 9.1, 8.37N, 94.14E, h59km, 82km, mb4.4/19, mb1.4/5/19, mb1mx4.4/24, Error ellipse: s-maj=27.0km s-min=16.1km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Songio Array, Zalesovo, etc.

Table with columns: ZST, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Bratislava, ARCES ARCESS Array, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ISC 26.04:34:34.3, 0.5, 8.3N, 0.1, 94.1E, etc.

IDC 26.04:32:10.2, 0.6, 3.14N, 95.10E, h27km, 3km, mb4.7/17, mb1.4/8/18, mb1mx4.8/22, ML5.4/1, Error ellipse: s-maj=20.5km s-min=13.3km az=52.0

IDC 26.04:32:08.0, 0.6, 3.1N, 95.3E, 0.1, h29km, h28km, 8km, pp-P, n37, c08/26, mb4.9/18, Off west coast of northern Sumatra

IDC 26.04:36:26.7, 1.0, 6.62N, 93.04E, mb4.3/9, mb1.4/4/9, mb1mx4.2/19, Error ellipse: s-maj=53.5km s-min=21.2km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Songio Array, Zalesovo, etc.

Table with columns: ZST, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Bratislava, ARCES ARCESS Array, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ISC 26.04:36:30.1, 0.9, 6.6N, 0.2, 93.1E, etc.

IDC 26.04:37:50.1, 1.1, 11.7N, 0.2, 93.0E, 0.2, h33km, n12, c054/9, mb4.4, Andaman Islands region

IDC 26.04:37:46.5, 1.1, 11.67N, 92.85E, mb4.4/8, mb1.4/5/9, mb1mx4.2/21, ML4.5/1, Error ellipse: s-maj=46.4km s-min=25.6km az=45.0

IDC 26.04:38:44.7, 0.9, 8.48N, 92.37E, mb4.3/12, mb1.4/4/12, mb1mx4.2/20, Error ellipse: s-maj=54.1km s-min=17.2km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Songio Array, Zalesovo, etc.

Table with columns: ZST, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Bratislava, ARCES ARCESS Array, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ISC 26.04:38:44.7, 0.9, 8.48N, 92.37E, etc.

IDC 26.04:38:44.7, 0.9, 8.48N, 92.37E, mb4.3/12, mb1.4/4/12, mb1mx4.2/20, Error ellipse: s-maj=54.1km s-min=17.2km az=45.0

IDC 26.04:38:44.7, 0.9, 8.48N, 92.37E, mb4.3/12, mb1.4/4/12, mb1mx4.2/20, Error ellipse: s-maj=54.1km s-min=17.2km az=45.0

IDC 26.04:38:44.7, 0.9, 8.48N, 92.37E, mb4.3/12, mb1.4/4/12, mb1mx4.2/20, Error ellipse: s-maj=54.1km s-min=17.2km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Songio Array, Zalesovo, etc.

Table with columns: ZST, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Bratislava, ARCES ARCESS Array, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ISC 26.04:38:44.7, 0.9, 8.48N, 92.37E, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, BVAR, WARRA, ASAR, STKA, FINES, ARCES, GERES, HFS, NOA, EKA, ILAR, TXAR.

IDC 26 04:00:05.7, 0.4, 9.14N, 93.84E, mb4.8/27, mb1 4.4/28, mb1mx4.9/30, ML4.8/1, Error ellipse: s-maj=20.3km s-min=1.2km az=51.0

BUI 26 04:00:10.4, 8.83N, 93.88E, h65km, mb5.2, NEIC 26 04:00:11.5, 2.4, 9.12N, 93.84E, h39km, mb5.27, Error ellipse: s-maj=5.7km s-min=5.7km az=47.0

IDC 26 04:00:09.2, 0.3, 9.11N, 0.05, 93.89E, 0.05, h33km, n115, 0.82Z/95, mb5.0/59, 8C-3D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SHL, KMI, MNGI, AKL, GOA, LSA, GYA, BOM, CND, ENH, LZH, GTA, KSH, BJT, AAK, SONM, ULN, CN2, ZAL, HIA, MDJ, NWAO, RDF, BVAR, BRVK, MIB, CHK, RST, WRA, WRAB, ASAR, ANR, ASAJ, ARU, YSS, PMG, KIV, KMBO, MALM, EIL, CTA, STKA, BRTR, AKASG, KOLS, FINES, CRVS, OJC, YVHS, OKC, ARCES, SMOL, ZST.

Table with columns: LBTB, VRAC, DPC, UPC, UPCA, ARCS, PRO, MRO, BRG, GECZ, GERES, KHK, CLL, HFS, WET, WTTA, MOXA, WATA, FUR, GRA1, SOTA, NB2, NB2, NOA, CLZ, BSEG, DAVA, MAW, BFO, LPL, SYO, SYO, ESK, EDC, ILAR, ILAR, INK, INK, YKA, YKA, YKA, PPT, ULM, ELK, NVAR, MNR, PDAR, TRCR, ANMO, TXAR, BAO, BFB, SJG, PDRV, SDV, LVC, LPAZ, LPZ, ROSC, ROSC. Includes stations like UPCA, ARCS, PRO, MRO, BRG, GECZ, GERES, KHK, CLL, HFS, WET, WTTA, MOXA, WATA, FUR, GRA1, SOTA, NB2, NB2, NOA, CLZ, BSEG, DAVA, MAW, BFO, LPL, SYO, SYO, ESK, EDC, ILAR, ILAR, INK, INK, YKA, YKA, YKA, PPT, ULM, ELK, NVAR, MNR, PDAR, TRCR, ANMO, TXAR, BAO, BFB, SJG, PDRV, SDV, LVC, LPAZ, LPZ, ROSC, ROSC.

IDC 26 04:41:43.7, 0.8, 13.27N, h25km, 4km, mb4.3/11, mb1 4.5/12, mb1mx4.3/19, ML4.4/1, Error ellipse: s-maj=32.4km s-min=16.4km az=45.0

IDC 26 04:41:42.0, 0.7, 13.4N, 0.1, 93.31E, 0.09, h27km, h27km, n1, 4km, pp-P, n19, s1905/14, mb4.5/12, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, ARU, YSS, PMG, KIV, KMBO, MALM, EIL, CTA, STKA, BRTR, AKASG, KOLS, FINES, CRVS, OJC, YVHS, OKC, ARCES, SMOL, ZST.

Table with columns: SDV, ROSC, LPAZ. Includes stations like SDV, ROSC, LPAZ.

IDC 26 04:42:04.6, 1.4, 7.34N, 93.87E, mb4.4/8, mb1 4.6/8, mb1mx4.3/18, Error ellipse: s-maj=99.6km s-min=20.9km az=49.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZAL, WRA, ASAR, FINES, ARCES, GERES, HFS, NOA.

IDC 26 04:44:31.2, 0.8, 5.53N, 93.34E, mb4.3/11, mb1 4.4/11, mb1mx4.2/21, Error ellipse: s-maj=54.0km s-min=17.3km az=47.0

IDC 26 04:44:34.0, 4.0, 5.6N, 0.2, 93.5E, 0.2, h33km, n115, 0.848/11, mb4.3/11, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, WRA, BVAR, STKA, IDI, FINES, ARCES, GERES, HFS, DAVOX, NVAR, ANMO, TXAR, TXAR.

IDC 26 04:46:19.5, 0.6, 8.75N, 93.69E, mb5.0/29, mb1 5.0/30, mb1mx5.0/31, ML5.8/1, Error ellipse: s-maj=22.7km s-min=16.4km az=66.0

BUI 26 04:46:22.4, 0.8, 2.8N, 93.36E, h53km, mb5.0, MOS 26 04:46:23.0, 9.8, 7.3N, 93.58E, h33km, mb5.4/31, Error ellipse: s-maj=13.0km s-min=6.1km az=119.1

NEIC 26 04:46:23.0, 0.3, 8.53N, 93.88E, h65km, mb5.4/31, Error ellipse: s-maj=9.5km s-min=7.8km az=219.9

IDC 26 04:46:23.5, 0.4, 8.74N, 0.1, 93.60E, 0.05, h32km, h32km, n14, 4km, pp-P, n300, s1912/23, mb5.2/78, 23C-6D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CM31, CMAR, CMAR, SHL, SHL, HYB, KMI, KMI, QIZ, MNGI, AKL, AKL, PKI, DMN, GUN, GUN, GOA, GOA.

IDC 26 04:47:14.3, 0.8, 13.27N, h25km, 4km, mb4.3/11, mb1 4.5/12, mb1mx4.3/19, ML4.4/1, Error ellipse: s-maj=32.4km s-min=16.4km az=45.0

IDC 26 04:47:14.3, 0.8, 13.27N, h25km, 4km, mb4.3/11, mb1 4.5/12, mb1mx4.3/19, ML4.4/1, Error ellipse: s-maj=32.4km s-min=16.4km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, ARU, YSS, PMG, KIV, KMBO, MALM, EIL, CTA, STKA, BRTR, AKASG, KOLS, FINES, CRVS, OJC, YVHS, OKC, ARCES, SMOL, ZST.













Table with columns: LVC, Limon Verde, 1.92 178, P, 05 02 38.5 +3.2, etc.

IDC 26 05:04:15.5:7.1, 8.25N-91.55E, mb4.4/9, mb1 4.5/10, mb1mx4.3/20, ML4.0/12, Error ellipse: s-maj=170.0km s-min=40.1km s-az=0.0

ISC 26 05:04:20.2:5.0, 8.5N10.7, 91.5E-0.4, h33km, n12, e1503/12, mb4.3/10, Nicobar Islands region

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

IDC 26 05:05:30.8:9.0, 3.68N-97.65E, mb4.3/7, mb1 4.4/7, mb1mx4.1/18, Error ellipse: s-maj=227.0km s-min=74.3km az=131.0, Northern Sumatra

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

IDC 26 05:07:21.8:2.1, 9.84N-92.74E, mb4.3/5, mb1 4.6/15, mb1mx4.0/18, Error ellipse: s-maj=94.6km s-min=23.1km az=64.0, Nicobar Islands region

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

IDC 26 05:07:39.0:1.0, 9.85N-92.87E, mb4.4/12, mb1 4.6/12, mb1mx4.1/19, Error ellipse: s-maj=82.4km s-min=19.4km az=64.0, Nicobar Islands region

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

IDC 26 05:08:00.2:0.4, 9.10N-92.49E, mb4.9/27, mb1 4.9/27, mb1mx4.9/29, Error ellipse: s-maj=21.4km s-min=11.0km az=48.0

BJI 26 05:08:03.5, 9.37N-92.53E, h1km, mb5.4

NEIC 26 05:08:04.8:0.2, 9.03N-92.46E, h30km, mb5.0/18, Error ellipse: s-maj=7.9km s-min=4.9km az=45.0

ISC 26 05:08:03.5:0.3, 9.00N-0.07, 92.44E-0.06, h34km, h34km, 8km, pP-P, n131, e075/82, mb5.0/47, 4C-3D, Nicobar Islands region

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

Table with columns: LSA, LhaSa, 20.63 357, Op, P, 05 12 42.8 +0.1

Table with columns: CD2, Chengdu, 24.22 24, P, 05 13 19.0 +0.7

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

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

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

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

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

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

Table with columns: BSEG, Bad Segeberg, 75.15 323, eP, P, 05 20 12.1 +0.3

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

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

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

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

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

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



Msz5.9  
 IDC 26 05:16:07.2,0.4,9.22N,93.92E,mb5.0/28,mb1.5,1/29,  
 m+1mx5.1/29,ML5.5/1,Error ellipse: s-maj=19.2km  
 s-min=11.8km az=55.0  
 MOS 26 05:16:10.7,1.1,9.27N,94.01E,h33km,mb5.4/29,Error  
 ellipse: s-maj=14.5km s-min=6.5km az=121.9  
 NEIC 26 05:16:11.0,0.2,9.32N,94.04E,mb5.4/51,Error ellipse:  
 s-maj=8.5km s-min=5.9km az=223.0  
 ISC 26 05:16:09.2,0.3,9.07N,0.05,93.75E,0.05,h22km,  
 h22km,8km,pp-P,n259,σ1913/215,mb5.2/81,MS5.9/2,  
 13C-7D,Nicobar Islands region

Code	Station Name	Lat	Lon	Phase	ID	ISC	Time	Res
Code	Station Name	Lat	Lon	Phase	ID	ISC	Time	Res
CMAR	Chiang Mai Arr	10.61	28	P			05 18 38.0	-5.2
CMAR	Chiang Mai Arr	10.61	28	P			05 18 38.0	-5.1
CAL	Calcutta	14.37	339	eP			05 19 30.8	-2.8
SHL	Shillong	16.50	354	eP			05 19 59.1	-2.0
KMI	Kunming	18.11	27	eP			05 20 24.5	+3.1
QIZ	Qiongzong	18.47	56	P			05 20 27.0	+1.2
MNGI	Mangalore	18.97	283	e			05 20 36.7	+4.9
LATR	Latur	19.09	301	eP			05 20 35.2	+2.0
AKL	Akola	19.86	307	eP			05 20 46.0	+4.1
GOA	Goa	20.18	290	eP			05 20 59.4	
GYA	Guyang	21.49	341	iP			05 20 55.8	+0.2
CD2	Chengdu	23.65	221	iP			05 21 22.0	+2.0
NDI	New Delhi	25.95	324	eP			05 21 31.0	-1.6
ENH	Enshi	25.71	33	eP			05 21 33.6	-6.2
PONG	Pong	28.13	327	e			05 21 53.0	-8.9
LZH	Lanzhou	28.42	17	eP			05 22 05.5	+1.0
WHN	Wuhan	28.74	39	P			05 22 08.3	+0.9
NJ2	Nanjing	32.63	42	eP			05 22 41.5	-0.3
NJ2	Nanjing	32.63	42	eP			05 22 51.0	+2.8
NJ2	Nanjing	32.63	42	eP			05 22 54.3	+3.2
WMO	Urumqi	35.02	352	P			05 23 03.5	+1.2
WMO	Urumqi	35.02	352	P			05 23 08.0	-0.8
WMO	Urumqi	35.02	352	P			05 23 10.5	-1.1
BJT	Baotou	36.73	29	eP			05 23 12.7	-4.1
BJI	Beijing	36.75	29	P			05 23 17.8	+0.8
DLK	Ala-Archa	37.46	336	eP			05 23 21.8	-1.1
AA2	Dalian	38.82	36	P			05 23 36.0	+1.6
MBWA	Muramba Bar	39.42	140	eP			05 23 38.4	-1.1
SOMM	Songrio Array	40.09	13	P			05 23 44.7	-0.1
SOMM	Songrio Array	40.09	13	P			05 25 49.0	-0.9
ULN	Ulanbatar	41.27	14	eP			05 23 37.1	-9.2
SNY	Shenyang	41.89	34	iP			05 24 00.3	+0.6
ZAK	Zakamensk	41.93	9	eP			05 24 00.0	+0.1
CN2	Changchun	42.23	33	iP			05 24 19.0	+0.2
ZAL	Zalesovo	45.32	353	P			05 24 25.4	-1.8
ZAL	Zalesovo	45.32	353	P			05 24 25.4	-1.9
ZAL	Zalesovo	45.32	353	P			05 24 25.4	-1.9
ZAL	Zalesovo	45.32	353	P			05 24 25.4	-1.9
NVS	Novosibirsk	46.41	352	eP			05 24 25.0	-0.9
NVS	Novosibirsk	46.41	352	eP			05 24 25.0	-0.9
NVS	Novosibirsk	46.41	352	eP			05 24 25.0	-0.9
NVS	Novosibirsk	46.41	352	eP			05 24 25.0	-0.9
MDJ	Mudanjiang	47.05	35	P			05 24 42.0	+0.9
NWAO	Narrogin (SRO)	47.38	153	P			05 24 42.8	-1.1
NWAO	Narrogin (SRO)	47.38	153	P			05 24 42.8	-1.1
NWAO	Narrogin (SRO)	47.38	153	P			05 24 42.8	-1.1
NWAO	Narrogin (SRO)	47.38	153	P			05 24 42.8	-1.1
BVAR	Borovoye Array	47.74	341	P			05 24 46.2	-0.2
BRVK	Borovoye	47.80	341	eP			05 24 46.7	-0.2
CHKZ	Chkalovo	48.22	342	eP			05 24 50.0	+0.3
MAT	Matsushiro	48.66	49	P			05 24 54.0	+0.2
WRA	Warramunga Arr	49.27	126	P			05 24 57.2	-1.5
WRA	Warramunga Arr	49.27	126	P			05 24 57.2	-1.5
WRA	Warramunga Arr	49.27	126	P			05 24 57.2	-1.5
WRA	Warramunga Arr	49.27	126	P			05 24 57.2	-1.5
ASAR	Alice Springs	50.98	130	P			05 25 10.1	-1.6
BOD	Bodaibo	51.08	14	eP			05 25 05.7	-6.3
GNI	Garni	53.33	314	P			05 25 29.6	+0.4
GNI	Garni	53.33	314	P			05 25 29.6	+0.4
GNI	Garni	53.33	314	P			05 25 29.6	+0.4
GNI	Garni	53.33	314	P			05 25 29.6	+0.4
ARU	Arti	54.64	337	eP			05 25 32.8	-5.7
ARU	Arti	54.64	337	eP			05 25 32.8	-5.7
ASAJ	Asahikawa	54.77	42	P			05 25 40.9	+1.1
ASAJ	Asahikawa	54.77	42	P			05 25 40.9	+1.2
BEST	Besiri	55.13	310	iP			05 25 47.6	+5.2
ERZM	Ezurum	55.68	312	iP			05 25 49.6	+3.3
YSS	Yuzh-Sakhalins	56.09	39	eP			05 25 37.5	+1.6
YSS	Yuzh-Sakhalins	56.09	39	eP			05 25 37.5	+1.6
YSS	Yuzh-Sakhalins	56.09	39	eP			05 25 37.5	+1.6
YSS	Yuzh-Sakhalins	56.09	39	eP			05 25 37.5	+1.6
KIV	Kislovodsk	56.18	317	P			05 25 46.5	-2.7
KIV	Kislovodsk	56.18	317	P			05 25 46.5	-2.7
KIV	Kislovodsk	56.18	317	P			05 25 46.5	-2.7
KIV	Kislovodsk	56.18	317	P			05 25 46.5	-2.7

Code	Station Name	Lat	Lon	Phase	ID	ISC	Time	Res
KIV	Kislovodsk	56.18	317	eP			05 25 50.4	+0.6
KIV	Kislovodsk	56.18	317	eP			05 25 50.4	+0.6
KIV	Kislovodsk	56.18	317	eP			05 25 50.4	+0.6
KIV	Kislovodsk	56.18	317	eP			05 25 50.4	+0.6
GOF	Gofitskoye	56.38	319	iP			05 25 53.0	+1.8
GOF	Gofitskoye	56.38	319	iP			05 25 53.0	+1.8
ELZG	Elazig	57.03	310	iP			05 25 54.8	-1.3
KMBO	Kilima Mbogo	57.18	263	P			05 25 59.5	+2.1
KMBO	Kilima Mbogo	57.18	263	P			05 25 59.5	+2.2
KMBO	Kilima Mbogo	57.18	263	P			05 25 59.5	+2.2
KMBO	Kilima Mbogo	57.18	263	P			05 25 59.5	+2.2
ASF	Jabal al Asfar	57.25	302	P			05 25 58.0	+0.4
MALT	Malatya	57.40	310	eP			05 25 57.9	-0.8
GZT	Gaziantep	57.82	309	P			05 25 57.9	-0.8
SOC	Sochi	58.05	316	eP			05 26 03.4	+0.3
SOC	Sochi	58.05	316	eP			05 26 03.4	+0.3
SOC	Sochi	58.05	316	eP			05 26 03.4	+0.3
SOC	Sochi	58.05	316	eP			05 26 03.4	+0.3
KAHT	Ahir Dag	58.42	309	iP			05 26 06.0	+0.2
EIL	Elat	58.50	299	eP			05 26 06.2	-0.3
EIL	Elat	58.50	299	eP			05 26 06.2	-0.3
EIL	Elat	58.50	299	eP			05 26 06.2	-0.3
EIL	Elat	58.50	299	eP			05 26 06.2	-0.3
COBT	Iskenderun	58.64	300	iP			05 26 07.2	
CTA	Charters Tower	59.23	120	P			05 26 10.9	-0.7
CTA	Charters Tower	59.23	120	P			05 26 10.9	-0.7
CTA	Charters Tower	59.23	120	P			05 26 10.9	-0.7
CTA	Charters Tower	59.23	120	P			05 26 10.9	-0.7
AVNT	Avonos	60.23	310	iP			05 26 17.9	-0.4
BOYT	Boyabat	60.32	313	iP			05 26 20.3	-1.9
STKA	Stephens Creek	61.21	134	eP			05 26 22.3	-2.7
STKA	Stephens Creek	61.21	134	eP			05 26 21.6	-3.4
BRTR	Keskin Array B	61.36	310	P			05 26 24.1	-1.9
BRTR	Keskin Array B	61.36	310	P			05 26 24.1	-1.8
BRTR	Keskin Array B	61.36	310	P			05 26 24.1	-1.8
BRTR	Keskin Array B	61.36	310	P			05 26 24.1	-1.8
ELDT	Eldivan	61.69	311	iP			05 26 26.3	-1.9
BALT	Baday	61.96	312	iP			05 26 28.4	-1.6
ISGT	Sivrigyounk	62.73	311	iP			05 26 30.9	-4.2
ISGT	Sivrigyounk	62.73	311	iP			05 26 39.3	-0.2
ISP	Ispar	63.40	308	eP			05 26 46.4	0.0
OBN	Obninsk	64.17	328	eP			05 26 43.2	-1.1
OBN	Obninsk	64.17	328	eP			05 26 51.0	-0.2
OBN	Obninsk	64.17	328	eP			05 26 51.0	-0.2
OBN	Obninsk	64.17	328	eP			05 26 51.0	-0.2
ULDT	Uludag	64.84	310	iP			05 26 46.2	-2.8
AYDN	Tasoluk	65.43	307	iP			05 26 53.1	+0.3
KDG	Bornova	66.01	308	iP			05 26 53.1	-3.4
KIS	Kishinev	66.38	317	eP			05 26 58.0	-0.7
KIS	Kishinev	66.38	317	eP			05 26 58.0	-0.7
CFR	Carcaliu	66.47	315	iP			05 27 04.9	+5.5
CFR	Carcaliu	66.47	315	iP			05 27 04.9	+5.6
AKASG	Malin Array B	66.98	321	P			05 26 59.9	-2.6
AKASG	Malin Array B	66.98	321	P			05 26 59.9	-2.6
AKASG	Malin Array B	66.98	321	P			05 26 59.9	-2.6
AKASG	Malin Array B	66.98	321	P			05 26 59.9	-2.6
ISR	Istrita	67.57	315	iP			05 27 13.0	+6.7
ISR	Istrita	67.57	315	iP			05 27 13.0	+6.7
ISR	Istrita	67.57	315	iP			05 27 13.0	+6.7
ISR	Istrita	67.57	315	iP			05 27 13.0	+6.7
ARI	Anoia	67.57	304	P		</		



26d 5h

Table of station data for 26d 5h, including columns for station name, frequency, power, and other technical details.

IDC 26 05:17:38.3.2.7, 2.74N-95.85E, mb4.8/7, mb1 4.9/7, mb1mx4.5/18, Error ellipse: s-maj=11.1 Okm s-min=19.3 km az=60.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WRA, ASAR, SONM, ZAL, BVAR, CTA, STKA.

IDC 26 05:20:22.8.0.5, 12.15N-92.26E, mb4.8/27, mb1 4.8/28, mb1mx4.8/30, ML4.2/1, Error ellipse: s-maj=17.5 km s-min=11.4 km

BUI 26 05:20:26.1, 12.19N-92.38E, h32km, mb5.3, Ms6.0, Msz6.1

NEIC 26 05:20:27.9.4.4, 12.16N-92.40E, h32km, mb5.3/16, Error ellipse: s-maj=10.8 km s-min=7.5 km az=223.0

ISC 26 05:20:24.6.3.9, 12.14N-106.92E, az=0.05, h15km, mb2km, n87, c1900/81, mb5.0/51, MS6.0/2, 2C-1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CMAR, KMI, LSA, DDI, ENH, THN, THN, LZH, QZH, GTA, GTA, GTA, HHC, HHC, HHC, HHC, HHC, HHC, AAK, BJT, JOW, DL2, DL2.

2002 DEC

Main table of station data for 2002 DEC, including columns for station name, frequency, power, and other technical details.

IDC 26 05:21:35.2.2.2, 5.72S-152.42E, h51km, 19km, mb4.7/16, mb1 4.9/18, mb1mx4.8/22, ML4.0/2, Error ellipse: s-maj=19.7 km s-min=9.7 km az=128.0

NEIC 26 05:21:35.2.1.9, 5.71S-152.39E, h67km, 17km, mb5.3/9, Error ellipse: s-maj=12.7 km s-min=10.6 km az=86.0

BUI 26 05:21:35.1, 5.70S-152.40E, h66km, mb5.2

ISC 26 05:21:26.6.2.7, 5.68S-106.152.48E, 0.07, h8km, 16km, n54, c1900/45, mb5.1/24, 1D, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PMG, CTA, CTAO, DZM, DZM, WRAB, WRA, WRA, ASAR, ASAR, ASAR, STKA.

668

Table of station data for 668, including columns for station name, frequency, power, and other technical details.

BUI 26 05:23:45.8, 3.30N-94.10E, h18km, mb5.0

IDC 26 05:23:47.8.0.5, 3.46N-94.13E, mb4.7/28, mb1 4.8/29, mb1mx4.8/31, ML5.1/1, Error ellipse: s-maj=24.9 km s-min=13.3 km az=46.0

NEIC 26 05:23:50.8.0.4, 3.35N-94.09E, mb5.2/10, Error ellipse: s-maj=13.9 km s-min=9.2 km az=222.0

ISC 26 05:23:49.5.0.4, 3.51N-108.09.94.22E, 0.08, h9km, h19km, 1.4 km, pP, n77, c1915/69, mb4.8/43, 4D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CMAR, KMI, ENH, JOW, HHC, HHC, HHC, BJT, NWAO, SONM, ULN, ULN, WRA, WRAB, ZAL, ZAL, BVAR, CTA, CTAO, STKA, KMBO, KMBO, KMBO, ARU, YSS, YSS, ASF, ELZG, GZT, EIL, BOYT, BRTR, ELDT, SKGT, ISP, ISP, ESKT.



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

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

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

26d 5h
26d 5h 15.8, 0.7, 7.85N-92.10E, mb4.5/14, mb1 4.6/14, mb1mx4.4/22, Error ellipse: s-maj=25.9km s-min=19.4km az=63.0

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

IDC 26 05:24:17.2-0.7, 8.48N-92.62E, mb4.7/12, mb1 4.7/13, mb1mx4.6/23, ML4.5/1, Error ellipse: s-maj=27.7km s-min=16.6km az=47.0, Nicobar Islands region

IDC 26 05:28:29.0-0.5, 6.14N-93.30E, mb4.6/20, mb1 4.7/21, mb1mx4.6/26, ML4.7/1, Error ellipse: s-maj=22.1km s-min=12.5km az=46.0, Nicobar Islands region

IDC 26 05:32:00.0-0.6, 8.61N-93.73E, mb4.2/21, mb1 4.3/22, mb1mx4.2/26, ML4.6/1, Error ellipse: s-maj=23.2km s-min=17.3km az=45.0, Nicobar Islands region

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

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

IDC 26 05:32:03.0-0.5, 8.61N-09.938E.0.1, h33km, n25, c088/23, mb4.1/22, Nicobar Islands region

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

IDC 26 05:25:12.6-1.2, 9.55N-92.78E, mb4.4/11, mb1 4.5/11, mb1mx4.3/19, Error ellipse: s-maj=49.0km s-min=26.0km az=48.0

IDC 26 05:28:47.6-0.8, 6.22N-92.68E, mb4.6/17, mb1 4.7/18, mb1mx4.6/25, ML4.9/1, Error ellipse: s-maj=32.4km s-min=19.1km az=45.0, Nicobar Islands region

IDC 26 05:31:56.4-29.0, 20.95S-176.71W, h169km, 216km, mb3.0/4, mb1 3.8/4, mb1mx3.8/14, Error ellipse: s-maj=282.0km s-min=251.4km az=139.0

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

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

IDC 26 05:32:12.9-0.9, 20.1S-0.4-177.7W.0.1, h300km, n11, c0917/1, mb3.6/5, Fiji Islands region

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

IDC 26 05:28:19.4-0.4, 6.27N-93.55E, mb4.5/25, mb1 4.5/25, mb1mx4.5/27, MS4.5/1, Ms1 4.7/1, ms1mx3.6/31, Error ellipse: s-maj=20.4km s-min=11.9km az=50.0, Nicobar Islands region

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

IDC 26 05:32:17.1-5.9, 9.14N-93.88E, h37km, 48km, mb4.4/22, mb1mx4.4/22, Error ellipse: s-maj=25.9km s-min=19.4km az=63.0

26d 5h

mb1 4.5/23, mb1mx4.4/28, ML4.8/1, Error ellipse: s-maj=24.7km s-min=12.7km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, ZAL Zalesovo, etc.

IDC 26 05:33:36.4 0.6, 5.67N-93.36E, mb4.5/18, mb1 4.6/18, mb1mx4.5/23, Error ellipse: s-maj=33.3km s-min=14.6km az=51.0

IDC 26 05:33:39.7 0.5, 5.7N-0.1, 93.5E-0.2, h33km, n21, c0873/19, mb4.5/18, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SONMG Songoing Array, WRA Warrungama Arr, ZAL Zalesovo, etc.

IDC 26 05:34:52.9 8.0, 12.52N-93.20E, h35km, 62km, mb4.3/12, mb1 4.4/13, mb1mx4.3/21, ML4.6/1, Error ellipse: s-maj=38.6km s-min=16.6km az=52.0, Andaman Islands region

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

2004 DEC

Table with columns: ILAR, Eielson Array, INK Inuvik, CPUP, ROSC El Rosal, including coordinates and time/res data.

IDC 26 05:35:08.1 0.8, 2.97N-94.06E, mb4.9/16, mb1 4.9/17, mb1mx4.8/24, ML4.7/1, Error ellipse: s-maj=25.3km s-min=17.9km az=26.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kunigami, WRA Warrungama Arr, etc.

IDC 26 05:35:31.4 0.6, 10.69N-91.32E, mb4.7/22, mb1 4.8/23, mb1mx4.7/27, ML4.5/1, Error ellipse: s-maj=25.2km s-min=12.0km az=45.0

IDC 26 05:35:34.5 0.5, 10.56N-10.09E, 0.1, h33km, n48, c074/47, mb4.7/23, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, etc.

IDC 26 05:38:43.2 0.6, 5.01N-93.58E, mb4.6/18, mb1 4.7/19, mb1mx4.5/25, ML5.0/1, Error ellipse: s-maj=23.4km s-min=17.7km az=57.0

IDC 26 05:38:46.0 0.6, 5.00N-101.93E, 0.1, h33km, n23, c055/19, mb4.5/18, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, WRA Warrungama Arr, etc.

670

IDC 26 05:35:44.5 0.5, 10.77N-91.32E, mb4.9/26, mb1 4.9/27, mb1mx4.9/30, ML5.2/1, Error ellipse: s-maj=21.1km s-min=11.8km az=42.0

IDC 26 05:35:47.4 0.4, 10.76N-10.10E, 0.1, h33km, n31, c088/29, mb4.9/26, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, ZAL Zalesovo, etc.

IDC 26 05:37:25.1 2.9, 5.21N-94.66E, mb4.3/8, mb1 4.4/8, mb1mx4.2/19, Error ellipse: s-maj=122.0km s-min=54.6km az=85.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like LATR Latur, BRTR Keskin Array, AKASG Malin Array, etc.

IDC 26 05:38:43.2 0.6, 5.01N-93.58E, mb4.6/18, mb1 4.7/19, mb1mx4.5/25, ML5.0/1, Error ellipse: s-maj=23.4km s-min=17.7km az=57.0

IDC 26 05:38:46.0 0.6, 5.00N-101.93E, 0.1, h33km, n23, c055/19, mb4.5/18, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warrungarra Arr, SONMI Soginno Array, ASAR Alice Springs, ZAL Zalesovo, etc.

BUI 26 05:42:47.7, 5.32N, 94.13E, h33km, mb5.3
MOS 26 05:42:48.0, 0.8, 5.55N, 94.36E, h33km, mb5.2/27, Error ellipse: s-maj=12.9km s-min=7.2km az=118.8
NEIC 26 05:42:49.3, 0.2, 5.49N, 94.29E, h30km, mb5.1/29, Error ellipse: s-maj=7.1km s-min=4.9km az=215.0
IDC 26 05:42:51.2, 3.8, 5.55N, 94.32E, h45km, mb4.7/30, mb1.4, 7/31, mb1mx4.7/33, ML4.4/1, Error ellipse: s-maj=16.6km s-min=10.2km az=38.0
ISC 26 05:42:47.7, 5.45, 4.68N, 0.7, 94.29E, 0.06, h33km, 29km, h33km, 5, 7, 7km, pp-P, n160, c08/4/142, mb5.1/72, 10C-6D, Northern Sumatera

Main table of station data for the left column, including stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Main table of station data for the middle column, including stations like CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, etc.

Main table of station data for the right column, including stations like GRF Grafenberg Arr, MOTA Moosalm, NB2 NORSAR Array B, etc.











Table with columns for call sign, frequency, power, and other technical details. Includes entries like GYA, POONA, BHPL, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like ZAK, MOY, TLY, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like YSS, UMS, KIV, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LVZ Lovozero, VLU Vasula, VYU Vasula, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HFS HFS, MOR8 Moi Rana, MOR8 Mori Rana, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ECH Echery, MOF Molkenrain, ENR Enkraque, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mineville/With, Marysval, MSU, Antelope Range, etc.

IDC 26 06:09:30.8, 0.4, 6.38N-93.24E, h28km±2km, mb4.5/26, m1 4.6/27, mb1mx4.6/27, ML4.5/1, Error ellipse: s-maj=18.9km s-min=8.9km az=46.0

NEIC 26 06:09:30.8, 0.2, 6.34N-93.20E, mb4.8/14, Error ellipse: s-maj=9.7km s-min=5.5km az=49.0

BUI 26 06:09:30.8, 6.30N-93.20E, h29km±2km, mb4.9, ISC 26 06:09:28.8, 0.3, 6.31N-93.20E, 0.07, h29km, h29km±, 6km; pP-P, n76, 08/82/64, mb4.7/37, 1C, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Ostrava-Krasne, Kevo, Bratislava, etc.

BUI 26 06:11:03.7, 8.97N-93.72E, h45km, mb6.2, mb5.3, Ms5.9, ISC 26 06:11:04.8, 0.5, 9.37N-93.90E, h24km±3km, mb4.6/22, m1 4.6/23, mb1mx4.6/26, ML4.7/1, Error ellipse: s-maj=18.6km s-min=11.1km az=49.0

NEIC 26 06:11:04.8, 0.2, 9.31N-93.91E, mb5.1/22, Error ellipse: s-maj=7.6km s-min=5.5km az=47.0

ISC 26 06:11:02.0, 8.4, 9.18N-97.9385E, 0.06, h25km, h25km±, 7km; pP-P, n101, 08/80/90, mb4.9/49, MS5.8/3, 4C-4D, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Almayashu, Al-Archana, Chumysh, etc.

26d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LPL La Plagne, ESDC Sonseca Array, SPU Mount Spurr, etc.

IDC 26 06:11:40.8-0.8, 4.49N-93.31E, mb4.6/11, mb1 4.8/12, mb1mx4.5/21, ML5.0/1, Error ellipse: s-maj=37.7km s-min=17.9km az=55.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, NWAON Narogin (SRO), SONM Sogingo Array, etc.

IDC 26 06:13:00.9-0.8, 7.83N-92.68E, mb4.3/9, mb1 4.4/10, mb1mx4.2/20, ML4.4/1, Error ellipse: s-maj=39.2km s-min=19.9km az=49.0

IDC 26 06:13:03.9-0.7, 8.8N-91.0-92.8E, 0.1, h33km, n10, 0.0561/10, mb4.3/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, BVAR Borovoye Array, WRA Warramunga Arr, etc.

IDC 26 06:15:11.8-0.8, 8.22N-93.95E, h21km, 3km, mb4.1/14, mb1 4.2/15, mb1mx4.1/22, ML4.2/1, Error ellipse: s-maj=32.0km s-min=18.4km az=59.0

IDC 26 06:15:10.0-0.4, 7.82N-91.0-92.0E, 0.1, h22km, h22km, 1.0km, pp-P, n19, 0.077/19, mb4.3/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HFS Hagfors, HFS NORSAR Subarra, NOA NORSAR Array, etc.

IDC 26 06:15:18.2-0.7, 5.41N-93.97E, h15km, 4km, mb4.3/12, mb1 4.4/13, mb1mx4.3/20, ML4.5/1, Error ellipse: s-maj=23.5km s-min=13.5km az=43.0

IDC 26 06:15:16.7-0.6, 5.4N-91.0-94.0E, 0.1, h16km, h16km, 7km, pp-P, n20, 0.100/20, mb4.4/13, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warramunga Arr, etc.

IDC 26 06:15:45.8-0.9, 4.31N-94.86E, mb4.6/15, mb1 4.6/16, mb1mx4.5/22, Error ellipse: s-maj=33.7km s-min=17.2km az=46.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kumigami, SONM Sogingo Array, etc.

IDC 26 06:16:10.6-0.4, 5.80N-93.30E, mb4.8/26, mb1 4.8/27, mb1mx4.8/29, ML4.9/1, Error ellipse: s-maj=10.5km az=45.0

NEIC 26 06:16:14.7-0.2, 5.84N-93.36E, mb4.9/12, Error ellipse: s-maj=9.9km s-min=6.1km az=49.0

BUI 26 06:16:14.6-0.5, 8.0N-93.00E, h26km, mb4.8

IDC 26 06:16:12.8-0.3, 5.75N-90.07E, 0.9327E, 0.06, h27km, h27km, 1.6km, pp-P, n73, 0.092/73, mb4.8/40, 2C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Kumigami, QIZ Qiongzong, etc.

678

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

IDC 26 06:16:46.0-1.7, 5.16N-93.84E, mb4.6/6, mb1 4.6/6, mb1mx4.2/17, Error ellipse: s-maj=78.6km s-min=26.2km az=54.0, Off west coast of northern Sumatara

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

IDC 26 06:17:50.9-1.2, 4.28N-95.29E, mb4.5/12, mb1 4.5/13, mb1mx4.4/22, Error ellipse: s-maj=40.4km s-min=29.8km













26d 6h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TLY Talaya, CN2 Changchun, CN2 comp=Z,60nm,0.7s,mb5.6, etc.

2004 DEC

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SVT Sochi, SOC comp=Z,22nm,0.9s,mb5.2, SOC comp=N,19nm,1.0s, etc.

684

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ARV Arcevia, WET Wetzell, CLL Collin, etc.

Table with columns: Station Name, Time, Res, Code, and various parameters. Includes stations like MSU Marysvalde, PV10 Paradox Alley, TXAR Lajitas Array, etc.

DC 26:06:40:10.0.0.8, 4.50N-95.27E, h20km, 5km, mb4, 9/25, mb1 4.9/26, mb1mx4.9/30, Error ellipse: s-maj=21.5km s-min=13.5km az=33.0

ISC 26:06:40:08.0.5, 4.35N-109.95.27E.0.08, h22km, h22km, 1.1km, p-P, n59, o89/85/47, m5.0/27, MS5.5/1,

Main table for DC 26:06:40:08.0.5, 4.35N-109.95.27E.0.08, h22km, h22km, 1.1km, p-P, n59, o89/85/47, m5.0/27, MS5.5/1, Northern Sumatera. Lists stations like CMAR Chiang Mai Arr, JOW Kunigami, KSH Kashi, etc.

Table for 2004 DEC with columns: Station Name, Time, Res, Code, and parameters. Includes TXAR Lajitas Array, TXAR comp=E,1.4nm,0.7s, etc.

DC 26:06:43:14.4.1.1, 6.85N-93.41E, mb4, 4/7, mb1 4.5/20, mb1mx4.2/17, Error ellipse: s-maj=126.0km s-min=26.9km az=44.0, Nicobar Islands region

Table for DC 26:06:43:14.4.1.1, 6.85N-93.41E, mb4, 4/7, mb1 4.5/20, Nicobar Islands region. Lists stations like WRA Warrungama Arr, BRTR Keskin Array, etc.

DC 26:06:45:08.0.0.7, 5.88N-93.40E, h25km, 4km, mb4, 3/20, mb1 4.4/21, mb1mx4.3/26, ML4.4/1, Error ellipse: s-maj=26.1km s-min=12.1km az=38.0

ISC 26:06:45:06.2.0.5, 5.9N-101.93.45E.0.10, h26km, h26km, 1.1km, p-P, n27, o89/89/23, mb4.5/22, Off west coast of northern Sumatera

Main table for DC 26:06:45:08.0.0.7, 5.88N-93.40E, h25km, 4km, mb4, 3/20, mb1 4.4/21, mb1mx4.3/26, ML4.4/1, Error ellipse: s-maj=26.1km s-min=12.1km az=38.0. Lists stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungama Arr, etc.

DC 26:06:46:24.5.0.7, 8.43N-92.24E, mb4, 3/19, mb1 4.5/20, mb1mx4.4/25, ML4.8/1, Error ellipse: s-maj=33.6km s-min=13.3km az=46.0

ISC 26:06:46:27.8.0.6, 8.5N-101.92.4E.0.1, h33km, n22, o81/21, mb4.3/20, Nicobar Islands region

Main table for DC 26:06:46:24.5.0.7, 8.43N-92.24E, mb4, 3/19, mb1 4.5/20, Nicobar Islands region. Lists stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungama Arr, etc.

Table for 26d 6h with columns: Station Name, Time, Res, Code, and parameters. Includes ILAR Eielson Array, INK Inuvik, PDAR Malin Array, etc.

DC 26:06:50:22.8.1.3, 7.45N-92.76E, mb4, 1/5, mb1 4.3/6, mb1mx4.0/17, Error ellipse: s-maj=50.4km s-min=22.0km az=62.0

ISC 26:06:50:26.4.1.3, 7.7N-101.93.0E.0.3, h33km, n6, o89/93/6, mb4.1/5, Nicobar Islands region

Table for DC 26:06:50:22.8.1.3, 7.45N-92.76E, mb4, 1/5, mb1 4.3/6, Nicobar Islands region. Lists stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungama Arr, etc.

DC 26:06:53:00.9.1.3, 9.71N-94.43E, mb4, 0/7, mb1 4.1/8, mb1mx3.9/18, ML4.4/1, Error ellipse: s-maj=43.9km s-min=27.6km az=51.0

ISC 26:06:53:04.7.1.1, 9.9N-102.94.7E.0.2, h33km, n8, o89/97/8, mb4.3/17, Nicobar Islands region

Main table for DC 26:06:53:00.9.1.3, 9.71N-94.43E, mb4, 0/7, mb1 4.1/8, Nicobar Islands region. Lists stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungama Arr, etc.

DC 26:06:55:13.0.1.0, 10.54N-91.63E, h19km, 3km, mb4, 3/13, mb1 4.4/14, mb1mx4.3/20, Error ellipse: s-maj=29.7km s-min=12.9km az=50.0

ISC 26:06:55:10.8.0.6, 10.5N-101.91.7E.0.1, h18km, h18km, 1.1km, p-P, n24, o86/63/17, mb4.3/14, Andaman Islands region

Main table for DC 26:06:55:13.0.1.0, 10.54N-91.63E, h19km, 3km, mb4, 3/13, Andaman Islands region. Lists stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungama Arr, etc.











Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Changchun, Zalesovo, Hailar, Novosibirsk, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like YAK, HAQS, COBT, EIL, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KECS, NIE, PSZ, OJC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BFO Black Forest, FELD Feldberg, LANF Langenberg, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like LPAZ La Paz, CMAR Chiang Mai Arr, IMP Imphal, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MDJ Mudanjiang, BVAR Borovoye Array, BKZ Chkhalovo, etc.

3.5nm, 1.1s, baz=90, slow=4, SNR=5.3

IDC 26 07:20:55.0-1.0, 8.87N-93.58E, mb4.2/10, mb1 4.4/10, mb1mx4.1/19, Error ellipse: s-maj=70.9km s-min=18.1km az=49.0, Nicobar Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res h m s ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, etc.

IDC 26 07:21:02.1-0.9, 4.68N-93.29E, mb4.4/10, mb1 4.5/11, mb1mx4.3/18, ML4.2/1, Error ellipse: s-maj=45.1km s-min=16.1km az=52.0

ISC 26 07:21:05.3-0.7, 4.7N-101.9E, 0.2, h33km, n16, az=86/13, mb4.4/11, Off west coast of northern Sumatera

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

NEIC 26 07:22:02.0-1.2, 21.37S-178.92W, h544km, 14km, mb4.6/6, Error ellipse: s-maj=15.2km s-min=9.9km az=133.0

IDC 26 07:22:11.7-2.1, 21.58S-178.95W, h590km, 31km, mb3.6/17, mb1 3.8/18, mb1mx3.8/22, Error ellipse: s-maj=17.1km s-min=15.1km az=130.0

ISC 26 07:22:06.0-1.3, 2.2-0.07, 178.9W, 0.1, h528km, 16km, mb3.3, az=99/37, mb2.2, 1C-4D, Fiji Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res h m s ISC. Includes stations like AFU Afiatalu, PUI Puketiti, URZ Urewera, etc.

Table with columns: EIL, Elat, 148.47 292, PKPbc, PKPdf, 07 40 52.5 +3.8. Includes stations like MLR Muntele Rosu, OUPC Ostrava-Krasne, etc.

BUI 26 07:23:36.3, 5.38N-94.37E, h31km, mb5.0, NEIC 26 07:23:38.0-4.5, 4.44N-94.41E, h30km, mb4.7/12, Error ellipse: s-maj=12.4km s-min=8.3km az=219.0

IDC 26 07:23:42.2-7.6, 5.60N-94.51E, h56km, 68km, mb4.3/18, mb1 4.4/18, mb1mx4.3/23, ML4.8/1, Error ellipse: s-maj=21.3km s-min=13.0km az=45.0

ISC 26 07:23:36.7-0.5, 5.41N-100.07, h30km, n54, az=102/46, mb4.6/38, 1C, Northern Sumatera

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res h m s ISC. Includes stations like CMAR Chiang Mai Arr, CHG Chiang Mai, QIZ Qiongzong, etc.

IDC 26 07:24:47.8-0.4, 7.51N-92.75E, mb5.0/29, mb1 5.1/29, mb1mx5.0/30, ML5.6/1, Error ellipse: s-maj=16.8km s-min=10.4km az=39.0

MOS 26 07:24:50.9-0.9, 7.58N-92.81E, h33km, mb5.2/30, Error ellipse: s-maj=16.9km s-min=7.4km az=122.3

BUI 26 07:24:50.1, 7.64N-92.59E, h15km, mb5.7, mb5.1, Ms5.5, Ms2.5

NEIC 26 07:24:53.0-2.3, 7.42N-92.64E, h35km, 15km, mb5.1/30, Error ellipse: s-maj=7.9km s-min=5.9km az=201.0

ISC 26 07:24:49.5-0.3, 7.379N-100.92, 70E, 0.4, h25km, h25km, 2.6km, p-P, n167, az=99/167, mb5.1/70, MS5.5/2, 12C-8D, Nicobar Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res h m s ISC. Includes stations like PALK Palleke, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.



Table with columns: BVAR, Borovoye Array, BRVK, WRA, WRA, CHKZ, MAT, MAT, ASAR, ASAR, CBJI, BOD, GNI, GNI, ARU, ARU, KMB0, KMB0, KMB0, KMB0, KIV, KIV, KIV, KIV, KIV, KIV, PMG, PMG, PMG, PMG, MALT, EIL, CTA, CTA, CTA, CTA, STKA, BRTR, BRTR, OBN, OBN, AKASG, AKASG, AKASG, MA2, MA2, MA2, MA2, MLR, MLR, MLR, MLR, KOLS, KOLS, KOLS, CRVS, CRVS, CRVS, FINES, FINES, FINES, KAF, KAF, NIE, OJC, VYHS, OMC, OMC, KEV, KEV, ZST, ZST, ARCES, ARCES, ARCES, DPC, DPC, DPC, ARSA, ARSA, PRU, PRU, BRG, BRG, GEC2, GEC2, GEC2, GEC2, GEC2, MAW, MAW, MAW, WET, WET, WET, CLL, CLL, CLL

Table with columns: CLL, Collm, NKC, FX1, FX1, WATA, MOX, MOX, MUX, SQA, SQA, GRF, GRF, MOTA, NB2, NOA, NOA, NOA, NOA, NOA, CLZ, BSEB, BFO, BFO, LPL, DAG, DAG, DAG, ESCD, IMA, ILAR, ILAR, ILAR, DBIC, DBIC, INK, INK, INK, YKA, YKA, UMO, UMO, LAO, LAO, REDD, REDD, PDAR, PDAR, NEN, NEN, PV10, PV10, ANMO, ANMO, MNTY, MNTY, TXAR, TXAR, TXAR, BDFB, BDFB, BDFB, SJG, SJG, SJG, LVC, LVC, LPAZ, LPAZ, LPAZ, ROSC, ROSC, IDC 26 07:26:38.2, 0.8, 2.8N, 94.02E, mb4.4/14, mb1 4.5/14, az=56.0, ISC 26 07:26:41.2, 0.7, 8.3N, 101.94E, 10.0, h33km, m21, 0.07420, mb4.4/16, 1C, Nicobar Islands region, Code, Station Name, Az, Phase ID, Time, Res

Table with columns: BJI, BJI, NEIC, NEIC, ISC, ISC, Code, Station Name, Az, Phase ID, Time, Res, BJI 26 07:30:13.9, 24.76N, 101.75E, h51km, mb4.7, ML5.0, Ms5.0, Ms24.8, NEIC 26 07:30:16.9, 1.1, 24.85N, 101.69E, h66km, 10km, mb4.7/5, Error ellipse: s-maj=10.9km, s-min=7.8km, az=90.0, ISC 26 07:30:07.5, 0.4, 24.61N, 104.101E, 0.05, h10km, m49, 0.1940/65, mb4.5/24, MSS.1/1, 3C, Yunnan, Code, Station Name, Az, Phase ID, Time, Res



Table with 5 columns: YKA, Yellowknife Ar, 88.52, 16, P, P, 07 43 01.4 +0.3

IDC 26 07:30:20.7, 0.8, 4.44N-96.13E, mb4.4/12, mb1 4.5/12, mb1mx4.4/19, Error ellipse: s-maj=49.4km s-min=15.2km az=49.0

ISC 26 07:30:20.7, 0.8, 4.5N-96.2E, 0.2, h33km, n15, 0553/12, mb4.4/12, Northern Sumatara

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

IDC 26 07:31:51.3, 1.2, 9.01N-93.77E, mb4.4/12, mb1 4.6/12, mb1mx4.4/20, Error ellipse: s-maj=44.7km s-min=26.7km az=48.0

ISC 26 07:31:53.8, 0.9, 8.6N-93.43E, 0.08, h33km, n27, 0595/24, mb4.5/15, Nicobar Islands region

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

BJI 26 07:31:57.9, 24.80N, 101.55E, h21km, ML4.2, C, Yunnan

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

IDC 26 07:35:39.3, 0.9, 2.80N-94.30E, mb4.2/9, mb1 4.4/10, mb1mx4.3/19, ML4.4/1, Error ellipse: s-maj=37.1km s-min=21.3km az=43.0, Off west coast of northern Sumatara

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

IDC 26 07:35:47.2, 2.1, 2.60N-94.13E, mb4.3/8, mb1 4.5/9, mb1mx4.2/19, ML4.4/1, Error ellipse: s-maj=48.6km s-min=17.9km az=54.0, Off west coast of northern Sumatara

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

Table with 5 columns: STKA, Stephens Creek, 56.57, 131, P, P, 07 45 32.9 -1.4

BRTR Keskin Array B 65.91 313 P P 07 46 35.0 -2.3

GERES GERRSS Array B 81.75 319 P P 07 48 08.2 -1.0

BJI 26 07:38:24.6, 1.3, 10.0N-93.03E, h29km, mb6.1, mb5.8, Ms6.1, Ms25.9

IDC 26 07:38:25.1, 3.2, 13.12N-93.06E, h18km, 19km, mb5.5/35, mb1 5.5/36, mb1mx5.5/36, ML5.8/1, MS5.8, Ms1 5.8/8, ms1mx5.2/31, Error ellipse: s-maj=13.6km s-min=8.8km az=97.0

MOS 26 07:38:26.1, 1.4, 13.19N-93.02E, h33km, mb5.9/66, MS5.8/13, Error ellipse: s-maj=7.7km s-min=4.5km az=118.6

NEIC 26 07:38:27.0, 0.1, 13.13N-93.04E, h30km, mb5.7/120, Error ellipse: s-maj=4.8km s-min=3.2km az=199.0

SYO 26 07:38:27.6, 1.3, 15.9N-93.02E, h30km, MB5.8

ISC 26 07:38:24.1, 0.2, 13.12N-93.03E, 0.02, h24km, h24km, 1, 8km, p-P, n749, 01905/695, mb5.7/188, MS5.9/32, 77C-32D, Andaman Islands region

Table with 5 columns: Code, Station Name, Az, Az, Phase ID, Time Res

AGT AGT Agartala 10.84 351 //P P 07 40 58.0 -3.1

IMP IMP Imphal 11.63 4 P P 07 41 09.5 -2.4

MDRS MDRS Chennai 12.47 271 e P 07 41 21.2 -2.0

MDRS MDRS Chennai 12.47 271 e P 07 43 33.6 -8.8

MDRS MDRS Chennai 12.47 271 e P 07 43 33.6

BOK BOK Boko 12.60 328 e P 07 41 20.6 -4.2

PALK PALK Palekele 13.46 246 e P 07 41 36.1 -0.2

BLSP BLSP Bilsapur 13.72 312 e P 07 41 37.6 -2.2

BLSP BLSP Bilsapur 13.72 312 e P 07 41 41.2

SLGI SLGI Shilguri 14.19 343 e P 07 41 44.9 -1.1

HYB HYB Hyderabad 14.62 289 e P 07 42 24.0 -0.7

HYB HYB Hyderabad 14.62 289 i P 07 41 49.5 -2.1

HYB HYB Hyderabad 14.62 289 i P 07 41 49.5 -2.1

KMI KMI Kunming 15.04 36 e P 07 41 59.5 +2.5

KMI KMI Kunming 15.04 36 e P 07 42 02.8

KMI KMI Kunming 15.04 36 e P 07 42 05.0

KMI KMI Kunming 15.04 36 e P 07 42 11.5 +2.6

KMI KMI Kunming 15.04 36 e P 07 42 19.3 +3.3

KMI KMI Kunming 15.04 36 e P 07 44 48.0 +4.4

KMI KMI Kunming 15.04 36 e P 07 45 06.0 +4.8

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

KMI KMI Kunming 15.04 36 e P 07 45 18.0 +3.4

Table with 5 columns: CD2, comp=Z,2um,1.0s, LR, LR

CD2 comp=E,28um,13.2s LR LR

CD2 comp=Z,34um,15.0s,MS5.8 LR LR

NDI New Delhi 21.37 319 eP P 07 43 12.6 +0.4

NDI New Delhi 21.37 319 eP P 07 43 17.6

NDI New Delhi 21.37 319 eP P 07 43 17.6

GZHZH Guangzhou 21.66 60 P P 07 43 03.0 -0.2

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4

GZHZH Guangzhou 21.66 60 P P 07 43 19.5 +4.4



Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for SAFT, MDU, HENT, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for LVZ, VTS, KKB, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for CLL, Colim, WET, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IMI Imperia, ECH Echery, MONE Monesi, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like COLA College, SYO Syowa Base, ILO Iloilo, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MVU Marysvalde, MSU Marysvalde, SRU San Rafael, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, BVAR Borovoye Array, etc.

ADC 26:07:48.38.0.1.4, 6.67N-94.05E, mb4.2/11, mb1 4.4/12, mb1mx4.3/20, Error ellipse: s-maj=50.7km s-min=30.6km az=44.0

ISC 26:07:48.41.0.1.0, 6.66N-94.05E, h33km, n12, c0585/12, mb4.3/11, Nicobar Islands region

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

ADC 26:07:50.35.7.0.8, 1.2N-92.22E, mb4.2/15, mb1 4.4/15, mb1mx4.2/23, Error ellipse: s-maj=45.6km s-min=19.9km az=45.0

ISC 26:07:50.35.7.0.8, 1.1N-92.22E, h33km, n16, c0586/15, mb4.2/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, BVAR Borovoye Array, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, INK Lajitas Array, TXAR Lajitas Array, etc.

ADC 26:07:52.26.0.0.4, 8.18N-94.12E, mb4.9/31, mb1 5.0/32, mb1mx5.0/32, ML5.0/1, Error ellipse: s-maj=21.1km s-min=10.6km az=48.0

NEIC 26:07:52.28.0.0.2, 8.13N-94.07E, mb5.5/68, Error ellipse: s-maj=7.1km s-min=5.3km az=49.0

BUI 26:07:52.28.1.7, 8.22N-93.68E, h38km, mb6.0, mb5.0, Ms6.3, az=25.0

SYO 26:07:52.32.8.8, 17N-94.05E, h48km, MB5.4, ORF 26:07:52.33.7.9, 0.04N-94.52E, h30km, mb5.6

ISC 26:07:52.27.1.0.2, 8.01N-94.03E, h0.4, h19km, h19km1, c0587/17, 22, mb5.2/101, MS6.0/7, 20-DM, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, IMP IMP, SHL SHL, SHL SHL, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH comp=Z.82nm, 1.6s, mb5.2, LZH comp=Z.450nm, 7.0s, LZH comp=E.20um, 14.0s, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EIL, COBT, YAKA, STKA, AVNT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NOA, NAOOI, GSCA, BSEB, BRMO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like STKA, FINES, ARCES, GERES, KHC, etc.







Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like VYHSE, KEVO, OKC, ARCES, ZST, DPC, etc.

ATH 26 08:05:39.9, 36.19N-27.26E, h13km, 1km, MD4.0/10, ML4.3
NEIC 26 08:05:40.0, 36.19N-27.26E, h14km, mb4.6/1, ML4.3(A)TH, After ATH.
ISK 26 08:05:40.5, 36.00N-27.17E, h47km, ML4.2
CSEM 26 08:05:42.7, 36.17N-27.43E, h60km, mb4.7/1, Error ellipse: s-maj=2.2km, s-min=1.4km, az=8.0
IDC 26 08:05:44.3, 3.2, 36.18N-27.21E, h35km, 31km, mb4.1/7, mb1.4/2.13, mb1mx4.0/2.4, ML3.9/6, MS4.5/1, Ms1 4.5/1, ms1mx3.7/2.6, Error ellipse: s-maj=20.8km, s-min=14.3km, az=162.0
NIC 26 08:05:45.7, 0.2, 36.25N-27.54E, h25km, mb4.6, ML4.2, MV3.6

ISC 26 08:05:42.0-0.3, 36.01N-0.03, 27.39E-0.02, h50km, 6km, n85, r125/100, mb4.3/7, 3C-2D, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KARPH, ARG, DALY, MILAS, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ALFC, LKAP, KONT, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like EIL, ALWS, HAQS, JMOS, etc.

IDC 26 08:09:08.7, 0.7, 17N-94.76E, mb4.4/19, mb1 4.5/19, mb1mx4.4/24, Error ellipse: s-maj=33.4km, s-min=17.2km, az=45.0
ISC 26 08:09:12.0, 0.6, 17.1N-0.1, 94.8E-0.1, h33km, m23, r0589/20, mb4.0/19, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SONM, WRA, ZAL, ASAR, etc.

IDC 26 08:12:32.0, 0.5, 9.13N-93.72E, mb4.4/24, mb1 4.5/24, mb1mx4.5/28, Error ellipse: s-maj=22.9km, s-min=12.3km, az=45.0
NEIC 26 08:12:38.7, 2.7, 9.26N-93.84E, h36km, 22km, mb4.8/12, Error ellipse: s-maj=21.2km, s-min=14.6km, az=46.0
BUJ 26 08:12:41.1, 9.39N-93.05E, h37km, mb4.7

ISC 26 08:12:32.3, 0.5, 9.14N-0.1, 93.9E-0.1, h15km, 35km, n68, r0598/59, mb4.0/36, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CM31, CHG, KMI, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like STKA, BRTR, AKAS, etc.

NEIC 26 08:12:58.8, 0.3, 63.33S-72.62W, h39km, MD3.5(GUC), After GUC
GUC 26 08:12:58.8, 0.0, 63.63S-72.62W, h39km, 3km, MD3.5, ML3.1, 12C-12D, Off coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like LCCH, IHA, LNV, etc.

IDC 26 08:13:16.4, 1.3, 7.00N-94.74E, h31km, 6km, mb4.5/9, mb1 4.6/9, mb1mx4.2/21, Error ellipse: s-maj=43.4km, s-min=21.4km, az=48.0
ISC 26 08:13:14.4, 1.1, 7.0N-0.2, 94.8E-0.2, h32km, h32km, 1.1km, p-P, n14, r0547/10, mb4.6/9, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SONM, WRA, ZAL, etc.

IDC 26 08:13:40.9, 0.6, 13.30N-96.55E, mb4.4/9, mb1 4.6/10, mb1mx4.4/20, ML5.0/1, Error ellipse: s-maj=24.9km, s-min=14.8km, az=71.0
ISC 26 08:13:44.0, 0.6, 13.31N-0.7, 96.6E-0.1, h33km, n17,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV, ROSC. Includes station data for Chiang Mai Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV, ROSC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Warramunga Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV.

BUI 26 08:14:50.7, 0.1, 6.8, 8.9N, 94.14E, h30km, mb4.9, IDC 26 08:14:58.0, 1.6, 6.8, 8.9N, 94.66E, h28km, mb4.4/12, mb1.4/12, mb1mx4.0/20, Error ellipse: s-maj=36.7km s-min=30.0km az=50.0

IDC 26 08:18:46.4, 0.8, 3.2N, 0.2, 96.0E, 0.2, h33km, n12, c0815/12, mb4.0/11, Off west coast of northern Sumatra

IDC 26 08:27:50.4, 0.8, 6.43N, 93.38E, h33km, mb4.1/13, mb1.4/21.4, mb1mx4.1/21, ML4.4/1, Error ellipse: s-maj=40.0km s-min=15.2km az=50.0

NEIC 26 08:14:59.1, 0.8, 6.70N, 94.54E, h30km, mb4.8/8, Error ellipse: s-maj=22.8km s-min=19.2km az=146.0

IDC 26 08:14:59.8, 2.2, 7.3N, 0.3, 92.4E, 0.2, h21km, h21km, 2.2km, pP, n36, c0659/28, mb4.7/22, Nicobar Islands region

IDC 26 08:28:07.2, 0.7, 4.26N, 93.95E, mb4.1/13, mb1.4/3/14, mb1mx4.2/20, ML4.6/1, Error ellipse: s-maj=40.6km s-min=16.6km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chengdu, Lanzhou, Hu-ho-hao-te, Baijiautau, Beijing, Songoing Array, Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Warramunga Arr, Songoing Array, Alice Springs, Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV.

IDC 26 08:15:30.4, 1.0, 13.54N, 92.77E, h30km, s-maj, mb4.3/17, mb1.4/17, mb1mx4.3/22, Error ellipse: s-maj=30.9km s-min=11.1km az=50.0

IDC 26 08:21:56.8, 0.8, 9.66N, 93.64E, h28km, mb4.0/15, mb1.4/15, mb1mx4.0/23, Error ellipse: s-maj=39.0km s-min=14.7km az=48.0

IDC 26 08:28:07.2, 0.7, 4.26N, 93.95E, mb4.1/13, mb1.4/3/14, mb1mx4.2/20, ML4.6/1, Error ellipse: s-maj=40.6km s-min=16.6km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Warramunga Arr, Songoing Array, Alice Springs, Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV.

IDC 26 08:15:28.1, 0.6, 13.5N, 0.1, 92.8E, 0.2, h30km, h30km, 7.7km, pP, n23, c0446/18, mb4.5/18, Andaman Islands region

IDC 26 08:28:07.2, 0.7, 4.26N, 93.95E, mb4.1/13, mb1.4/3/14, mb1mx4.2/20, ML4.6/1, Error ellipse: s-maj=40.6km s-min=16.6km az=50.0

IDC 26 08:28:07.2, 0.7, 4.26N, 93.95E, mb4.1/13, mb1.4/3/14, mb1mx4.2/20, ML4.6/1, Error ellipse: s-maj=40.6km s-min=16.6km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Kunigami, Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Warramunga Arr, Songoing Array, Alice Springs, Zalesovo, BVAR, BRVK, CHKZ, KMBO, BRTR, AKASG, IDI, CRVS, FINES, KAF, OJC, YVHS, ARCES, MORC, ZST, PRU, BRG, GERES, KHC, HFS, NB2, NOA, NOA, LGP, ULM, NVAR, PDAR, ANMO, PCRV, PCRV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, AR, ASAR, PMG, CTA, STKA, FINES, KEV, ARCES, GERES, HFS, NOA, ILAR, INK, NVAR, ANMO, TXAR, PCRV, SDV. Includes station data for Chiang Mai Arr, Songoing Array, Zalesovo, Warramunga Arr, Narrogin (SRO), Alice Springs, Keskin Array, Stephens Creek, Malin Array, Cervencia-Dubn, Eskdalemuir, Albuquerque, Lajitas Array, BDFB, PCRV, SDV.

IDC 26 08:23:44.1, 0.9, 11.70N, 94.89E, mb4.1/10, mb1.4/2/11, mb1.4/11, mb1mx4.1/11, Error ellipse: s-maj=53.4km s-min=17.4km az=48.0

IDC 26 08:23:44.1, 0.9, 11.70N, 94.89E, mb4.1/10, mb1.4/2/11, mb1.4/11, mb1mx4.1/11, Error ellipse: s-maj=53.4km s-min=17.4km az=48.0

IDC 26 08:30:50.5, 1.0, 12.97N, 91.53E, mb4.2/7, mb1.4/3/7, mb1mx4.1/7, Error ellipse: s-maj=50.9km s-min=19.6km az=49.0, Andaman Islands region











26d 9h

Table with columns: HYB, KMI, QIZ, LSA, LSA, GYA, GYA, GYA, GYA, GYA, PTH, ENH, DDI, DDI, LZH, THN, GTA, GTA, GTA, WJQ, NMJ, WMQ, WMQ, HHC, HHC, HHC, HHC, HHC, SONM, SONM, CN2, ZAL, HIA, NWAO, BVAR, BVAR, WRA, WRA, CHKZ, CHKZ, CHKZ, MAT, MAT, ASAR, ASAR, ASAR, GNI, PMG, KMB, KMB, CTA, CTA, YAK, YAK, YAK, STKA, STKA, BRTR, BRTR, AKASG, AKASG, IDI, KOLS, CRVS, CRVS, FINES, FINES, KAF, KAF, OJCH, OJCH, VYHS, VYHS, LBTB, LBTB, OKK, ARCES, ARCES, ARCES, MORC, MORC, ZST, ZST, DPC, DPC, BILB, BILB, UPCS, UPCS, PRU, PRU, FX1, BRG, BRG, GEC2, GEC2, GERES, GERES, KHC, KHC, CLL, CLL, CLL, WET, MAW, MAW

2004 DEC

Table with columns: MOX, FUR, GRA, GRF, GRF, NB2, NOA, NOA, NOA, BSEG, DAVOX, BFO, LFG, EKA, ESK, ESDC, ESDC, IMA, ILAR, INK, YKA, YKA, YKA, NVAR, NVAR, SADO, SADO, ANMO, TXAR, TXAR, JCT, BAO, BDFB, BDFB, PCRV, SDV, SDV, LVC, LVC, LPAZ, LPAZ, IDC 26 09 07: 41.8, 0.6, 13.52N, 92.65E, h21km, 3km, mb4.6/15, mb1mx4.7/21, MS4.1/1, Ms1 4.3/1, ms1mx3.3/29, Error ellipse: s-maj=36.6km s-min=13.4km az=48.0

706

Table with columns: TXAR, TXAR, IDC 26 09 06: 20.1, 7.3, 5.37N, 94.57E, mb4.1/9, mb1 4.2/9, mb1mx4.0/19, Error ellipse: s-maj=181.0km s-min=58.9km az=141.0, Northern Sumatra, SONM, ZAL, BVAR, BRTR, FINES, ARCES, GERES, HFS, NOA, JMA 26 09 07: 13.5, 0.2, 24.87N, 122.60E, h113km, 3km, M3.2, TAP 26 09 07: 12.0, 24.76N, 122.59E, h117km, 1km, ML4.0, Taiwan region, YOJ, YOJ, IRIF, IRIF, IRIF, HATJ, HATJ, JKRS, JKRS, JIJ, JIJ, JIJ, JIJ, JMW, JMW, JMW, JOGS, JOGS, JKE, JKE, JAGN, JAGN, JOW, JOW, JOW, JTK, JTK, JAM, JAM, IDC 26 09 07: 34.7, 0.7, 3.50N, 94.31E, mb4.6/15, mb1 4.8/16, mb1mx4.7/21, ML4.9/1, Error ellipse: s-maj=33.9km s-min=14.2km az=46.0, NEIC 26 09 07: 39.0, 6.6, 3.42N, 94.34E, h25km, 45km, mb4.9/10, Error ellipse: s-maj=22.9km s-min=11.3km az=51.0, BUJ 26 09 07: 38.2, 3.73N, 94.26E, h5km, mB5.6, mB4.8, Ms5.0, Ms2.6, ISC 26 09 07: 37.4, 6.9, 3.36N, 10.943E, 0.1, h29km, 47km, h25km, 42km, p-P, n52, 1, 92846, mb4.7/28, MS5.3/1, 1D, Off west coast of northern Sumatra, CM31, CMAR, GYA, GYA, LSA, GTA, GTA, GTA, GTA, GTA, GTA, WARR, SONM, SONM, WRA, WRAB, ASAR, ASAR, ZAL, ZAL, BRVK, BRVK, CHKZ, CTA, CTA, KMB, BRTR, KOLS, CRVS, FINES, STKA, BRTR, AKASG, AKASG, LBTB, LBTB, OKK, ARCES, ARCES, ARCES, MORC, MORC, ZST, ZST, DPC, DPC, BILB, BILB, UPCS, UPCS, PRU, PRU, FX1, BRG, BRG, GEC2, GEC2, GERES, GERES, KHC, KHC, CLL, CLL, CLL, WET, MAW, MAW





Table with columns for station name, coordinates, frequency, and signal strength. Includes stations like CAUP, GUIM, GOP, etc.

Table with columns for station name, coordinates, frequency, and signal strength. Includes stations like DL2, DL2, DL2, etc.

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







Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SRO2 Moca, RHKI Bakonya, and various ARCES and MORC stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES GERESS Array B, GERES GERESS Array B, and various MORC and ARCES stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OSL Oslo, BSEG Bad Segeberg, HDH Heidenheim, and various MORC and ARCES stations.

Table with columns for event name, time, date, and status. Includes events like VIVF Saint-Julien-1, SSF Saint Saulge, PLRV La Plantede, etc.

Table with columns for event name, time, date, and status. Includes events like MTE Manteigas, ELOB Lobos, BORG Borgarnes, etc.

Table with columns for event name, time, date, and status. Includes events like BMO Blue Mountains, YBH Yreka Blue Hor, KHMM Horse Mountain, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAT Matusushiro, CBIJ Chiji jima, KLR Kulu, GND Bodoabo, GNI GNI, PMG Port Moresby, ASAJ Asahikawa, ZEI Tsey, ARU Arti, KMBO Kilima Mbogo, YSS Yuzh-Sakhalins, KIV Kislovodsk, CTA Charters Tower, EIL Elat, STKA Stephens Creek, YAK Yakutsk, BRTR Keskin Array B, OBN Obninsk, SKR Severo-Kuril's, MA2 Magadan, AKASG Malin Array Be, IDI Anoyia, MLR Muntele Rosu, RZN Rozhen, KKB Krupnik, VPS Vitosh, APTA Apatity, FINES FINESS Array B, OJC Ojcow, YVHS Vyhn, OKC Ostrava-Krasne, ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, ZST Bratislava, DPC Dobruska-Polom, KSP Ksiaz, UPC Upec, BILL Bilibino, MAW Mawson, FX1 Attu Island-F, BRG Berggiesshubel, GERES GERESS Array B, KHC Kasperske Hory, KHC Kasperske Hory, CLL Collm, MORB Mol Rana, MORB Mol Rana, LOF Lotofen, NB2 NORSTAR Subarra, NOA NORSTAR Array B, MOL Molde, LPL La Plagne, DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, IMA Indian Mountain, ILAR Eielson Array, ILAR Eielson Array, INK Inuvik, INK Inuvik, YKA Yellowknife Arr, YKA Yellowknife Arr, YBH Yreka Blue Hor, YBH Yreka Blue Hor, ULM Lac du Bonnet, NVAR Mina Array Be, PDAR Pinedale Array, TRCR Troy Canyon, ANMO Albuquerque, TXAR Lajitas Array, JCT Junction City, BAO Brasilia Array, BDFB Brasilia, BDFB Brasilia, SJG San Juan, SJG San Juan, SJG Puerto La Cruz, LVC Limon Verde, SDV Warramunga Arr, SDV Warramunga Arr, CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, BRTR Keskin Array B, MLR Muntele Rosu, FINES FINESS Array B, ARCES ARCESS Array B, LBTB Lobatze, BRG Berggiesshubel, GERES GERESS Array B, GERES GERESS Array B, CLL Collm, NB2 NORSTAR Subarra, NOA NORSTAR Array B, LPGA La Plagne, EKA Eskdalemuir, INK Inuvik, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array, TXAR Lajitas Array, IDC 26:09:37:08.6:5.0, 3.80N-93.43E, mb4.0/4, mb1 4.3/5, mb1mx3.9/19, ML4.3/1, Error ellipse: s-maj=122.0km, s-min=68.1km az=139.0, Off west coast of northern Sumatra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNZ Kokohu, PAWZ Parauwai Farm, MSWZ Moikau Station, MSWZ Matawai, NNZ Nelson, NNZ Nelson, TRWZ Tuamarina, TRWZ Tuamarina, BSWZ Blackbirch Sta, MOZZ Mooki, KHZ Kahutara, DSZ Denniston North, DSZ Denniston North, LTZ Lake Queen's Vall, MOZZ Mooki, WVZ Waitaha Valley, IDC 26:09:38:34.7:0.4, 8.98N-92.34E, mb4.7/29, mb1 4.8/30, mb1mx4.8/32, ML4.2/1, Error ellipse: s-maj=21.9km, s-min=11.2km az=43.0, Bull 26:09:38:38.8, s: 52N:92.42E, h60km, mb5.2, NEIC 26:09:38:39.4:0.2, 8.96N-92.33E, h30km, mb4.9/24, Error ellipse: s-maj=24.4km, s-min=12.6km az=224.0, ISC 26:09:38:38.0:0.3, 8.90N-106.92.37E, 0.05, h33km, n115, s:089/102, mb4.8/53, 1-C, ID, Nicobar Islands region, CMAR Chiang Mai Arr, KMI Kunming, LSA Lhasa, GYA Guiyang, ENH Enshi, LZH Lanzhou, LZH Lanzhou, GTA Gaotai, UCH Uchto, KBK Karagaybulak, TKM2 Tkamak 2, AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, EKS2 Erkin-Say, BJT Baijituauu, USP Oспенновка, SONM Songoing Array, SONM Songoing Array, CN2 Chanchung, ZAL Zalesovo, MZLS Muzlovsk, BVAR Borovoye Array, BRVK Borovoye, NWAO Narragoinn, CHKZ Chkalovo, AFFS Ar Rass, ARSS Ar Rass, MAT Matusushiro, MAT Matusushiro, WRA Warramunga Arr, WRB Tennant Creek, HILS Ha'il, ASAR Alice Springs, ASAR Alice Springs, GNI Garni, GNI Garni, KBRB Kharaybar, ARU Arti, UMJS Uman, KIV Kislovodsk, KMBO Kilima Mbogo, JMOS Jabal Moqayreh, BDAS Ab Bad', JMOS Jabal al Moall, JMOS Haql, EIL Elat, PMG Port Moresby, PMG Port Moresby, YAK Yakutsk, CTA Charters Tower, BRTR Keskin Array B, STKA Stephens Creek, AKASG Malin Array Be, IDI Anoyia, MLR Muntele Rosu, KOLS Kolonecke sedl, SUW Suwalki, CRVS Cervencia-Dubn, FINES FINESS Array B, KAF Kargisnietni, PSZ Piskestseto, OJC Ojcow, OKC Ostrava-Krasne, LBTB Lobatze, KEV Kevo, MORC Moravsky Berou, ZST Bratislava, ARCES ARCESS Array B, VRAC Vranov, DPC Dobruska-Polom, KSP Ksiaz, UPC Upec, PRU Pruhonice, PVCC Panska Ves, BRG Berggiesshubel.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GECZ, GERES, KHC, RUE, WET, CLL, CLM, CLL, HFS, NKC, MOX, MOX, FX1, GRA1, GRF, NB2, NOA, CLZ, BSEG, DAVOX, BFO, LPL, EKA, ESDC, ILAR, DBIC, INK, INK, YKA, ULM, PDAR, NVAR, ANMO, TXAR, TXAR, BDBF, SJG, SJG, SJG, PCRV, SDV, SDV, SDV, LPAZ, LPAZ, LPAZ.

IDC 26 09:38:58.2, 0.7, 3.69N-95.42E, mb4.4/18, mb1 4.5/19, mb1mx4.5/25, ML4.4/11, Error ellipse: s-maj=43.1km s-min=14.4km

NEIC 26 09:39:02.8, 0.3, 3.61N-95.39E, h30km, mb4.5/4, Error ellipse: s-maj=14.4km s-min=6.4km az=52.0

ISC 26 09:39:01.5, 0.5, 3.6N, 0.1, 95.5E, 0.1, h33km, m28, 0574/28, mb4.4/22, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, AAK, WRA, WRAB, SONM, ASAR, ZAL, BVAR, BRVK, CHKZ, CTA, STKA, BRTR, IDI, AKASG, MLR, KOLS, FINES, ARCES, GERES, HFS, NOA, DAVOX, EKA.

IDC 26 09:42:21.6, 13.0, 10.16N-93.82E, mb4.0/3, mb1 4.3/3, s-min=45.9km az=65.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, ILAR, IDC, WRA, NB2, NOA, DAVOX, EKA, DAG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, VIS, BOK, QIZ, KMI, KMI, PKI, DMN, GUN, KKN, GKN, KOLN, LSA, LSA, DGAR, GYA, GYA, ENH, THN, WHN, LZH, LZH, GTA, WTA, WMQ, HHC, HHC, KZA, UCH, KBK, AML, TKM2, AAK, AAK, EK52, USP, SONM, WRA, WRAB, ZAL, HIA, HIA, ASAR, BVAR, BRVK, CHKZ, GNI, PMG, KMBQ, ARU, CTA, ASF, STKA, EIL, CSS, BRTR, IDI, AKASG, MLR, KOLS, FINES, KECS, KECS, KECS, YVHS, OKK, MORC, ZST, ZST, KEV, VRAC, ARCES, DPCS, UPIC, PRU, GERES, BRG, KHC, CLL, CLL, CLL, CLL, FX1, ATTU, NKC, HFS, NB2, NOA, DAVOX, EKA, DAG.

BUJ 26 09:43:18.7, 5.21N-92.81E, h52km, mb4.9 NEIC 26 09:43:19.4, 0.3, 5.33N-93.14E, h30km, mb5.1/11, Error ellipse: s-maj=9.6km s-min=7.5km az=215.0

ISC 26 09:43:17.3, 4.1, 5.50N, 0.07, 93.13E, 0.0, h27km, 228km, h26km, 7km; pp-P, n91, 0593/65, mb4.8/46, 1C-1D, Off west coast of northern Sumatara

BUJ 26 09:44:18.9, 5.30N-92.90E, h66km, mb5.1, Ms6.3, Msz5.8 NEIC 26 09:44:20.4, 0.2, 5.73N-93.10E, mb5.2/27, Error ellipse: s-maj=7.4km s-min=5.7km az=52.0

IDC 26 09:44:21.4, 4.5, 5.73N-93.16E, h44km, 41km, mb4.7/27, mb1 4.8/28, mb1mx4.8/30, Error ellipse: s-maj=20.0km s-min=12.4km az=45.0

ISC 26 09:44:18.4, 0.3, 5.63N, 0.05, 93.16E, 0.0, h36km, h36km, 1.0km; pp-P, n124, 0594/113, mb5.2/60, 5C-1D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, VIS, BOK, QIZ, KMI, KMI, PKI, DMN, GUN, KKN, GKN, KOLN, LSA, LSA, DGAR, GYA, GYA, ENH, THN, WHN, LZH, LZH, GTA, WTA, WMQ, HHC, HHC, KZA, UCH, KBK, AML, TKM2, AAK, AAK, EK52, USP, SONM, WRA, WRAB, ZAL, HIA, HIA, ASAR, BVAR, BRVK, CHKZ, GNI, PMG, KMBQ, ARU, CTA, ASF, STKA, EIL, CSS, BRTR, IDI, AKASG, MLR, KOLS, FINES, KECS, KECS, KECS, YVHS, OKK, MORC, ZST, ZST, KEV, VRAC, ARCES, DPCS, UPIC, PRU, GERES, BRG, KHC, CLL, CLL, CLL, CLL, FX1, ATTU, NKC, HFS, NB2, NOA, DAVOX, EKA, DAG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAG, ESDC, YKA, NVAR, PDAR, TXAR, TXAR, JCT, JCT.

BUJ 26 09:44:18.9, 5.30N-92.90E, h66km, mb5.1, Ms6.3, Msz5.8 NEIC 26 09:44:20.4, 0.2, 5.73N-93.10E, mb5.2/27, Error ellipse: s-maj=7.4km s-min=5.7km az=52.0

IDC 26 09:44:21.4, 4.5, 5.73N-93.16E, h44km, 41km, mb4.7/27, mb1 4.8/28, mb1mx4.8/30, Error ellipse: s-maj=20.0km s-min=12.4km az=45.0

ISC 26 09:44:18.4, 0.3, 5.63N, 0.05, 93.16E, 0.0, h36km, h36km, 1.0km; pp-P, n124, 0594/113, mb5.2/60, 5C-1D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, VIS, BOK, QIZ, KMI, KMI, PKI, DMN, GUN, KKN, GKN, KOLN, LSA, LSA, DGAR, GYA, GYA, ENH, THN, WHN, LZH, LZH, GTA, WTA, WMQ, HHC, HHC, KZA, UCH, KBK, AML, TKM2, AAK, AAK, EK52, USP, SONM, WRA, WRAB, ZAL, HIA, HIA, ASAR, BVAR, BRVK, CHKZ, GNI, PMG, KMBQ, ARU, CTA, ASF, STKA, EIL, CSS, BRTR, IDI, AKASG, MLR, KOLS, FINES, KECS, KECS, KECS, YVHS, OKK, MORC, ZST, ZST, KEV, VRAC, ARCES, DPCS, UPIC, PRU, GERES, BRG, KHC, CLL, CLL, CLL, CLL, FX1, ATTU, NKC, HFS, NB2, NOA, DAVOX, EKA, DAG.











ZAL	comp=Z,36nm,0.9s	MLR	MLR		
HIA	comp=Z,25nm,18.2s				
HIA	Hailar 45.84 24	P	Pmax	10 26 33.7	+0.7
HIA	comp=Z,25nm,0.8s				
HIA	Hailar 45.84 24	eP	P	10 26 32.4	-0.6
NVS	comp=Z,24nm,0.8s,mb5.2				
NVS	Novosibirsk 46.68 352	iP	Pmax	10 26 37.8	-1.8
NVS	comp=Z,173nm,1.4s,mb5.8				
NVS	comp=E,60nm,1.1s		Pmax		
NVS	comp=N,151nm,1.4s		Pmax		
NVS	comp=E,230nm,2.0s		smax		
NVS	comp=N,36nm,1.4s		smax		
NWAO	Narogin (SRO) 47.14 153	P	P	10 26 43.5	0.0
NWAO	comp=N,84nm,0.6s,mb5.7,baz=331,slow=8.2,SNR=17				
NWAO	Narogin (SRO) 47.14 153	P	Pmax	10 26 43.5	0.0
NWAO	comp=Z,84nm,0.9s				
NWAO	Narogin (SRO) 47.14 153	eP	P	10 26 43.2	-0.3
MDJ	Mudanjiang 47.27 35	P	P	10 26 45.0	+0.6
MDJ	comp=Z,57nm,1.9s,mb5.2				
MDJ	Mudanjiang 47.27 35	P	P	10 26 45.4	+1.0
MDJ	comp=Z,580nm,2.5s,mb6.1				
BVAR	Borovoye Array 46.00 341	P	P	10 26 48.4	-1.6
BVAR	comp=Z,9nm,0.8s,mb5.2,baz=142,slow=9.2,SNR=26				
BRVK	Borovoye 48.06 341	P	Pmax	10 26 49.0	-1.5
BRVK	comp=Z,43nm,1.0s,mb5.4				
BRVK	Borovoye 48.06 341	eP	P	10 26 48.8	-1.7
BRVK	comp=Z,44nm,1.0s,mb5.7				
CHKZ	Chkalovo 48.48 342	P	P	10 26 52.8	-0.9
CHKZ	comp=Z,72nm,1.0s,mb5.7				
CHKZ	Chkalovo 48.48 342	eP	P	10 26 52.1	-1.6
CHKZ	comp=Z,72nm,1.0s,mb5.7				
MZLS	Mizel 48.71 294	P	P	10 26 58.4	+2.5
MAJO	Matsushiro 48.84 49	P	Pmax	10 26 58.0	+1.3
MAJO	comp=Z,400nm,2.2s,mb6.1				
MAJO	Matsushiro 48.84 49	eP	P	10 26 55.1	-1.6
MAJO	comp=Z,404nm,2.2s,mb6.1				
MAT	Matsushiro 48.84 49	P	P	10 26 56.9	+0.2
MAT	comp=Z,566nm,2.5s,mb6.2				
MAT	Matsushiro 48.84 49	eP	P	10 26 57.0	+0.3
WRA	Warramunga Arr 49.11 126	P	P	10 26 57.2	-1.8
WRA	comp=Z,8.6nm,0.6s,mb5.0,baz=301,slow=9.8,SNR=13				
WRA	Warramunga Arr 49.11 126	P	Pmax	10 26 57.2	-1.8
WRA	comp=Z,9.0nm,0.6s				
WRAB	Tennant Creek 49.12 126	P	P	10 26 59.0	-0.1
WRAB	comp=Z,35nm,0.9s,mb5.4				
WRAB	Tennant Creek 49.12 126	eP	P	10 26 57.8	-1.2
WRAB	comp=Z,36nm,0.9s,mb5.4				
CBJ	Chichi jima 49.20 62	LR	LR	10 48 26.4	
CBJ	comp=Z,51um,20.7Ms,5.5,baz=82,slow=37				
DJNS	Zahran al Janu 49.54 286	P	P	10 27 08.2	-3.3
DJNS	Aiff 49.54 286	P	P	10 27 13.7	+2.6
ARSS	Ar Rass 50.79 296	P	P	10 27 13.2	+1.5
ASAR	Alice Springs 50.80 130	P	P	10 27 09.4	-2.5
ASAR	comp=Z,6.7nm,0.7s,mb4.7,baz=304,slow=6.9,SNR=9.1				
NAMS	An Nimas 50.90 287	P	P	10 27 18.3	+5.6
NAMS	Kul'dur 51.30 311	iP	Pmax	10 27 16.0	-0.3
KLR	comp=N,90nm,2.4s				
KLR	comp=E,150nm,2.4s				
KLR	comp=Z,170nm,2.4s,mb5.5				
BOD	Bodaibo 51.35 14	eP	P	10 27 13.5	-2.1
HLS	Ha'il 52.33 298	P	P	10 27 24.6	+1.2
GNI	Garni 53.52 314	P	P	10 27 32.2	+0.1
GNI	comp=Z,2.8nm,0.4s,mb4.5,baz=307,slow=7.3,SNR=4.3				
GNI	Garni 53.52 314	eP	Pmax	10 27 34.1	+2.0
GNI	comp=Z,130nm,1.4s				
GNI	Garni 53.52 314	eP	P	10 27 32.2	+0.2
ARU	Arti 54.90 337	eP	P	10 27 41.1	-0.9
ARU	comp=Z,47nm,1.1s,mb5.4				
ARU	Arti 54.90 337	eP	Pmax	10 27 40.9	-1.1
ARU	comp=Z,47nm,1.1s,mb5.4				
YNBS	Yanbu' al Bahr 55.28 293	P	P	10 27 47.3	+2.1
ERZM	Erzurum 55.87 313	iP	P	10 27 49.5	+0.3
UMJS	Umm Lajj 55.95 294	P	P	10 27 52.3	+2.0
PMG	Port Moresby 56.17 108	P	P	10 27 51.6	-0.1
PMG	comp=Z,54nm,0.8s,mb5.6,baz=301,slow=5.0,SNR=24				
PMG	Port Moresby 56.17 108	P	Pmax	10 27 51.6	-0.1
PMG	comp=Z,54nm,0.8s				
PMG	Port Moresby 56.17 108	eP	P	10 27 51.7	0.0
PMG	comp=Z,64nm,0.8s,mb5.7				
YSS	Yuzh-Sakhalins 56.30 38	eP	P	10 27 49.0	-3.2
KIV	Kislovodsk 56.38 318	P	P	10 27 52.7	-0.1
KIV	comp=Z,76nm,1.2s,mb5.2				
KIV	Kislovodsk 56.38 318	eP	Pmax	10 27 51.0	-1.8
KIV	comp=Z,51nm,1.4s,mb5.4				
KIV	comp=N,13nm,0.9s				
KIV	Kislovodsk 56.38 318	P	P	10 27 51.6	-1.2
GOF	Goitsoye 56.58 319	eP	Pmax	10 27 54.0	-0.3
GOF	comp=Z,50nm,1.3s,mb5.4				
TKBS	Tabuk 57.05 298	P	P	10 27 59.0	-1.2
KMBO	Kilima Mbogo 57.14 263	P	P	10 28 00.6	+1.9
KMBO	comp=Z,23nm,1.1s,mb5.1,baz=55,slow=9.6,SNR=26				
KMBO	Kilima Mbogo 57.14 263	P	Pmax	10 28 00.6	+1.9
KMBO	comp=Z,23nm,1.1s				
KMBO	Kilima Mbogo 57.14 263	eP	P	10 28 00.9	+2.2
ELZG	Elazig 57.20 310	iP	P	10 27 57.8	-1.0
MALT	Malatya 57.58 310	eP	Pmax	10 28 00.9	-0.5
MALT	comp=Z,14nm,0.9s,mb5.0				
GZT	Gaziantep 57.99 309	iP	P	10 28 02.7	-1.5
BDAS	Al Bad' 58.12 298	P	P	10 28 07.6	+0.8
JMOS	Jabal al Moall 58.43 299	P	P	10 28 08.5	+1.0
HAQS	Haql 58.57 299	P	P	10 28 09.1	+0.6
EIL	Eilat 58.64 299	P	P	10 28 08.4	-0.5
EIL	comp=Z,8.2nm,0.7s,mb4.9,baz=338,slow=4.5,SNR=6.8				
EIL	Eilat 58.64 299	eP	P	10 28 08.1	-0.8
EIL	comp=Z,24nm,0.9s,mb5.2				
COB	Iskenderun 58.81 307	iP	P	10 28 09.0	-1.0
CTA	Charters Town 59.10 120	P	P	10 28 11.6	-0.7
CTA	comp=Z,16nm,0.9s,mb5.1,baz=295,slow=8.9,SNR=11				
CTA	Charters Town 59.10 120	P	Pmax	10 28 11.6	-0.6
CTA	comp=Z,16nm,0.9s				
YAK	Yakutsk 59.25 19	P	P	10 28 12.3	-0.4
YAK	comp=Z,36nm,0.7s,mb5.5				
YAK	Yakutsk 59.25 19	eP	P	10 28 12.1	-0.6
YAK	comp=Z,36nm,0.7s,mb5.5				
AVNT	Avonon 60.40 310	iP	P	10 28 19.4	-1.6
MEST	Erdemli 60.48 307	iP	P	10 28 19.4	-2.1
CSS	Prodromos 60.83 305	P	P	10 28 25.3	+1.4
CSS	comp=Z,11nm,0.8s,mb5.0				
CTKT	Corum 60.89 312	iP	P	10 28 22.3	-2.0
BOYT	Boyabat 61.01 313	iP	P	10 28 22.8	-2.2
SOYK	Stephens Creek 61.02 134	P	P	10 28 23.6	-1.7
SOYK	comp=Z,9.9nm,0.8s,mb4.9,baz=311,slow=7.2,SNR=7.9				
STKA	Stephens Creek 61.02 134	eP	P	10 28 23.9	-1.3
BRTR	Keskin Array B 61.54 310	P	P	10 28 26.3	-2.4
BRTR	comp=Z,13nm,0.8s,mb5.1,baz=123,slow=6.4,SNR=16				
BRTR	Keskin Array B 61.54 310	P	Pmax	10 28 26.3	-2.4
BRTR	comp=Z,13nm,0.8s				
CANT	Cankiri 61.75 311	P	P	10 28 28.8	-1.3
ELDT	Eldivan 61.87 311	iP	P	10 28 29.3	-1.6
BLAD	Dayay 62.14 312	iP	P	10 28 31.2	-1.5
SAFT	Safranbolu 62.58 312	iP	P	10 28 34.2	-1.5
SGKT	Sivrigoyunuk 62.91 311	iP	P	10 28 35.8	-2.0
MBAR	Mbarara 63.45 265	P	P	10 28 42.9	+1.2
MBAR	comp=Z,59nm,1.4s,mb5.5				

MBAR	Mbarara 63.45 265	eP	P	10 28 42.1	+0.4
MBAR	comp=Z,59nm,1.4s,mb5.5				
ISP	Isparta 63.57 308	P	Pmax	10 28 44.0	+1.8
ISP	comp=Z,20nm,0.9s,mb5.2				
ISP	Isparta 63.57 308	eP	P	10 28 42.5	+0.3
ISP	comp=Z,20nm,0.9s,mb5.2				
ESKT	Eskisehir 63.60 310	iP	P	10 28 40.4	-2.1
HENT	Hentzen 63.82 311	iP	P	10 28 40.5	-3.3
MOS	Moscow 64.03 329	eP	Pmax	10 28 43.1	-2.3
MOS	comp=Z,85nm,0.8s,mb5.8				
OBN	Obninsk 64.40 328	eP	Pmax	10 28 47.2	-0.1
OBN	comp=Z,84nm,1.5s,mb5.5				
OBN	Obninsk 64.40 328	eP	P	10 28 47.5	+0.1
OBN	comp=Z,152nm,1.5s,mb5.8				
ULDT	Uludağ 65.01 310	iP	P	10 28 49.6	-2.0
MA2	Magadan 66.14 28	eP	P	10 29 00.4	+2.0
MA2	Magadan 66.14 28	eP	P	10 28 57.6	-0.8
MA2	comp=Z,252nm,1.9s,mb5.9				
KDAG	Bornova 66.18 308	iP	P	10 28 59.4	+0.3
KDAG	Caracul 66.67 315	iP	P	10 29 01.8	-0.3
KDAG	Caracul 66.67 315	iP	P	10 29 01.8	-0.3
AKASG	Malin Array Be 67.20 321	P	P	10 29 02.8	-2.6
AKASG	comp=Z,3.7nm,0.5s,mb4.7,baz=88,slow=5.0,SNR=14				
AKASG	Malin Array Be 67.20 321	P	Pmax	10 29 02.8	-2.5
AKASG	comp=Z,4.0nm,0.5s				
IDI	Anoyia 67.73 304	P	P	10 29 07.4	-1.6
IDI	comp=Z,17nm,0.9s,mb5.1,baz=103,slow=11.1,SNR=4.2				
VRI	Vrincioiaia 67.77 316	iP	P	10 29 08.2	-0.8
VRI	Vrincioiaia 67.77 316	iP	P	10 29 11.1	-0.9
MLR	Muntele Rosu 68.25 315	P	P	10 29 11.1	-0.9
MLR	comp=Z,22nm,0.8s,mb5.2,baz=206,slow=2.3,SNR=11				
MLR	Muntele Rosu 68.25 315	P	Pmax	10 29 11.1	-0.9
MLR	comp=Z,22nm,0.9s				
SEY	Seymchan 68.26 25	eP	P	10 29 11.4	-0.4
RZN	Rozen 68.56 311	eP	P	10 29 13.0	-1.0
MNK	Minsk 68.98 325	eP	P	10 29 15.0	-1.4
LSZ	Lusaka 69.21 25	eP	Pmax	10 29 20.0	+1.6
LSZ	comp=Z,59nm,1.3s,mb5.4				
LSZ	Lusaka 69.21 250	eP	P	10 29 19.7	+1.2
LSZ	comp=Z,59nm,1.3s,mb5.4				
MMB	Musomiste 69.28 311	eP	P	10 29 18.0	-0.5
WTS	Witwatersrand 69.78 312	eP	P	10 29 21.9	-2.5
KKB	Krupnik 69.79 311	eP	P	10 29 20.0	-1.6
APA	Apatity 70.86 339	iP	Pmax	10 29 28.0	-0.4
APA	comp=Z,36nm,1.0s,mb5.3				
KWP	Kalwaria 71.08 319	eP	Pmax	10 29 28.5	-0.8
KWP	comp=Z,49nm,1.0s,mb5.4				
KWP	Kalwaria 71.08 319	eP	P	10 29 28.4	-0.9
KWP	comp=Z,49nm,1.0s,mb5.4				
KOLS	Kolonickie sedl 71.26 319	eP	P	10 29 30.7	+0.3
SOLS	Sulawiki 71.54 324	eP	P	10 29 36.3	-3.5
SUV	Suwai 71.54 324	eP	Pmax	10 29 31.0	-1.2
SUV	comp=Z,88nm,1.0s,mb5.6				
SUV	Suwai 71.54 324	eP	P	10 29 30.7	-1.2
SUV	comp=Z,88nm,1.0s,mb5.6				
FINES	FINES Array B 71.72 332	P	P	10 29 31.2	-1.7
FINES	comp=Z,7.7nm,0.7s,mb4.8,baz=98,slow=6.9,SNR=15				
FINES	FINES Array B 71.72 332	P	Pmax	10 29 31.2	-1.7
FINES	comp=Z,8.0nm,0.7s				
CRVS	Cervenica-Dubn 71.79 319	eP	P	10 29 36.4	+2.9
CRVS	comp=Z,7.7nm,0.7s,mb4.8,baz=98,slow=6.9,SNR=15				
KAF	Kangasniemi 71.80 333	eP	P	10 29 42.2	-0.7
KAF	comp=Z,2.1nm,0.5s,mb4.9,baz=194,slow=5.7				
KAF	Kangasniemi 71.80 333	eP	Pmax	10 29 32.3	-1.1
KAF	comp=Z,7.0nm,0.5s,mb4.8				
KECS	Kecevo 72.38 318	eP	P	10 29 41.0	+4.0
KECS	comp=Z,49nm,1.0s,mb5.4				
PSZ	Piszkesteto 72.70 317	eP	Pmax	10 29 38.9	-0.1
PSZ	comp=Z,53nm,1.4s,mb5.3				
PSZ	Piszkesteto 72.70 317	eP	P	10 29 43.8	-4.6
PSZ	comp=Z,53nm,1.4s,mb5.3				
PKSM	Moragy 73.40 316	eP	P	10 29 41.3	-1.8

26d 10h

LPAZ La Paz 160.82 245 ePKPdf PKPdf 10 38 14.9 +0.1
ROSC El Rosal 161.97 318 PKP PKPdf 10 38 14.4 -1.6

SYO 26 10:19:28.9, 13.47N-92.78E, h6km, MB6.3
BUI 26 10:19:29.9, 13.24N-92.74E, h40km, mB6.4, mb6.1, Ms6.4, Ms26.2

NEIC 26 10:19:31.7, 0.1, 13.46N-92.74E, mb6.1/117 MS6.0/23
Error ellipse: s-maj=4.9km s-min=2.9km az=200.0

HRVD 26 10:19:31.7, 0.5, 13.59N-92.63E, h27km, 1km, MW6.3/59,
Centroid moment Tensor Solution. LP body waves:

s28,c38,Mantle waves: s59,c95; Hal duration: 3:4
Moment tensor: Scale 10^18Nm; Mr-3.12+-2.2;

M0=0.54+-1.3; M1=2.58+-1.4; M2=3.32+-2.2; M3=0.66+-1.0;
M4=0.30+-2.8; Best double couple: Ms3.22x10^18 NP1.0s^1.1,

d41.1, -1.16. NP2.0s^2.15, 0.54, -1.69. Principal axes: T
2.86, P10.7, Azm290.0; N.72, P17.7, Azm22.0; P-3.58,

Plg7.2, Azm178.1; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 26 10:19:32.7, 0.9, 13.76N-92.67E, h33km, mb6.3/62,
MS6.1/14 Error ellipse: s-maj=8.3km s-min=4.7km

az=117.0
DHMR 26 10:19:32.4, 3.0, 13.48N-92.70E, h10km, mb5.9
IDC 26 10:19:33.5, 2.9, 13.47N-92.80E, h38km, 24km, mb5.7/34,

mb1 5.7/35, mb1mx5.7/36, ML5.4/1, MS5.7/1, Ms1 5.7/1,
ms1mx4.3/16, Error ellipse: s-maj=14.5km s-min=8.7km

az=40.0
ISC 26 10:19:29.8, 0.1, 13.44N, 0.03, 92.74E, 0.02, h27km,

h27km, 5km; p-P, n77.7, 1300/675, mb6.0/191, MS6.1/46,
45C-90D, Andaman Islands region

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

2004 DEC

Table with columns: QZHZ, LR, LR, comp, Time, Res, h, m, s, ISC. Lists seismic events with their coordinates and magnitudes.

720

Table with columns: CN2, eS, S, 10 33 27.0 +1.0. Lists seismic events with their coordinates and magnitudes.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, and various YU and ASAR stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CSS Prodhromos, MAMC Mammari, KAMAT Kaman, and various YU and ASAR stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LPK Lapseki, EDRE Edirne, JMB Yambol, and various YU and ASAR stations.

Table with columns: BILL, Description, Time, Frequency, Mode, and other parameters. Includes entries like Bilbino, Gornji Cirknj, Arzberg, etc.

Table with columns: UBR, Description, Time, Frequency, Mode, and other parameters. Includes entries like Uerruh, MAIM, DOMB, etc.

Table with columns: LHO, Description, Time, Frequency, Mode, and other parameters. Includes entries like Holmfirth, Weaver Farm, MWS, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Omaha, Palmer West, Tuapeka, Louisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like French Village, Forest Hill, Princeton, Prospectdale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pallekele, Chiang Mai Arr, West Island, Shillong, etc.

10C 26:10:27:21.1, 1.9, 0.00E: -s-maj=56.9km

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

10C 26:10:27:21.1, 1.2, 8.35N: 93.72E, mb4.4/11, mb1 4.6/12

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

10C 26:10:29:41.8, 0.5, 5.27N: 93.55E, mb4.8/22, mb1 4.9/23

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MA2, MA3, MA4, etc.

10C 26:10:29:41.8, 0.5, 5.27N: 93.55E, mb4.8/22, mb1 4.9/23

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MA2, MA3, MA4, etc.

26d 10h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like Sonseca Array, Yellowknife Arr, YKA, BMO, NVAR, etc.

IDC 26 10:31:01.4e.1.1.5.51N.92.95E, mb4.4/9, mb1 4.5/9, mb1mx5.3/19, Error ellipse: s-maj=56.2km s-min=18.3km az=44.0

ISC 26 10:31:04.5-1.0.5.5N.0.3-93.0E-0.3, h33km, n11, o#71/10, mb4.4/9, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like Songino Array, WRA, ASAR, etc.

ISC 26 10:32:12.5-0.7.41.51N.0.04-20.27E.0.04, h10km, n6, o#11/10, Albania

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like QSH, TIR, PRZA, etc.

CSEM 26 10:32:58.1.8.51N.93.76E, h33km, mb5.6, IDC 26 10:32:59.3.0.3.8.72N.92.63E, mb5.1/30, mb1 5.1/31, m-min=10.0km az=49.0

MOS 26 10:33:02.9-0.9.8.81N.92.71E, h33km, mb5.3/29, Error ellipse: s-maj=13.8km s-min=7.2km az=120.5

BUI 26 10:33:03.5.8.45N.92.57E, h60km, mb6.0, mb5.3, Ms5.9, Msz5.4

NEIC 26 10:33:05.2-1.2.8.70N.92.62E, h40km, mb5.4/61, Error ellipse: s-maj=6.4km s-min=4.7km az=50.0

ISC 26 10:33:02.3-0.2.8.67N.0.04-92.84E.0.04, h30km, h32km, 6km, n241, +195/221, mb5.3/91, MS5.6/3, 7C-7D, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like CM31, CMAR, SHL, etc.

2004 DEC

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like NJ2, TIA, HHC, UCH, etc.

724

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like ELDT, BAL, STKA, etc.















Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH, COCO, LZH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLR, FINES, CRVS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC, CMAR, WRA, etc.



26d 11h

Table with columns: MAT, Matushiro, 46.52, 52, eP, P, 11 13 27.0 -1.0, etc. Lists various radio stations and their frequencies.

2004 DEC

Table with columns: MYA, Malataya, 53.95, 308, eP, P, 11 14 25.6 +0.9, etc. Lists various radio stations and their frequencies.

732

Table with columns: MOS, Matushiro, 46.52, 52, eS, S, 11 23 11.8 -1.4, etc. Lists various radio stations and their frequencies.







Table with columns for station name, frequency, power, and other technical details. Includes stations like DLBC Dease Lake, YKA Yellowknife Ar, YKA Yellowknife Br, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LRV Little Rabbit, NOQ North Oquirrh, MIW Mineville/With, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TXAR 2.10nm,1.0s, BAO Brasilia Arr, etc.

JMA 26 11:05:40.3:0.1, 36.99N:141.15E, h72km, M3.8
Broadband fault plane solution: P waves. N1P1: 73°, 875°, 7-9°. NP2: 166°, 681°, 7-165°. Principal axes: T PkP3+, A2m299-, N PkG73-, Azm196-, P PkG17-, Azm30-;
JMA 26 11:05:39.6:1.4, 36.99N:0.06:141.2E:0.1, h70km, 9km, n9,
e-mj=25.58km az=49.0
ISC 26 11:13:52.6:1.0, 5.7N:0.2, E333km, n16,
e081/14, mb4.3/0, off west coast of northern Sumatara

26d 11h

Table with columns: KAD, AJM, SONM, ZAL, BRTR, FINES, KEV, ARCES, GERES, CLL, PDAR, TXAR. Includes station names, coordinates, and various codes.

WEL 26 11:14:05.6.0.1, 35.755x179.35E, h33km, ML3.6/1, Error ellipse: s-maj=3.6km s-min=1.7km az=90.0, Off west coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like MXZ, PUL, PUZ, MWZ, MQZ.

IDC 26 11:14:31.2-8.0, 8.68N-93.67E, mb4.3/7, mb1 4.4/7, s-min=71.6km, Error ellipse: s-maj=194.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like ZAL, BVAR, BRTR, FINES, ARCES, GERES, NB2, NOA.

IDC 26 11:17:04.1-0.6, 3.30N-93.74E, mb4.7/20, mb1 4.7/20, mb1mx4.7/24, Error ellipse: s-maj=25.5km s-min=13.8km az=39.0

NEIC 26 11:17:09.6.0.3, 3.25N-93.75E, h30km, mb5.2/20, Error ellipse: s-maj=9.9km s-min=7.9km az=210.0

BUI 26 11:17:09.6.0.3, 3.25N-93.75E, h30km, mb5.2

ISC 26 11:17:03.0.4, 3.31N-93.80E, h33km, mb5.2, h33km, mb5.2, n77, 0.90/60, mb4.9/39, 1C-1D, Off west coast of northern Sumatra

Large table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including QIZ, LSA, WHN, WMQ, BJT, SONM, WRA, WRA, WRAB, KS15, ASAR, CN2, HIA, ZAL, MAT, BVAR, BRVK, KMB0, STKA, GNI, ARU, MALT, EIL, YAK, BRTR, BSZ, IDI, MA2, AKASG.

2004 DEC

Table with columns: LBTT, MLR, BOSA, KOLS, FINES, FINES, VYHS, OKC, ZST, ARCES, ARCES, ARCES, DPC, UPC, BILL, PRU, PRU, FX1. Includes station names and coordinates.

IDC 26 11:18:4.0-0.6, 15.09N-93.87E, mb4.7/19, mb1 4.8/20, mb1mx4.8/24, ML4.6/1, Error ellipse: s-maj=29.1km s-min=15.4km az=46.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like CMAR, JOW, SONM, ZAL, BVAR, GNI, WRA, ASAR, EIL, BRTR, AKASG, MLR, STKA, CRVS, GERES, CLL, NOA, ESDC, ILAR, ILAR, INK, DBIC, YKA, YKA, PDAR, NVAR, TXAR, SDV, SDV.

IDC 26 11:21:35.2-2.2, 5.40N-93.25E, mb4.1/4, mb1 4.2/4, mb1mx3.8/18, Error ellipse: s-maj=87.9km s-min=31.6km az=57.0, Off west coast of northern Sumatra

IDC 26 11:24:45.5-1.1, 3.28N-94.51E, mb4.4/9, mb1 4.5/10, mb1mx4.2/19, ML4.2/1, Error ellipse: s-maj=46.1km s-min=19.5km az=51.0

ISC 26 11:24:49.0-0.9, 3.4N-101.947E-0.2, h33km, n11, 0.81/10, mb4.3/9, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including CMAR, JOW, SONM, ZAL, BVAR, GNI, WRA, ASAR, EIL, BRTR, AKASG, MLR, STKA, CRVS, GERES, CLL, NOA, ESDC, ILAR, ILAR, INK, DBIC, YKA, YKA, PDAR, NVAR, TXAR, SDV, SDV.

736

Table with columns: ZAL, BVAR, BRTR, FINES, ARCES, GERES, TXAR. Includes station names and coordinates.

DJA 26 11:26:04.9.6.3, 3.29S-98.71E, h2km, mb5.1/6, Error ellipse: s-maj=285.6km s-min=8.4km az=55.0

IDC 26 11:26:39.6.0.8, 3.59S-101.20E, mb4.7/15, mb1 4.8/15, mb1mx4.6/19, Error ellipse: s-maj=35.3km s-min=14.2km az=48.0

BUI 26 11:26:42.3.3.80S-101.57E, h46km, mb5.2

NEIC 26 11:26:44.0.2.3.46S-101.39E, h30km, mb4.9/23, Error ellipse: s-maj=8.4km s-min=5.3km az=74.0

ISC 26 11:26:42.2.4.3.44S-106.101.44E-0.07, h28km, 1.7km, n60, 0.98/55, mb4.8/40, 3C-3D, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including PENI, PUL, COCO, SRDI, KELI, RATI, KEDI, CM31, CMAR, MBWA, ENH, LSA, WRA, WRAB, ASAR, HHC, BJT, CTA, STKA, STKA, WTK, WMQ, SONM, UNL, CN2, MAJ, MAT, MDJ, HIA, TLY, ZAL, ASAJ, YSS, BVAR, BRVK, CHKZ, YAK, ARU, KIV, MALT, MA2, BRTR, LBTT, BOSA, SUR, Vnda, IDI, AKASG, FINES, FINES, ARCES, NOA, YKA, YKA, NVAR, ULM, BAO, BDFB, TXAR.

3.3nm,0.6s,baz=317,slow=6.6,SNR=10  
 BRTR Keskin Array B 60.06 31 P P 11 37 56.8 -1.2  
 1.5nm,0.7s,baz=130,slow=8.5,SNR=5.0  
 ARCES ARCESS Array B 74.17 341 P P 11 39 24.2 -2.3  
 4.0nm,0.3s,baz=191,slow=6.6,SNR=3.6  
 GERES GERESS Array B 75.73 318 P P 11 39 33.8 -2.1  
 1.4nm,0.7s,baz=90,slow=4.9,SNR=6.2

IDC 26 11:34:15.3:0.9,5.28N-94.34E,mb4.3/12,mb1 4.5/13,  
 mb1mx4.4/19,ML5.7/1, Error ellipse: s-maj=47.6km  
 s-min=17.3km az=40.0  
 BUJ 26 11:34:18.3,4.9,41E, Error ellipse: s-maj=6.8km  
 NEIC 26 11:34:20.0,0.5,5.28N-94.37E,h30km,mb4.8/14, Error  
 ellipse: s-maj=12.8km s-min=10.0km az=63.0  
 ISC 26 11:34:18.2:0.5,5.25N:0.07,94.38E:0.08,h30km,n51,  
 o107/48,mb4.7/37,1,C, Northern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
CM31	Chiang Mai Arr	13.86	18	Op	11 37 36.6	+1.4		
CMAR	Chiang Mai Arr	13.86	18	Pn	11 37 39.6	+4.4		
QIZ	Qiongzong	20.37	46	P	11 38 55.8	+0.5		
KMI	Kunming	21.32	21	eP	11 39 07.0	+1.9		
KMI	Kunming	21.32	21	eP	11 39 07.0	+1.9		
PKI	Pulchoki	23.78	340	eP	11 39 30.5	+1.2		
DMN	Daman	23.92	339	eP	11 39 31.8	+1.1		
GUN	Gumba	23.94	341	eP	11 39 31.8	+0.9		
KKN	Kakani	24.03	340	eP	11 39 32.8	+1.0		
GYA	Guyang	24.13	28	iP	11 39 34.0	+1.2		
GYA	Guyang	24.13	28	iP	11 39 34.0	+1.2		
GKX	Gorkha	24.45	339	eP	11 39 36.1	+0.3		
LSA	Lhasa	24.51	353	eP	11 39 37.8	+1.4		
KOLN	Koldanda	24.63	337	eP	11 39 38.3	+0.7		
ENH	Enshi	26.87	28	eP	11 40 12.3	-2.4		
XAN	Xi'an	31.66	23	P	11 40 39.5	-1.8		
XAN	Xi'an	31.66	23	P	11 40 39.5	-1.8		
GTA	Gaotai	34.36	7	eP	11 41 02.5	-2.2		
GTA	Gaotai	34.36	7	eP	11 41 02.5	-2.2		
MWBA	Marble Bar	36.16	137	P	11 41 14.6	-5.6		
HHC	Hu-ho-hao-te	38.65	21	eP	11 41 41.0	+0.1		
HHC	Hu-ho-hao-te	38.65	21	eP	11 41 41.0	+0.1		
WMQJ	Urumqi	38.86	352	P	11 41 43.0	+0.4		
WMQJ	Urumqi	38.86	352	P	11 41 43.0	+0.4		
BJT	Baijiaotau	39.79	26	eP	11 41 50.8	+0.4		
BJT	Baijiaotau	39.79	26	eP	11 41 50.8	+0.4		
SONM	Songino Array	43.66	12	P	11 42 21.3	-0.7		
SONM	Songino Array	43.66	12	P	11 42 21.3	-0.7		
ULN	Ulanbator	43.82	12	P	11 42 22.3	-1.0		
ULN	Ulanbator	43.82	12	P	11 42 22.3	-1.0		
WRM	Warramunga Arr	46.59	124	P	11 42 34.6	0.0		
WRM	Warramunga Arr	46.59	124	P	11 42 34.6	0.0		
WRAB	Tennant Creek	46.59	124	P	11 42 45.6	-0.1		
WRAB	Tennant Creek	46.59	124	P	11 42 45.6	-0.1		
CN2	Changchun	47.13	31	eP	11 42 49.0	-0.7		
ASAR	Alice Springs	48.02	128	P	11 42 57.2	-0.3		
ASAR	Alice Springs	48.02	128	P	11 42 57.2	-0.3		
HIA	Haller	48.84	22	eP	11 43 01.2	-1.7		
HIA	Haller	48.84	22	eP	11 43 01.2	-1.7		
ZAL	Zalesovo	49.16	353	P	11 43 04.9	-0.4		
BVAR	Borovoye Array	51.53	342	eP	11 43 22.6	-0.8		
BVAR	Borovoye Array	51.53	342	eP	11 43 22.6	-0.8		
BRVK	Borovoye	51.59	342	eP	11 43 22.7	-1.2		
BRVK	Borovoye	51.59	342	eP	11 43 22.7	-1.2		
CHKZ	Chkalovo	52.02	342	eP	11 43 26.5	-0.7		
CHKZ	Chkalovo	52.02	342	eP	11 43 26.5	-0.7		
CHKZ	Chkalovo	52.02	342	eP	11 43 26.5	-0.7		
STKA	Stevens Creek	58.15	133	P	11 44 15.2	+3.4		
STKA	Stevens Creek	58.15	133	P	11 44 15.2	+3.4		
STKA	Stevens Creek	58.15	133	P	11 44 15.2	+3.4		
STKA	Stevens Creek	58.15	133	P	11 44 15.2	+3.4		
ARU	Arti	58.38	338	eP	11 44 11.6	-1.6		
ARU	Arti	58.38	338	eP	11 44 11.6	-1.6		
ARU	Arti	58.38	338	eP	11 44 11.6	-1.6		
ARU	Arti	58.38	338	eP	11 44 11.6	-1.6		
KLV	Kislovodsk	59.42	319	eP	11 44 19.5	-1.1		
KLV	Kislovodsk	59.42	319	eP	11 44 19.5	-1.1		
MALT	Malatya	60.35	311	eP	11 44 27.1	+0.2		
MALT	Malatya	60.35	311	eP	11 44 27.1	+0.2		
EIL	Elat	60.95	301	P	11 44 26.7	-4.4		
EIL	Elat	60.95	301	P	11 44 26.7	-4.4		
YAK	Yakutsk	62.40	18	P	11 44 42.1	+1.7		
YAK	Yakutsk	62.40	18	P	11 44 42.1	+1.7		
BRTR	Keskin Array B	64.32	312	P	11 44 52.8	-0.7		
BRTR	Keskin Array B	64.32	312	P	11 44 52.8	-0.7		
AKASG	Malin Array B	70.35	322	P	11 45 29.7	-1.5		
AKASG	Malin Array B	70.35	322	P	11 45 29.7	-1.5		
FINES	FINES Array B	75.13	332	P	11 45 58.7	-0.5		
FINES	FINES Array B	75.13	332	P	11 45 58.7	-0.5		
MAW	Mawson	76.03	192	P	11 46 05.9	+1.7		
MAW	Mawson	76.03	192	P	11 46 05.9	+1.7		
ARCES	ARCESS Array B	79.93	319	P	11 46 14.2	+0.3		
ARCES	ARCESS Array B	79.93	319	P	11 46 14.2	+0.3		
BILL	Bilibino	78.42	21	P	11 46 19.9	+0.5		
PRU	Prunichino	79.46	320	eP	11 46 23.9	+0.5		
GERES	GERESS Array B	79.93	319	P	11 46 26.7	+0.7		
GERES	GERESS Array B	79.93	319	P	11 46 26.7	+0.7		
NKC	Kasperske Hory	80.03	319	eP	11 46 26.5	0.0		
NKC	Kasperske Hory	80.03	319	eP	11 46 26.5	0.0		
NOA	NORSAR Subarra	82.12	331	P	11 46 37.4	+0.2		
NOA	NORSAR Subarra	82.12	331	P	11 46 37.4	+0.2		
PDAR	Pinedale Array	127.50	22	PKHP	11 53 15.6			
PDAR	Pinedale Array	127.50	22	PKHP	11 53 15.6			
PDAR	Pinedale Array	141.49	22	PKHP	11 53 42.3	-3.4		
PDAR	Pinedale Array	141.49	22	PKHP	11 53 42.3	-3.4		
TXAR	Lajitas Array	141.49	22	PKHP	11 53 47.3	-5.1		
TXAR	Lajitas Array	141.49	22	PKHP	11 53 47.3	-5.1		

IDC 26 11:37:56.3:0.8,7.60N-92.95E,mb4.4/14,mb1 4.6/15,  
 mb1mx4.5/20,ML3.8/1, Error ellipse: s-maj=40.0km  
 s-min=15.4km az=49.0  
 ISC 26 11:37:59.3:0.7,7.4N:0.1-92.9E:0.1,h33km,n31,  
 o96/28,mb4.6/21, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
CMAR	Chiang Mai Arr	12.49	28	Pn	11 40 57.4	-0.3		
PKI	Pulchoki	21.30	341	eP	11 42 45.4	0.0		
DMN	Daman	21.43	341	eP	11 42 47.5	+0.8		
GUN	Gumba	21.43	343	eP	11 42 47.0	-0.1		
KKN	Kakani	21.54	341	eP	11 42 48.7	+0.9		
GKN	Gorkha	21.95	340	eP	11 42 52.1	+0.2		
KOLN	Koldanda	22.11	338	eP	11 42 53.6	+0.1		
UCH	Uchter	38.32	338	eP	11 45 19.8	+1.1		
KBK	Karagaybulak	38.54	339	P	11 45 21.7	+1.3		
AML	Almayashu	38.55	337	P	11 45 22.0	+1.4		
EKS2	Erkin-Say	38.98	337	P	11 45 25.4	+1.3		
USP	Ospenovka	39.23	339	P	11 45 26.7	+0.4		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
SNGM	Songino Array	41.93	14	P	11 45 45.5	-3.0		
ZAL	Zalesovo	46.99	353	P	11 46 27.4	-0.8		
WRA	Warramunga Arr	49.00	124	P	11 46 45.5	+0.4		
BVAR	Borovoye Array	49.07	342	P	11 46 44.3	-1.0		
ASAR	Alice Springs	50.56	129	P	11 46 57.0	-0.1		
CTA	Charters Tower	51.19	119	P	11 48 03.3	+3.6		
STKA	Stevens Creek	58.15	133	P	11 48 10.4	+0.5		
BRTR	Keskin Array B	61.81	311	P	11 48 15.9	-1.5		
AKASG	Malin Array B	67.77	322	P	11 48 53.7	-2.1		
IDI	Anoyia	67.83	305	P	11 48 56.7	+0.3		
FINES	FINES Array B	72.57	332	P	11 49 23.9	-0.8		
ARCES	ARCESS Array B	75.31	340	P	11 49 40.5	-0.2		
GERES	GERESS Array B	77.37	318	P	11 49 52.9	+0.2		
NB2	NORSAR Subarra	79.55	331	P	11 50 03.1	-1.3		
NOA	NORSAR Array B	79.55	331	P	11 50 03.6	-0.8		
ILAR	Eileison Array	80.67	133	P	11 51 22.2	-0.3		
NVAR	Mina Array Bea	125.98	30	PKP	11 57 02.4	+3.8		
PDAR	Pinedale Array	126.07	20	PKP	11 57 01.1	+2.4		
TXAR	Lajitas Array	140.18	23	PKHP	11 57 22.9			
TXAR	Lajitas Array	140.18	23	PKHP	11 57 22.9			

IDC 26 11:38:08.1:6.0,4.38N-95.11E,mb4.1/3,mb1 4.3/4,  
 mb1mx3.9/18,ML5.0/1, Error ellipse: s-maj=171.0km  
 s-min=45.3km az=79.0, Northern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
CMAR	Chiang Mai Arr	14.49	15	Op	11 41 34.9	-1.8		
WRA	Warramunga Arr	45.50	123	P	11 46 29.1	-2.3		
ASAR	Alice Springs	46.97	129	P	11 46 41.5	-1.5		
STKA	Stevens Creek	57.02	133	P	11 47 56.1	-2.2		
TXAR	Lajitas Array	141.94	27	PKP	11 57 41.5	-3.1		

IDC 26 11:39:32.4:2.7,3.29S-101.51E,mb4.0/4,mb1 4.2/4,  
 mb1mx3.8/16, Error ellipse: s-maj=122.0km  
 s-min=23.2km az=54.0, Southern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	Time Res
------	--------------	----	-----	----------	----------

BUJ 26 11:50:26.9, 6.07N:93.13E, h91km, mb5.9, mb5.0
NEIC 26 11:50:28.1, 0.2, 6.39N, 93.25E, mb5.2/41, Error ellipse:
s-maj=6.0km s-min=4.8km az=219.0

ISC 26 11:50:26.1, 0.3, 6.32N, 0.04, 93.27E, 0.04, h62km,
h62km, 9km; p-P, n241, 1, 102/230, mb5.1/91, 16C-8D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Nongplak, Pallekele, Chiang Mai Arr, etc.

Table with columns: SONM, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Songino Array, Ulanbator, Shenyang, etc.

Table with columns: SGKT, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sivrigoynuk, Isparta, Eskisehir, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like Dimbokro, Inuvik, Lac du Bonnet, etc.

IDC 26 11:53:36.1-0.7, 8.87N-92.37E, h26km, 3km, mb4.2/17, mb1 4.3/18, mb1mx4.3/22, ML4.3/1, Error ellipse: s-maj=24.2km s-min=14.5km az=47.0

Main table for 739 containing station data and event details for various stations like CMAR, SONM, ZAL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like NVAR, PDAR, TXAR, LVC, LPAZ, etc.

IDC 26 11:56:51.6-0.8, 9.25N-93.80E, mb4.1/13, mb1 4.3/13, mb1mx4.2/18, Error ellipse: s-maj=36.9km s-min=18.8km az=47.0

Main table for 2004 DEC containing station data and event details for various stations like SONM, ZAL, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR, SONM, WRA, etc.

IDC 26 12:05:53.1-1.1, 4.59N-93.25E, mb4.1/10, mb1 4.2/11, mb1mx4.1/20, ML4.3/1, Error ellipse: s-maj=45.0km s-min=22.1km az=48.0

Main table for 26 Dec 12h containing station data and event details for various stations like CMAR, SONM, WRA, etc.



















26d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, ARKU Kilima Mbogo, KMBU Artu, STKA Stephens Creek, etc.

IDC 26 12:46:09.4, 7.4, 13.06N, 92.82E, mb3.9/6, mb1 4.0/7, mb1mx3.9/18, ML4.0/1, Error ellipse: s-maj=168.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONMG Songoing Array, etc.

NEIC 26 12:50:04.8, 31.68S, 71.74W, h29km, ML3.1(GUC), After GUC

GUC 26 12:50:04.8, 0.8, 31.68S, 71.74W, h29km, 3km, MD3.7, ML3.1, 5C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILCH Illapel, CMCH Combarbala, PACH Papudo, etc.

IDC 26 12:51:48.4, 0.8, 6.99N, 92.50E, mb4.3/17, mb1 4.5/18, mb1mx4.4/23, ML5.0/1, Error ellipse: s-maj=28.4km

NEIC 26 12:51:52.6, 0.5, 6.97N, 92.61E, h30km, mb4.7/18, Error ellipse: s-maj=11.6km s-min=9.6km az=153.0

BUI 26 12:51:52.6, 7.00N, 92.60E, h30km, mb5.4, Ms4.9, Ms2.4.5

ISC 26 12:51:48.4, 0.5, 6.52N, 0.06E, 92.97E, 0.07, h30km, n76, e130.62, mb4.6/40, MS4.6/1, C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, IMP Imphang, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, KKN Kakani, GKN Gokarna, KOLN Koldanda, LSA Lhasa, etc.

IDC 26 12:52:41.1, 0.7, 10.61N, 93.99E, mb4.3/15, mb1 4.4/15, mb1mx4.3/21, MS4.6/4, Ms1 4.6/4, ms1mx3.9/28, Error ellipse: s-maj=45.9km s-min=16.7km az=45.0

NEIC 26 12:52:45.8, 0.3, 10.43N, 93.91E, h30km, mb5.1/19, Error ellipse: s-maj=10.1km s-min=8.3km az=55.0

BUI 26 12:52:49.7, 10.10N, 93.90E, h30km, mb4.9

ISC 26 12:52:43.9, 0.4, 10.37N, 0.07E, 93.85E, 0.07, h30km, n52, e134.42, mb4.8/35, MS4.8/3, D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NST Nakhon Sawan, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

746

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BJT Baijiatuu, ULN Ulanbatar, MWLA Marlan Bar, CN2 Changchun, etc.

IDC 26 12:55:28.8, 8.1, 2.31N, 94.91E, mb4.0/7, mb1 4.3/8, mb1mx4.4/19, Error ellipse: s-maj=196.0km

s-min=45.8km az=141.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, ZAL Zalesovo, etc.

IDC 26 12:55:38.5, 1.0, 2.49N, 94.03E, mb4.0/11, mb4.0/11, mb1mx4.4/19, ML4.5/1, Error ellipse: s-maj=44.5km

s-min=19.8km az=48.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, SONMG Songoing Array, etc.

IDC 26 12:55:55.4, 9.7, 8.40N, 94.80E, mb4.3/4, mb1 4.4/4, mb1mx3.9/18, Error ellipse: s-maj=205.0km

s-min=91.9km az=152.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONMG Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, etc.



4.0nm, 1.0s, baz=104, slow=7.4, SNR=2.5

IDC 26 12:56:17.0-1.2, 6.08N-93.43E, mb4/4/8, mb1 4.5/8, mb1mx3.8/1.9, Error ellipse: s-maj=100.0km s-min=19.7km az=43.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ASAR Alice Springs, PMG Port Moresby, STKA Stephens Creek, AKASG Malin Array Be, FINES FINES Array B, ARCES ARCES Array B, GERES GERES Array B, EKA Eskdalemuir Arr, ESDC Sonseca Array, PDAR Pinedale Array.

MEX 26 12:56:33.0-1.5, 16.61N-99.32W, h15km, 772km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ACX Acapulco, ACX El Cayaco, PLIG Platanillo.

IDC 26 12:59:48.2-0.8, 5.41N-93.36E, mb4.3/13, mb1 4.5/14, mb1mx4.4/21, ML4.3/1, Error ellipse: s-maj=40.4km s-min=15.5km az=51.0

ISC 26 12:59:51.5-0.7, 5.4N-0.1-93.5E-0.2, h33km, n18, 0574/14, mb4.4/13, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CMAR Chiang Mai Arr, SONMI Songoing Array, WRA Warramunga Arr, ZAL Zalesovo, ASAR Alice Springs, BVAR Borovoye Array, STKA Stephens Creek, AKASG Malin Array Be, MLR Muntele Rosu, FINES FINES Array B, ARCES ARCES Array B, GERES GERES Array B, DAVOX Davos, EKA Eskdalemuir Arr, NVAR Mina Array Bea, PDAR Pinedale Array, ANMO Albuquerque, TXAR Lajitas Array.

IDC 26 13:01:27.5-2.5, 5.64N-93.21E, mb4.1/4, mb1 4.3/5, mb1mx3.9/19, Error ellipse: s-maj=85.4km s-min=25.9km az=64.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CMAR Chiang Mai Arr, SONMI Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, BVAR Borovoye Array.

IDC 26 13:06:02.2-1.2, 4.68N-93.65E, mb4.0/6, mb1 4.3/6, mb1mx3.9/18, Error ellipse: s-maj=79.9km s-min=20.8km az=44.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ZAL Zalesovo, BRTR Keskin Array B, MLR Muntele Rosu, GERES GERES Array B.

IDC 26 13:07:33.3-1.2, 8.91N-93.76E, mb3.8/10, mb1 4.0/11, mb1mx3.9/19, ML3.5/1, Error ellipse: s-maj=49.6km s-min=25.7km az=51.0

ISC 26 13:07:36.3-1.0, 8.8N-0.2-93.7E-0.2, h33km, n11, 0591/11, mb3.8/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CMAR Chiang Mai Arr, SONMI Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, ASAR Alice Springs, FINES FINES Array B, ARCES ARCES Array B, GERES GERES Array B, NOA NORSTAR Array B.

IDC 26 13:09:25.2-2.3, 8.43N-93.18E, mb3.9/4, mb1 4.1/4, mb1mx3.8/1.7, Error ellipse: s-maj=95.3km s-min=25.9km az=62.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include SONMI Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, TXAR Lajitas Array.

IDC 26 13:10:37.4-0.5, 7.59N-94.19E, mb4.5/21, mb1 4.6/22, mb1mx4.5/25, ML3.4/1, Error ellipse: s-maj=23.4km s-min=12.8km az=44.0

NEIC 26 13:10:42.5-0.3, 7.59N-94.24E, h30km, mb4.8/29, Error ellipse: s-maj=7.9km s-min=7.0km az=89.0

BUI 26 13:10:42.2-7.45N-93.78E, h45km, mb5.0, mb4.6, Ms4.9, Ms24.6

ISC 26 13:10:40.4-3.4, 7.54N-0.05-94.21E-0.06, h29km, 23km, n95, 0117/86, mb4.7/62, MS5.0/1, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunning, PKI Pulchoki, GUN Gumba, DMN Daman, KAD Karad, KKN Kakani, LSA Lhasa, GYA Guiyang, GKN Gorkha, KOL Koldanda, CD2 Chengdu, DGAR Diego Garcia, ENH Enshi, XAN Xi'an, LZH Lanzhou, GTA Gaotai, WMQ Urumqi, HHC Hu-ho-hao-te, HHC Hengde, HHC Hengde, JOW Kunigami, BJT Baijiahu, BJI Beijing, MBWA Marble Bar, AAK Ala-Archa, SONMI Songoing Array, ULN Ulaanbaatar, KS15 Wonju Array S1, NWAO Narogin (SRO), NWAO Narogin (SRO), HIA Hialar, ZAL Zalesovo, WRA Warramunga Arr, WRTR Tennant Creek, BVAR Borovoye Array, MAJO Matsushiro, BRVK Borovoye, ASAR Alice Springs, CHKZ Chkalovo, GNI Gani, PMG Port Moresby, ARU Arti, KMBO Kilima Mbojo, KIV Kislovodsk, MALT Malatya, STKA Stephens Creek, YAK Yakutsk, BRTR Keskin Array B, MBRAR Mbarara, OBN Obninsk, AKASG Malin Array Be, IDI Anoyit, LSZ Lusaka, KOLS Kolonicke sedl, CRVS Cervencia-Dubn, FINES FINES Array B.

KAF Kangasniemi, 73.12 333 ep, P 13 22 09.3 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include LBTB Lobatse, VYHS Vyhne, OKC Ostrava-Krasne, BOSOF Bosof, ARCES ARCES Array B, ZST Bratislava, BILIBINO Bilibino, DPC Dobruska-Polom, PVCC Panska Ves, BRG Bergjesshubel, GERES GERES Array B, KHC Kasperke Hu, MAW Mawson, CLL Collin, NBL NORSTAR Subarra, NOA NORSTAR Array B, NOA NORSTAR, LPGA La Plagne, EKA Eskdalemuir Arr, ESDC Sonseca Array, IMMA Indian Mountain, ILAR Eielson Array, INK Inuvik, YKA Yellowknife Arr, YKA Yellowknife Arr, ULM Lac du Bonnet, NVAR Mina Array Bea, PDAR Pinedale Array, ANMO Albuquerque, ANMO Albuquerque, TXAR Lajitas Array, JCT Junction City, BDFB Brasilia.

IDC 26 13:11:17.3-0.8, 8.07N-92.24E, mb4.3/13, mb1 4.5/14, mb1mx4.4/21, ML4.5/1, Error ellipse: s-maj=30.9km

ISC 26 13:11:20.3-0.7, 8.1N-0.1-92.3E-0.1, h33km, n20, 0594/17, mb4.2/15, Nicobar Islands region

IDC 26 13:22:02.0-0.6, 6.25N-95.47E, mb4.5/14, mb1 4.6/15, mb1mx4.5/20, ML4.9/1, MS4.5/2, Ms1 4.6/2, ms1mx3.5/29, Error ellipse: s-maj=33.3km s-min=14.0km az=50.0

BUI 26 13:23:1.3-2.1, 5.56N-94.51E, h30km, mb5.5, mb4.9, Ms5.2, Ms24.8

NEIC 26 13:13:27.1-0.4, 6.14N-95.43E, h30km, mb4.9/15, Error ellipse: s-maj=12.8km s-min=9.9km az=78.0

ISC 26 13:25:07.0-4.0, 6.17N-95.07-95.37E-0.08, h30km, n49, 1840/47, mb4.7/33, MS4.8/3, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, QIZ Qiongzong, KMI Kunning, KMI Kunning, KMI Kunning, KMI Kunning, KMI Kunning, CD2 Chengdu, ENH Enshi, XAN Xi'an, XAN Xi'an, LZH Lanzhou, LZH Lanzhou, GTA Gaotai, GTA Gaotai, NJ2 Nanyang, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dobruska-Polom, Ksiaz, Bilibino, Ulice, Arzberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songino Array, Warrunganga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, GYA Guiyang, LZH Lanzhou, etc.





26d 13h

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

13 46:11.1, 1.1, 0.1, 13.71N:92.93E, mb4.3/9, mb1 4.4/9, mb1mx4.2/18, Error ellipse: s-maj=80.0km s-min=17.7km az=54.0

13 46:14.2, 0.8, 13.6N:0.3, 92.9E, h33km, n10, mb1mx4.2/18, mb4.3/9, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like NWA0 Narrogin (SRO), WRA Warrungarra Arr, ASAR Alice Springs, etc.

13 49:28.9, 0.9, 6.23N:92.92E, mb4.1/10, mb1 4.2/11, mb1mx4.0/19, Error ellipse: s-maj=44.5km s-min=17.3km az=53.0

13 49:32.0, 0.8, 6.3N:0.1, 93.1E:0.2, h33km, n14, 0.8/11, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

13 51:08.3, 0.6, 8.65N:92.15E, h25kmx2km, mb4.2/18, mb1 4.3/19, mb1mx4.2/24, ML4.5/1, Error ellipse: s-maj=22.9km s-min=10.4km az=50.0

13 51:06.1, 0.6, 8.42N:0.10, 92.1E:0.1, h27km, h27kmx1.8km, p-P, n486, 0.19/25/28, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, IMP Imphal, PUK Puitchoki, etc.

2004 DEC

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

13 56:35.5, 0.4, 2.77N:94.42E, mb5.1/31, mb1 5.2/31, mb1mx5.2/32, ML4.8/1, MSS.5/18, Ms1 5.5/18, ms1mx5.4/25, Error ellipse: s-maj=15.8km s-min=9.9km az=45.0

MOS 26 13:56:38.9, 1.0, 0.2, 83N:94.47E, h33km, mb5.6/63, MSS.9/13, Error ellipse: s-maj=8.7km s-min=5.3km az=109.5

BJJ 26 13:56:38.6, 2.87N:94.21E, h30km, mb6.1, mb5.4, Ms6.3, Msz6.1

NEIC 26 13:56:40.2, 0.2, 2.78N:94.47E, h30km, mb5.5/66, MSS.9/110, Error ellipse: s-maj=5.5km s-min=4.4km az=221.0

SYO 26 13:56:40.5, 2.77N:94.46E, h30km, MB5.9

HRVD 26 13:56:40.2, 0.2, 2.57N:94.31E, h17km, MW5.9/59, Centroid moment Tensor Solution. LP body waves: s15, c17, Mantle waves: ss9, c97; Half duration: 2s1 Moment tensor: Scale 10^19Nm; Mr:0.89; 04, Mw:0.48; 03, Mw:0.41; 04, Mw:0.17; 15, Mw:0.27; 02, Mw:0.27; 14, Mw:0.27; 14; Best double couple: Mo:0.9; 1019 NPT: 0.307; 835; 1.83; NP2:0.136; 856; 1.95; Principal axes: T: 95, Plg79; Azm65; N: -18, Plg4; Azm31; P: -77, Plg11; Azm223; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

CSEM 26 13:56:43.6, 3.68N:94.42E, h33km, mb5.7

13 56:38.0, 0.2, 2.76N:0.03, 94.48E:0.03, h27km, h27kmx1.3km, p-P, n486, 0.19/25/28, mb5.4/128, MSS.9/150, 39C-12D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like PALK Pallekele, COCO West Island, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

752

Table with columns: Code, Station Name, Time, Res, h m s, ISC. Includes stations like GOA DGAR Diego Garcia, GOA DGAR Diego Garcia, GOA DGAR Diego Garcia, etc.



SSE	Sheshan	37.81	39	eP	P	14 03 54.3	+0.2
SSE				PP	P	14 05 20.5	-3.2
SSE				S	S	14 09 47.0	+4.0
SSE				AMB	AMB		
SSE	comp=Z,68nm,0.8s,mb5.4			AMB	AMB		
SSE	comp=Z,573nm,4.8s			AMB	AMB		
SSE	comp=N,37um,15.9s,MS6.3			LR	LR		
SSE	comp=N,37um,15.9s,MS6.3			LR	LR		
SSE	comp=E,15um,15.9s,MS6.3			LR	LR		
SSE	comp=Z,32um,15.3s,MS6.2			LR	LR		
TIA	Tai'an	39.31	29	P	P	14 04 08.0	+1.3
TIA				AP	pP	14 04 19.0	+4.3
TIA				PP	PP	14 05 43.0	+2.2
TIA				PPP	PPP	14 06 11.0	+6.0
TIA				S	S	14 10 13.0	+7.3
TIA				AMB	AMB		
TIA	comp=Z,52nm,1.1s,mb5.2			AMB	AMB		
TIA	comp=Z,2um,8.0s			LR	LR		
TIA	comp=N,8um,16.2s,MS5.9			LR	LR		
TIA	comp=E,12um,14.4s,MS5.9			LR	LR		
BTO	Baotou	40.20	18	eP	P	14 04 14.0	0.0
BTO				S	S	14 10 18.5	-0.5
BTO				AMB	AMB		
BTO	comp=Z,44nm,1.2s,mb5.1			LR	LR		
BTO	comp=N,6um,10.8s,MS6.2			LR	LR		
BTO	comp=E,20um,15.3s,MS6.2			LR	LR		
JOW	Kunigami	40.25	50	P	P	14 04 15.8	+1.3
JOW				AP	pP	14 04 15.8	+1.3
JOW	comp=E,55nm,1.0s,mb5.2,baz=278,slow=8.8,SNR=7.0			LR	LR	14 23 17.7	
JOW	comp=E,11um,18.5s,MS5.7,baz=235,slow=40			LR	LR		
KSH	Kashi	40.27	338	i/P	P	14 04 15.3	+0.8
KSH				pP	pP	14 04 24.0	+1.5
KSH				XP	sP	14 04 28.3	+2.4
KSH				PP	sP	14 05 51.3	+3.0
KSH				ePCP	pP	14 06 17.3	-1.3
KSH				ePPP	PPP	14 06 19.5	+1.9
KSH				SCP	SCP	14 10 03.5	
KSH				P	P	14 10 06.5	
KSH				S	S	14 10 21.5	+1.6
KSH				XS	XS	14 10 36.3	-2.1
KSH				SCS	ScS	14 14 17.3	+0.4
KSH				AMB	AMB		
KSH	comp=Z,520nm,4.3s			LR	LR		
KSH	comp=N,7um,16.2s,MS5.8			LR	LR		
KSH	comp=E,6um,12.1s,MS5.8			LR	LR		
HHC	Hu-ho-hao-te	40.93	20	i/P	P	14 04 20.5	+0.6
HHC				AP	pP	14 04 29.5	+1.5
HHC				XP	sP	14 04 34.3	+3.0
HHC				PP	PP	14 05 57.8	+0.4
HHC				PCP	pP	14 06 21.5	+0.8
HHC				P	P	14 10 10.3	
HHC				S	S	14 10 28.0	-1.8
HHC				XS	XS	14 10 44.8	
HHC				SS	SS	14 13 25.3	-2.1
HHC				SCS	ScS	14 14 20.0	-0.8
HHC				AMB	AMB		
HHC	comp=Z,55nm,1.2s,mb5.1			AMB	AMB		
HHC	comp=Z,4um,9.2s			LR	LR		
HHC	comp=N,26um,13.1s,MS6.5			LR	LR		
HHC	comp=E,32um,13.1s,MS6.5			LR	LR		
HHC	comp=Z,29um,14.3s,MS6.3			LR	LR		
WMQ	Urumqi	41.32	353	i/P	P	14 04 24.3	+1.2
WMQ				AP	pP	14 04 28.8	-2.4
WMQ				XP	sP	14 04 31.9	-3.2
WMQ				PP	PP	14 06 02.8	+1.2
WMQ				PPP	PPP	14 06 32.3	+0.2
WMQ				eS	S	14 10 37.0	+1.4
WMQ				AMB	AMB		
WMQ	comp=Z,34nm,1.0s,mb4.9			AMB	AMB		
WMQ	comp=Z,1um,7.8s			LR	LR		
WMQ	comp=N,5um,22.3s,MS5.6			LR	LR		
WMQ	comp=E,9um,23.0s,MS5.6			LR	LR		
NWAO	Narogin (SRO)	41.52	151	P	P	14 04 24.2	-0.7
NWAO	comp=N,8.2nm,0.7s,mb4.5,baz=351,slow=8.0,SNR=4.3			LR	LR		
NWAO	Narogin (SRO)	41.52	151	P	P	14 04 25.4	+0.5
NWAO				LR	LR		
BJT	Baijiatou	41.97	25	eP	P	14 04 30.0	+1.5
BJT				comp=Z,146nm,1.2s,mb5.5			
BJT	comp=Z,18um,19.0s,MS6.0			LR	LR		
BJI	Beijing	41.99	25	P	P	14 04 30.3	+1.6
BJI				AMB	AMB		
KZA	Kyzart	42.77	339	P	P	14 04 36.4	+1.4
KZA	SNR=13						
UCH	Uchter	43.17	338	P	P	14 04 31.3	-7.0
UCH	SNR=5.6						
KBK	Karagaybulak	43.38	339	P	P	14 04 32.9	-7.1
KBK	SNR=6.4						
TKMK	Tokmak 2	43.39	340	P	P	14 04 41.1	+1.1
TKMK	SNR=19						
AML	Almayashu	43.39	337	P	P	14 04 33.2	-6.9
AML	SNR=7						
AAK	Ala-Archa	43.53	339	P	P	14 04 34.6	-6.6
AAK	SNR=6.6						
AAK	Ala-Archa	43.53	339	eP	P	14 04 40.9	-0.3
AAK	comp=Z,125nm,1.4s,mb5.5			LR	LR		
FRU	Bishkek	43.66	339	eP	P	14 04 33.0	-9.2
FRU				eS	S	14 11 16.0	+6.2
FRU				pmax	pmax		
FRU	comp=Z,140nm,1.8s,mb5.4						
DL2	Dalian	43.66	31	P	P	14 04 44.3	+2.0
DL2				S	S	14 11 11.8	+1.9
DL2				AMB	AMB		
DL2	comp=Z,70nm,1.2s,mb5.3			AMB	AMB		
DL2	comp=Z,2um,5.7s			LR	LR		
DL2	comp=N,8um,17.4s,MS5.8			LR	LR		
DL2	comp=E,4um,13.4s,MS5.8			LR	LR		
DL2	comp=Z,8um,18.1s,MS5.7			LR	LR		
CHMS	Chumysh	43.75	339	P	P	14 04 43.1	+0.1
CHMS	SNR=12						
EKS2	Erkin-Say	43.82	338	P	P	14 04 44.7	+1.2
EKS2	SNR=14						
USP	Ospenovka	44.08	339	P	P	14 04 37.9	-7.7
USP	SNR=7						
MKAR	Makanchi Array	45.12	348	i/P	P	14 04 46.0	-8.0
MKAR				pmax	pmax		
WRA	Warramunga Arr	45.16	122	P	P	14 04 54.2	-0.5
WRA	comp=Z,34nm,0.9s,mb5.2,baz=299,slow=9.0,SNR=60						
WRA	Warramunga Arr	45.16	122	P	P	14 04 54.2	-0.5
WRA				pmax	pmax		
WRAB	Tennant Creek	45.17	122	eP	P	14 04 53.6	-1.1
WRAB				pmax	pmax		
WRAB	comp=Z,90nm,1.0s,mb5.5						
WRAB	Tennant Creek	45.17	122	eP	P	14 04 53.6	-1.1
WRAB							
WRAB	comp=Z,90nm,1.0s,mb5.5						
INCN	Inchon	45.43	36	eP	P	14 04 56.3	-0.3
INCN				LR	LR		
INCN	comp=Z,221nm,1.4s,mb5.8						
INCN	comp=Z,13um,20.0s,MS5.9						
SONM	Songino Array	46.06	11	P	P	14 05 01.9	+0.5
SONM	comp=Z,37nm,0.8s,mb5.3,baz=198,slow=7.8,SNR=76						
SONM				P	P	14 06 39.5	+1.5
SONM	comp=Z,14nm,1.1s,baz=198,slow=2.9,SNR=4.0						
KS15	Wonju Array Si	46.16	37	eP	P	14 05 02.7	+0.4
ULN	Ulaanbaatar	46.22	12	eP	P	14 04 59.9	-2.8
ULN				pmax	pmax		

ULN	Ulaanbaatar	46.22	12	eP	P	14 04 59.9	-2.8
ULN				P	P		
ASAR	Alice Springs	46.50	127	P	P	14 05 04.8	-0.4
ASAR	comp=Z,10nm,0.7s,mb4.8,baz=303,slow=7.5,SNR=40						
ASAR				PcP	PcP	14 06 39.7	-0.2
ASAR	comp=Z,7.2nm,0.7s,baz=304,slow=3.7,SNR=7.9			LR	LR	14 24 23.6	
SNY	Shenyang	46.83	30	i/P	P	14 05 04.5	-3.1
SNY				S	S	14 11 48.5	-7.0
SNY				AMB	AMB		
SNY	comp=Z,80nm,1.2s,mb5.5			AMB	AMB		
SNY	comp=Z,2um,11.5s			LR	LR		
SNY	comp=N,17um,15.9s			LR	LR		
SNY	comp=E,11um,21.1s			LR	LR		
SNY				LR	LR		
ZAK	Zakamensk	48.03	8	i/P	P	14 05 17.4	+0.5
ZAK	comp=Z,20um,19.4s,MS6.1						
HASS	Wahat al Ahsa'	48.50	302	P	P	14 05 21.5	+0.6
HASS				P	P	14 05 21.5	+0.6
HASS	Wahat al Ahsa'	48.50	302	P	P	14 05 20.0	+0.4
MOY	Mondy	49.04	5	eP	P	14 05 26.3	+0.2
CN2	Changchun	49.22	29	i/P	P	14 07 39.3	+1.8
CN2				eXP	sP	14 05 23.0	+2.7
CN2				ePP	eS	14 12 29.0	-0.1
CN2				eS	S		
CN2	comp=Z,40nm,1.2s,mb5.3			AMB	AMB		
CN2	comp=Z,11um,7.0s			LR	LR		
CN2	comp=N,14um,15.0s,MS6.2			LR	LR		
CN2	comp=E,10um,15.0s,MS6.2			LR	LR		
CN2	comp=Z,18um,17.0s,MS6.1			LR	LR		
TLY	Talaya	49.35	8	P	P	14 05 28.7	+1.7
TLY	comp=Z,347nm,1.1s,mb6.3,SNR=29						
TLY	Talaya	49.35	8	eP	P	14 05 28.5	+1.5
TLY				eS	S	14 12 39.2	+8.4
TLY				pmax	pmax		
TLY	comp=Z,79nm,1.1s,mb5.7			MLR	MLR		
TLY				MLR	MLR		
TLY	comp=Z,12um,17.0s,MS6.0						
TLY	Talaya	49.35	8	eP	P	14 05 28.0	+0.9
TLY	comp=Z,78nm,1.1s,mb5.7						
IRK	Irkutsk	49.98	8	eP	P	14 05 32.0	+0.1
IRK				e	e	14 12 35.8	
GUMO	Guam	50.92	75	PFAKE	LR	14 05 50.0	+1.1
GUMO				LR	LR		
HIA	Hailar	51.10	21	eP	P	14 05 39.5	-0.9
HIA	comp=Z,136nm,1.1s,mb5.8						
HIA				LR	LR		
QRN	Al-Qurain	51.24	305	eP	P	14 05 42.3	+0.5
RDF	Al-Radifah	51.61	305	eP	P	14 05 45.4	+0.8
CBJ	Chichi jima	51.62	57	LR	LR	14 24 38.7	
CBJ	comp=Z,3um,20.8s,MS5.3,baz=271,slow=53						
ZAL	Zalesovo	51.62	353	P	P	14 05 43.0	-1.3
ZAL	comp=Z,27nm,0.9s,mb5.2,baz=294,slow=6.2,SNR=27						
ZAL	Zalesovo	51.62	353	P	P	14 05 43.1	-1.2
ZAL				pmax	pmax		
KAMS	Al Khamasin	51.66	294	P	P	14 05 47.6	+2.6
KAMS	Al Khamasin	51.66	294	P	P	14 05 47.6	+2.6
MDJ	Mudanjiang	51.90	31	P	P	14 05 47.5	+1.0
MDJ				PcP	PcP	14 06 58.0	-1.1
MDJ				PP	PP	14 07 46.0	+0.9
MDJ				SCP	SCP	14 10 49.5	
MDJ				S	S	14 13 09.0	+2.9
MDJ				AMB	AMB		
MDJ	comp=Z,85nm,1.5s,mb5.5			AMB	AMB		
MDJ	comp=Z,2um,10.7s			LR	LR		
MDJ	comp=N,7um,15.8s,MS6.2			LR	LR		
MDJ	comp=E,18um,15.8s,MS6.2						



755

Table with columns: ETSF, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes stations like Nome, Eskdalemir, Danmarks, etc.

2004 DEC

Table with columns: LKWY, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes stations like Lake, Rikitea, Battle Mountain, etc.

26d 14h

Table with columns: HKT, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes stations like Hockley, Farellones, Rapu Nui, etc.

IDC 26 14:00:32.9±1.3, 5.65N-92.90E, mb4.4/7, mb1 4.6/7, mb1mx4.2/19, MS5.5/2, Ms1 5.6/2, ms1mx4.4/29, Error ellipse: s-maj=89.1km s-min=22.3km az=47.0, Off west coast of northern Sumatra

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

IDC 26 14:02:00.8±0.7, 4.76N-94.79E, mb4.3/13, mb1 4.4/14, mb1mx4.3/23, ML4.4/1, Error ellipse: s-maj=26.8km s-min=16.3km az=58.0

NEIC 26 14:02:05.0±0.5, 4.81N-94.78E, h30km, mb4.8/8, Error ellipse: s-maj=17.6km s-min=10.9km az=51.0

ISC 26 14:02:03.4±0.6, 4.8N±0.1, 94.8E±0.1, h30km, n28, ±1905'25, mb4.6/21, Off west coast of northern Sumatra

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

IDC 26 14:03:13.5±4.8, 8.33N-93.19E, h62km±42km, mb4.1/15, mb1 4.2/16, mb1mx4.2/22, ML4.1/1, Error ellipse: s-maj=27.7km s-min=13.9km az=52.0

ISC 26 14:03:08.2±0.5, 8.2N±0.1, 93.1E±0.1, h33km, n24, ±092/17, mb4.5/16, Nicobar Islands region

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

26L 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, NWAOW Narrogin (SRO), WRA Warramunga Arr, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, etc.

2004 DEC

Table with columns: TXAR, BDFB, SDV, SDV, LVC, LPVZ, LPVZ, LPVZ, LPVZ. Includes stations like Lajitas Array, Muntele Rosu, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWAOW Narrogin (SRO), WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH Enshi, SONM Songino Array, ULN Ulanbator, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, IMP Imphal, KMI Kumming, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kunigami, ZAL Zalesovo, etc.

756

Table with columns: LBTB, LBTB, MLR, BOSA, BOSA, KOLS, KOLS, FINES, FINES, KAF, KAF, NIE, NIE, PJZ, PJZ, VYHS, VYHS, OKC, OKC, MORC, MORC, ZORC, ZORC, VRCAC, VRCAC, ARCES, ARCES, ARCES, ARCES, ARSA, ARSA, UPC, UPC, BILL, BILL, PRU, PRU, GERES, GERES, BRG, BRG, KHC, KHC, CLL, CLL, CLL, CLL, NKC, NKC, WFS, WFS, HTA, HTA, DAVOX, DAVOX, DAVA, DAVA, NB2, NB2, NOA, NOA, LPL, LPL, VVDA, VVDA, EKA, EKA, ESDC, ESDC, ULM, ULM, ULM, ULM, NVAR, NVAR, PDAR, PDAR, ANMO, ANMO, BDFB, BDFB, MNTX, MNTX, HKT, HKT, LPVZ, LPVZ.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH Enshi, SONM Songino Array, ULN Ulanbator, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, IMP Imphal, KMI Kumming, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kunigami, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:15.3:0.5, 13.48N:92.84E, mb4.6/22, mb1 4.7/23, mb1mx4.6/26, ML4.6/1, Error ellipse: s-maj=22.4km s-min=12.4km az=48.0

NEIC 26 14:14:18.0:4.9, 13.50N:92.92E, h18km, 30km, mb5.0/21, Error ellipse: s-maj=9.5km s-min=6.8km az=54.0

BUI 26 14:14:18.0, 13.50N:92.90E, h17km, mb5.3, mb5.1, Ms5.4, Ms25.4

ISC 26 14:14:17.7:4.4, 13.53N:0.06:93.01E, 0.06, h29km, 31km, n72, o094/67, mb4.8/42, MSS.3/1, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, ENH Enn, etc.

ADC 26 14:20:40.2:1.5, 7.07N:92.55E, mb3.9/7, mb1 4.1/7, mb1mx3.9/18, Error ellipse: s-maj=71.0km s-min=20.2km az=57.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, WRA Warrungama Arr, etc.

ADC 26 14:21:24.0:7.2, 5.54N:93.05E, mb4.1/6, mb1 4.3/7, mb1mx4.0/20, ML4.5/1, Error ellipse: s-maj=171.0km s-min=46.7km az=144.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:23:59.1:1.4, 5.54N:94.47E, mb3.6/4, mb1 3.9/5, mb1mx3.7/19, ML4.4/1, Error ellipse: s-maj=69.9km s-min=23.5km az=51.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:24:58.8:1.2, 8.70N:93.03E, mb4.0/8, mb1 4.2/8, mb1mx4.0/17, Error ellipse: s-maj=60.6km s-min=20.1km az=53.0

ISC 26 14:25:02.2:1.1, 8.7N:0.2:93.1E, 0.3, h33km, n9, o0979/9, mb3.9/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, WRA Warrungama Arr, etc.

ADC 26 14:26:43.6:2.7, 4.88N:93.56E, mb3.7/3, mb1 3.8/4, mb1mx3.6/19, ML3.8/1, Error ellipse: s-maj=85.2km s-min=30.5km az=62.0, Off west coast of northern Sumatra

ADC 26 14:29:21.8:4.8, 9.39N:93.94E, h60km, 43km, mb4.0/17, mb1 4.1/18, mb1mx4.1/22, ML4.3/1, Error ellipse:

Table with columns: ILAR, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Eielson Array, YKA Yellowknife Arr, etc.

ADC 26 14:15:42.4:0.9, 13.45N:92.70E, mb4.3/13, mb1 4.5/13, mb1mx4.3/20, Error ellipse: s-maj=61.6km s-min=15.9km az=51.0

ISC 26 14:15:46.0:7.0, 13.4N:0.2:92.7E, 0.3, h33km, n15, o048/15, mb4.3/14, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, WRA Warrungama Arr, etc.

ADC 26 14:20:40.2:1.5, 7.07N:92.55E, mb3.9/7, mb1 4.1/7, mb1mx3.9/18, Error ellipse: s-maj=71.0km s-min=20.2km az=57.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, WRA Warrungama Arr, etc.

ADC 26 14:32:21.3:3.8, 11.44N:91.84E, mb3.9/3, mb1 4.1/4, mb1mx3.7/18, ML3.6/1, Error ellipse: s-maj=99.2km s-min=31.6km az=83.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

s-maj=27.7km s-min=11.5km az=57.0  
ISC 26 14:29:17.6:0.5, 9.33N:0.08:93.7E, 0.1, h33km, n34, o1509/28, mb4.3/18, Nicobar Islands region

ADC 26 14:29:17.6:0.5, 9.33N:0.08:93.7E, 0.1, h33km, n34, o1509/28, mb4.3/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like DDI Dehra Dun, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:29:17.6:0.5, 9.33N:0.08:93.7E, 0.1, h33km, n34, o1509/28, mb4.3/18, Nicobar Islands region

ADC 26 14:29:17.6:0.5, 9.33N:0.08:93.7E, 0.1, h33km, n34, o1509/28, mb4.3/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:32:21.3:3.8, 11.44N:91.84E, mb3.9/3, mb1 4.1/4, mb1mx3.7/18, ML3.6/1, Error ellipse: s-maj=99.2km s-min=31.6km az=83.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, MDRS Chennai, PKI Pulchoki, etc.

ADC 26 14:36:33.0:0.5, 9.76N:92.49E, mb4.3/20, mb1 4.5/21, mb1mx4.4/25, ML4.4/1, Error ellipse: s-maj=27.4km s-min=12.8km az=52.0

ISC 26 14:33:36.0:0.5, 9.61N:0.08:92.4E, 0.1, h33km, n60, o072/33, mb4.4/22, Nicobar Islands region

26d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

IDC 26 14:39:02.8.0.4, 8.39N, 92.44E, mb4.8/30, mb1 4.8/31, mb1mx4.8/31, ML4.5/1, Error ellipse: s-maj=17.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

IDC 26 14:39:02.8.0.4, 8.39N, 92.44E, mb4.8/30, mb1 4.8/31, mb1mx4.8/31, ML4.5/1, Error ellipse: s-maj=17.3km

BUI 26 14:39:05.9, 7.87N, 92.30E, h55km, mb5.7, mb4.8

MOS 26 14:39:06.1, 0.8, 4.2N, 92.46E, h33km, mb5.1/26, Error ellipse: s-maj=17.8km s-min=7.4km az=119.8

NEIC 26 14:39:07.4, 0.2, 8.30N, 92.36E, h30km, mb5.1/44, Error ellipse: s-maj=6.2km s-min=5.3km az=219.0

ISC 26 14:39:05.8.0.3, 8.28N, 0.05, 92.40E, 0.04, h33km, h33km, 2.4km, pp-P, n200, 0.09, 163, mb4.9/72, 2C-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

2004 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

758

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.





Table with columns: STKA, Stephens Creek, 57.17 133 P, 14 57 02.0 -0.7, etc. Includes stations like STKA, KMBO, KIMBA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CM31, CM31, CMAR, etc.

Table with columns: ENH, SMLA, SMLA, SDNR, etc. Includes stations like SMLA, SDNR, BHKR, etc.

IDC 26 14:47:28.2 0.8, 5.05N-95.57E, mb4.6/13, mb1 4.8/13, mb1mx4.6/20, 1D, Error ellipse: s-maj=3.3, s-min=19.2km az=40.0, Northern Sumatara

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

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

Table with columns: KSH, Kashi, KSH, etc. Includes stations like KSH, Kashi, KSH, etc.

IDC 26 14:48:39.7 0.3, 13.56N-92.87E, mb5.5/33, mb1 5.6/34, mb1mx5.6/34, ML5.4/1, MS5.5/8, Ms1 5.5/8, ms1mx4.9/29, Error ellipse: s-maj=14.8km s-min=9.4km az=44.0

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

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

Table with columns: WMO, WMO, WMO, etc. Includes stations like WMO, WMO, WMO, etc.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MA2, BDM, PSN, KIS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCER, ARED, KOLL, SRO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTI, NAO01, NORSAR, etc.

MDFB	Montbardon	77.83 313	IP	P	15 00 38.5 -0.5
SURF	Saint Ours	77.83 313	EP	P	15 00 39.3 +0.3
BNI	Bardonecchia	77.85 314	Pmax	Pmax	15 00 39.3 +0.2
BNI	Bardonecchia	77.85 314	EP	P	15 00 39.3 +0.2
THEF	They Montfort	77.94 317	EP	P	15 00 39.2 -0.3
GDM	Grand Maison	78.07 314	EP	P	15 00 41.0 -0.2
GRN	Grenoble	78.48 314	EP	P	15 00 43.6 +1.0
OG05	Jujurieux	78.58 315	EP	P	15 00 43.1 +0.1
BAIF	Baives	78.86 319	IP	P	15 00 44.6 +0.1
OC26	Saint-Nazaire	78.89 313	EP	P	15 00 45.5 +0.7
QGF	St-Nazaire-De	78.93 313	EP	P	15 00 45.5 +0.7
SSF	Saint Saule	79.76 316	IP	P	15 00 49.2 -0.3
PLDF	La Plantade	79.85 315	EP	P	15 00 51.0 +1.0
COLF	Collanges	79.87 314	EP	P	15 00 50.3 +0.2
AGO	Saint Agoulin	80.13 315	EP	P	15 00 51.5 -0.2
LBL	Lubilhac	80.23 314	EP	P	15 00 52.9 +0.9
BGF	Bois d'Agland	80.29 316	IP	P	15 00 52.3 0.0
PYM	Petit Puy Mans	80.31 315	EP	P	15 00 53.9 +1.5
DZM	Mont Dumac	80.32 316	EP	P	15 00 54.5 +1.5
LRW	Lerwick	80.33 330	EP	P	15 00 52.5 +0.2
WALI	Walls	80.52 330	EP	P	15 00 53.6 +0.4
FRNF	Fournols	80.68 314	EP	P	15 00 55.0 +0.6
CASY	Casey	80.75 173	PFAKE	LR	15 01 00.0 +1.6
EJON	La Jonquera	80.96 311	P	P	15 00 56.6 +0.7
RJF	Les Rejaudoux	81.42 314	IP	P	15 00 58.6 +0.3
RJF	Les Rejaudoux	81.42 314	IP	P	15 00 58.6 +0.3
VALF	Valcebolere	81.60 312	EP	P	15 01 00.0 +0.7
DAG	Danmarks Havn	81.63 347	EP	Pmax	15 00 58.2 -0.6
DAG	Danmarks Havn	81.63 347	EP	P	15 00 58.2 -0.6
DAG	Danmarks Havn	81.63 347	IP	P	15 00 58.2 -0.6
HPK	Haverah Park	81.75 323	EP	P	15 00 59.8 0.0
LHO	Holmfrith	81.97 323	EP	P	15 01 01.1 +0.2
FLN	La Foliniere	82.10 318	IP	P	15 01 01.5 -0.2
FLN	La Foliniere	82.10 318	IP	P	15 01 01.5 -0.2
MLS	Moulis	82.16 312	EP	P	15 01 01.7 -0.5
EDI	Edinburgh	82.22 326	EP	P	15 01 03.5 +1.1
EDI	Edinburgh	82.22 326	EP	P	15 01 03.5 +1.1
ESK	Eskdalemuir	82.36 325	EP	P	15 01 02.9 0.0
ESK	Eskdalemuir	82.36 325	EP	P	15 01 04.0 +1.1
ESK	Eskdalemuir	82.36 325	EP	Pmax	15 01 02.9 0.0
ESK	Eskdalemuir	82.36 325	EP	Pmax	15 01 03.5 +0.6
ESK	Eskdalemuir	82.36 325	EP	P	15 01 03.5 +0.6
EAU	Auchinoon	82.38 326	EP	P	15 01 03.8 +0.8
EAU	Auchinoon	82.38 326	EP	P	15 01 06.3
EPOB	Poblet	82.49 311	P	P	15 01 04.3 +0.4
SUR	Sutherland	82.65 234	EP	P	15 01 06.0 +1.0
SUR	Sutherland	82.65 234	EP	P	15 01 06.0 +1.0
SUR	Sutherland	82.65 234	EP	P	15 01 11.6 +0.1
HAE	Alders End	82.70 322	EP	P	15 01 04.9 +0.1
RESF	Els	82.74 312	EP	P	15 01 05.9 +0.7
EIBI	Ibiza	82.75 308	EP	P	15 01 06.5 +1.2
ANM	Nome	82.76 25	EP	P	15 01 06.0 +1.2
HLM1	Long Mynd	82.80 322	EP	P	15 01 05.5 +0.3
EGRA	Graus	82.88 312	EP	P	15 01 07.4 +1.5
EBIE	Bielsa	82.90 312	P	P	15 01 06.9 +0.9
EBIE	Bielsa	82.90 312	P	P	15 01 06.9 +0.9
EBR	Ebro Roquetas	83.03 310	EP	P	15 01 08.5 +1.8
ERTA	Horta de San J	83.12 310	EP	P	15 01 07.9 +0.7
ETSF	Etsaus	83.36 312	IP	P	15 01 08.8 +0.4
MIDW	Midway	83.43 63	PFAKE	LR	15 01 20.0 +1.1
MIDW	Midway	83.43 63	PFAKE	LR	15 01 20.0 +1.1
ESAC	San Cascasio	83.55 311	P	P	15 01 09.4 0.0
EMOS	Mosqueruela	83.85 310	P	P	15 01 12.7 +1.7
MAW	Mawson	83.91 191	P	P	15 01 11.6 +1.0
MAW	Mawson	83.91 191	P	P	15 01 11.6 +1.0
MAW	Mawson	83.91 191	P	Pmax	15 01 12.0 +1.4
MAW	Mawson	83.91 191	P	Pmax	15 01 12.0 +1.4
MAW	Mawson	83.91 191	EP	P	15 01 11.2 +0.6
MAW	Mawson	83.91 191	EP	P	15 01 16.7 -0.5
EALK	Alkuruntz	83.97 313	P	P	15 01 12.5 +0.9
EALK	Alkuruntz	83.97 313	P	P	15 01 12.5 +0.9
EBAN	Benardia	84.02 308	P	P	15 01 13.0 +1.1
DLF	Lyons Farm	84.75 324	IP	P	15 01 16.1 +1.0
DMB	Kingscourt	84.80 324	EP	P	15 01 17.0 +1.6
CART	Cartagena	84.86 307	EP	P	15 01 17.5 +1.4
EMUR	La Murta	84.99 308	P	P	15 01 17.1 +0.4
DCN	Croghan	85.17 324	IP	P	15 01 18.4 +1.2
UNV	Unalaska Valle	85.25 36	PFAKE	LR	15 01 30.0 +1.2
UNV	Unalaska Valle	85.25 36	PFAKE	LR	15 01 30.0 +1.2
ELAN	Lanestosa	85.34 313	P	P	15 01 18.3 0.0
EVIA	Viano	85.77 309	P	P	15 01 20.8 +0.2
ENIJ	Nijar	85.94 307	P	P	15 01 22.1 +0.5
EQES	Quesada	86.41 308	P	P	15 01 24.5 +0.7
EBER	Berja	86.49 307	P	P	15 01 24.9 +0.7
GUD	Guadarrama	86.51 311	P	P	15 01 24.7 +0.5
EARI	Arriondas	86.58 314	P	P	15 01 25.0 +0.5
ESDC	Sonseca Array	86.61 310	P	P	15 01 25.1 +0.3
ESDC	Sonseca Array	86.61 310	P	P	15 01 25.1 +0.3
ESDC	Sonseca Array	86.61 310	P	P	15 01 24.9 +0.2
ESLA	Sonseca Array	86.61 310	EP	P	15 01 25.5 +0.7
ESLA	Sonseca Array	86.61 310	EP	P	15 01 25.5 +0.7
ESLA	Sonseca Array	86.61 310	EP	P	15 01 25.5 +0.7
IMA	Indian Mountain	86.77 22	P	Pmax	15 01 26.8 +1.9
IMA	Indian Mountain	86.77 22	P	Pmax	15 01 26.8 +1.9
IMA	Indian Mountain	86.77 22	EP	P	15 01 26.4 +1.5
EBAN	Banos Encina	86.86 308	P	P	15 01 26.2 +0.2
ERON	Agron	87.17 307	P	P	15 01 27.7 +0.2
ELUO	Luque	87.39 308	P	P	15 01 28.9 +0.3
ELOJ	Sierra Loja	87.47 307	P	P	15 01 29.2 +0.5
EADA	Adamuz	87.47 309	P	P	15 01 28.8 -0.1
EMIJ	Mijas	88.04 307	P	P	15 01 30.8 -0.9
ERUA	La Rua	88.19 313	P	P	15 01 31.3 -1.0
SUMG	Summit	88.30 347	EP	P	15 01 32.6 +0.5
ESPR	Espera	88.80 308	P	P	15 01 36.0 +0.6

PVRL	Vila Real	88.93 312	EP	P	15 01 37.9 +2.1
ELOB	Labios	89.00 313	P	P	15 01 37.3 +1.1
STG	Sancti Spiritus	89.04 314	P	P	15 01 36.7 +0.3
MTE	Manteigas	89.06 311	EP	P	15 01 38.8 +2.3
EBAD	Badajoz	89.14 310	P	P	15 01 37.4 +0.4
EMIN	Mina Concepcio	89.17 309	P	P	15 01 36.9 -0.2
PCBR	Castelo Branco	89.17 311	EP	P	15 01 38.8 +1.8
PVIS	Viscu	89.22 312	EP	P	15 01 39.3 +2.1
EMAZ	Mazaricos	89.32 314	P	P	15 01 38.7 +1.1
COLA	College	89.48 22	EP	P	15 01 38.9 +1.0
COLA	College	89.48 22	EP	P	15 01 37.6 -0.3
SPO	Mount Spurr	89.68 27	EP	P	15 01 39.6 +0.4
RSU	Redoubt Summit	89.72 27	P	P	15 01 39.2 +0.1
EGRO	El Granado	89.85 309	P	P	15 01 40.6 +0.3
PALC	Alcortin	89.87 308	EP	P	15 01 42.0 +1.6
ILAR	Alcortin	89.88 22	P	P	15 01 41.0 +1.2
ILAR	Alcortin	89.88 22	P	P	15 01 42.0 +1.6
PBEJ	Beja	90.00 309	EP	P	15 01 42.9 +1.9
FIB	Fire Island	90.48 26	EP	P	15 01 44.3 +1.7
FIB	Fire Island	90.48 26	EP	P	15 01 44.3 +1.7
SYO	Syowa Base	90.53 197	IP	P	15 01 43.1 +0.4
SYO	Syowa Base	90.53 197	IP	P	15 02 02.6
PMT	Palmer	90.70 25	EP	P	15 01 44.5 +0.9
PTEO	Sao Teotonio	90.79 309	EP	P	15 01 46.3 +1.7
SLKM	Skiklak Lake	90.79 26	P	P	15 01 45.1 +1.0
SLKM	Skiklak Lake	90.79 26	P	P	15 01 44.6 +0.6
RPZ	Rata Peaks	90.94 135	P	P	15 01 46.7 +1.6
RPZ	Rata Peaks	90.94 135	P	P	15 01 46.7 +1.6
KDAK	Kodiak Island	91.04 29	EP	P	15 01 06.2 +0.9
KDAK	Kodiak Island	91.04 29	EP	P	15 01 06.2 +0.9
THY	Trims Highway	91.05 23	EP	P	15 01 46.5 +1.4
INK	Inuvik	91.82 16	P	P	15 01 49.3 +0.7
INK	Inuvik	91.82 16	P	P	15 01 49.3 +0.7
MENT	Mentasta	92.08 22	EP	P	15 01 52.2 +2.3
DIV	Divide	92.32 25	EP	P	15 01 52.4 +1.4
DIV	Divide	92.32 25	EP	P	15 01 52.4 +1.4
EYAK	Cordova Ski Ar	92.65 25	EP	P	15 01 54.2 +1.7
URZ	Urewera	93.84 128	EP	P	15 01 57.6 -1.0
RAO	Raoul Island	95.83 119	PFAKE	LR	15 02 20.0 +1.2
RAO	Raoul Island	95.83 119	PFAKE	LR	15 02 20.0 +1.2
DBIC	Dimbokro	95.94 278	EP	P	15 02 09.0 +0.1
DBIC	Dimbokro	95.94 278	EP	P	15 02 09.0 +0.1
DBIC	Dimbokro	95.94 278	EP	P	15 02 08.4 -0.4
DBIC	Dimbokro	95.94 278	EP	P	15 02 08.4 -0.4
AFI	Afiama	98.24 102	PFAKE	LR	15 02 30.0 +1.1
AFI	Afiama	98.24 102	PFAKE	LR	15 02 30.0 +1.1
VNDA	Vanda	98.78 168	P	P	15 02 20.8 +0.6
VNDA	Vanda	98.78 168	P	P	15 02 20.8 +0.6
SIT	Sitka	99.07 24	PFAKE	LR	15 02 30.0 +8.1
SIT	Sitka	99.07 24	PFAKE	LR	15 02 30.0 +8.1
SBA	Scott Base	99.88 168	PFAKE	LR	15 02 40.0 +1.5
SBA	Scott Base	99.88 168	PFAKE	LR	15 02 40.0 +1.5
YKA	Yellowknife Ar	101.12 13	P	P	15 02 31.7 +0.7
YKA	Yellowknife Ar	101.12 13	P	P	15 02 31.7 +0.7
YKA	Yellowknife Ar	101.12 13	P	P	15 02 31.7 +0.6
YKA	Yellowknife Ar	101.12 13	P	P	15 02 31.8 +0.7
YKA	Yellowknife Ar	101.12 13	P	P	15 02 31.8 +0.7
OSPA	South Pole Qui	103.50 180	IP	Pdf	15 02 59.5 +1.8
SCHO	Schefferville	109.67 48	PFAKE	LR	15 07 20.0
SCHO	Schefferville	109.67 48	PFAKE	LR	15 07 20.0
TRIS	Tristan da Cun	110.17 235	PFAKE	LR	15 07 30.0 +1.4
TRIS	Tristan da Cun	110.17 235	PFAKE	LR	15 07 30.0 +1.4
OCWA	Octopus Mounta	110.52 26	PFAKE	LR	15 07 30.0 +1.4
OCWA	Octopus Mounta	110.52 26	PFAKE	LR	15 07 30.0 +1.4
NEW	Newport	112.84 21	PFAKE	LR	15 07 30.0 +9.2
NEW	Newport	112.84 21	PFAKE	LR	15 07 30.0 +9.2
COR	Corvallis	113.37 27	PFAKE	LR	15 07 30.0 +8.0
COR	Corvallis	113.37 27	PFAKE	LR	15 07 30.0 +8.0
HUMO	Hull Mountain	115.06 29	PFAKE	LR	15 07 30.0 +4.7
HUMO	Hull Mountain	115.06 29	PFAKE	LR	15 07 30.0 +4.7
MSO	Missoula	115.17 20	PFAKE	LR	15 07 30.0 +4.6
MSO	Missoula	115.17 20	PFAKE	LR	15 07 30.0 +4.6
BMO	Blue Mountains	115.65 23	PFAKE	LR	15 07 40.0 +1.4
BMO	Blue Mountains	115.65 23	PFAKE	LR	15 07 40.0 +1.4
YBH	Yreka Blue Hor	115.86 29	PFAKE	LR	15 07 40.0 +1.3
YBH	Yreka Blue Hor	115.86 29	PFAKE	LR	15 07 40.0 +1.3
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 07 24.9 -2.0
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 07 24.9 -2.0
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 17 54.2
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 17 59.6
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 07 24.9 -2.0
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 17 54.2
ULM	Lac du Bonnet	115.93 6	PKP	PKPdf	15 17 59.6
DGMT	Dagmar	116.33 13	PFAKE	LR	15 07 40.0 +1.2
DGMT	Dagmar	116.33 13	PFAKE	LR	15 07 40.0 +1.2
MOD	Modoc	116.83 27	EP	PKPdf	15 07 27.5 -1.3
MOD	Modoc	116.83 27	EP	PKPdf	15 07 27.5 -1.3
WDC	Whiskeytown Da	116.83 30	PFAKE	LR	15 07 40.0 +1.1
WDC					

26d 14h

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GOGA Godfrey, LRAL Lakeview, NATX Nacodoches, etc.

IDC 26 14:53:13.3z, 2.7, 19.53N, 145.46E, h114km, 24km, mb4.7/26, mb1.4/8/29, mb1mx4.7/34, MS4.8/2, Ms1 4.8/2, ms1mx3.8/32, Error ellipse: s-maj=14.8km s-min=8.5km az=89.0

NEIC 26 14:53:15.8z, 0.6, 19.49N, 145.37E, h137km, 6km, mb5.0/47, Error ellipse: s-maj=5.7km s-min=5.2km az=77.0

BUI 26 14:53:15.2, 19.90N, 145.75E, h145km, mb5.2, IDC 26 14:53:14.7z, 0.8, 19.51N, 0.04, 145.42E, 0.4, h135km, 7km, n156, s190E/150, mb4.9/174, SC-4D, Mariana Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SARAN Sarigan, ANAT Anatahan, ANAZ Anatahan, etc.

2004 DEC

Table with columns: KMI, LZH, LZH, MAZ, WRAB, WRA, ULN, SONM, GTA, CM31, CMAR, YAK, ASAR, MBWA, LSA, BILL, STKA, STKA, WMQ, ANM, ZAL, ZAL, NWAO, NWAO, PWA, COLA, ILAR, THY, URZ, CHKZ, BVAR, BRVK, RPZ, RAR, INK, ARU, YKA, HUMO, TDH, TBM, YBH, YBH, EBG, WTV, EPH, REDWA, WRD, ODZ, LBCM, OCHM, MOD, NEW, SAO, KVB, KMB, LRV, BMO, WCN, ARCES, OMM, NVAR, MNV, BMN, MTUM, TPH, HLID, ELK, HRY, TPNV, BOZ, BNI, KAF, HVU, YMR, PFO, PBU, YNR, YFR, FINES, SPUS, IMW, LKWY, LKWY, TPVW, MOOW, REDW, WUWY, SNOW, LOHW, NEI, HOQ, ARUT, NLU, MPU, DAU, MVU, MSU, BW06, PDAR, TMUT, SRU, PV10. Includes stations like Lanzhou, Magadan, Tennant Creek, etc.

764

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PV01 Paradox Valley, AKASG Malin Array Be, RW3 Tidway, etc.

IDC 26 14:55:49.2z, 0.6, 6.48N, 92.73E, mb4.7/17, mb1 4.7/18, mb1mx4.6/25, ML4.3/1, Error ellipse: s-maj=29.0km s-min=14.2km az=33.0

ISC 26 14:55:52.2z, 0.5, 6.3N, 0.1-0.92.70E, 0.10, h33km, n32, mb4.7/18, mb4.7/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, UCH Uchto Domingo, KBK Karangbulak, etc.

IDC 26 14:58:01.4z, 0.8, 4.92N, 94.69E, mb4.7/17, mb1 4.7/18, mb1mx4.6/26, ML4.4/1, Error ellipse: s-maj=30.6km s-min=15.5km az=38.0

ISC 26 14:58:05.1z, 0.7, 5.0N, 0.2-0.94.8E, 0.1, h33km, n25, s190D/23, mb4.6/17, Off-net west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kunigami, SONM Muntele Rosu, etc.





26d 15h

2004 DEC

766

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWAOW, AAK, FRU, CHMS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLR, BOD, CTA, CTAO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GZT, EIL, EIL, GAZIANTEP, etc.



26d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HWUT, TPB, WVL, RCBR, DAC, etc.

2004 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LVC, TEIG, LPAZ, SDV, ROSC, etc.

768

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LZH, LZH, LZH, WHA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MDJ, BVAR, BRVK, ASAR, CHKZ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MORC, KEV, ZST, ARCES, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MSU, ANMO, BDFB, etc.

IDC 26 15:13.16 ± 0.8, 5.39N-93.36E, mb4.8/15, mb1 4.9/16, mb1mx4.8/24, Error ellipse: s-maj=42.0km s-min=14.6km az=45.0

NEIC 26 15:13.20.8 ± 3.7, 5.37N-93.43E, h31km, 25km, mb5.4/5, mb2 5.1/3, Error ellipse: s-maj=16.8km s-min=8.2km az=67.0

ISC 26 15:13.19.0 ± 0.4, 5.39N-07.9339E, 0.08, h33km, n46, a1501/40, mb4.9/19, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PALK, CMAR, MDRS, etc.

IDC 26 15:17.24.1 ± 2.0, 19.93S-134.06E, mb1 3.6/2, s-min=2.1km az=93.0, Northern Territory

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WRA, ASAR, etc.

IDC 26 15:19.13.0 ± 0.6, 15.74N-61.63W, mb4.3/12, mb1 4.4/16, mb1mx4.2/27, ML4.0/4, Error ellipse: s-maj=11.5km s-min=9.0km az=122.0

NEIC 26 15:19.14.7 ± 0.5, 15.69N-61.68W, h10km, mb4.5/3, Error ellipse: s-maj=11.7km s-min=8.1km az=138.0

TRN 26 15:19.14.2 ± 0.5, 15.77N-61.51W, h25km, MD4.2

ISC 26 15:19.55.0 ± 0.4, 15.72N-03.6166W, 0.04, h27km, 44km, n45, a1907/58, mb4.3/14, 3C-6D, Leeward Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBL, WBS, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, JOW Kungami, SONM Sogingo Array, ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, ASAR Alice Springs, PMG Port Moresby, STKA Stephens Creek, BRTR Keskin Array B, AKASE Malin Array Be, MLR Muntele Rosu, FINES FINESS Array B, LBTB Lobatse, BOSA Boshof, GERES GERES Array B, MAW Mawson, HFS Hagfors, NOB NORARS Subarra, NOA NORARS Array B, DAVOX Davos, NVAR Nina Arr Be, PDAR Pinedale Array, ANMO Albuquerque, TXAR Lajitas Array.

IDC 26 15:34:23.0, 1.5, 7.56N-91.57E, mb3.9/5, mb1 4.2/6, mb1mx3.9/19, Error ellipse: s-maj=53.0km s-min=23.1km az=58.0
NEIC 26 15:34:27.0, 4.0, 7.66N-91.68E, h30km, mb4.3/1, Error ellipse: s-maj=27.7km s-min=14.6km az=72.0
ISC 26 15:34:26.0, 1.2, 7.7N-91.1, 91.8E, 0.2, h30km, n8, d05877, mb3.9/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, LSA Lhasa, SONM Sogingo Array, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B, TXAR Lajitas Array.

IDC 26 15:35:10.9, 1.1, 2.81N-94.11E, h23km, 4km, mb4.2/12, mb1 4.3/13, mb1mx4.2/20, Error ellipse: s-maj=26.8km s-min=16.0km az=45.0
NEIC 26 15:35:11.2, 0.6, 2.71N-94.13E, mb4.5/3, Error ellipse: s-maj=19.1km s-min=11.2km az=66.0
BUI 26 15:35:14.5, 2.7, 7.9N-93.34E, h23km, mb4.8
ISC 26 15:35:08.9, 0.7, 2.7N-94.1E, 0.1, h22km, h22km, 3.0km, p-P, n98, s=151/27, mb4.3/17, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ZAL Zalesovo, ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, YAK Yakutsk, BRTR Keskin Array B, AKASE Malin Array Be, MLR Muntele Rosu, FINES FINESS Array B, FINES FINESS Array B, VYHS Vyhne, ZST Bratislava, ARCES ARCESS Array B, ARCES ARCESS Array B, GERES GERES Array B, HFS Hagfors, TXAR Lajitas Array.

IDC 26 15:36:48.2, 0.4, 1.2N-93.82E, mb4.6/25, mb1 4.7/26, mb1mx4.6/29, ML4.1/1, Error ellipse: s-maj=22.2km s-min=11.0km az=46.0
BUI 26 15:36:52.7, 4.2, 25N-93.94E, h28km, mb5.2, Ms5.2, Ms2.0
NEIC 26 15:36:54.0, 2.4, 1.3N-93.85E, h39km, 21km, mb4.9/15, Error ellipse: s-maj=13.7km s-min=6.8km az=47.0
CSEM 26 15:36:57.1, 4.6, 68N-93.48E, h33km, mb5.5
ISC 26 15:36:49.0, 3.4, 0.4N-100.05-93.88E, 0.06, h22km, h22km, 3.0km, p-P, n98, s=196/65, mb4.9/53, 2C-2D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, IMP Imphal, KMI Kunming, KMI Kunming, PKI Pulchoki, DMN Dmanisi, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldana, LSA Lhasa, LSA Lhasa, CD2 Chengdu, ENH Enshi, WHN Wuhan, XAN Xian, XAN Xian, LZH Lanzhou, LZH Lanzhou, GTA Gaotai, KSH Kashi, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, BJJ Beijing, UCH Uchter, KBK Karagaybulak, TKM2 Tokmak, AML Almayashu, AAK Ala-Archa, EK2S Erkin-Say, WSP Sarypenkova, NWAO Narogin (SRO), SONM Sogingo Array, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, QRN Al-Qurain, HIA Haihar, ZAL Zalesovo, RDF Al-Radiah, RST Umm Al-Ruwaisa, BVAR Borovoye Array, CHKZ Chkalovo, PMG Port Moresby, CTA Charters Tower, KMBO Kilima Mbogo, GNI Girma, STKA Stephens Creek, ASF Jabal al Asfar, MALT Malatya, EIL Elat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, LSA Lhasa, SONM Sogingo Array, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B, TXAR Lajitas Array.

IDC 26 15:41:45.2, 0.7, 4.80N-94.94E, mb4.4/14, mb1 4.5/14, mb1mx4.4/20, Error ellipse: s-maj=26.8km s-min=16.0km az=45.0
NEIC 26 15:41:49.5, 4.8, 80N-95.00E, h30km, mb4.6/3, Error ellipse: s-maj=21.6km s-min=10.0km az=52.0
BUI 26 15:41:49.5, 4.8, 80N-95.00E, h30km, mb5.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include MBAR Mbarara, YAK Yakutsk, BRTR Tennant Creek, IDI Anoyia, AKASE Malin Array Be, MLR Muntele Rosu, LBTB Lobatse, KWP Kwarria, KOLS Kolonickie sedl, KOLS Kolonickie sedl, CRVS Cervencia-Dubn, SUW Suwalki, FINESS FINESS Array B, KECS Kecovo, KECS Kecovo, KJC Kangasniemi, OJC Ojcow, VYHS Vyhne, OKC Ostrava-Krasne, ZST Bratislava, KEV Kevro, ARCES ARCESS Array B, DPC Dobruska-Pol, FXI Kevro, GERES GERES Array B, BRG Bergljussuhel, KHC Kasperske Hory, CLL Collin, HFS Hagfors, WATA Walderalm, SQTa Sankt Quirin, MOTA Motoska, NOB NORARS Subarra, NOA NORARS Array B, RPZ Rata Pecs, LPL La Plagne, VNL Vanda, ESDC Sonseca Array, ULM Lac du Bonnet, ULM Lac du Bonnet, NVAR Nina Arr Be, MNV Mina, PDAR Pinedale Array, MSU Marysvale, ANMO Albuquerque, BDBF Brasilia, TXAR Lajitas Array, JCT Junction City, JCT Villa Florida, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

TIR 26 15:38:27.1, 4.1, 11N-20.19E, h14km, M12.4
CSEM 26 15:38:28.1, 0.2, 4.1, 18N-20.28E, ML3.2, Error ellipse: s-maj=4.9km s-min=2.6km az=80.0
PDG 26 15:38:29.4, 0.2, 4.1, 18N-20.18E, h7km
NEIC 26 15:38:29.4, 4.1, 18N-20.18E, h7km, MD2.8(PDG), After PDG.

THE 26 15:38:30.4, 4.1, 16N-20.35E, h2km, ML3.2
ISC 26 15:38:28.4, 0.4, 4.1, 12N-20.03-20.22E, 0.03, h10km, n29, s=1827/53, 3C-5D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include TIR Tirane, OHR Ohrid, QSH Qafa e Shtames, QSH Qafa e Shtames, PRZA Preza, LACI Laca, KBN Korca, BIA Bitola, BIA Bitola, FNA Florina, PUK Puka, PUK Puka, PUK Puka, ULC Ulcinj, ULC Ulcinj, SKO Skopje, SKO Skopje, PVY Plav, PVY Plav, TTG Podgorica, TTG Podgorica, BUM Brajci-Budva, BUM Brajci-Budva, BUM Brajci-Budva, IGT Igoumenitsa, GRG Griva, GRG Griva, GRG Griva, IVI Berane, NKY Niksic, NKY Niksic, LIT Litokhoron, LIT Litokhoron, KNT Kendrikon, KNT Kendrikon, THE Thessaloniki, BRY Bratogost, SRS Serrai, SRS Serrai, XOR Xorichti, XOR Xorichti, XOR Xorichti.

IDC 26 15:41:45.2, 0.7, 4.80N-94.94E, mb4.4/14, mb1 4.5/14, mb1mx4.4/20, Error ellipse: s-maj=26.8km s-min=16.0km az=45.0
NEIC 26 15:41:49.5, 4.8, 80N-95.00E, h30km, mb4.6/3, Error ellipse: s-maj=21.6km s-min=10.0km az=52.0
BUI 26 15:41:49.5, 4.8, 80N-95.00E, h30km, mb5.1

ISC 26 15:41:47.0, 6.4, 7N.0.1, 94.9E, 0.1, h30km, m27,
0592/22, mb4.4/18, Off west coast of northern
Sumatera

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

ISC 26 15:41:52.0, 8.1, 11.90N, 92.04E, mb4.2/17, mb1 4.4/17,
mb1mx4.3/22, Error ellipse: s-maj=38.4km s-min=16.7km
az=48.0

BUI 26 15:41:55.0, 11.65N, 92.43E, h41km, mb4.7
NEIC 26 15:41:57.1, 0.5, 11.96N, 92.17E, h30km, mb4.4/5, Error
ellipse: s-maj=16.5km s-min=11.6km az=66.0

ISC 26 15:41:55.0, 0.5, 11.92N, 0.07-92.20E, 0.8h, h30km, n48,
0156/48, mb4.3/23, Andaman Islands region

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

ISC 26 15:46:03.0, 1.7, 9.98N, 94.44E, mb4.0/6, mb1 4.2/6,
mb1mx3.8/18, Error ellipse: s-maj=179.0km
s-min=22.2km az=48.0, Nicobar Islands region

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

ISC 26 15:46:54.1, 4.5, 2.8N, 94.39E, mb3.8/7, mb1 4.1/8,
mb1mx3.8/19, ML4.2/1, Error ellipse: s-maj=68.5km
s-min=21.1km az=53.0, Northern Sumatera

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

ISC 26 15:48:12.2, 1.5, 3.08N, 93.77E, mb4.0/7, mb1 4.2/8,
mb1mx4.0/19, ML3.8/1, Error ellipse: s-maj=60.5km
s-min=20.2km az=58.0

ISC 26 15:48:15.2, 1.2, 3.1N, 93.8E, 0.2, h33km, n8, 066/78,
mb4.0/7, Off west coast of northern Sumatera

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

ISC 26 15:50:43.1, 1.1, 6.53N, 93.55E, h23km, mb3.8/7,
mb1 4.0/7, mb1mx3.8/16, Error ellipse: s-maj=73.5km
s-min=15.4km az=49.0

NEIC 26 15:50:44.8, 0.6, 6.78N, 93.98E, mb4.3/2, Error ellipse:
s-maj=72.6km s-min=17.3km az=60.0

ISC 26 15:50:42.6, 0.8, 6.8N, 93.1, 94.1E, 0.2, h29km,
h29km, 2.9km, pP, n15, 056/71, mb4.0/9, Nicobar
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Songing Array, Zalesovo, etc.

ISC 26 15:53:31.5, 1.1, 32.75S, 177.91W, mb4.7/4, mb1 4.8/6,
mb1mx4.3/15, ML4.3/2, Error ellipse: s-maj=42.7km
s-min=22.0km az=139.0

NEIC 26 15:53:33.3, 0.6, 32.66S, 178.01W, h10km, mb4.9/6, Error
ellipse: s-maj=16.2km s-min=9.2km az=106.0

ISC 26 15:53:32.6, 1.2, 32.77S, 0.05, 178.2W, 0.2, h10km, n53,
0151/43, mb4.8/2, 2C-2D, South of Kermadec Islands

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

KHZ Kahutera 11.64 212 S S 15 58 22.7 -10
MQZ McQueen's Vall 13.06 211 S S 15 58 53.5 -14
RPZ Rata Peaks 17.21 214 Pn P 15 56 48.6 -1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RPZ, STKA, CTA, CTAO, ASAR, WRAB, WRAB, WRA, MBWA, QSPA, SNA, SNA, VNA3, etc.

ISC 26 15:54:15.1, 1.1, 10.88N, 91.62E, mb3.8/8, mb1 3.9/9,
mb1mx3.8/19, Error ellipse: s-maj=40.1km s-min=20.6km
az=54.0

NEIC 26 15:54:20.0, 2.0, 9.89N, 91.79E, h30km, mb4.1/2, Error
ellipse: s-maj=24.5km s-min=14.0km az=65.0

ISC 26 15:54:17.2, 1.0, 10.7N, 0.2, 91.5E, 0.2, h30km, n14,
056/71, mb3.8/9, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, LSA, SONM, ZAL, BVAR, WRA, WRAB, ASAR, AKASG, etc.

ISC 26 15:56:46.0, 0.6, 13.95N, 93.17E, mb4.2/20, mb1 4.3/21,
mb1mx4.3/25, ML4.7/1, Error ellipse: s-maj=23.8km
s-min=14.0km az=50.0

NEIC 26 15:56:47.6, 0.2, 13.96N, 93.22E, h10km, mb4.4/6,
Error ellipse: s-maj=14.8km s-min=8.8km az=50.0

BUI 26 15:56:47.7, 1.4, 0.00N, 93.20E, h10km, mb4.4, M55.5
ISC 26 15:56:49.2, 0.4, 13.98N, 0.06, 93.21E, 0.06, h33km, n49,
0189/49, mb4.2/2, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Nakhon Sawan, Chiang Mai Arr, CMAR, SRI, KELI, etc.

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

ADC 26 15:59:34.5 1.3, 6.64N-92.44E, mb4.0/11, mb1 4.2/11, s-min=27.2km az=46.0, Nicobar Islands region

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

ADC 26 15:59:34.5 1.3, 6.64N-92.44E, mb4.0/11, mb1 4.2/11, s-min=27.2km az=46.0, Nicobar Islands region

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

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

ADC 26 16:00:27.9 1.0, 4.95N-94.36E, mb4.1/9, mb1 4.3/10, m1mx4.1/20, ML4.4/1, Error ellipse: s-maj=47.4km s-min=17.7km az=48.0, Off west coast of northern Sumatra

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

ADC 26 16:06:17.7 0.6, 4.85N-93.25E, mb4.5/13, mb1 4.6/14, m1mx4.4/22, ML4.0/11, Error ellipse: s-maj=31.0km s-min=14.0km az=50.0

BUL 26 16:06:20.4, 4.49N-93.44E, h54km, mb5.5, mb4.7 NEIC 26 16:06:22.0 2.5, 4.89N-93.28E, h30km, mb4.6/8, Error ellipse: s-maj=15.0km s-min=9.2km az=66.0

ADC 26 16:06:20.1 0.6, 4.86N-93.07E, h33.32E-0.10, h30km, n42, s150/35, mb4.6/29, 12.0, Off west coast of northern Sumatra

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

BUL 26 16:10:36.4, 7.05N-93.54E, h30km, mb4.6 ADC 26 16:10:39.0 0.5, 7.24N-93.98E, mb4.5/20, mb1 4.6/20, m1mx4.5/23, Error ellipse: s-maj=22.2km s-min=13.0km az=57.0

NEIC 26 16:10:43.0 0.3, 7.84N-94.11E, h30km, mb4.7/14, Error ellipse: s-maj=14.5km s-min=8.2km az=62.0

ADC 26 16:10:41.8 0.4, 7.79N-106.94E-0.09, h30km, n55, s113/50, mb4.6/38, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, PUKI, GUN, etc.

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

ADC 26 16:12:51.8 0.7, 13.87N-93.27E, mb4.3/15, mb1 4.5/16, m1mx4.4/22, ML4.6/1, Error ellipse: s-maj=31.2km s-min=15.6km az=55.0

BUL 26 16:12:51.2, 13.64N-93.29E, h21km, mb5.5, mb4.5/8, NEIC 26 16:12:53.0 0.3, 8.19N-93.31E, h53km-23km, mb4.8/10, Error ellipse: s-maj=10.3km s-min=8.2km az=209.0

ADC 26 16:12:55.0 0.2, 5.13N-95.10E-0.05, h31km-18km, h24km-6.2km, p-P, n57, s114/56, mb4.5/27, MS4.7/2, 1C-1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NST, CM31, CMAR, etc.

ADC 26 16:14:02.0 0.5, 7.24N-93.98E, mb4.5/20, mb1 4.6/20, m1mx4.5/23, Error ellipse: s-maj=22.2km s-min=13.0km az=57.0

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











BRTR Keskin Array B 63.16 312 P P 16 49 33.7 -2.0
GERES GERES Array B 78.93 319 P P 16 51 09.7 -0.7

BUI 26 16:43:05.8, 8.32N-92.27E, h306km, mb4.4,
IDC 26 16:43:14.5-0.7, 8.34N-92.56E, h34km, mb3.9/9,
s-min=1.1, mb1mx3-9.18, Error ellipse: s-maj=33.7km
s-min=13.0km az=52.0

NEIC 26 16:43:15.0-0.5, 9.06N-92.62E, mb4.6/6, Error ellipse:
s-maj=22.4km s-min=8.8km az=58.0
ISC 26 16:43:12.5-0.7, 8.94N-0.09.92.5E-0.1, h37km,
h23km, 7km; p-P, n23, a0980/19, mb4.3/16, 1C, Nicobar
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM31, LSA, GYA, ENH, GTA, SONM, WRA, etc.

IDC 26 16:44:19.5-0.6, 13.55N-92.66E, h22km, mb4.1/16,
mb1 4.2/16, mb1mx4.1/20, Error ellipse: s-maj=29.7km
s-min=11.2km az=54.0

NEIC 26 16:44:19.8-0.3, 13.63N-92.75E, mb4.4/4, Error ellipse:
s-maj=14.7km s-min=7.7km az=63.0
ISC 26 16:44:17.9-0.5, 13.62N-0.09.92.8E-0.1, h23km,
h23km, 7km; p-P, n26, a0975/24, mb4.2/18, Andaman
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA, SONM, ZAL, BVAR, etc.

MAW Mawson 83.88 191 P P 16 56 48.1 +1.3
ESDC Sonsec Array B 86.54 310 P P 16 57 01.4 +0.7
ILAR Eielson Array 89.93 22 P P 16 57 16.8 +0.5

IDC 26 16:47:20.0-1.1, 5.57N-94.39E, mb4.1/10, mb1 4.3/11,
mb1mx4.1/20, ML4.6/1, Error ellipse: s-maj=55.6km
s-min=19.7km az=51.0

NEIC 26 16:47:23.4-0.8, 5.27N-94.12E, h30km, mb4.4/4, Error ellipse:
s-maj=37.6km s-min=13.5km az=60.0
ISC 26 16:47:21.1-0.8, 5.28N-0.1, 94.0E-0.2, h30km, n19,
a1508/16, mb4.2/14, Northern Sumatara region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, CHRT, LSA, SONM, etc.

IDC 26 16:48:17.6-0.4, 7.36N-93.11E, mb4.7/27, mb1 4.8/28,
mb1mx4.8/29, ML5.0/1, Error ellipse: s-maj=22.4km
s-min=7.14km az=57.0

BUI 26 16:48:21.7, 7.19N-92.93E, h51km, mb5.8, mb4.9, Ms4.8,
Ms2.4

NEIC 26 16:48:24.1-0.2, 7.22N-93.03E, mb4.9/25, Error ellipse:
s-maj=6.9km s-min=6.0km az=217.0
ISC 26 16:48:20.6-0.3, 7.18N-0.04.93.0E-0.04, h33km, n169,
a1502/159, mb4.9/58, ML5.4/1, 3C-3D, Nicobar Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALK, CM31, CMAR, etc.

SONM Songrio Array 42.08 13 P P 16 56 11.0 0.0
SONM comp=2.2, 8nm, 0.8s, mb4.0, baz=196, slow=9.9, SNR=9.5
SONM comp=2.1, 3nm, 0.6s, baz=194, slow=7.2, SNR=4.4
SONM Songrio Array 42.08 13 P P 16 56 11.0 +0.4

IDC 26 16:49:00.0-0.1, 1.1, 5.57N-94.39E, mb4.1/10, mb1 4.3/11,
mb1mx4.1/20, ML4.6/1, Error ellipse: s-maj=55.6km
s-min=19.7km az=51.0

NEIC 26 16:47:23.4-0.8, 5.27N-94.12E, h30km, mb4.4/4, Error ellipse:
s-maj=37.6km s-min=13.5km az=60.0
ISC 26 16:47:21.1-0.8, 5.28N-0.1, 94.0E-0.2, h30km, n19,
a1508/16, mb4.2/14, Northern Sumatara region

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

IDC 26 16:48:17.6-0.4, 7.36N-93.11E, mb4.7/27, mb1 4.8/28,
mb1mx4.8/29, ML5.0/1, Error ellipse: s-maj=22.4km
s-min=7.14km az=57.0

BUI 26 16:48:21.7, 7.19N-92.93E, h51km, mb5.8, mb4.9, Ms4.8,
Ms2.4

NEIC 26 16:48:24.1-0.2, 7.22N-93.03E, mb4.9/25, Error ellipse:
s-maj=6.9km s-min=6.0km az=217.0
ISC 26 16:48:20.6-0.3, 7.18N-0.04.93.0E-0.04, h33km, n169,
a1502/159, mb4.9/58, ML5.4/1, 3C-3D, Nicobar Islands
region

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







Table with columns: INK, Inuvik, 38.51 34 P, P, 17 15 26.9 +1.3, comp=Z,1.1nm,0.6s,mb3.8,baz=282,slow=6.1,SNR=3.6

IDC 26 17:12:56.0,1.0,3.39N-94.31E,mb4.2/11,mb1 4.3/12, mb1mx4.2/21,ML4.5/1, Error ellipse: s-maj=36.9km s-min=18.1km az=49.0

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

IDC 26 17:15:33.4,1.4,4.67N-95.47E,mb4.0/8,mb1 4.1/8, mb1mx3.9/19, Error ellipse: s-maj=76.7km s-min=22.5km az=51.0, Northern Sumatra

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

IDC 26 17:16:40.4,1.2,13.18N-92.21E,mb4.0/8,mb1 4.2/9, mb1mx4.0/19,ML4.1/1, Error ellipse: s-maj=50.1km s-min=24.9km az=37.0, Andaman Islands region

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

Table with columns: ASAR Alice Springs, 47.79 127 P, P, 17 30 07.8 0.0, comp=Z,6.0nm,0.9s,mb4.4

IDC 26 17:24:47.6,0.9,4.82N-93.38E,mb4.3/11,mb1 4.4/12, mb1mx4.2/21,ML4.1/1, Error ellipse: s-maj=38.9km s-min=19.0km az=48.0

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

IDC 26 17:25:43.9,1.2,4.60N-94.93E,mb4.0/9,mb1 4.2/9, mb1mx4.0/19, Error ellipse: s-maj=102.0km s-min=20.8km az=44.0, Off west coast of northern Sumatra

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

IDC 26 17:26:44.8,10.0,3.14N-95.19E,mb3.9/5,mb1 4.1/6, mb1mx3.8/18,ML4.3/1, Error ellipse: s-maj=293.0km s-min=61.5km az=133.0, Off west coast of northern Sumatra

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

IDC 26 17:30:19.6,0.5,8.60N-93.72E,mb4.3/18,mb1 4.5/19, mb1mx4.4/23,ML4.9/1, Error ellipse: s-maj=32.6km s-min=13.0km az=53.0

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

Table with columns: SOMM Songino Array, 46.03 13 P, P, 17 38 01.4 -0.1, comp=Z,2.0nm,0.7s,mb4.3,baz=192,slow=9.2,SNR=5.8

IDC 26 17:32:19.7,1.1,3.05N-93.64E,mb4.2/8,mb1 4.3/9, mb1mx4.2/19,ML5.3/1, Error ellipse: s-maj=46.3km s-min=18.0km az=53.0

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

IDC 26 17:32:21.8,0.7,2.97N-10.93E,0.1,h30km,n21, 0.85N/20,mb4.4/14, Off west coast of northern Sumatra

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

IDC 26 17:32:21.8,0.7,2.97N-10.93E,0.1,h30km,n21, 0.85N/20,mb4.4/14, Off west coast of northern Sumatra

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

IDC 26 17:32:40.2,2.4,8.36N-93.87E,mb4.1/10,mb1 4.3/10, mb1mx4.1/19, Error ellipse: s-maj=62.3km s-min=42.0km az=126.0, Nicobar Islands region







Table with columns for station name, frequency, and other parameters. Includes stations like ARU, ERZM, UMJUS, KIV, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ARCES, MORC, LBTB, ZST, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ILAR, ELAR, ILAR, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like LZH, WHN, GTA, and various international stations.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KAF, SUW, SRO, and various international stations.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PDAR, NVAR, MVU, and various international stations.





Table with columns: TXAR, JCT, BDFB, PCRV, LVC, LVC, LPAZ, LPAZ, ROSC. Includes station names, coordinates, and status.

IDC 26 18:14:45.2,0.6, 4.72N, 93.92E, mb4.5/17, mb1 4.6/18, mb1mx4.5/25, ML4.4/1, Error ellipse: s-maj=28.4km

s-min=15.0km az=44.0, NEIC 26 18:14:49.5,0.4, 4.91N, 94.09E, h30km, mb4.8/10, Error ellipse: s-maj=12.1km s-min=9.4km az=69.0

BJI 26 18:14:49.0, 4.65N, 93.84E, h41km, mb4.7

ISC 26 18:14:47.6, 0.4, 4.63N, 0.08, 93.93E, 0.09, h30km, n40, 0.073/37, mb4.6/29, 1C, Off west coast of northern Sumatra

Main table for IDC 26 18:14:45.2,0.6, 4.72N, 93.92E, mb4.5/17, mb1 4.6/18, mb1mx4.5/25, ML4.4/1. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:14:54.2,0.8, 4.50N, 94.03E, mb4.4/8, mb1 4.6/9, mb1mx4.3/21, ML4.8/1, Error ellipse: s-maj=37.4km

s-min=19.8km az=43.0, Off west coast of northern Sumatra

Main table for IDC 26 18:14:54.2,0.8, 4.50N, 94.03E, mb4.4/8, mb1 4.6/9, mb1mx4.3/21, ML4.8/1. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:15:59.7, 1.0, 3.95N, 95.61E, mb4.3/10, mb1 4.5/10, mb1mx4.2/22, Error ellipse: s-maj=52.6km s-min=17.3km

az=47.0, ISC 26 18:16:02.9, 0.9, 4.0N, 0.2, 95.7E, 0.3, h33km, n10, 0.056/10, mb4.4/10, Northern Sumatra

Main table for IDC 26 18:15:59.7, 1.0, 3.95N, 95.61E, mb4.3/10, mb1 4.5/10, mb1mx4.2/22. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

Table with columns: AKASG, FINES, GERES. Includes station names, coordinates, and status.

IDC 26 18:16:09.9, 0.9, 2.67N, 94.34E, mb4.2/8, mb1 4.4/9, mb1mx4.2/19, ML4.7/1, Error ellipse: s-maj=60.5km

s-min=19.9km az=46.0, Off west coast of northern Sumatra

Main table for IDC 26 18:16:09.9, 0.9, 2.67N, 94.34E, mb4.2/8, mb1 4.4/9, mb1mx4.2/19, ML4.7/1. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:16:51.9, 0.7, 3.41N, 94.04E, mb4.6/14, mb1 4.7/15, mb1mx4.6/21, Error ellipse: s-maj=32.1km s-min=15.7km

az=59.0, NEIC 26 18:16:56.0, 6.5, 3.37N, 94.10E, h28km, 45km, mb4.8/9, Error ellipse: s-maj=22.6km s-min=8.8km az=59.0

BJI 26 18:16:55.2, 3.15N, 94.02E, h42km, mb5.0

ISC 26 18:16:54.0, 7.5, 3.34N, 0.07, 94.05E, 1.0, h33km, n33, 0.098/32, mb4.7/25, 1C, Off west coast of northern Sumatra

Main table for IDC 26 18:16:51.9, 0.7, 3.41N, 94.04E, mb4.6/14, mb1 4.7/15, mb1mx4.6/21. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:16:54.9, 2.5, 44.83N, 102.78E, mb3.6/4, mb1 3.9/5, mb1mx3.6/21, ML4.2/1, Error ellipse: s-maj=50.6km

s-min=20.6km az=154.0, Mongolia

Main table for IDC 26 18:16:54.9, 2.5, 44.83N, 102.78E, mb3.6/4, mb1 3.9/5, mb1mx3.6/21, ML4.2/1. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

KRSC 26 18:19:42.8, 0.0, 50.44N, 153.45E, h455km, 12km, ML4.0

IDC 26 18:19:49.9, 0.8, 51.44N, 0.1, 152.9E, 0.2, h398km, 10km, n27, 0.182/31, mb3.2/7, Northwest of Kuril Islands

Main table for IDC 26 18:19:42.8, 0.0, 50.44N, 153.45E, h455km, 12km, ML4.0. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

Table with columns: ZLN, CIRR, KLY, SVLR, KBG, KRUB, ASAJ, INK, YKA, BVAR, FINES, NOA, AKASG, TXAR. Includes station names, coordinates, and status.

IDC 26 18:20:56.8, 1.8, 4.33S, 142.19E, mb4.3/2, mb1 4.6/3, mb1mx4.0/18, Error ellipse: s-maj=41.0km

s-min=20.2km az=52.0, Nicobar Islands region

Main table for IDC 26 18:20:56.8, 1.8, 4.33S, 142.19E, mb4.3/2, mb1 4.6/3, mb1mx4.0/18. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:26:13.1, 1.0, 7.58N, 93.70E, mb4.1/9, mb1 4.2/10, mb1mx4.0/18, Error ellipse: s-maj=41.0km

s-min=20.2km az=52.0, Nicobar Islands region

Main table for IDC 26 18:26:13.1, 1.0, 7.58N, 93.70E, mb4.1/9, mb1 4.2/10, mb1mx4.0/18. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:26:17.0, 2.1, 3.98S, 104.14E, mb4.1/5, mb1 4.3/5, mb1mx3.9/5, Error ellipse: s-maj=99.5km

s-min=25.3km az=53.0, Southern Sumatra

Main table for IDC 26 18:26:17.0, 2.1, 3.98S, 104.14E, mb4.1/5, mb1 4.3/5, mb1mx3.9/5. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

IDC 26 18:29:27.3, 0.7, 8.12N, 92.27E, mb4.2/18, mb1 4.3/19, mb1mx4.3/22, ML4.6/1, MS4.5/1, Ms1 4.7/1, ms1mx3.3/27,

Error ellipse: s-maj=29.2km s-min=15.5km az=45.0

NEIC 26 18:28:31.8, 0.4, 8.06N, 92.20E, h30km, mb5.0/18, Error ellipse: s-maj=11.6km s-min=5.5km az=201.0

BJI 26 18:29:33.0, 8.10N, 92.20E, h30km, mb5.3, mb4.8, Ms4.9, Ms2.6

ISC 26 18:29:29.0, 4.8, 0.40N, 0.06, 92.19E, 0.05, h30km, n91, 0.15/91, mb4.7/41, MS4.7/3, 1C-1D, Nicobar Islands region

Main table for IDC 26 18:29:27.3, 0.7, 8.12N, 92.27E, mb4.2/18, mb1 4.3/19, mb1mx4.3/22, ML4.6/1, MS4.5/1, Ms1 4.7/1, ms1mx3.3/27. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC.

Table with columns: VIS, CAL, CAL, CAL, TRD, TRD. Includes station names, coordinates, and status.

Table with columns: HYB, HYB, SHL, SHL, SHL. Includes station names, coordinates, and status.

Table with columns: MNGI, MNGI, AKL, AKL. Includes station names, coordinates, and status.

Table with columns: GOA, KMI, KMI, KMI, KMI. Includes station names, coordinates, and status.

Table with columns: KMI, KMI, KMI, KMI. Includes station names, coordinates, and status.

Table with columns: QAD, QAD, QIZ, QIZ, PKI, PKI, GUN, GUN, POO, POO. Includes station names, coordinates, and status.

Table with columns: KKN, KMI, BHPL, BHPL. Includes station names, coordinates, and status.



Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GKN Gorkha, KOLN Koldanda, LSA Lhasa, BOM Bombay, GYA Guiyang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TSI Tuntungan, CM31 Chiang Mai Arr, UBT Ubolrachathani, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CN2, WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, etc.



Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like ELDT Eldivan, BALT Spigovoyuk, and various international stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like DAG Danmarks Havn, VDA Vanda, and various international stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like GERES GERESE Array B, BRG Berggiesshuel, and various international stations.







Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Malin Array Be, Stephens Creek, etc.

IDC 26 18:57:06.7, 2.8, 5.71N, 93.23E, h34km, mb4.2/9, mb1.4, 3.9, mb1mx4.0/20, Error ellipse: s-maj=71.9km s-min=51.7km az=135.0

ISC 26 18:57:05.2, 5.8, 5.8N, 93.8E, 0.7, h35km, h35km, 1.4km, pp-P, n12, c0649/10, mb4.3/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Songo Array, Zalesovo, Borovoye Array, etc.

BJI 26 18:59:19.0, 4.1, 91N, 94.72E, h31km, mb5.6, mb4.9 NEIC 26 18:59:22.8, 0.5, 4.83N, 94.57E, mb4.6/8, Error ellipse: s-maj=16.0km s-min=12.1km az=59.0

IDC 26 18:59:23.1, 0.7, 5.01N, 94.69E, h43km, mb4.3/16, mb1.4, 4/17, mb1mx4.3/23, ML4.3/1, Error ellipse: s-maj=26.9km s-min=12.5km az=42.0

ISC 26 18:59:21.5, 0.5, 4.93N, 0.09, 94.73E, 0.08, h45km, h45km, 2.2km, pp-P, n53, c1610/50, mb4.6/28, 1C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Guiyang, Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yakutsk, Keskin Array B, Malin Array Be, etc.

IDC 26 19:00:53.5, 4.5, 24.19S, 67.11W, h171km, mb3.4/2, mb1.3, 7/5, mb1mx3.5/15, Error ellipse: s-maj=72.7km s-min=26.9km az=8.0

ISC 26 19:00:52.3, 3.5, 24.3S, 67.4W, 0.2, h179km, n7, c1907/8, mb3.5/2, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Limon Verde, Lapaz, Brasilia, etc.

IDC 26 19:02:34.0, 0.7, 6.17N, 93.41E, h28km, mb4.0/11, mb1.4, 1/12, mb1mx4.0/18, ML3.4/1, Error ellipse: s-maj=27.0km s-min=16.2km az=54.0

NEIC 26 19:02:34.2, 0.4, 6.15N, 93.34E, mb4.4/10, Error ellipse: s-maj=9.5km s-min=8.9km az=112.0

BJI 26 19:03:24.1, 0.2, 20N, 93.30E, h29km, mb4.6 ISC 26 19:03:22.3, 0.5, 6.14N, 0.06, 93.32E, 0.06, h29km, h29km, 1.4km, pp-P, n40, c1616/35, mb4.3/22, 1C-3D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Nakhon Sawan, Chiang Mai Arr, Shillong, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Malin Array Be, Muntele Rosu, Lobatze, etc.

BJI 26 19:03:47.5, 3.96N, 94.31E, h36km, mb5.5, mb5.3, Ms5.7, Ms2.6

IDC 26 19:03:49.0, 0.4, 4.13N, 94.30E, h33km, mb5.0/25, mb1.5, 1/26, mb1mx5.0/28, ML4.4/7, Error ellipse: s-maj=16.5km s-min=9.1km az=49.0

MOS 26 19:03:49.3, 1.0, 4.29N, 94.02E, h33km, mb5.8/46, MS5.6/6, Error ellipse: s-maj=12.2km s-min=6.1km az=111.8

NEIC 26 19:03:49.2, 0.1, 4.09N, 94.22E, h30km, mb5.5/58, Error ellipse: s-maj=5.5km s-min=4.3km az=219.0

HRVD 26 19:03:49.2, 0.9, 3.83N, 94.11E, h20km, MW5.5/38, Centroid moment Tensor Solution. LP body waves: s16,c20, Mantle waves: s38,c08; Half duration: 194

West Island 26 19:03:51.4, 7.3N, 94.05E, h33km, mb5.7/7, Error ellipse: s-maj=17.8km s-min=32.9km az=81.0

DJA 26 19:04:12.0, 4.2, 0.3N, 96.58E, h33km, ML6.2/1, Error ellipse: s-maj=17.8km s-min=32.9km az=81.0

ISC 26 19:03:47.6, 0.2, 4.06N, 0.03, 94.29E, 0.03, h33km, h33km, 2.4km, pp-P, n996, c1900/360, mb5.5/123, MS5.5/17, 1C-42D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pallekele, Pandangan, Chiang Mai Arr, etc.

26d 19h

Table with columns for station call letters, frequency, power, and time. Includes stations like KOLD, TANI, CD2, CD2, CD2, etc.

2004 DEC

Table with columns for station call letters, frequency, power, and time. Includes stations like AAK, AAK, AAK, FRU, CHMS, etc.

794

Table with columns for station call letters, frequency, power, and time. Includes stations like ZEI, ZEI, ZEI, SVE, ARU, etc.



Table with columns: ID, Name, Frequency, Bandwidth, SNR, etc. Includes stations like TXI, AKASG, PET, MLR, etc.

Table with columns: Call, Name, Frequency, Bandwidth, SNR, etc. Includes stations like CLL, Colim, CLC, etc.

Table with columns: Code, Station Name, Frequency, Bandwidth, SNR, etc. Includes stations like MSU, NVN, PV10, etc.



GZH	comp=Z,100µm,13.4s,MS6.6	LR	LR		
SJMP	San Jose 28.53 69 eP	P		19 25 51.7 +2.4	
GTG	Tagaytay City 28.90 65 LR			19 37 47.8	
OTR	comp=Z,22µm,19.2s,MS3.8,baz=284,slow=38	P		19 25 52.7 -3.9	
BOAC	Ondangyan 29.34 69 eP	P		19 25 58.4 +0.2	
CD2	Boac 29.51 67 eP	P		19 26 04.5 -2.5	
CD2	Chengdu 29.55 17 P	P		19 30 56.5 +6.4	
CD2		S	AMB		
PAGZ	comp=Z,130nm,1.3s,mb5.5				
AJM	Pagadian 29.67 79 eP	pP		19 26 07.2 -0.9	
AJM	Ajmer 30.11 324 P	P		19 26 05.0 +1.7	
AJM				19 26 24.3	
AJM	comp=Z,171nm,1.6s	eS			
NDI	New Delhi 30.43 330 P	S		19 26 59.2 +0.4	
NDI		S		19 26 05.8 -0.4	
LLP	Lapu-Lapu 30.68 74 eP	S		19 31 05.8 +2.0	
ENH	Enshi 31.11 27 eP	P		19 26 09.9 +1.5	
ENH	comp=Z,39nm,1.2s,mb5.1			19 26 11.0 -1.2	
ENH		LR	LR		
BHJ	comp=Z,82µm,19.0s,MS6.4				
EHJ	Bhuj 31.24 313 eP	P		19 26 18.3 +4.9	
BUPK	Musuan 31.32 79 eP	P		19 31 17.5 +0.8	
DAV	Davao City (W) 31.73 81 eP	P		19 26 22.0 +4.2	
OZH	Quanzhou 32.41 45 P	P		19 26 27.0 +3.4	
OZH	comp=Z,210nm,1.3s,mb5.8	AMB	AMB		
OZH	comp=N,124µm,12.6s,MS6.8	LR	LR		
OZH	comp=E,63µm,13.6s,MS6.8	LR	LR		
OZH	comp=Z,90µm,16.9s,MS6.5	LR	LR		
BHK	Bhakra 33.07 332 eP	P		19 26 45.1 +1.6	
WHN	Wuhan 33.74 33 eP	P		19 26 38.0 +2.9	
WHN	comp=N,30µm,10.7s,MS6.9	LR	LR		
WHN	comp=E,135µm,12.3s,MS6.9	LR	LR		
WHN	comp=Z,104µm,15.3s,MS6.7	LR	LR		
XAN	Xi'an 34.16 22 P	S		19 26 35.8 -2.9	
XAN		S	AMB	19 32 01.0 -1.1	
XAN	comp=Z,21nm,1.3s,mb4.9	AMB	AMB		
XAN	comp=Z,4µm,8.3s	LR	LR		
XAN	comp=N,28µm,14.8s,MS6.5	LR	LR		
XAN	comp=E,55µm,14.8s,MS6.5	LR	LR		
XAN	comp=Z,62µm,17.6s,MS6.4	LR	LR		
LZH	Lanzhou 34.47 14 eP	P		19 26 44.0 +2.7	
LZH		P		19 27 59.8 +2.3	
LZH		eS		19 32 09.0 +2.2	
LZH		eS	SS	19 34 22.3 +3.9	
LZH	comp=Z,389nm,1.4s,mb6.1	AMB	AMB		
LZH	comp=Z,2µm,6.6s	LR	LR		
LZH	comp=E,31µm,15.0s	LR	LR		
LZH	comp=Z,43µm,16.3s,MS6.3	LR	LR		
TATO	Taipei 34.52 48 PFAKE	LR		19 26 50.0 +8.1	
TATO		LR			
MBWA	Marble Bar 34.56 134 PFAKE	LR		19 26 50.0 +7.7	
MBWA	comp=Z,22µm,19.0s,MS6.9	LR	LR		
GTA	Gaotai 36.95 7 P	S		19 32 01.0 -1.3	
GTA		S		19 32 43.8 -1.1	
GTA		PCS	AMB	19 33 14.3	
GTA	comp=Z,30nm,1.0s,mb5.1	AMB	AMB		
GTA	comp=Z,6µm,8.4s	LR	LR		
GTA	comp=N,17µm,18.6s,MS6.0	LR	LR		
GTA	comp=E,13µm,18.2s,MS6.0	LR	LR		
GTA	comp=Z,19µm,19.0s,MS6.9	LR	LR		
NJ2	Nanjing 37.41 36 eP	P		19 27 04.0 -2.2	
NJ2		PP		19 28 33.5 -0.9	
NJ2		S		19 32 53.0 +0.9	
NJ2	comp=Z,1µm,5.6s	AMB	AMB		
NJ2	comp=N,41µm,15.4s,MS6.5	LR	LR		
NJ2	comp=E,51µm,16.0s,MS6.5	LR	LR		
NJ2	comp=Z,82µm,15.1s,MS6.7	LR	LR		
SSE	Sheshan 38.19 39 P	P		19 27 15.0 +2.4	
SSE		S		19 33 11.0 +7.4	
SSE	comp=Z,41nm,0.9s,mb5.2	AMB	AMB		
SSE	comp=Z,4µm,10.6s	LR	LR		
SSE	comp=N,48µm,14.0s,MS6.6	LR	LR		
SSE	comp=E,38µm,14.0s,MS6.6	LR	LR		
SSE	comp=Z,53µm,14.1s,MS6.5	LR	LR		
TIA	Tai'an 39.61 30 P	S		19 27 28.3 +3.7	
TIA		S		19 33 34.0 +8.5	
TIA	comp=N,14µm,13.8s,MS6.3	LR	LR		
KSH	comp=E,24µm,12.9s,MS6.3	LR	LR		
KSH	Kashi 40.18 338 P	P		19 27 34.5 +5.2	
KSH		eAP		19 27 45.0 +7.0	
KSH		eXP		19 27 47.5 +5.8	
KSH		ePP		19 29 11.5 +6.2	
KSH		S		19 33 40.0 +6.1	
KSH		XS		19 33 54.4 +6.1	
KSH		SS		19 36 31.3 +4.7	
KSH	comp=Z,3µm,5.4s	LR	LR		
KSH	comp=N,23µm,16.7s,MS6.4	LR	LR		
KSH	comp=E,32µm,12.9s,MS6.4	LR	LR		
JOW	Kunigami 40.66 51 P	P		19 27 34.4 +1.1	
JOW	comp=E,22nm,0.7s,mb4.9,baz=291,slow=11,SNR=7.3	LR		19 46 30.3	
JOW	comp=E,18µm,18.8s,MS6.0,baz=236,slow=40	P		19 27 37.0 -0.4	
HHC	Hu-ho-hao-te 41.17 20 P	P		19 27 46.6 +0.7	
HHC		AP		19 29 13.0 -2.4	
HHC		S		19 33 41.0 -7.6	
HHC		SCS		19 37 40.0 +2.6	
HHC	comp=Z,7µm,6.1s	LR	LR		
HHC	comp=N,31µm,15.4s,MS6.7	LR	LR		
HHC	comp=E,72µm,15.3s,MS6.7	LR	LR		
HHC	comp=Z,50µm,13.0s,MS6.6	LR	LR		
WMQ	Urumqi 41.36 353 P	P		19 27 40.3 +1.4	
WMQ		PP		19 29 18.8 +1.4	
WMQ		PPP		19 29 48.3 +0.3	
WMQ		S		19 33 53.3 +1.9	
WMQ	comp=Z,23nm,0.7s,mb4.9	AMB	AMB		
WMQ	comp=Z,4µm,8.9s	LR	LR		
WMQ	comp=N,24µm,22.1s,MS6.1	LR	LR		
WMQ	comp=E,9µm,19.0s,MS6.1	LR	LR		
NWAO	Narrogin (SRO) 41.66 150 PFAKE	LR		19 27 50.0 +8.5	
NWAO	comp=Z,16µm,19.0s,MS6.9	LR	LR		
BJT	Baijiatou 42.25 25 eP	P		19 27 44.7 -1.6	
BJT	comp=Z,140nm,1.2s	MLR	MLR		

BJT	comp=Z,33µm,20.0s				
Baijiatou	42.25 25 eP	P		19 27 44.7 -1.6	
BJT	comp=Z,136nm,1.3s,mb5.4	LR	LR		
BJT	comp=Z,33µm,20.0s,MS6.2	LR	LR		
Beijing	42.27 25 P	AMB	AMB	19 27 46.5 0.0	
BJI	comp=Z,22nm,1.8s,mb4.5	LR	LR		
BJI	comp=N,31µm,19.1s,MS6.4	LR	LR		
BJI	comp=E,33µm,17.3s,MS6.4	LR	LR		
BJI	comp=Z,25µm,23.0s	LR	LR		
AAK	Ala-Archa 43.45 339 P	P		19 27 56.2 +0.2	
AAK		pmax			
AAK	comp=Z,58nm,1.9s,mb5.0	MLR	MLR		
AAK	comp=Z,16µm,19.0s,MS6.9	MLR	MLR		
AAK	Ala-Archa 43.45 339 P	P		19 27 56.2 +0.2	
AAK		LR	LR		
DL2	comp=Z,5µm,20.0s,MS6.4	P		19 28 02.3 +2.0	
DL2		S		19 34 37.0 +7.3	
DL2		AMB	AMB		
DL2	comp=Z,40nm,0.9s,mb5.2	AMB	AMB		
DL2	comp=Z,3µm,7.1s	LR	LR		
DL2	comp=N,17µm,19.0s,MS6.2	LR	LR		
DL2	comp=E,16µm,16.4s,MS6.2	LR	LR		
DL2	comp=Z,15µm,20.4s,MS6.9	LR	LR		
WRA	Warramunga Arr 45.50 121 P	P		19 28 11.8 -1.0	
WRA	comp=Z,31nm,0.8s,mb5.2,baz=298,slow=9.0,SNR=9.2	P		19 28 11.8 -1.0	
WRA	Warramunga Arr 45.50 121 P	P		19 28 11.8 -1.0	
WRA		pmax			
WRAB	Tennant Creek 45.51 121 P	MLR		19 28 12.7 -0.1	
WRAB		P			
WRAB	comp=Z,6µm,19.0s,MS6.5	MLR	MLR		
WRAB	Tennant Creek 45.51 121 eP	P		19 28 12.1 -0.8	
WRAB	comp=Z,342nm,1.4s,mb6.1	LR	LR		
WRAB	comp=Z,6µm,19.0s,MS6.5	LR	LR		
INCN	Incho 45.77 37 P	P		19 28 15.1 +0.3	
INCN	comp=Z,280nm,1.6s,mb5.9	LR	LR		
INCN	comp=Z,24µm,19.0s,MS6.2	LR	LR		
SOMN	Songino Array 46.24 12 P	P		19 28 15.8 -2.5	
SOMN	comp=Z,14nm,0.7s,mb5.0,baz=190,slow=8.0,SNR=19	P		19 28 18.8 -0.8	
ULN	Ulanbaatar 46.40 12 eP	P		19 28 18.8 -0.8	
ULN		pmax			
ULN	comp=Z,23nm,0.9s,mb5.1	MLR	MLR		
ULN	comp=Z,21µm,20.0s,MS6.1	MLR	MLR		
ULN	Ulanbaatar 46.40 12 eP	P		19 28 16.8 -2.8	
ULN	comp=Z,23nm,0.8s,mb5.2	LR	LR		
ULN	comp=Z,21µm,20.0s,MS6.1	LR	LR		
KS15	Wonju Array Si 46.50 38 eP	P		19 28 20.6 +0.1	
ASAR	Alice Springs 46.81 126 P	P		19 28 22.9 -0.2	
ASAR	comp=Z,18nm,0.8s,mb5.0,baz=301,slow=7.2,SNR=6.8	P		19 29 55.9 -0.5	
ASAR	comp=Z,4.7nm,0.7s,baz=270,slow=3.6,SNR=3.1	P		19 47 47.8	
ASAR		LR	LR		
SNY	Shenyang 47.14 30 P	P		19 28 24.3 -1.2	
SNY	comp=Z,20nm,1.9s,mb4.7	AMB	AMB		
SNY	comp=N,30µm,15.5s,MS6.5	LR	LR		
SNY	comp=E,21µm,15.5s,MS6.5	LR	LR		
SNY	comp=Z,22µm,20.0s,MS6.1	LR	LR		
ZAK	Zakamensk 48.18 8 eP	P		19 28 33.1 -0.4	
ZAK		P		19 35 39.0 +1.1	
MOY	Mody 49.17 6 eP	P		19 28 46.5 +5.4	
TLY	Talaya 49.50 8 eP	P		19 28 43.8 +0.1	
TLY		ePPP		19 31 36.5 +3.2	
TLY		eS		19 35 51.2 +3.1	
TLY	comp=Z,198nm,2.2s,mb5.8	pmax	pmax		
TLY	comp=Z,18µm,20.0s,MS6.1	MLR	MLR		
TLY	Talaya 49.50 30 P	P		19 28 45.6 +1.9	
CN2	Changchun 49.52 30 eP	P		19 28 45.0 +1.1	
CN2		eS		19 35 50.8 +2.3	
CN2	comp=Z,20nm,1.3s,mb5.0	AMB	AMB		
CN2	comp=N,40µm,12.0s,MS6.8	LR	LR		
CN2	comp=E,40µm,12.0s,MS6.8	LR	LR		
CN2	comp=Z,34µm,15.0s,MS6.5	LR	LR		
IRK	Irkutsk 50.14 8 eP	P		19 28 48.4 -0.1	
HIA	Hailar 51.35 21 eP	P		19 28 57.1 -0.7	
HIA	comp=Z,27nm,0.9s	pmax	pmax		
HIA	comp=Z,68µm,19.0s	MLR	MLR		
HIA	Hailar 51.35 21 P	P		19 28 54.5 -3.3	
HIA	comp=Z,27nm,0.8s,mb5.2	LR	LR		
GUMO	Guam 51.38 75 PFAKE	LR		19 29 10.0 +1.2	
GUMO	comp=Z,19µm,19.0s,MS6.1	LR	LR		
ZAL	Zalesovo 51.66 353 P	P		19 28 57.6 -2.5	
ZAL	comp=Z,13nm,0.7s,mb5.0,baz=305,slow=6.1,SNR=16	P		19 28 57.6 -2.5	
ZAL	Zalesovo 51.66 353 P	P		19 28 57.6 -2.5	
ZAL					









Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

BUI 26:19:42:59.4, 6.24N:93.16E, h55km, mb4.5
IDC 26:19:43:00.7, 0.6, 6.67N:92.80E, h23km, mb4.0/1.7, mb1.4/2.18, mb1mx4.1/24, ML4.3/9.1, Error ellipse: s-maj=28.5km s-min=13.5km az=44.0

NEIC 26:19:43:01.8, 0.4, 6.65N:92.86E, h30km, mb4.6/8, Error ellipse: s-maj=1.0km s-min=9.5km az=98.0
ISC 26:19:42:59.7, 0.4, 6.69N:92.07, h33km, n10, h31km, 2.0km, pP-P, n40, r109/37, mb4.3/27, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, GYA Guiyang, etc.

IDC 26:19:47:44.3, 1.0, 9.34N:94.23E, mb4.0/9, mb1.4/1.10, mb1mx3.9/20, ML3.9/1, Error ellipse: s-maj=48.8km s-min=21.0km az=49.0
ISC 26:19:47:48.3, 0.9, 9.6N:101.94E:0.2, h33km, n10, 0.594/10, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warrungama Arr, etc.

IDC 26:19:49:27.9, 0.9, 8.56N:92.39E, h29km, 5km, mb3.7/5,

mb1.3/9.6, mb1mx3.8/16, ML4.1/1, Error ellipse: s-maj=34.5km s-min=15.5km az=54.0
NEIC 26:19:49:28.0, 0.7, 8.56N:92.54E, h30km, mb4.4/6, Error ellipse: s-maj=19.4km s-min=10.8km az=63.0
ISC 26:19:49:26.0, 0.9, 8.6N:101.92E:0.2, h23km, h23km, 2.0km, pP-P, n15, 0.683/12, mb4.2/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

IDC 26:19:50:06.7, 1.0, 6.70N:93.25E, mb4.1/10, mb1.4/3/11, mb1mx4.1/21, ML4.2/1, Error ellipse: s-maj=48.4km s-min=20.4km az=47.0
ISC 26:19:50:10.1, 0.9, 6.7N:102.933E:0.2, h33km, n11, 0.555/11, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 26:19:51:46.0, 4.8, 2.10S:178.05W, h506km, 51km, mb4.1/10, mb1.3/7.10, mb1mx3.5/16, Error ellipse: s-maj=70.2km s-min=18.6km az=154.0
NEIC 26:19:51:47.5, 3.4, 2.29S:178.09W, h530km, 38km, mb4.1/5, Error ellipse: s-maj=29.2km s-min=13.9km az=150.0
ISC 26:19:51:46.8, 0.6, 2.20S:0.2, 178.1W:0.2, h530km, n35, 0.68/20, mb3.9/15, 1C, Fiji Islands region

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

IDC 26:19:55:14.0, 2.1, 11.55N:92.21E, h24km, 3km, mb4.3/21, mb1.4/22, mb1mx4.4/25, ML4.1/1, MS5.2/1, Ms1.5/2/1, s-maj=1mx3.7/27, Error ellipse: s-maj=23.0km s-min=10.6km az=49.0
NEIC 26:19:55:14.0, 2.1, 11.62N:92.32E, mb4.7/16, Error ellipse: s-maj=8.4km s-min=7.2km az=56.0
BUI 26:19:55:14.0, 12.01N:91.94E, h2km, mb4.6
ISC 26:19:55:13.1, 0.4, 11.62N:92.05, 93.33E:0.06, h26km,

h26km, 4km, pP-P, n78, 0.681/73, mb4.5/37, MS5.2/1, 1C, 1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Pulchoki, etc.



Table of satellite data for 2004 DEC, including columns for station name, time, and various parameters. Includes sub-sections for Andaman Islands region and northern Sumatra.

Table of satellite data for 2004 DEC, including columns for station name, time, and various parameters. Includes sub-sections for Andaman Islands region and northern Sumatra.

Table of satellite data for 2004 DEC, including columns for station name, time, and various parameters. Includes sub-sections for Andaman Islands region and northern Sumatra.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like NJ2 Nanjing, HHC Hu-ho-hao-te, etc.

IDC 26:20:21.23:0.9, 5.15N-93.17E, mb4.1/11, mb1 4.3/12, mb1 mx4.1/19, Error ellipse: s-maj=42.6km s-min=17.0km

NEIC 26:20:21.28:0.5, 5.19N-93.25E, h30km, mb4.6/4, Error ellipse: s-maj=15.5km s-min=8.5km az=62.0

ISC 26:20:21.26:0.7, 5.2N-0.1, 1.933E-0.1, h30km, n19, c070/17, mb4.2/14, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, COCO West Island, LSA Lhasa, etc.

IDC 26:20:24:12.1±0.8, 10.26N-93.59E, mb4.2/15, mb1 4.3/16, mb1 mx4.2/23, ML3.4/1, Error ellipse: s-maj=36.8km s-min=14.6km az=50.0

NEIC 26:20:24:16.8±0.4, 10.25N-93.62E, h30km, mb4.7/5, Error ellipse: s-maj=14.9km s-min=7.8km az=55.0

ISC 26:20:24:14.8±0.6, 10.28N-0.10, 93.7E±0.1, h30km, n23, c070/23, mb4.3/19, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, AAK Ala-Archa, etc.

IDC 26:20:29:57.7±0.9, 8.99N-93.56E, h33km, mb3.7/13, mb1 3.8/13, mb1 mx3.7/20, Error ellipse: s-maj=38.4km s-min=18.6km az=47.0

NEIC 26:20:29:57.8±0.5, 8.94N-93.59E, mb4.4/5, Error ellipse: s-maj=27.0km s-min=10.4km az=53.0

ISC 26:20:29:55:0.7, 8.8N-0.1, 93.5E±0.2, h35km, h35km±1.0km, pp-P, n30, c0584/28, mb4.0/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like PKI Pulchoki, DMN Daman, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, CHVK Chkalovo, etc.

BUI 26:20:34:28.6±1.7, 0.05N-93.53E, h21km, mb4.5 s-maj=31.0km s-min=14.0km az=52.0

NEIC 26:20:34:37.0±1.2, 0.41N-93.55E, mb4.3/5, Error ellipse: s-maj=13.5km s-min=8.0km az=59.0

ISC 26:20:34:35.1±0.6, 7.8N-0.0, 93.9E±0.1, h22km, h22km±1.1km, pp-P, n32, c0580/31, mb4.3/23, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Pulchoki, etc.

IDC 26:20:37:07.5±1.2, 12.58N-92.43E, h21km, mb4.0/12, mb1 4.0/13, mb1 mx3.9/21, ML3.5/1, MS4.5/1, Ms1 4.5/1, ms1 mx3.1/25, Error ellipse: s-maj=36.3km s-min=24.0km az=46.0

NEIC 26:20:37:09.7±0.5, 12.96N-92.36E, mb4.2/3, Error ellipse: s-maj=11.3km s-min=9.8km az=49.0

ISC 26:20:37:09.0±0.6, 12.99N-0.08, 92.47E±0.07, h23km, h23km±1.0km, pp-P, n23, c0598/23, mb4.0/15, MS4.5/1, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

IDC 26:20:40:33.3±0.6, 5.18N-93.22E, h23km, mb4.0/14, mb1 4.2/15, mb1 mx4.0/22, ML4.0/1, MS4.5/2, Ms1 4.5/2, ms1 mx3.3/27, Error ellipse: s-maj=28.3km s-min=11.3km

NEIC 26:20:40:32.0±0.3, 5.18N-93.29E, mb4.3/7, Error ellipse: s-maj=10.8km s-min=7.9km az=66.0

BUI 26:20:40:33.1±1.5, 20N-93.30E, h24km, mb4.6/9

ISC 26:20:40:30.9±0.5, 5.14N-0.08, 93.27E±0.09, h23km, h23km±1.0km, pp-P, n40, c0592/36, mb4.3/26, MS4.6/2, 2C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.















Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pinedale Array, Troy Canyon, Trail Mountain, etc.

CSEM 26.21:11.15.3.0.1, 36.03N-28.17E, h94km, 1km, mb4.0/6, Mw3.7, Error ellipse: s-maj=1.9km s-min=1.2km az=37.0

ISC 26.21:11.17.4.2.0.3, 36.39N-27.77E, h51km, 2.7km, mb3.5/2, m1.3/9.5, mb1mx3.5/20, ML3.3/3, Error ellipse: s-maj=52.9km s-min=9.8km az=148.0

NEIC 26.21:11.17.4.36.08N-27.98E, h82km, mb3.9/6, Alter ATH. ATH 26.21:11.17.3.36.05N-28.03E, h82km, 3km

ISC 26.21:11.17.4.36.17N-27.94E, h88km, MD3.8, ML3.8

ISC 26.21:11.22.4.0.3, 36.02N-28.42E, h25km, mb4.4, ML4.0, MW3.4

ISC 26.21:11.16.3.0.2, 36.05N-0.03-28.07E, 0.03, h97km, 4km, n113, o1913/143, mb3.6/3, 1C-1D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from ARG Arhangelos to KAMT Kaman.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from KAMT Kaman to ESDC Sonseca Array.

NEIC 26.21:13.44.9.39.81N-120.79W, h4km, ML3.8(NCEDC), After NCEDC, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from OHCM Honcut to SRU San Rafael.

ISC 26.21:16.37.1.3.0, 1.08N-93.74E, mb4.1/3, mb1 4/3, mb1mx3.7/16, Error ellipse: s-maj=328.0km s-min=32.5km az=43.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from ASAR Alice Springs to GERES GERRSS Array B.

ISC 26.21:17.44.5.11.0, 23.94S-179.79E, h525km, 134km, mb3.7/5, mb1 4.0/5, mb1mx3.6/13, Error ellipse: s-maj=83.8km s-min=51.3km az=163.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from CTA Charters Tower to WRA Warramunga Arr.

ISC 26.21:18.23.2.1.4, 3.95N-94.66E, mb3.8/7, mb1 4/0/8, mb1mx3.8/19, ML3.8/1, Error ellipse: s-maj=70.7km s-min=22.2km az=52.0

NEIC 26.21:18.27.8.0.6, 3.97N-94.72E, h30km, mb4.3/2, Error ellipse: s-maj=23.3km s-min=10.7km az=58.0

ISC 26.21:18.25.8.0.8, 3.9N-101.947E, h20km, n14, o0911/13, mb3.9/9, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from CMAR3 Chiang Mai Arr to WRAB Tennant Creek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from ASAR Alice Springs to TXAR Lajitas Array.

ISC 26.21:19.26.1.0.5, 4.26N-97.84E, mb4.6/21, mb1 4.7/22, mb1mx4.7/24, ML3.7/1, Error ellipse: s-maj=24.5km s-min=11.4km az=50.0

NEIC 26.21:19.30.8.0.3, 4.23N-97.81E, h30km, mb4.9/14, Error ellipse: s-maj=9.6km s-min=7.0km az=68.0

Bull 26.21:19.30.5.4, 4.52N-97.09E, h16km, mb5.4, mb4.7, Ms5.3, ISC 26.21:19.28.6.2.9, 4.17N-100.067E, h25km, 20km, h15km, 2.7km, pp-P, n78, o126/75, mb4.7/43, MS5.2/1, 2C, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from SNG Songkhla to NOA NORARS Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NORSTAR Array B, La Plagne, Vanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIMBO Kilima Mbogo, BRTR Keskin Array B, AKASO Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGY Tagay City, WHN Wuhan, WNO Wuhan, etc.

IDC 26.21:19.50.7z2.6, 8.04N-92.07E, mb4.1/7, mb1 4.3/7, mb1mx4.0/19, Error ellipse: s-maj=72.3km s-min=53.7km az=17.0

NEIC 26.21:19.55.1z2, 8.08N-92.09E, h30km, mb4.4/3, Error ellipse: s-maj=30.7km s-min=27.3km az=59.0

ISC 26.21:19.54.3z2.2, 8.1N-92.02E, h30km, n14, 0.673/13, mb4.2/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI Kunming, LSA Lhasa, AAK Ala-Archa, etc.

FINES FINESS Array B 71.12 332 P P 21 31 57.5 -0.8

MORC Moravsky Berou 74.49 319 eP P 21 32 12.2 -0.3

ZST Bratislava 73.62 318 eP P 21 32 14.0 +0.8

ARCES ARCES Array B 73.91 340 P P 21 32 13.9 -0.6

DPCS Dobruska-Polom 74.53 320 eP P 21 32 18.0 +0.7

KSP Kszaz 74.60 320 eP P 21 32 18.3 +0.6

UPJ Ujpec 74.54 320 eP P 21 32 18.7 +0.2

PRU Pruhonice 75.46 319 eP P 21 32 23.6 -0.1

BRG Berggiesshobel 75.89 320 eP P 21 32 26.2 0.0

BRG Berggiesshobel 75.89 320 eP P 21 32 26.2 0.0

GERES GERES Array B 76.21 318 P P 21 31 30.9 +0.6

ARCES ARCES Array B 76.21 318 P P 21 31 30.9 +0.6

ARCES ARCES Array B 76.21 318 P P 21 31 30.9 +0.6

GERES GERES Array B 76.21 318 P P 21 31 30.9 +0.6

ILAR Eielson Array 95.31 22 P P 21 33 15.6 -0.8

INK Inuvik 97.33 16 P P 21 33 26.6 +1.0

PDAR Pinedale Array 125.19 PPK PKP P 21 38 55.0 -3.5

FINES FINESS Array B 71.12 332 P P 21 31 57.5 -0.8

MORC Moravsky Berou 74.49 319 eP P 21 32 12.2 -0.3

ZST Bratislava 73.62 318 eP P 21 32 14.0 +0.8

ARCES ARCES Array B 73.91 340 P P 21 32 13.9 -0.6

DPCS Dobruska-Polom 74.53 320 eP P 21 32 18.0 +0.7

KSP Kszaz 74.60 320 eP P 21 32 18.3 +0.6

UPJ Ujpec 74.54 320 eP P 21 32 18.7 +0.2

PRU Pruhonice 75.46 319 eP P 21 32 23.6 -0.1

BRG Berggiesshobel 75.89 320 eP P 21 32 26.2 0.0

BRG Berggiesshobel 75.89 320 eP P 21 32 26.2 0.0

GERES GERES Array B 76.21 318 P P 21 31 30.9 +0.6

ARCES ARCES Array B 76.21 318 P P 21 31 30.9 +0.6

ARCES ARCES Array B 76.21 318 P P 21 31 30.9 +0.6

GERES GERES Array B 76.21 318 P P 21 31 30.9 +0.6

ILAR Eielson Array 95.31 22 P P 21 33 15.6 -0.8

INK Inuvik 97.33 16 P P 21 33 26.6 +1.0

PDAR Pinedale Array 125.19 PPK PKP P 21 38 55.0 -3.5

IDC 26.21:20.37.7z0.6, 8.56N-92.08E, mb4.7/22, mb1 4.8/23, mb1mx4.8/24, ML4.7/1, Error ellipse: s-maj=22.7km s-min=16.0km az=58.0

BUI 26.21:20.41.1, 8.27N-92.05E, h42km, mb5.5, mb5.1, Ms5.4, Msz5.4

NEIC 26.21:20.42.3z0.3, 8.58N-92.14E, h30km, mb4.9/16, Error ellipse: s-maj=8.1km s-min=7.1km az=80.0

MOS 26.21:20.44.2z0.7, 8.99N-91.85E, h30km, mb5.0/10, Error ellipse: s-maj=32.3km s-min=10.9km az=116.5

ISC 26.21:20.40.7z0.4, 8.58N-92.06E, h30km, n13, h30km, 1.0km, pp-P, n83, 0.999/79, mb4.8/40, MS5.3/1, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

DBIC Dimbokro 95.79 278 eP P 21 34 07.9 +1.6

YKA Yellowknife Arr 106.21 13 PP PP 21 39 13.1 -5.6

ULM Lac du Bonnet 121.01 6 PKP PKP P 21 39 32.4 -3.4

PDAR Pinedale Array 125.19 PPK PKP P 21 39 40.9 -3.2

NVAR Mina Array Baa 125.25 29 PPK PKP P 21 39 42.8 -1.6

LVC Lima Verde 156.99 230 PKP P 21 41 07.0 +0.4

LPAZ La Paz 159.19 246 PKP P 21 41 16.7 +0.5

YKA Yellowknife Arr 106.21 13 PP PP 21 39 13.1 -5.6

ULM Lac du Bonnet 121.01 6 PKP PKP P 21 39 32.4 -3.4

PDAR Pinedale Array 125.19 PPK PKP P 21 39 40.9 -3.2

NVAR Mina Array Baa 125.25 29 PPK PKP P 21 39 42.8 -1.6

LVC Lima Verde 156.99 230 PKP P 21 41 07.0 +0.4

LPAZ La Paz 159.19 246 PKP P 21 41 16.7 +0.5

ISC 26.21:20.44.4z1.1, 8.30N-91.69E, mb5.1/7, mb1 5.1/8, mb1mx4.7/20, ML4.8/1, Error ellipse: s-maj=37.7km s-min=23.5km az=64.0

ISC 26.21:20.48.6z0.8, 8.5N-91.1.91.8E, 0.1, h30km, n23, 0.1508/21, mb4.9/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Pulchok, etc.

CMAR Chiang Mai Arr 12.10 34 Pn P 21 23 41.1 -0.6

CMAR Chiang Mai Arr 12.10 34 Pn P 21 23 41.1 -0.6

PKI Pulchok 19.95 343 eP P 21 25 19.5 -1.3

DUN Daman 20.08 342 eP P 21 25 21.0 -1.1

GJM Gungah 20.15 345 eP P 21 25 24.1 +1.3

KKN Kakani 20.20 343 eP P 21 25 22.3 -1.1

GJK Gorkha 20.39 342 eP P 21 25 28.5 +1.0

GON Kunjani 20.53 37 P P 21 28 15.1 +1.0

SONM Songoing Array 41.14 15 P P 21 28 32.4 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

ZAL Zalesovo 50.47 124 P P 21 29 09.3 +1.1

BOYT Boyabat 64.56 314 iP P 21 36 03.5 -4.8

BALT Daday 65.66 314 iP P 21 36 10.7 -4.8

IDI Anoyia 66.46 305 P P 21 36 48.5 +0.2

AKASO Malin Array Baa 71.04 322 P P 21 36 47.4 -1.4

LBTA Lobatse 73.34 242 eP P 21 37 04.3 +1.5

BOSO Boshof 74.50 239 eP P 21 37 07.5 -2.0

FINES FINESS Array B 75.81 332 P P 21 37 15.8 -0.6

KAF Kangasniemi 75.90 333 P P 21 37 16.1 -0.7

QJC Oljok 76.82 320 eP P 21 37 22.9 +0.7

ARCES ARCES Array B 78.45 340 P P 21 37 31.3 +0.5

GERES GERES Array B 80.62 319 P P 21 37 44.5 +1.6

KHC Kasperske Hory 80.72 319 eP P 21 37 44.0 +0.5

DAVOX Davos 83.12 316 P P 21 37 58.0 +2.0

ESDC Sonseca Array 93.75 310 P P 21 38 49.0 +1.9

ILAR Eielson Array 97.41 22 P P 21 39 03.9 +0.7

INK Inuvik 99.48 16 P P 21 39 25.1 +1.1

ULM Lac du Bonnet 121.01 6 PKP PKP P 21 41 28.1 -5.1

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.37 125 eP P 21 29 35.6 -2.0

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

WRA Warramunga Arr 50.47 124 P P 21 29 43.9 -1.8

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ANMO Albuquerque 135.75 25 PPK PKP P 21 44 50.7 -4.3

ARU Kislodovsk 55.41 318 eP P 21 30 15.5 -1.2

ARU Kislodovsk 55.41 318 eP P 21 30 15.5 -1.2

ARU Kislodovsk 55.41 318 eP P 21 30 15.5 -1.2

ISC 26.21:21.30.8z1.4, 4.10N-92.43E, mb4.7/8, mb1 4.8/9, mb1mx4.4/24, MS4.6/1, ML4.6/1, ML4.6/1, ML4.6/1, Error ellipse: s-maj=52.0km s-min=28.7km az=45.0

BUI 26.21:21.32.0z1.4, 4.10N-92.60E, h30km, mb4.5

NEIC 26.21:21.34.1z1.0, 4.05N-92.64E, h30km, mb4.7/4, Error ellipse: s-maj=25.5km s-min=19.7km az=59.0

ISC 26.21:21.33.6z0.8, 4.2N-91.1.92.8E, 0.1, h30km, n26, 0.1537/23, mb4.6/12, MS4.5/1, 3C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.











Table with columns: ILAR, INK, PDAR, comp-Z, 1.3nm, 0.7s, mb4.4, baz=62, slow=4.1, SNR=6.7, etc.

IDC 26:22:22.05.6.1.2, 8.65N-92.22E, h23km, 5km, mb3.7/6, mb1.3/0.7, mb1mx3.7/10, Error ellipse: s-maj=41.7km s-min=16.4km az=60.0

NEIC 26:22:05.1.0.5, 8.71N-92.14E, mb4.4/5, Error ellipse: s-maj=11.1km s-min=8.3km az=48.0

BUI 26:22:05.2.8.77N-92.42E, h23km, mb4.2

ISC 26:22:03.2.0.8, 8.64N-10.92.20E, 0.08, h23km, h23km, 1.1km, p-P, n17, of=58/18, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CM31 Chiang Mai Arr, 11.75 33 Op P, 22 34 18.9 +0.3, etc.

IDC 26:22:25.04.7.2.0, 6.52S-103.41E, mb4.2/7, mb1.4/4.7, mb1mx4.0/16, Error ellipse: s-maj=93.9km s-min=21.3km az=54.0

NEIC 26:22:25.09.8.0.9, 6.33S-103.67E, h30km, mb4.4/3, Error ellipse: s-maj=39.1km s-min=9.7km az=52.0

ISC 26:22:25.08.6.1.0, 6.25S-102.103.9E, 0.2, h30km, n22, of=89/21, mb4.5/14, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CM31 Chiang Mai Arr, 25.01 349 Op P, 22 30 30.0 -1.7, etc.

IDC 26:22:27.28.9.2.6, 0.88N-96.28E, mb3.4/4, mb1.3/6.5, mb1mx3.5/17, Error ellipse: s-maj=95.6km s-min=24.1km az=60.0

NEIC 26:22:27.32.7.1.6, 1.04N-96.60E, mb4.0/2, Error ellipse: s-maj=51.4km s-min=12.5km az=66.0

ISC 26:22:27.30.5.1.8, 1.0N-92.96.5E, 0.4, h16km, n8, of=89/8, mb3.6/6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CM31 Chiang Mai Arr, 17.50 8 P, 22 31 34.9 -0.8, etc.

Table with columns: WRA, WRB, WRD, WRA, WRA, ZAL, ZAL, ZAL, ASAR, BVAR, BVAR, ARU, BRTR, AKASO, GERES, DAVOX, comp-Z, 0.9s, mb3.9, baz=191, slow=8.3, SNR=12, etc.

IDC 26:22:32:11.6.3.1, 8.04N-92.87E, mb3.7/3, mb1.3/9.4, mb1mx3.6/18, ML3.8/1, Error ellipse: s-maj=91.0km s-min=32.9km az=69.0, Nicobar Islands region

IDC 26:22:34:05.7.6.6, 3.72N-95.34E, mb3.7/3, mb1.4/0.4, mb1mx3.8/18, Error ellipse: s-maj=206.0km s-min=27.8km az=71.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 11.92 29 Pn P, 22 35 01.8 -4.2, etc.

IDC 26:22:34:50.7.0.7, 4.42S-68.96E, mb4.2/15, mb1.4/2/15, mb1mx4.1/22, MS4.4/13, Ms1.4/4/13, ms1mx4.3/16, Error ellipse: s-maj=32.2km s-min=16.3km az=51.0

NEIC 26:22:34:51.5.0.4, 4.63S-68.91E, h10km, mb4.8/10, Error ellipse: s-maj=13.8km s-min=9.1km az=48.0

BUI 26:22:34:51.5.4.60S-68.90E, h10km, mb5.3, mb4.6

ISC 26:22:34:49.9.0.5, 4.61S-68.82E, 0.09, h10km, n67, of=106/39, mb4.4/29, MS4.5/13, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DGAR Diego Garcia, 4.56 128 Op P, 22 35 56.7 +3.9, etc.

IDC 26:22:38:15.3.2.7, 6.47S-103.64E, mb4.2/5, mb1.4/3/5, mb1mx4.0/16, Error ellipse: s-maj=111.0km s-min=21.4km az=53.0, Southwest of Sumatara

NEIC 26:22:39:14.0.7.1, 7.82N-92.58E, mb4.3/8, mb1.4/5/8, mb1mx4.2/20, Error ellipse: s-maj=186.0km s-min=143.1km az=168.0

ISC 26:22:39:20.6.3.5, 8.04N-92.32E, h30km, mb4.6/3, Error ellipse: s-maj=100.0km s-min=43.0km az=110.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 25.20 349 Op P, 22 43 42.2 -2.2, etc.

Table with columns: ESDC, SNAAS, SNAA, VNSA, VNSA, JMJC, RPZ, YKA, YKA, YKA, PDAR, TMUT, CMB, NVAR, MNV, MIAR, MSU, PV10, RWJ, PW01, MTUN, NEN, ANMO, ANMO, ANMO, ANMO, MNTX, TXAR, comp-Z, 0.9nm, 0.8s, mb3.7, baz=134, slow=4.3, SNR=4.1, etc.

IDC 26:22:38:04.2.1.4, 3.42N-94.90E, mb4.1/7, mb1.4/3/8, mb1mx4.0/19, ML4.0/1, Error ellipse: s-maj=57.2km s-min=22.4km az=54.0

NEIC 26:22:38:05.1.0.6, 3.42N-94.86E, h30km, mb4.5/5, Error ellipse: s-maj=17.3km s-min=9.7km az=61.0

BUI 26:22:38:04.3.4.30N-94.90E, h30km, mb4.8

ISC 26:22:38:06.7.0.7, 3.4N-101.94E, 0.1, h30km, n21, of=105/21, mb4.2/13, 1C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CM31 Chiang Mai Arr, 15.44 15 Op P, 22 41 44.2 0.0, etc.

IDC 26:22:39:14.0.7.1, 7.82N-92.58E, mb4.3/8, mb1.4/5/8, mb1mx4.2/20, Error ellipse: s-maj=186.0km s-min=143.1km az=168.0

NEIC 26:22:39:20.6.3.5, 8.04N-92.32E, h30km, mb4.6/3, Error ellipse: s-maj=100.0km s-min=43.0km az=110.0, Nicobar Islands region

IDC 26:22:39:21.5.0.9, 6.97N-92.50E, mb4.3/13, mb1.4/5/14, mb1mx4.3/22, ML4.6/1, Error ellipse: s-maj=39.3km s-min=18.1km az=51.0

NEIC 26:22:39:25.8.0.5, 6.96N-92.52E, h30km, mb4.6/4, Error ellipse: s-maj=17.5km s-min=9.6km az=59.0

ISC 26:22:39:24.0.6.7, 7.00N-1.92.6E, 0.1, h30km, n19, of=88/19, mb4.3/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 12.98 28 Pn P, 22 42 30.2 +0.8, etc.



Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like HFS Hagfors, RPZ Rata Peaks.

IDC 26:22:51:37.5:1.3, 3.94N, 94.10E, h22km, 3km, mb3.8/7, mb1 4.0/7, mb1mx3.7/17, Error ellipse: s-maj=60.9km s-min=15.6km az=56.0

NEIC 26:22:51:37.5:0.8, 3.88N, 94.06E, Error ellipse: s-maj=37.7km s-min=10.9km az=54.0

ISC 26:22:51:35.7:1.1, 3.90N, 0.2, 94.1E, 0.3, h22km, h22km, 1.2km, p-P, n1, 0.578/11, mb4.0/10, Off west coast of northern Sumatra

Main table for the first section, listing stations like LSA Lhasa, SONM Songino Array, WRA Warrungarra Arr, etc.

IDC 26:22:57:26.7:1.1, 10.23N, 91.59E, h28km, 6km, mb3.6/5, mb1 3.8/6, mb1mx3.5/17, ML3.4/1, Error ellipse: s-maj=32.5km s-min=22.9km az=46.0

NEIC 26:22:57:26.6:0.8, 10.16N, 91.51E, Error ellipse: s-maj=16.9km s-min=13.0km az=71.0

ISC 26:22:57:24.7:0.9, 10.2N, 0.1, 91.6E, 0.1, h29km, h29km, 1.9km, p-P, n1, 0.584/10, mb3.8/6, Andaman Islands region

Main table for the second section, listing stations like CM31 Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

IDC 26:22:57:29.8:1.1, 6.04N, 93.15E, mb3.9/8, mb1 4.1/9, mb1mx3.9/19, ML3.8/1, Error ellipse: s-maj=43.7km s-min=19.8km az=51.0

NEIC 26:22:57:32.8:0.8, 5.96N, 92.91E, h30km, Error ellipse: s-maj=26.5km s-min=14.0km az=58.0

ISC 26:22:57:31.3:0.8, 6.0N, 0.1, 93.0E, 0.2, h30km, n15, 0.619/15, mb4.1/12, Nicobar Islands region

Main table for the third section, listing stations like CMAR Chiang Mai Arr, AAK Ala-Archa, SONM Songino Array, etc.

BUI 26:22:59:20.5, 3.08N, 94.27E, h12km, mb4.9, mb4.4 Error ellipse: s-maj=10.2km s-min=7.8km az=73.0

IDC 26:22:59:23.0:0.6, 2.94N, 93.87E, h27km, 2km, mb4.1/13, mb1 4.2/14, mb1mx4.2/19, ML4.5/1, Error ellipse: s-maj=25.6km s-min=11.2km az=49.0

ISC 26:22:59:20.7:0.5, 9.93N, 100.93, 88E, 0.09, h27km, h27km, 4km, p-P, n29, 0.584/27, mb4.4/21, Off west coast of northern Sumatra

Main table for the fourth section, listing stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

Main table for the fifth section, listing stations like SONM Songino Array, ULN Ulanbataar, ULN Alice Springs, etc.

MOS 26:23:04:24.9:0.9, 32.92N, 92.01E, h33km, mb5.2/31, Error ellipse: s-maj=11.2km s-min=6.5km az=116.0

BUI 26:23:04:24.7:8, 94N, 92.00E, h49km, mb5.1, mb4.9, Ms4.5, Ms2.4

IDC 26:23:04:26.8:0.4, 9.36N, 92.03E, h29km, 2km, mb4.7/25, mb1 4.8/26, mb1mx4.8/26, ML4.4/1, Error ellipse: s-maj=15.5km s-min=8.9km az=55.0

NEIC 26:23:04:26.6:0.2, 9.29N, 91.97E, mb5.1/27, Error ellipse: s-maj=5.8km s-min=4.9km az=55.0

ISC 26:23:04:28.0:0.3, 9.30N, 0.04, 91.99E, 0.03, h31km, h31km, 9km, p-P, n29, 0.597/29, mb5.0/70, MS4.3/4, 7C-17D, Nicobar Islands region

Main table for the sixth section, listing stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

Main table for the seventh section, listing stations like WHTA Wuhan, GWA Gaotai, KSH Kashi, etc.



26d 23h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ERZM, KIV, KMB, ELZG, etc.

2004 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ARCES, DPC, KSP, etc.

818

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ANMO, TXAR, JCT, etc.



0.4nm,0.9s,mb3.9,baz=294,slow=5.4,SNR=4.1
TXAR Lajitas Array 139.09 23 PKP PKPdf 23 30 52.1 -2.4
0.1nm,0.4s,baz=265,slow=0.9,SNR=2.2
CPUP Villa Florida 147.00 23a PKPbc PKPdf 23 31 08.8 +0.3
0.0m,0.4s,baz=247,slow=17,SNR=1.6

IDC 26 23:13:35.3,0.8,5.22N-93.33E,h25km,4km,mb3.8/9,
mb1.4/0.10,mb1mx3.8/19,ML3.8/1, Error ellipse:
s-maj=36.4km s-min=13.9km az=51.0

NEIC 26 23:13:35.3,0.5,5.22N-93.36E, Error ellipse:
s-maj=18.8km s-min=8.8km az=60.0
ISC 26 23:13:33.3,0.8,5.2N,0.1,93.4E,0.2,h26km,
h26km,1.0km;pp-P,n16,e0574/16,mb4.1/3,Off west
coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, Shillong, LSA, Sonm, WRA, WRAB, ASAR, ZAL, BRVK, STKA, BRTR, FINES, GERES, etc.

IDC 26 23:18:10.2,1.8,6.19N-93.10E,mb3.6/4,mb1.3/9/5,
mb1mx3.7/18,ML4.0/1, Error ellipse: s-maj=71.2km
s-min=27.6km az=56.0

NEIC 26 23:18:14.7,1.2,6.14N-93.09E,h30km, Error ellipse:
s-maj=53.0km s-min=15.4km az=55.0
ISC 26 23:18:12.9,1.4,6.2N,0.3,93.2E,0.4,h30km,n7,e0567/7,
mb3.7/6,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, Sonm, WRA, WRAB, ASAR, CHKZ, GERES, etc.

IDC 26 23:21:44.0,0.7,6.85N-93.29E,mb4.1/13,mb1.4/2/14,
mb1mx4.1/21,ML4.1/1, Error ellipse: s-maj=32.2km
s-min=15.2km az=48.0

BUI 26 23:21:48.4,8.70N-93.30E,h20km,mb4.3
NEIC 26 23:21:49.0,0.4,8.70N-93.32E,h30km, Error ellipse:
s-maj=17.6km s-min=9.2km az=53.0
ISC 26 23:21:47.3,0.5,8.79N,0.0,93.3E,0.1,h30km,n28,
e1527/28,mb4.2/18,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, SHL, PKI, DMN, GUN, KKN, GKN, KOLN, ENH, GTA, AAK, SONM, ZAL, NWAO, CHKZ, WRA, WRAB, ARU, KMBO, BRTR, STKA, IDK, MLR, FINES, ARCES, ILAR, TXAR, etc.

IDC 26 23:21:58.4,0.8,8.38N-93.73E,mb4.2/12,mb1.4/3/13,
mb1mx4.2/19,ML4.1/1, Error ellipse: s-maj=29.8km
s-min=18.4km az=51.0

NEIC 26 23:22:02.5,0.4,8.32N-93.67E,h30km, Error ellipse:
s-maj=11.9km s-min=9.6km az=67.0
ISC 26 23:22:00.8,0.5,8.37N,0.0,93.8E,0.1,h30km,n25,
e0587/23,mb4.2/17,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, ENH, AAK, SONM, ZAL, BVAR, WRA, WRAB, CHKZ, ASAR, KMBO, BRTR, AKASG, LSZ, FINES, LBTB, ARCES, MORC, GERES, HFS, NB2, NOA, NOA, PDAR, TXAR, etc.

BUI 26 23:23:31.2,11.21N-92.77E,h46km,mb4.1
IDC 26 23:23:33.0,0.9,11.68N-92.76E,h21km,3km,mb3.9/15,
mb1.4/1/16,mb1mx4.0/23,ML3.9/1, Error ellipse:
s-maj=33.6km s-min=17.6km az=42.0

NEIC 26 23:23:33.1,0.6,11.79N-92.87E, Error ellipse:
s-maj=21.4km s-min=13.3km az=55.0
ISC 26 23:23:31.0,0.6,11.68N,0.0,92.75E,0.09,h22km,
h22km,1.7km;pp-P,n29,e128/31,mb4.1/20,Andaman
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, CMAR, VIS, LSA, ENH, LZH, AAK, SONM, ZAL, CN2, CHKZ, GNI, WRA, WRAB, ASAR, BRTR, AKASG, MLR, FINES, KAF, LBTB, ARCES, ARCES, GRES, HFS, NOA, LPL, JMJC, ESCD, ESCD, TXAR, CPUP, etc.

IDC 26 23:43:9.1,11.61N-93.09E,mb4.1/4,mb1.4/4/5,
mb1mx4.0/18,ML4.3/1, Error ellipse: s-maj=38.5km
s-min=24.9km az=69.0,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, CMAR, SONM, WRA, ASAR, GERES, etc.

NEIC 26 23:29:09.2,0.5,8.87N-92.30E, Error ellipse:
s-maj=12.3km s-min=11.2km az=84.0
ISC 26 23:29:07.0,0.6,8.83N,0.0,92.34E,0.09,h30km,
h30km,1.0km;pp-P,n39,e085/34,mb4.1/21,MS4.4/2,1C,
Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, CMAR, PKI, GUN, KKN, KOLN, LSA, GYA, ENH, AAK, SONM, ULN, ZAL, ZAL, ZAL, BVAR, CHKZ, WRA, ASAR, GNI, ARU, KMBO, MALT, BRTR, AKASG, MLR, MLR, MLR, FINES, KAF, LBTB, ARCES, ARCES, GRES, HFS, NOA, LPL, JMJC, ESCD, ESCD, TXAR, CPUP, etc.

IDC 26 23:31:45.7,0.4,9.04N-92.35E,h29km,2km,mb4.3/23,
mb1.4/4/24,mb1mx4.4/27,ML4.4/1,MS4.2/9,Ms1.4/2/9,
ms1mx3.9/25, Error ellipse: s-maj=21.1km s-min=9.4km
az=48.0

NEIC 26 23:31:45.6,0.2,9.02N-92.38E, Error ellipse:
s-maj=7.3km s-min=5.3km az=52.0
BUI 26 23:31:45.3,9.24N-92.03E,h22km,mb5.0,mb4.8,Ms4.5,
Ms3.3

ISC 26 23:31:43.8,0.3,8.92N,0.0,92.24E,0.05,h30km,
h30km,7km;pp-P,n102,e098/100,mb4.6/43,MS4.4/11,
5C-1D,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, CMAR, CMAR, CMAR, VIS, VIS, VIS, MDRS, TRD, TRD, HYB, HYB, SHL, SHL, KMI, KMI, GOA, PKI, DMN, GUN, KKN, BHPL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like BHPOL, POO, GKN, KOLN, LSA, GYA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like ARCES, ARCES, ARCES, Dobruska-Polom, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like KKN, LSA, GKN, KOLN, ENH, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include BVAR, BRVK, CHKZ, ARU, BRTR, GERES, CPUP.

IDC 26 23:47:37.0-0.9, 4.91N-93.41E, mb4.1/1, mb1 4.2/12, mb1mx4.1/19, ML4.0/1, Error ellipse: s-maj=53.1km s-min=16.2km az=50.0

NEIC 26 23:47:42.1-0.8, 5.10N-93.58E, h30km, Error ellipse: s-maj=40.7km s-min=11.8km az=54.0

ISC 26 23:47:39.9-0.8, 5.0N-92.93E, 0.2, h30km, n20, 0.59E/18, mb4.1/15, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, LSA, AAK, SONM, WRA, WRAB, ASAR, ZAL, BVAR, CHKZ, ARU, STKA, BRTR, AKASG, FINES, ARCES, GERES, PDAR, TXAR.

IDC 26 23:51:28.4, 1.0, 7.46N-94.14E, mb3.9/12, mb1 4.1/13, mb1mx4.0/19, ML4.0/1, Error ellipse: s-maj=41.5km s-min=20.6km az=51.0

NEIC 26 23:51:32.9-0.6, 7.51N-94.24E, h30km, Error ellipse: s-maj=17.3km s-min=11.2km az=65.0

ISC 26 23:51:31.1-0.7, 7.55N-10.94E, 0.1, h30km, n27, 0.112Z/23, mb3.9/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CM31, CMAR, LSA, AAK, SONM, UNM, WRA, WRAB, BVAR, BRVK, ASAR, ARU, KMBO, BRTR, AKASG, FINES, ARCES, GERES, NOA, PDAR, TXAR.

IDC 26 23:53:15.3-7.7, 31.72S-174.76W, mb3.4/2, mb1 3.7/2, mb1mx3.5/13, Error ellipse: s-maj=355.0km s-min=63.1km az=157.0, Low Confidence, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ASAR, WRA, FINES.

IDC 26 23:54:29.7-2.8, 1.47N-98.97E, mb3.9/4, mb1 4.1/4, mb1mx3.7/16, Error ellipse: s-maj=120.0km s-min=26.4km az=59.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include WRA, ASAR, SONM, ARCES, PDAR, TXAR.

IDC 26 23:55:03.8-1.3, 3.32N-92.27E, mb3.9/7, mb1 4.1/7, mb1mx3.8/18, Error ellipse: s-maj=68.3km s-min=20.7km az=52.0

NEIC 26 23:55:08.0-0.9, 1.9N-92.16E, h30km, Error ellipse: s-maj=37.7km s-min=13.0km az=57.0

ISC 26 23:55:06.6-1.1, 1.82N-92.92E, 0.3, h33km, n12, 0.85E/12, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include LSA, AAK, SONM, SONM, BVAR, CHKZ, WRA, ASAR, ARU, FINES, ARCES, GERES.

IDC 26 23:58:04.7, 2.61N-93.73E, h60km, mb4.9, mb4.7, Ms4.8 IDC 26 23:58:06.6-0.6, 3.16N-93.56E, h27km, 3km, mb4.1/14, mb1 4.2/15, mb1mx4.1/21, MS4.0/2, Mst 4.0/2, ms1mx3.2/23, Error ellipse: s-maj=30.5km s-min=11.1km az=50.0

NEIC 26 23:58:06.3-0.3, 3.19N-93.66E, Error ellipse: s-maj=1.2km s-min=0.6km az=64.0

ISC 26 23:58:04.0-0.5, 3.19N-93.71E, 0.08, h28km, h30km, 3km, pp-P, n47, 0.68E/45, mb4.5/30, MS4.1/1, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, CMAR, CMAR, IMP, SHL, PKI, DMN, GUN, KKN, GKN, GYA, KOLN, LSA, LSA, LSA, ENH, LZH, LZH, GTA, JOW, HHC, HHC, HHC, HHC, WMQ, WMQ, AAK, SONM, SONM, SONM, ULN, WRA, WRAB, ASAR, ASAR, HIA, ZAL, BVAR, BVAR, ASAR, HIA, ZAL, BVAR, CHKZ, GNI, BOSA, FINES, ARCES, GERES, TXAR, TXAR.

IDC 26 23:58:04.7, 2.61N-93.73E, h60km, mb4.9, mb4.7, Ms4.8 IDC 26 23:58:06.6-0.6, 3.16N-93.56E, h27km, 3km, mb4.1/14, mb1 4.2/15, mb1mx4.1/21, MS4.0/2, Mst 4.0/2, ms1mx3.2/23, Error ellipse: s-maj=30.5km s-min=11.1km az=50.0

NEIC 26 23:58:06.3-0.3, 3.19N-93.66E, Error ellipse: s-maj=1.2km s-min=0.6km az=64.0

ISC 26 23:58:04.0-0.5, 3.19N-93.71E, 0.08, h28km, h30km, 3km, pp-P, n47, 0.68E/45, mb4.5/30, MS4.1/1, Off west coast of northern Sumatara

IDC 27 00:02:51.8-1.1, 6.47N-93.70E, mb4.2/9, mb1 4.3/9, mb1mx4.1/18, Error ellipse: s-maj=52.7km s-min=19.7km az=51.0

NEIC 27 00:02:56.6-1.0, 6.47N-93.79E, h30km, mb4.3/4, Error ellipse: s-maj=40.4km s-min=14.6km az=57.0

ISC 27 00:02:54.9-0.8, 6.5N-92.93E, 0.2, h30km, n15, 0.59E/19, mb4.1/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include LSA, AAK, SONM, ULN, WRA, WRAB, ASAR, ASAR, HIA, ZAL, BVAR, BVAR, ASAR, HIA, ZAL, BVAR, CHKZ, GNI, BOSA, FINES, ARCES, GERES, TXAR, TXAR.

IDC 27 00:03:05.6-1.1, 4.96N-93.48E, mb4.1/10, mb1 4.3/11, mb1mx4.1/21, ML4.6/1, Error ellipse: s-maj=53.2km s-min=20.6km az=48.0

NEIC 27 00:03:09.4-0.6, 4.65N-93.17E, h30km, mb4.5/3, Error ellipse: s-maj=19.3km s-min=12.6km az=61.0

ISC 27 00:03:07.6-0.7, 4.7N-92.93E, 0.1, h30km, n16, 0.190E/15, mb4.2/13, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, SONM, WRA, WRAB, ASAR, ASAR, HIA, ZAL, BVAR, BVAR, ASAR, HIA, ZAL, BVAR, CHKZ, GNI, BOSA, FINES, ARCES, GERES, TXAR, TXAR.

IDC 27 00:07:02.3-1.0, 15.86N-93.16E, mb3.8/9, mb1 3.9/10, mb1mx3.8/19, ML4.2/1, Error ellipse: s-maj=34.1km s-min=18.8km az=49.0

NEIC 27 00:07:05.0-0.6, 15.75N-93.19E, h30km, mb4.4/3, Error ellipse: s-maj=17.3km s-min=14.1km az=225.0

ISC 27 00:07:03.9-0.6, 15.7N-92.19E, 0.07, h30km, n15, 0.190E/17, mb3.9/12, Bay of Bengal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CPUP, CMAR, ENH, AAK, ULN, WRA, WRAB, TANNANT, ASAR, ZAL, BVAR, CHKZ, FINES, ARCES, GERES, DAVOX.

IDC 26 23:58:04.7, 2.61N-93.73E, h60km, mb4.9, mb4.7, Ms4.8 IDC 26 23:58:06.6-0.6, 3.16N-93.56E, h27km, 3km, mb4.1/14, mb1 4.2/15, mb1mx4.1/21, MS4.0/2, Mst 4.0/2, ms1mx3.2/23, Error ellipse: s-maj=30.5km s-min=11.1km az=50.0

NEIC 26 23:58:06.3-0.3, 3.19N-93.66E, Error ellipse: s-maj=1.2km s-min=0.6km az=64.0

ISC 26 23:58:04.0-0.5, 3.19N-93.71E, 0.08, h28km, h30km, 3km, pp-P, n47, 0.68E/45, mb4.5/30, MS4.1/1, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, CMAR, CMAR, IMP, SHL, PKI, DMN, GUN, KKN, GKN, GYA, KOLN, LSA, LSA, LSA, ENH, LZH, LZH, GTA, JOW, HHC, HHC, HHC, HHC, WMQ, WMQ, AAK, SONM, SONM, SONM, ULN, WRA, WRAB, ASAR, ASAR, HIA, ZAL, BVAR, BVAR, ASAR, HIA, ZAL, BVAR, CHKZ, GNI, BOSA, FINES, ARCES, GERES, TXAR, TXAR.

IDC 27 00:02:51.8-1.1, 6.47N-93.70E, mb4.2/9, mb1 4.3/9, mb1mx4.1/18, Error ellipse: s-maj=52.7km s-min=19.7km az=51.0

NEIC 27 00:02:56.6-1.0, 6.47N-93.79E, h30km, mb4.3/4, Error ellipse: s-maj=40.4km s-min=14.6km az=57.0

ISC 27 00:02:54.9-0.8, 6.5N-92.93E, 0.2, h30km, n15, 0.59E/19, mb4.1/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include LSA, AAK, SONM, ULN, WRA, WRAB, ZAL, ASAR, BVAR, CHKZ, AKASG, FINES, ARCES, GERES, DAVOX.

IDC 27 00:03:05.6-1.1, 4.96N-93.48E, mb4.1/10, mb1 4.3/11, mb1mx4.1/21, ML4.6/1, Error ellipse: s-maj=53.2km s-min=20.6km az=48.0

NEIC 27 00:03:09.4-0.6, 4.65N-93.17E, h30km, mb4.5/3, Error ellipse: s-maj=19.3km s-min=12.6km az=61.0

ISC 27 00:03:07.6-0.7, 4.7N-92.93E, 0.1, h30km, n16, 0.190E/15, mb4.2/13, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, SONM, WRA, WRAB, ASAR, ASAR, HIA, ZAL, BVAR, BVAR, ASAR, HIA, ZAL, BVAR, CHKZ, GNI, BOSA, FINES, ARCES, GERES, TXAR, TXAR.

IDC 27 00:07:02.3-1.0, 15.86N-93.16E, mb3.8/9, mb1 3.9/10, mb1mx3.8/19, ML4.2/1, Error ellipse: s-maj=34.1km s-min=18.8km az=49.0

NEIC 27 00:07:05.0-0.6, 15.75N-93.19E, h30km, mb4.4/3, Error ellipse: s-maj=17.3km s-min=14.1km az=225.0

ISC 27 00:07:03.9-0.6, 15.7N-92.19E, 0.07, h30km, n15, 0.190E/17, mb3.9/12, Bay of Bengal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, CHMR, SHL, SONM, ZAL, BVAR, CHKZ, WRA, ASAR, PMG, FINES, ARCES, HFS, GERES.

IDC 27 00:07:02.3-1.0, 15.86N-93.16E, mb3.8/9, mb1 3.9/10, mb1mx3.8/19, ML4.2/1, Error ellipse: s-maj=34.1km s-min=18.8km az=49.0

NEIC 27 00:07:05.0-0.6, 15.75N-93.19E, h30km, mb4.4/3, Error ellipse: s-maj=17.3km s-min=14.1km az=225.0

ISC 27 00:07:03.9-0.6, 15.7N-92.19E, 0.07, h30km, n15, 0.190E/17, mb3.9/12, Bay of Bengal







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, AVNT, BOYT, ELDT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, AVNT, BOYT, ELDT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FVI, WET, CLL, etc.







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOC, SOKR, KAHT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BTOK, BALB, BNT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SVIS, KOLS, KOLS, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, MCK McKinley, SUMG Summit, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HWUT Hardware Ranch, TPH Tonopah, NOQ North Oquirrh, TRU Troy Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 27.00:36:09.4.0.3, HRVD 27.00:36:09.4.1.1, CHIANG CHIANG MAI ARR, etc.

BUI 27.00:36:08.0.8.24N:92.38E, h46km, mb5.1, mb5.4, Ms5.4, Ms25.0

MOS 27.00:39:43.9.0.8.31N:93.94E, h33km, mb5.5/46, Error ellipse: s-maj=21.5km s-min=6.8km az=131.9

NEIC 27.00:39:44.6.0.2.9.09N:93.66E, mb5.3/58, Error ellipse: s-maj=6.7km s-min=5.2km az=221.0

HRVD 27.00:39:44.6.0.6.8.98N:93.69E, h16km, mb5.3/36, Centroid moment tensor Solution. LP body waves: s6;c6;

Mantle waves: s36;c53; Half duration: 1s1 Moment tensor: Scale 10^17Nm; Mr=1.19s; 20; M0=1.1s; 10;

M0=0.62s; 23; Best double couple: M1.18x10^17 NP1; P=2.04, Plg76; Azm301; nst2 refers to body waves, cutoff=50s.

cutoff=50s. nst2 refers to surface waves, cutoff=50s. IDC 27.00:39:50.5.3.8.9.16N:93.72E, h63km, mb4.6/29,

mb1.4/6.30, mb1mx4.6/31, ML4.6/1, Error ellipse: s-maj=15.9km s-min=9.3km az=43.0

ISC 27.00:39:43.2.0.2.9.10N:0.94.93.64E.0.4, h23km, h23km±1.2km, pP-P, m262, t19/235, mb5.1/82, 16C-4D,

Nicarobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

27d 0h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GUN Gumba, DMN Daman, KKN Kakani, LSA Lhasa, GKN Gorkha, KOLN Koldana, GYA Guiyang, COCO West Island, NDI New Delhi, ENPP El Nido, SDNR Sundarnagar, BALP Baler, PAGZ Pagadian, BUKP Busuanga, BJT Baijatiuau, JOW Kunigunda, MBWA Marble Bar, SONM Songoing Array, ZAK Zakamensk, HIA Halilar, RYDS Riyadh, NWAOW Narrogin (SRO), BRVK Borovoye, CHKZ Chkalovo, MZLS Mizel, MAJS Matushiro, WRA Warramunga Arr, WRAB Tennant Creek, AFFS Affs, ARSS Ar Rass, ASAR Alice Springs, HILLS Ha'il, GNI Garni, TI2 Timpagrande, KBRs Khabar, ARU Arti, YNBs Yambu' al Bahr, KIV Kislovodsk, YSS Yuzh-Sakhalins, PMG Port Moresby, TBKS Tabuk, KMBO Kilima Mbogo, ASF Jabal al Asfar, MALT Malatya, MALQ Malatya, GZT Gaziantep, AYUS Ayunah, SOC Sochi, BDAS Al Bad', KAHT Ahir Dag, EIL Elat, EIL Elat, COBT Iskenderun.

2000 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, CTA Charters Tower, CTAO Charters Tower, MEST Erdemli, BOYT Boyabat, SKTK Stepanovsk, STKA Stephens Creek, ELDT Eldivan, BALT Baday, SGTK Sivrigoryuk, ISP Isparta, ISP Isparta, ESKT Eskisehir, MBAR Mbarara, MBAR Mbarara, HENT Hendek, OBN Obninsk, OBN Obninsk, KIS Kishinev, CFR Caracul, AKASG Malin Array B, AKASG Malin Array B, IDI Anoyia, VRI Vrincoia, MLR Munteale Rosu, LSZ Lusaka, LSZ Lusaka, APA Apatity, KWP Kalwaria, KWP Kalwaria, KOLS Kolonicke sedl, SUW Suwalki, SUW Suwalki, FINES FINESS Array B, KAF Kangansiemii, KAF Kangansiemii, CRVS Cervenica-Dubn, KECS Kecovo, NIE Niedzica, PSZ Piszkesteto, PSZ Piszkesteto, OJC Ojcow, VYHS Yhynne, SRO Srobarova, OKC Ostrava-Krasne, ARCS ARCESS Array B, SMOL Smolenice, MORC Moravsky Berou, MORC Moravsky Berou, TIP Timpagrande, ZST Bratislava, LBTB Lobatse, LBTB Lobatse, KTK1 Kautokine, KTK1 Kautokine, SOT Sopron, DPC Dobruska-Polom, KSP Ksiaz, UPC Upec, ARSA Arzberg, BOJS Bojanci, PERS Pershof, BOSB Bosshof, BOSB Bosshof, OBKA Obir, PRU Pruhonice, PVCC Panska Ves, MOL Mollin, TRO Tromso, TRO Tromso, WVO Vojsko, BRG Berggiesshubel, BRG Berggiesshubel, BRG Berggiesshubel, GERES GERES Array S, GERES GERES Array S, GERES GERES Array B, KHC Kasperske Hory, KBA Koelnbreinsper, KBA Koelnbreinsper, COLM Colim, COLM Colim, LPAZ Lapaz.

830

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL Collm, CLL Collm, WET Wetzeltz, MOI Moi Rana, MORB Morb, MORB Morb, NKV Novy Kostel, WTTA Wattenberg, WTTA Wattenberg, MOX Moxa, MOX Moxa, WATA Walderalm, WATA Walderalm, FUR Furstenedelbru, GRA1 Grafenberg Arr, GRF Grafenberg Arr, GRF Grafenberg Arr, SQT Sankt Quirin, SQT Sankt Quirin, MOTA Moosalm, MOTA Moosalm, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Arr B, CLZ Clausthal, DAV Bad Segeberg, MUD Monsted U'grnd, MUD Monsted U'grnd, STU Stuttgart, MAW Mawson, MAW Mawson, MAW Mawson, BFO Black Forest, BFO Black Forest, MOL Molde, MOL Molde, MOL Molde, SUT Sutherland, LPL La Plagne, LPL La Plagne, BNI Bardonecchia, BNI Bardonecchia, ANM Annapurna, RPZ Rata Peaks, ESOC Sonseca Array, IMA Indian Mountain, SUMG Summit, COLA College, COLA College, MCK McKinley, MCK McKinley, ILAR Eielson Array, PWA Palmer West, VNA Vanda, VNA Vanda, SLKM Skilak Lake, SML Sawmill, INK Inuvik, INK Inuvik, DBIC Dimbokoro, YMR Madison River, ELR Elko, NVAR Mina Array B, NVAR Mina Array B, NVAR Mina Array B, PNVAR Mina Array B, TPNV Topohap Spring, ANMO Albuquerque, ANMO Albuquerque, TUC Tuzo, MINTX Cornudas Mount, TXAR Lajitas Array, JCT Junction City, HCT Hooley, HFBF Brasilia, SJS San Juan, SJS San Juan, SDV Santa Domingo, SDV Santa Domingo, SDV Santa Domingo, LVC Limon Verde, LPAZ Lapaz.











Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like COLA College, MCK McKinley, and various local and regional stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MDV Middlebury, NOQ North Oquirrh, SADO Sadova, and various international and regional stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES GERESS Array B, NOA NORSTAR Array B, and various international and regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES, KHC, GLL, HFS, NB2, NB2, NOA, MUD, MUD, LMG, LMG, ESDC, VVDA, ILAR, INK, INK, YKA, ULM, ULM, PDAR, PDAR, ANMO, TXAR, BDFB, SJG, PCRV, LVC, LPAZ, LPAZ.

IDC 27 01:09:35.4+1.2, 7.65N-93.79E, mb4.0/8, mb1 4.1/9, mb1mx3.9/18, ML3.7/1, Error ellipse: s-maj=61.1km s-min=20.7km az=53.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, WRA, GERES, HFS, NOA, ARCES, ILAR, INK, TXAR.

IDC 27 01:11:06.5+0.8, 6.06N-92.97E, mb4.1/13, mb1 4.3/14, mb1mx4.2/20, ML4.3/1, Error ellipse: s-maj=45.6km s-min=16.3km az=49.0

NEIC 27 01:11:07.0+0.5, 5.91N-92.93E, h30km, mb4.3/4, Error ellipse: s-maj=19.5km s-min=10.0km az=57.0

ISC 27 01:11:08.7+0.7, 5.9N-92.1, h30km, n22, e1502/20, mb4.2/17, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, LSA, AAK, SONM, WRA, WRAB, ZAL, ZAL, ASAR, BVAR, CHKZ, STKA, BRTR, AKASG, MLR, ARCES, NOA, PDAR, TXAR.

IDC 27 01:11:41.4+1.7, 3.26N-94.55E, mb4.0/5, mb1 4.2/5, mb1mx3.9/18, Error ellipse: s-maj=80.1km s-min=23.7km az=53.0

NEIC 27 01:11:45.4+1.3, 3.21N-94.38E, h30km, mb4.1/2, Error ellipse: s-maj=61.5km s-min=14.5km az=52.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK, WRA, WRAB, SONM, ASAR, BVAR, CHKZ, CHKZ, GERES.

IDC 27 01:18:32.8+1.2, 8.51N-93.93E, mb4.0/10, mb1 4.2/10, mb1mx4.0/17, Error ellipse: s-maj=61.1km s-min=17.4km az=56.0

ISC 27 01:18:36.3+0.8, 8.6N-93.1, 94.1E+0.2, h33km, n12, e075/12, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHG, CHG, SONM, ZAL, BVAR, WRA, ASAR, STKA, FINES, ARCES, GERES, NB2, ILAR.

IDC 27 01:19:26.9+0.9, 13.98N-93.34E, mb4.1/11, mb1 4.3/12, mb1mx4.1/20, ML4.6/1, Error ellipse: s-maj=28.9km s-min=19.8km az=42.0

ISC 27 01:19:30.0+0.8, 14.15N-93.24E, 0.07, h33km, n19, e1819/19, mb4.2/11, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, IMP, IMP, PKI, GUN, DMN, KKN, KOLN, JOW, SONM, WRA, ASAR, FINES, ARCES, GERES, HFS, NOA, ILAR, INK, TXAR.

IDC 27 01:22:17.1+0.6, 3.39N-94.84E, mb4.7/14, mb1 4.8/15, mb1mx4.7/24, ML4.7/1, MS4.6/4, Ms1 4.7/4, ms1mx4.0/28, Error ellipse: s-maj=27.0km s-min=13.6km az=49.0

MOS 27 01:22:20.3+1.6, 3.33N-94.79E, h33km, mb5.3/26, Error ellipse: s-maj=13.7km s-min=7.8km az=115.6

NEIC 27 01:22:24.1+0.3, 3.35N-94.89E, mb5.0/16, Error ellipse: s-maj=8.9km s-min=6.4km az=55.0

BUI 27 01:22:24.0+3.0, 3.30N-94.90E, h47km, mb4.9, Ms2.2, Ms2.5/1, HRVD 27 01:22:24.1+1.0, 3.20N-94.95E, h28km, mb2.0, MW5.1/28, Centroid moment Tensor Solution. LP body waves: s5c5; Mantle waves: s28, c44; Half duration: 0 Moment tensor: Scale 10^19Nm; M4: 72.1/24; M3: 4.35/5; M2: 0.37/5; M1: 1.81/7; M0: 2.90/43; Mw: 1.67/1.17; Best double couple: M5: 86.8/10.6, N1: 288.8/34.1, N2: 192.0/26.6, 358.1/100; Principal axes: T: 5.32, P: 75.75; Azm65; N: 1.07, P: 10.7; Azm301; P: 6.39, P: 12.9; Azm209; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DJA 27 01:23:10.4+1.2, 0.201N-88.81E, h100km, mb4.8/2, Error ellipse: s-maj=462.3km s-min=34.2km az=97.0

ISC 27 01:22:22.7+0.3, 3.37N-94.89E, 0.06, h50km, h50km, n1, 9km, p-P, n82, e1515/10, mb4.9/35, MS4.8/4, 2C-4D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PENI, PALK, CM3I, CMAR, TRD, SRDI, KELI, KMI, KMI, KEDI, TANI, LSA, ENH, LZH, LZH, LZH, WMQ, WMQ, BJT, BJT, BJT, NWAO, AAK, AAK, AAK, FRU, FRU.

WRA Warramunga Arr 45.14 123 P 01 30 35.9 -0.6 comp=2.35nm,0.9s,mb5.2,baz=301,slow=8.9,SNR=31

WRAB Tennant Creek 45.14 122 eP 01 30 35.0 -1.5 comp=2.116nm,1.3s,mb5.5 pmax pmax

WRAB Tennant Creek 45.14 122 eP 01 30 35.0 -1.5 comp=2.116nm,1.3s,mb5.5 pmax pmax

SONM Songino Array 45.40 11 eP 01 30 37.5 -0.7 comp=2.7,6nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

ULN Ulanbaatar 45.55 11 p 01 30 38.7 -0.7 comp=2.1,8nm,0.9s,baz=102,slow=3.8,SNR=3.5 pmax pmax

ULN Ulanbaatar 45.55 11 p 01 30 38.7 -0.7 comp=2.1,8nm,0.9s,baz=102,slow=3.8,SNR=3.5 pmax pmax

SNY Shenyang 46.11 30 p 01 30 43.0 -0.9 comp=2.20nm,1.4s,mb4.8 pmax pmax

ASAR Alice Springs 46.53 127 p 01 30 46.7 -0.8 comp=2.7,5nm,0.6s,mb4.8,baz=300,slow=7.0,SNR=22 pmax pmax

ASAR Alice Springs 46.53 127 p 01 30 46.7 -0.8 comp=2.7,5nm,0.6s,mb4.8,baz=300,slow=7.0,SNR=22 pmax pmax

HIA Hailar 50.40 21 eP 01 31 16.4 -0.7 comp=2.28nm,1.6s,mb4.8,baz=193,slow=8.5,SNR=6.6 pmax pmax

HIA Hailar 50.40 21 eP 01 31 16.4 -0.7 comp=2.28nm,1.6s,mb4.8,baz=193,slow=8.5,SNR=6.6 pmax pmax

ZAL Zalesovo 51.08 352 p 01 31 21.0 -1.2 comp=2.3,6nm,0.5s,mb4.5,baz=293,slow=6.0,SNR=7.1 pmax pmax

BVAR Borovoye Array 53.47 342 p 01 31 38.8 -1.8 comp=2.4,6nm,0.6s,mb4.6,baz=137,slow=11.1,SNR=13 pmax pmax

BVAR Borovoye 53.53 342 eP 01 31 52.3 -2.0 comp=2.16nm,1.3s,mb4.8 pmax pmax

BRVK Port Moresby 53.61 104 p 01 31 52.2 -2.1 comp=2.2,1nm,0.9s,mb5.1,baz=260,slow=5.4,SNR=9.5 pmax pmax

CHKZ Chkalovo 53.96 342 eP 01 31 42.4 -1.3 comp=2.16nm,0.7s,mb5.1 pmax pmax

CHKZ Chkalovo 53.96 342 eP 01 31 42.4 -1.3 comp=2.16nm,0.7s,mb5.1 pmax pmax

CHZ Charters TOWER 55.53 117 p 01 31 56.1 +0.5 comp=2.25nm,1.1s,mb5.2,baz=281,slow=8.4,SNR=10 pmax pmax

CTA Charters TOWER 55.53 117 p 01 31 56.1 +0.5 comp=2.25nm,1.1s,mb5.2,baz=281,slow=8.4,SNR=10 pmax pmax

CTAO Charters TOWER 55.53 117 eP 01 31 56.0 +0.5 comp=2.58nm,1.3s,mb5.5 pmax pmax

CTAO Charters TOWER 55.53 117 eP 01 31 56.0 +0.5 comp=2.58nm,1.3s,mb5.5 pmax pmax

BOD Bodaibo 56.35 12 eP 01 32 08.2 -1.3 comp=2.2,1nm,0.9s,mb5.1,baz=260,slow=5.4,SNR=9.5 pmax pmax

STKA Stephens Creek 56.51 132 p 01 32 11.9 -0.6 comp=2.14nm,1.1s,mb4.9,baz=285,slow=6.3,SNR=7.4 pmax pmax

KMBO Kilima Mbogo 57.78 267 p 01 32 01.0 -0.7 comp=2.2,2nm,1.0s,mb4.1,baz=48,slow=14.4,SNR=4.4 pmax pmax

ASAJ Asahikawa 58.35 39 LR 01 58 34.4 comp=2.2,2nm,1.0s,mb4.1,baz=48,slow=14.4,SNR=4.4 pmax pmax

ASF Jabal al Asfar 61.34 305 LR 01 59 51.8 comp=2.518nm,18.6s,MS4.7,baz=86,slow=37 pmax pmax

YAK Yakutsk 64.03 17 eP 01 33 10.6 +0.1 comp=2.19nm,1.0s,mb5.1 pmax pmax

YAK Yakutsk 64.03 17 eP 01 33 10.6 +0.1 comp=2.19nm,1.0s,mb5.1 pmax pmax

AVNT Avonon 64.78 312 iP 01 32 56.3 -2.3 comp=2.8,0nm,1.2s pmax pmax

ELDT Eldivan 66.33 313 iP 01 33 06.5 -2.0 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

IDI Anovya 71.77 306 p 01 33 42.0 -1.7 comp=2.9,3nm,0.7s,mb4.8,baz=136,slow=23,SNR=7.2 pmax pmax

AKASG Malin Array Be 72.14 323 p 01 33 42.2 -1.7 comp=3.2nm,0.6s,mb4.4,baz=84,slow=4.7,SNR=15 pmax pmax

AKASG Malin Array Be 72.14 323 p 01 33 42.3 -1.6 comp=3.2nm,0.6s,mb4.4,baz=84,slow=4.7,SNR=15 pmax pmax

LBTB Lobatse 72.80 243 eP 01 33 48.5 +0.2 comp=2.3,0nm,0.6s pmax pmax

LBTB Lobatse 72.80 243 eP 01 33 48.5 +0.2 comp=2.3,0nm,0.6s pmax pmax

KOLS Kolonicne sedi 76.08 320 eP 01 34 08.0 +1.2 comp=2.2,0nm,1.0s,mb5.0 pmax pmax

KOLS Kolonicne sedi 76.08 320 eP 01 34 08.0 +1.2 comp=2.2,0nm,1.0s,mb5.0 pmax pmax

CRVS Cervenica-Dubn 76.60 319 eP 01 34 15.1 +0.7 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

NIE Niedzica 77.43 320 eP 01 34 15.7 +1.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

OJC Ojcow 77.85 321 eP 01 34 15.7 +1.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

YVHS Vytna 78.25 319 p 01 34 19.0 +0.1 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

SUR Sutherland 78.43 236 eP 01 34 20.8 +0.6 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

OKC Ostrava-Krasne 78.89 320 eP 01 34 22.7 +0.3 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

OKC Ostrava-Krasne 78.89 320 eP 01 34 22.7 +0.3 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

MORC Moravsky Berou 79.27 320 p 01 34 24.8 +0.3 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

MORC Moravsky Berou 79.27 320 p 01 34 24.8 +0.3 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

ZST Bratislava 79.36 318 eP 01 34 25.5 +0.5 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

ZST Bratislava 79.36 318 eP 01 34 25.5 +0.5 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BILL Bilbino 79.98 21 eP 01 34 27.8 -0.1 comp=2.9,0nm,1.1s,mb4.6 pmax pmax

BILL Bilbino 79.98 21 eP 01 34 27.8 -0.1 comp=2.9,0nm,1.1s,mb4.6 pmax pmax

DPC Dobruska-Polom 80.12 320 eP 01 34 29.7 +0.7 comp=2.8,7nm,1.1s,mb4.6 pmax pmax

DPC Dobruska-Polom 80.12 320 eP 01 34 29.7 +0.7 comp=2.8,7nm,1.1s,mb4.6 pmax pmax

BRG Pruhonice 81.22 320 eP 01 34 35.1 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Pruhonice 81.22 320 eP 01 34 35.1 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax

BRG Berggiesshubel 81.68 321 iP 01 34 37.9 +0.2 comp=2.1,8nm,0.9s,mb4.5,baz=193,slow=8.5,SNR=6.6 pmax pmax



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KLR, and various station details. Includes stations like Chiang Mai Arr, Vishakhapatnam, Bokaro, Bhopal, etc.

Table with columns: KLR, Time, Res, and various station details. Includes stations like Kul'dur, GNI, SVE, TI2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like ESDC, MCK, ILAR, INK, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBIN, OBN, TIXI, KIS, AKASG, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BHPL, GYA, POO, CD2, etc.

MOS 27 02:05:29.9, 0.8, 5.34N, 94.42E, h33km, mb5.0/8, Error ellipse: s-maj=28.4km s-min=13.6km az=120.0

BHPL 27 02:05:31.5, 5.20N, 94.30E, h48km, mb4.9

IDC 27 02:05:33.6, 0.9, 5.15N, 94.22E, h51km, 7km, mb4.1/12



Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, HIA Hialar, BVAR Borovoye Array, etc.

IDC 27 02:23:01.4, 1.2, 6.84N-93.29E, h40km, 6km, mb3.7/5, mb1 3/9.5, mb1mx3.6/17, Error ellipse: s-maj=57.5km s-min=17.3km az=52.0

NEIC 27 02:23:01.4, 0.9, 6.82N-93.33E, mb4.0/4, Error ellipse: s-maj=38.6km s-min=10.3km az=58.0

ISC 27 02:23:01.4, 2.6, 6.81N-93.29E, h40km, 4km, mb3.9/1, h40km, 1.8km, p-P, n10, c65/10, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like SHL Shillong, LSA Lhasa, AAK Ala-Archa, etc.

NEIC 27 02:23:43.2, 0.6, 8.41N-93.60E, mb4.6/8, Error ellipse: s-maj=16.3km s-min=11.6km az=100.0

BUI 27 02:23:43.1, 8.40N-93.60E, h22km, mb4.5

IDC 27 02:23:46.1, 5.5, 8.38N-93.67E, h49km, 51km, mb3.9/15, mb1 4.1/16, mb1mx4.0/24, ML4.4/1, Error ellipse: s-maj=42.0km s-min=18.2km az=59.0

ISC 27 02:23:43.7, 1.0, 8.8N-1.93.3E-0.1, h21km, h21km, 1.3km, p-P, n33, c65/63, mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Pulchoki, etc.

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like BOSA Boshof, GERES GRESS Array B, HFS Hagfors, etc.

GUC 27 02:23:55.3, 0.3, 30.10S-71.59W, h21km, 3km, MD3.6, ML2.7, 2C-1D, Near coast of Central Chile

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like LSCH La Serena, TLL Tololo Astoria, CMCH Combarbala, etc.

NEIC 27 02:27:59.2, 2.3, 18.56N-146.51E, h43km, 23km, mb4.6/1, Error ellipse: s-maj=35.1km s-min=18.0km az=101.0

IDC 27 02:28:07.5, 16.0, 18.57N-146.49E, h14km, 153km, mb3.5/9, mb1 3.7/9, mb1mx3.5/21, Error ellipse: s-maj=36.0km s-min=23.2km az=87.0

ISC 27 02:27:57.5, 2.6, 18.6N-146.6E, h3.0, h37km, 25km, n13, c1509/14, mb3.8/10, Mariana Islands

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like SARIN Sarigan, GUMO Guam, WRA Warrungarra Arr, etc.

IDC 27 02:28:35.3, 1.1, 4.43N-96.16E, mb3.8/6, mb1 3.9/7, mb1mx3.8/18, ML3.5/1, Error ellipse: s-maj=51.8km s-min=20.2km az=49.0

NEIC 27 02:28:37.0, 7.0, 4.47N-96.21E, h30km, mb4.3/2, Error ellipse: s-maj=24.6km s-min=10.8km az=59.0

ISC 27 02:28:37.8, 0.9, 4.5N-101.96E, 2.2, h30km, n10, c083/10, mb3.9/8, Northern Sumatra

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, etc.

IDC 27 02:31:21.6, 0.8, 3.82N-96.37E, mb4.3/16, mb1 4.4/17, mb1mx4.3/23, ML4.4/1, Error ellipse: s-maj=44.2km s-min=13.3km az=46.0

NEIC 27 02:33:24.9, 0.5, 3.75N-96.32E, mb4.6/9, Error ellipse: s-maj=17.8km s-min=8.6km az=53.0

ISC 27 02:33:20.0, 0.6, 3.7N-101.96E, 3E-0.1, h22km, n35, c1511/34, mb4.4/25, 1C, Northern Sumatra

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like MLR Muntele Rosu, FINES FINES Array B, ARCES ARCES Array B, etc.

IDC 27 02:35:25.7, 0.9, 7.93N-93.49E, mb4.1/11, mb1 4.2/11, mb1mx4.0/19, Error ellipse: s-maj=49.0km s-min=20.6km az=60.0

NEIC 27 02:35:29.0, 7.7, 7.92N-93.59E, h30km, mb4.3/3, Error ellipse: s-maj=30.9km s-min=12.9km az=62.0

ISC 27 02:35:28.3, 0.7, 7.9N-101.93E, 0.2, h30km, n17, c1505/17, mb4.0/13, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, LUBP Lubang, SONM Songoing Array, etc.

BUI 27 02:37:50.6, 13.42N-93.74E, h43km, mb5.1, mb4.5

NEIC 27 02:37:51.5, 0.6, 13.71N-93.35E, h30km, mb4.2/6, Error ellipse: s-maj=14.6km s-min=13.7km az=56.0

IDC 27 02:37:53.6, 6.2, 13.78N-93.29E, h40km, 52km, mb3.8/12, mb1 4.0/13, mb1mx3.8/21, ML4.4/1, Error ellipse: s-maj=42.7km s-min=21.7km az=45.0

ISC 27 02:37:50.1, 0.7, 13.79N-101.93E, 0.09, h30km, n23, c1501/23, mb4.1/18, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

CASC 27 02:38:33.1, 1.3, 10.62N-85.46W, h64km, 3km, MD3.7, ML3.1, 2C-1D, Costa Rica

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Includes stations like LIM1 Limonal, FORC Fortuna, JORC Jicaral, etc.



Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN Copaltepe, PYN Playitas, MOM Motomombo, etc.

IDC 27 02:46:07.7 1.1, 15.17N:94.07E, mb3.9/6, mb1 4.1/7, mb1mx3.8/18, ML4.2/1, Error ellipse: s-maj=33.2km s-min=20.3km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, etc.

IDC 27 02:46:07.7 1.1, 15.17N:94.07E, mb3.9/6, mb1 4.1/7, mb1mx3.8/18, ML4.2/1, Error ellipse: s-maj=33.2km s-min=20.3km az=58.0

NEIC 27 02:46:12.4 0.0, 15.24N:94.19E, h30km, mb3.8/2, Error ellipse: s-maj=15.1km s-min=12.4km az=55.0

ISC 27 02:46:10.5 0.8, 15.26N:101.94E, h30km, n12, e681/15, mb3.9/6, Near south coast of Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, SHL Shillong, etc.

NEIC 27 02:48:36.5 0.5, 6.17N:92.44E, mb4.2/3, Error ellipse: s-maj=14.5km s-min=11.1km az=86.0

IDC 27 02:48:37.4 1.2, 6.27N:92.61E, h41km, mb3.6/6, mb1 3.9/7, mb1mx3.6/19, ML4.5/1, Error ellipse: s-maj=46.9km s-min=20.2km az=52.0

ISC 27 02:48:34.5 0.6, 6.17N:100.92E, h42km, h42km, n9km, pp-P, n17, e07/10, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LATR Latur, etc.

NEIC 27 02:51:14.5 0.7, 4.11N:93.72E, mb4.5/4, Error ellipse: s-maj=26.5km s-min=11.8km az=61.0

IDC 27 02:51:15.7 1.2, 4.39N:94.01E, h35km, mb3.8/8, mb1 4.0/9, mb1mx3.7/19, Error ellipse: s-maj=58.7km s-min=14.7km az=55.0

ISC 27 02:51:12.8 0.9, 4.11N:93.7E, h33km, h33km, n1km, pp-P, n16, e094/14, mb4.1/12, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songoing Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHKZ FINESS Array B, ARCES ARCESS Array B, etc.

MOS 27 02:52:59.8 0.8, 5.46N:94.38E, h33km, mb5.2/39, Error ellipse: s-maj=12.3km s-min=5.4km az=121.4

BUI 27 02:53:00.5, 5.07N:94.21E, h71km, mb5.2, Ms4.5, Ms2.3

NEIC 27 02:53:02.8 0.2, 5.36N:94.32E, mb5.0/46, Error ellipse: s-maj=6.4km s-min=5.0km az=206.0

IDC 27 02:53:03.0 0.5, 5.46N:94.35E, h48km, mb4.6/22, mb1 4.6/23, mb1mx4.5/26, Error ellipse: s-maj=17.0km s-min=9.6km az=38.0

CSEM 27 02:53:04.1, 6.24N:94.23E, h33km, mb5.7, ISC 27 02:53:01.0 0.3, 5.36N:100.05E, h47km, h47km, n2, 1km, pp-P, n15, e154/206, mb5.0/61, MS4.6/6, 20C-1D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALK Pallekele, CM31 Chiang Mai Arr, HYB Hyderabad, etc.

NEIC 27 02:53:01.0 0.3, 5.36N:100.05E, h47km, h47km, n2, 1km, pp-P, n15, e154/206, mb5.0/61, MS4.6/6, 20C-1D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GYA Guiyang, GKN Goroka, LSA Lhasa, etc.

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

MOS 27 02:52:59.8 0.8, 5.46N:94.38E, h33km, mb5.2/39, Error ellipse: s-maj=12.3km s-min=5.4km az=121.4

BUI 27 02:53:00.5, 5.07N:94.21E, h71km, mb5.2, Ms4.5, Ms2.3

NEIC 27 02:53:02.8 0.2, 5.36N:94.32E, mb5.0/46, Error ellipse: s-maj=6.4km s-min=5.0km az=206.0

IDC 27 02:53:03.0 0.5, 5.46N:94.35E, h48km, mb4.6/22, mb1 4.6/23, mb1mx4.5/26, Error ellipse: s-maj=17.0km s-min=9.6km az=38.0

CSEM 27 02:53:04.1, 6.24N:94.23E, h33km, mb5.7, ISC 27 02:53:01.0 0.3, 5.36N:100.05E, h47km, h47km, n2, 1km, pp-P, n15, e154/206, mb5.0/61, MS4.6/6, 20C-1D, Northern Sumatra

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

Table of astronomical observations for 27d 3h, listing stations like BRTR, ISP, MOS, OBN, etc., and objects like Keskin Array B, Malin Array B, etc., with associated coordinates and magnitudes.

Table of astronomical observations for 2004 DEC, listing stations like LPL, FRF, HAU, LMR, etc., and objects like La Plagne, La Forest Royal, etc., with associated coordinates and magnitudes.

Table of astronomical observations for 2004 DEC, listing stations like CTA, CTB, CTG, etc., and objects like Charters Tower, GUMO, etc., with associated coordinates and magnitudes.





Table with columns: INK, Inuvik, 95.86, 16, P, P, 03 26 56.7 +0.4

IDC 27 03:18:04.21.2, 1.6, 6.47N-91.58E, mb4.1/9, mb1 4.3/10, mb1mx4.1/21, ML4.1/1, Error ellipse: s-maj=37.0km s-min=27.3km az=40.0

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

IDC 27 03:22:24.6.2, 2.6, 23N-93.16E, mb4.0/5, mb1 4.1/6, mb1mx3.8/19, ML4.3/1, Error ellipse: s-maj=78.2km s-min=22.0km az=63.0, Nicobar Islands region

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

IDC 27 03:27:09.9.8.6, 9.04N-93.32E, mb4.0/6, mb1 4.1/6, mb1mx3.8/19, Error ellipse: s-maj=204.0km s-min=97.0km az=137.0

IDC 27 03:27:12.1.2, 8.9N-0.3, 93.4E-0.7, h33km, n13, c0564/13, mb4.0/6, Nicobar Islands region

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

IDC 27 03:29:11.9.8.6, 8.12N-92.33E, mb4.0/7, mb1 4.2/8, mb1mx3.9/19, ML4.6/1, Error ellipse: s-maj=198.0km s-min=40.9km az=148.0

IDC 27 03:29:08.3.2.5, 7.3N-0.3, 93.2E-0.2, h33km, n15, c0518/15, mb4.0/3/11, Nicobar Islands region

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

IDC 27 03:29:50.0.0.5, 3.46N-94.23E, mb4.6/23, mb1 4.7/24, mb1mx4.7/27, ML4.7/1, Error ellipse: s-maj=21.5km s-min=11.5km az=48.0

BUI 27 03:29:52.7, 3.43N-94.31E, h28km, mb5.3, mb4.9, Ms4.7, Ms2.4

MOS 27 03:29:53.0.0.9, 3.49N-94.32E, h33km, mb4.9/17, Error ellipse: s-maj=15.3km s-min=7.9km az=113.9

NEIC 27 03:29:54.0.3, 3.45N-94.27E, h30km, mb4.8/14, Error ellipse: s-maj=9.1km s-min=6.2km az=56.0

IDC 27 03:29:53.2.4, 3.45N-0.07, 94.32E-0.08, h33km, 20km, h15km, 5.7km, pP-P, n99, c0888/94, mb4.7/52, MS4.5/2,

9C-40, Off west coast of northern Sumatra

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

IDC 27 03:34:22.5.1.0, 4.26N-93.80E, mb4.2/9, mb1 4.3/9, mb1mx4.1/19, Error ellipse: s-maj=47.1km s-min=19.5km az=49.0

NEIC 27 03:34:21.0.6, 4.20N-93.79E, h30km, mb4.5/4, Error ellipse: s-maj=26.1km s-min=10.3km az=53.0

IDC 27 03:34:25.1.0.9, 4.2N-0.2, 93.8E-0.2, h30km, n13, c0575/13, mb4.3/13, Off west coast of northern Sumatra

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

IDC 27 03:37:41.5.0.6, 7.78N-92.27E, h25km, 2km, mb4.1/17, mb1 4.2/18, mb1mx4.1/24, ML4.2/1, Error ellipse: s-maj=19.3km s-min=14.6km az=40.0

NEIC 27 03:37:41.9.7, 7.70N-92.30E, h31km, mb5.3, mb4.4 BUI 27 03:37:41.9.7, 7.70N-92.30E, h31km, mb5.3, mb4.4

IDC 27 03:40:0.0.5, 7.71N-0.06, 92.31E-0.07, h30km, h30km, 9km, pP-P, n45, c0583/41, mb4.3/30, 2C, Nicobar Islands region

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

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

IDC 27 03:34:22.5.1.0, 4.26N-93.80E, mb4.2/9, mb1 4.3/9, mb1mx4.1/19, Error ellipse: s-maj=47.1km s-min=19.5km az=49.0

NEIC 27 03:34:21.0.6, 4.20N-93.79E, h30km, mb4.5/4, Error ellipse: s-maj=26.1km s-min=10.3km az=53.0

IDC 27 03:34:25.1.0.9, 4.2N-0.2, 93.8E-0.2, h30km, n13, c0575/13, mb4.3/13, Off west coast of northern Sumatra

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

IDC 27 03:37:41.5.0.6, 7.78N-92.27E, h25km, 2km, mb4.1/17, mb1 4.2/18, mb1mx4.1/24, ML4.2/1, Error ellipse: s-maj=19.3km s-min=14.6km az=40.0

NEIC 27 03:37:41.9.7, 7.70N-92.30E, h31km, mb5.3, mb4.4 BUI 27 03:37:41.9.7, 7.70N-92.30E, h31km, mb5.3, mb4.4

IDC 27 03:40:0.0.5, 7.71N-0.06, 92.31E-0.07, h30km, h30km, 9km, pP-P, n45, c0583/41, mb4.3/30, 2C, Nicobar Islands region

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



Table with columns: AAK, Ala-Archa, 38.16 339 eP, P, 03 44 59.2 +0.7, etc. Lists various stations and their coordinates.

Table with columns: KOLD, Koldana, 24.59 336 eP, P, 03 51 29.9 +0.4, etc. Lists various stations and their coordinates.

Table with columns: HFS, comp=Z, 1.3nm, 0.4s, mb4.2, baz=117, slow=6.4, SNR=10, etc. Lists various stations and their coordinates.

IDC 27 03:45:42.5-6.5, 6.02N-95.10E, mb3.9/2, mb1 4/2,3, mb1mx3.6/18, ML4.5/1, Error ellipse: s-maj=176.0km s-min=42.0km az=80.0, Nicobar Islands region

IDC 27 03:51:11.4, 0.9, 9.52N-91.66E, mb4.3/12, mb1 4.4/13, mb1mx3.9/20, ML4.1/1, Error ellipse: s-maj=37.1km s-min=15.7km az=56.0

IDC 27 03:50:25.9-1.2, 11.44N-92.61E, mb4.0/6, mb1 4.2/7, mb1mx3.9/19, ML4.3/1, Error ellipse: s-maj=41.3km s-min=21.7km az=52.0

NEIC 27 03:50:31.0, 0.9, 11.44N-92.73E, h30km, mb4.3/12, Error ellipse: s-maj=25.7km s-min=15.3km az=66.0

ISC 27 03:50:28.0-0.9, 11.5N, 0.1-92.7E-0.1, h30km, time, 03:50:28.0, mb4.0/9, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Northern Sumatra.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Nicobar Islands region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Nicobar Islands region.

IDC 27 03:51:11.4, 0.9, 9.52N-91.66E, mb4.3/12, mb1 4.4/13, mb1mx3.9/20, ML4.1/1, Error ellipse: s-maj=37.1km s-min=15.7km az=56.0

BUI 27 03:51:13.6, 9.60N-91.71E, h14km, mb5.1, mb4.6, Error ellipse: s-maj=13.2km s-min=9.7km az=72.0

ISC 27 03:51:11.8, 0.5, 9.38N-0.08-91.7E-0.1, h18km, h18km±1.6km, p-P, n95, 0:999/30, mb4.6/25, 1K, Nicobar Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Northern Sumatra.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Nicobar Islands region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Lists stations in Nicobar Islands region.

























27d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like XAN Xi'an, MBWA Marble Bar, JOW Kunigami, BTO Baotou, etc.

MOS 27 05:50:10.2,0.9, 8.02N,92.11E, h33km, mb5.2/35, Error ellipse: s-maj=1.1, km s-min=6.2km az=117.0
NEIC 27 05:50:12.0,0.3, 8.02N,92.10E, mb4.9/26, Error ellipse: s-maj=8.4km s-min=6.3km az=0.0
BUJ 27 05:50:11.9, 8.00N,92.10E, h32km, mb5.1, mb4.6, Ms5.0, Ms2.7
HRVD 27 05:50:12.0,0.5, 8.04N,92.01E, h18km, mb2km, MW5.2/59, Centroid moment Tensor Solution. LP body waves: s16,c25,Manila waves: s6,c107; Half duration: 1s0
Moment tensor: Scale 10^16Nm; Mw=20.34; Mw=5.22; 29; Mw=5.01; 30; Mw=3.29; 89; Mw=4.34; 27; Mw=2.90; 87; Best double couple: M7.89x10^16 NPT: 0x118^x161^x-173^x. NP2=24^x84^x; 30^x. Principal axes: T:7.05, Plg16^x, Azm75^x; N:1.66, Plg60^x, Azm194^x; P: -8.72, Plg25^x, Azm337^x; nsta2 refers to surface waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.
IDC 27 05:50:15.0,4.5, 8.09N,92.09E, h56km, mb39km, mb4/21, mb1.4/4/22, mb1mx4.4/27, ML4.5/1, MS4.6/7, Ms1.6/7, ms1mx4.1/19 Error ellipse: s-maj=20.5km s-min=12.2km az=33.0
ISC 27 05:50:09.6,0.4, 8.03N,0.05,92.10E,0.04, h27km, h27km, 1.7km; p-P, n178, r1904/175, mb4.9/66, MS4.7/14, 7C-7D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, CHG Chiang Mai, VIS Vishakhapatnam, TRD Trivandrum, AGT Agartala, HYB Hyderabad, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GOA Karad, QIZ Qiongzonghu, DMN Daman, POO Poona, GUN Gumba, BHPL Bhopal, etc.

858

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BRVK Borovoye, BRVK Chkalovo, CHKZ Warramunga Arr, MAT Matsushiro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Dobruska-Polom, KSP Ksiaz, UPC Upec, etc.

BUI 27 05:57:28.8, 0.03N-92.03E, h31km, mb5.2, mb4.9, Ms4.7, Ms2.6
MOS 27 05:57:29.5, 1.0, 0.83N-92.05E, h33km, mb5.0/1.0, Error ellipse: s-maj=18.1km s-min=11.0km az=101.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like GTA comp=N,559nm,14.1s,MS4.5, NJ2 Nanjing, etc.

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

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

NEIC 27 05:59:35.4, 37.51S, 177.27E, h139km, After WEL, WEL 27 05:59:35.6, 0.2, 37.48S-177.29E, h137km, 2km, ML3.8/7, 4C-1D, Error ellipse: s-maj=1.2km s-min=1.1km az=90.0, East coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WIZ White Island, MARZ Manawatu, etc.

IDC 27 05:57:42.4, 0.4, 0.8, 16N-92.08E, h49km, 37km, mb4.3/25, s-maj=4.3/26, mb1mx4.3/27, ML4.4/1, Error ellipse: s-maj=19.5km s-min=11.6km az=46.0
ISC 27 05:57:35.0, 0.4, 0.8, 13N-0.08E, 92.06E, 0.08, h10km, n64,











GTA	PP	PP	07 07 40.3 -1.4		
GTA	PcP	PcP	07 08 43.0 +1.5		
GTA	S	S	07 11 53.8 -3.2		
GTA	SCP	SCP	07 12 27.0		
GTA	SCS	SCS	07 16 32.0 +2.1		
GTA	AMB	AMB			
comp=Z,46nm,1.9s,mb5.1					
GTA	AMB	AMB			
comp=Z,586nm,8.0s					
GTA	LR	LR			
comp=N,3um,14.1s,MS5.2					
GTA	LR	LR			
comp=E,2um,15.7s,MS5.2					
GTA	LR	LR			
comp=Z,4um,14.9s,MS5.3					
SSE	P	P	07 06 22.3 +0.4		
SSE	PP	PP	07 07 46.8 -1.6		
SSE	S	S	07 12 07.0 +2.1		
SSE	AMB	AMB			
comp=Z,65nm,1.2s,mb5.3					
SSE	AMB	AMB			
comp=Z,460nm,4.1s					
SSE	LR	LR			
comp=N,4um,14.1s,MS5.5					
SSE	LR	LR			
comp=E,3um,14.0s,MS5.5					
SSE	LR	LR			
comp=Z,8um,17.1s,MS5.5					
TIA	eP	P	07 06 34.8 -0.7		
TIA	S	S	07 12 31.0 +1.3		
TIA	AMB	AMB			
comp=Z,270nm,2.0s,mb5.6					
TIA	LR	LR			
comp=N,2um,16.0s,MS5.2					
TIA	LR	LR			
comp=E,2um,16.8s,MS5.2					
JOW	P	P	07 06 41.6 +0.2		
Kunigami	39.29 50				
comp=E,48nm,0.7s,mb5.3,baz=228,slow=6.5,SNR=18					
JOW	PP	PP	07 06 49.3 -0.1		
comp=E,66nm,0.6s,baz=216,slow=9.6,SNR=10					
JOW	LR	LR	07 05 45.7		
comp=E,1um,18.1s,MS4.8,baz=241,slow=40					
BTO	eP	P	07 06 44.5 +0.2		
BTO	S	S	07 12 47.3 +1.6		
BTO	AMB	AMB			
comp=Z,118nm,1.7s,mb5.3					
BTO	LR	LR			
comp=N,3um,13.9s,MS5.4					
BTO	LR	LR			
HHC	AP	P	07 06 51.5 +1.4		
HHC	XP	P	07 07 59.0 +0.8		
HHC	siP	P	07 07 02.3 +0.8		
HHC	PP	P	07 08 28.8 +2.3		
HHC	SCP	SCP	07 12 42.3		
HHC	PcS	PcS	07 12 44.5		
HHC	S	S	07 12 56.5 +0.3		
HHC	XS	XS	07 15 48.5 -1.5		
HHC	SS	SS	07 16 54.5 +2.2		
HHC	SCS	SCS			
HHC	AMB	AMB			
comp=Z,201nm,1.4s,mb5.7					
HHC	AMB	AMB			
comp=Z,1um,4.9s					
HHC	LR	LR			
comp=N,10um,14.6s,MS5.8					
HHC	LR	LR			
comp=E,4um,14.5s,MS5.8					
HHC	LR	LR			
comp=Z,9um,16.9s,MS5.7					
HHC	LR	LR			
KSH	Kashi	40.48 336			
KSH	AP	P	07 06 52.0 +1.0		
KSH	XP	P	07 07 01.3 +2.2		
KSH	PP	PP	07 08 29.0 +1.3		
KSH	PcP	PcP	07 08 57.8 +3.7		
KSH	SCP	SCP	07 12 42.3		
KSH	PcS	PcS	07 12 45.5		
KSH	S	S	07 12 58.3 +0.4		
KSH	XS	XS	07 13 10.5		
KSH	SS	SS	07 15 49.0 -3.4		
KSH	SCS	SCS	07 16 54.8 +1.8		
KSH	AMB	AMB			
comp=Z,400nm,4.1s					
KSH	LR	LR			
comp=N,2um,15.5s,MS5.2					
KSH	LR	LR			
comp=E,2um,20.4s,MS5.2					
NWAO	P	P	07 06 57.9 +0.9		
Narrogin (SRO)	41.20 152				
comp=E,47nm,0.6s,mb5.2,baz=324,slow=11,SNR=12					
NWAO	eP	P	07 06 57.6 +0.6		
NWAO	ppmax	ppmax			
comp=Z,100nm,1.1s					
NWAO	eP	P	07 06 57.6 +0.6		
Narrogin (SRO)	41.20 152				
comp=Z,100nm,1.1s,mb5.4					
WMQ	Urumqi	41.25 351			
WMQ	AP	P	07 06 59.3 +2.0		
WMQ	XP	P	07 07 09.3 +3.9		
WMQ	PP	PP	07 07 13.3 +4.6		
WMQ	SCP	SCP	07 13 10.5 +1.2		
WMQ	S	S			
comp=Z,117nm,1.3s,mb5.3					
WMQ	AMB	AMB			
comp=N,1um,22.8s,MS5.1					
WMQ	LR	LR			
comp=E,3um,21.3s,MS5.1					
WMQ	LR	LR			
comp=Z,1um,23.0s,MS4.7					
WMQ	LR	LR			
BJT	Baijiatuu	41.32 24			
BJT	eP	P	07 06 59.4 +1.4		
BJT	pp	pp	07 07 07.6 +1.6		
BJT	ePmax	ePmax			
comp=Z,325nm,1.1s					
BJT	eP	P	07 06 59.4 +1.4		
Baijiatuu	41.32 24				
comp=Z,325nm,1.1s,mb5.9					
BJT	eP	P	07 07 07.6 +1.5		
Beijing	41.34 24				
BJI	P	P	07 06 59.5 +1.4		
BJI	S	S	07 13 12.8 +2.0		
comp=Z,291nm,1.1s,mb5.8					
BJI	AMB	AMB			
comp=Z,2um,4.2s					
BJI	LR	LR			
comp=N,792nm,15.1s,MS5.4					
BJI	LR	LR			
comp=E,4um,15.7s,MS5.4					
BJI	LR	LR			
comp=Z,3um,16.2s,MS5.2					
ULHL	Ulahoi	42.73 339			
ULHL	P	P	07 07 11.1 +1.6		
SNR=15					
Dalain	42.92 30				
DL2	AP	P	07 07 12.3 +1.1		
DL2	siP	P	07 07 17.0 -2.2		
DL2	S	S	07 13 33.5 -0.6		
AMB	AMB	AMB			
comp=Z,140nm,1.1s,mb5.6					
DL2	AMB	AMB			
comp=Z,330nm,3.8s					
DL2	LR	LR			
comp=N,2um,18.0s,MS5.2					
DL2	LR	LR			
comp=E,1um,15.0s,MS5.2					
DL2	LR	LR			
comp=Z,3um,16.6s,MS5.2					
KZA	Kyzart	42.96 338			
KZA	P	P	07 07 12.9 +1.6		
SNR=16					
UCH	Uchtor	43.37 337			
UCH	P	P	07 07 16.4 +1.7		
SNR=51					
AAA	Alma-Ata	43.39 340			
AAA	eP	P	07 07 15.0 +0.1		
AAA	S	S	07 13 40.0 -0.8		
comp=Z,900nm,2.0s,mb6.2					
AAA	ppmax	ppmax			
comp=E,2um,9.0s					
AAA	smr	smr			
comp=Z,1um,19.0s,MS4.7					
TKM2	Tokmak 2	43.56 339			
TKM2	P	P	07 07 17.3 +1.1		
SNR=16					
KBK	Karagaybulak	43.57 338			
KBK	P	P	07 07 16.3 0.0		
SNR=6.5					
AML	Almayashu	43.61 336			
AML	P	P	07 07 18.4 +1.7		
SNR=39					
AAK	Ala-Archa	43.72 337			
AAK	P	P	07 07 19.7 +2.1		
SNR=17					
AAK	Ala-Archa	43.72 337			
AAK	eP	P	07 07 17.8 +0.2		
comp=Z,21nm,0.8s,mb4.9					
AAK	ppmax	ppmax			
comp=Z,21nm,0.8s,mb4.9					
AAK	eP	P	07 07 17.8 +0.2		

FRU	Bishkek	43.84 338			
FRU	comp=Z,160nm,2.0s,mb5.4				
FRU	MLR	MLR			
FRU	comp=Z,2um,18.0s,MS5.1				
FRU	ppmax	ppmax			
CHMS	Chumysh	44.38 334			
CHMS	P	P	07 07 20.6 +1.3		
SNR=10					
EKSZ	Erkin-Say	44.02 337			
EKSZ	P	P	07 07 21.1 +1.1		
USP	Ospenovka	44.26 338			
USP	P	P	07 07 22.8 +0.8		
SNR=25					
WRA	Warramunga Arr	44.38 123			
WRA	P	P	07 07 22.8 -0.4		
comp=Z,20nm,0.9s,mb4.8,baz=301,slow=9.0,SNR=40					
WRAB	Tennant Creek	44.38 123			
WRAB	eP	P	07 07 22.6 -0.6		
comp=Z,56nm,0.9s,mb5.3					
WRAB	ppmax	ppmax			
comp=Z,798nm,20.0s,MS4.6					
WRAB	MLR	MLR			
comp=Z,56nm,0.9s,mb5.3					
WRAB	LR	LR			
comp=Z,798nm,20.0s,MS4.6					
WRAB	LR	LR			
KS15	Wonju Array Si	45.33 37			
KS15	P	P	07 07 30.3 -0.3		
SOMN	Songino Array	45.64 10			
SOMN	P	P	07 07 33.0 +0.1		
comp=Z,90nm,1.2s,mb5.6,baz=198,slow=7.8,SNR=100					
SOMN	pp	pp	07 07 41.3 +0.3		
comp=Z,34nm,0.6s,baz=190,slow=8.8,SNR=27					
SOMN	PcP	PcP	07 09 11.9 +0.6		
comp=Z,8.6nm,0.8s,baz=195,slow=4.2,SNR=5.1					
SOMN	PcP	PcP	07 09 19.9		
ASAR	Alice Springs	45.78 127			
ASAR	P	P	07 07 33.8 -0.5		
comp=Z,5.0nm,0.6s,baz=196,slow=4.0,SNR=4.6					
ASAR	pp	pp	07 07 42.0 -0.4		
comp=Z,5.8nm,0.8s,mb4.5,baz=301,slow=7.4,SNR=29					
ASAR	PcP	PcP	07 09 12.1 -0.1		
comp=Z,6.7nm,0.5s,baz=300,slow=7.7,SNR=18					
ASAR	PcP	PcP	07 09 12.1 -0.1		
ULN	Ulaanbaatar	45.79 11			
ULN	eP	P	07 07 33.9 -0.2		
comp=Z,73nm,1.4s,mb5.4					
ULN	ppmax	ppmax			
ULN	MLR	MLR			
comp=Z,4um,19.0s,MS5.3					
ULN	LR	LR			
ULN	LR	LR			
comp=Z,4um,19.0s,MS5.3					
ULN	LR	LR			
SNY	Shenyang	46.11 29			
SNY	P	P	07 07 36.5 -0.2		
SNY	AP	P	07 07 45.0 +0.2		
SNY	S	S	07 14 17.3 -2.7		
comp=Z,110nm,1.5s,mb5.6					
SNY	AMB	AMB			
comp=Z,480nm,7.6s					
SNY	LR	LR			
comp=N,5um,17.4s					
SNY	LR	LR			
ZAK	Zakamensk	47.67 7			
ZAK	P	P	07 07 48.3 -0.6		
CN2	Changchun	48.50 29			
CN2	PP	PP	07 09 54.0 -1.9		
CN2	eS	eS	07 14 54.3 +0.5		
CN2	AMB	AMB			
comp=Z,90nm,1.2s,mb5.7					
CN2	AMB	AMB			
comp=Z,830nm,3.0s					
CN2	AMB	AMB			
comp=N,4um,16.0s,MS5.7					
CN2	LR	LR			
comp=E,5um,16.0s,MS5.7					
CN2	LR	LR			
MOY	Mony	48.72 5			
MOY	eP	P	07 07 57.2 +0.2		
TYL	Talaya	48.99 7			
TYL	P	P	07 07 59.9 +0.8		
comp=Z,181nm,1.4s,mb5.9,SNR=11					
TYL	eP	P	07 07 59.1 0.0		
TYL	P	P	07 08 02.7 -0.1		
TYL	eS	eS	07 14 57.5 -3.2		
TYL	SCS	SCS	07 17 48.7 +2.2		
comp=Z,48nm,1.1s,mb5.4					
TYL	ppmax	ppmax			
TYL	MLR	MLR			
comp=Z,					



Table of station data for the 27h 7h section, including columns for station name, frequency, power, and other technical details.

Table of station data for the 2004 DEC section, including columns for station name, frequency, power, and other technical details.

IDC 27:07:08:15.3, 8.8, 9.19N-93.86E, mb4.17, mb1 4.2/7, mb1mx4.0/18, Error ellipse: s-maj=263.0km

Table of station data for the IDC 27:07:08 section, including columns for station name, frequency, power, and other technical details.

IDC 27:10:48:3.4, 1.7, 3.4S, 128.78E, h78km, 38km, mb4.0/6, mb1 4.2/8, mb1mx4.1/14, ML4.2/3, Error ellipse: s-maj=36.5km s-min=13.6km az=52.0

Table of station data for the IDC 27:10:48 section, including columns for station name, frequency, power, and other technical details.

MOS 27:07:15:03.1, 1.1, 1.136N, 92.09E, h33km, mb4.9/14, Error ellipse: s-maj=13.9km s-min=7.6km az=120.0

Table of station data for the MOS 27:07:15 section, including columns for station name, frequency, power, and other technical details.

IDC 27:07:05:01.0, 1.6, 29.03S, 176.86W, mb4.3/3, mb1 4.3/4, mb1mx4.1/14, ML3.5/1, Error ellipse: s-maj=52.2km s-min=27.8km az=137.0

Table of station data for the IDC 27:07:05 section, including columns for station name, frequency, power, and other technical details.

Table of station data for the 2004 DEC section, including columns for station name, frequency, power, and other technical details.

IDC 27:07:05:10.8, 2.1, 29.29S-177.04W, h76km, 14km, mb4.6/1, 1C-2D, s-maj=28.5km s-min=25.6km az=95.0, Kermadec Islands

Table of station data for the IDC 27:07:05 section, including columns for station name, frequency, power, and other technical details.



Table with columns: LPL, comp-Z, 5.0nm, 0.6s, mb4.6, ESCD, Sonseca Array, 87.42 310 P P, ILAR, Eielson Array, 92.21 22 P P, INK, Inuvik, 94.13 15 P P, YKA, Yellowknife A, 103.43 12 PKP, PDAR, Pinedale Array, 122.53 19 PKP, NVAR, Mina Array, 122.83 28 PKP, TXAR, Lajitas Array, 136.71 20 PKP, BDFB, Brasilia, 141.05 259 PKP, PCRV, Puerto La Cruz, 148.46 312 PKP, SDV, Santo Domingo, 153.51 319 PKP, SDV, Santo Domingo, 153.51 319 PKP, ROSC, El Rosal, 158.94 319 PKP

IDC 27 07:20:10.1±1.4, 9.15N-93.06E, mb3.8/4, mb1 4.0/4, mb1mx3.7/17, Error ellipse: s-maj=294.0km s-min=24.7km az=41.0, Nicobar Islands region

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

IDC 27 07:23:45.7±1.1, 8.42N-93.50E, mb3.9/6, mb1 4.1/7, mb1mx3.9/18, ML4.3/17, Error ellipse: s-maj=48.3km s-min=22.2km az=49.0

ISC 27 07:23:49.2±0.9, 8.4N-0.1-93.6E-0.1, h33km, n14, c076/14, mb4.1/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations CMAR, VIS, PKI, DMN, GUN, KKN, GKN, KOLN, ZAL, WRA, ASAR, BRTR, ILAR.

IDC 27 07:32:35.4±0.7, 12.29N-92.39E, mb4.1/13, mb1 4.2/14, mb1mx4.1/20, ML4.3/17, MS3.5/1, Ms1 3.7/1, ms1mx2.9/24, Error ellipse: s-maj=29.1km s-min=16.4km az=50.0

BUI 27 07:32:36.0, 12.19N-92.63E, h21km, mb5.4, mb4.6, NEIC 27 07:32:38.6±0.4, 12.35N-92.50E, mb4.5/8, Error ellipse: s-maj=9.0km s-min=207.0

ISC 27 07:32:36.7±0.5, 12.42N-0.06-92.43E-0.04, h20km, h20km-2.1km, pp-P, n45, c1911/46, mb4.2/24, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations CMAR, VIS, PALK, BOK, BLSP, BHP, PKI, GUN, DMN, KKN, GKN, KOLN, BHP, POO, GYA, CD2, ENH, LZH, XAN, GTA, GAT, SONM, ZAL, CN2, BVAR, CHKZ, GNI, WRA, WRAB, WSAR.

IDC 27 07:47:31.7±0.4, 2.77N-94.62E, mb4.9/26, mb1 4.9/27, mb1mx5.1/24, Error ellipse: s-maj=14.3km s-min=8.1km az=38.0

BUI 27 07:47:33.6±2.7, 78N-94.53E, h19km, mb6.0, mb5.3, Ms5.9, Ms2.7

NEIC 27 07:47:35.4±0.1, 2.71N-94.51E, mb5.3/41, MS5.6/113, Error ellipse: s-maj=5.1km s-min=3.5km az=36.0

HRVD 27 07:47:35.4±0.2, 2.48N-94.42E, h12km, MW5.5/69, Centroid moment Tensor Solution. LP body waves: s47, c90, Mantle waves: s69, c140; Half duration: 1s3 Moment tensor: Scale 10^17Nm; Mr: 1.83e+03; Mw: -1.1e+03; Mw-0.7e+03; Mw0.54e+07; Mw0.96e+02; Mw-0.64e+08; Best double couple: M2.04x10^17 NP1: phi=305°, delta=33°, lambda=82°, NP2: phi=134°, delta=57°, lambda=95°, Principal axes: T2.01, P177°, Azm60°; N.06, P14°, Azm31°; P-2.06, P12°, Azm220°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 27 07:47:36.6±1.1, 3.04N-94.43E, h33km, Ms5.5/33, MS5.6/68 Error ellipse: s-maj=12.0km s-min=6.0km az=111.7

SYO 27 07:47:36.4±2.6, 69N-94.49E, h33km, MB5.4, MS5.6 CSEM 27 07:47:38.3±3.5, 53N-94.80E, h33km, mb5.8

ISC 27 07:47:38.8±0.2, 2.70N-0.03-94.54E-0.02, h25km, h25km-7km, pp-P, n44, c1505/340, mb5.2/107, MS5.6/147, ISC-11D, Off West coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations SNG, PALK, PULI, COCO, KTKT, CM31, CMAR, CMAR, CHG, NANT, MDRS.

Table with columns: BRTR, Keskin Array B, 58.23 309 P P, AKASA, Malin Array B, 63.58 321 P P, STKA, comp=2.4, 2nm, 1.1s, mb4.3, baz=5.8, slow=7.5, SNR=4.5, ARCAS, ACCESS Array B, 70.45 340 P P, ARCAS, ACCESS Array B, 70.45 340 P P, MORC, Moravsky Array B, 70.45 319 P P, GERES, GERES Array B, 73.35 317 P P, NB2, NORSAR Array B, 74.92 324 P P, NOA, NORSAR Array B, 74.92 310 P P, LBTB, Lobatse, 75.00 240 P P, LPL, La Plagne, 78.26 314 P P, ILAR, Eielson Array, 91.18 22 P P, NVAR, Mina Array B, 91.28 28 PKP, TXAR, Lajitas Array, 135.68 20 PKP, LPAZ, La Paz, 160.78 256 PKP

IDC 27 07:33:34.2±0.6, 6.08N-93.28E, mb4.2/15, mb1 4.4/15, mb1mx4.3/21, Error ellipse: s-maj=31.0km s-min=13.4km az=43.0

BUI 27 07:33:37.4, 6.15N-93.68E, h22km, mb4.7, NEIC 27 07:33:39.0±0.4, 6.08N-93.30E, h30km, mb4.3/3, Error ellipse: s-maj=18.3km s-min=8.1km az=47.0

ISC 27 07:33:36.6±0.6, 6.1N-0.1-93.9E-0.1, h30km, n24, c066/19, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations XAN, AAK, SONM, WRA, ZAL, ASAR, BVAR, BRVK, CHKZ, PMG, KMBO, CTA, ASF, STKA, BRTR, AKASA, FINES, GERES, ULM, PDAR, ANMO, ANMO, TXAR.

IDC 27 07:43:06.8±1.9, 0.94S-91.89E, mb4.2/5, mb1 4.4/5, mb1mx4.0/18, Error ellipse: s-maj=76.4km s-min=23.8km az=51.0, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations WRA, ASAR, SONM, BVAR, GERES.

IDC 27 07:47:31.7±0.4, 2.77N-94.62E, mb4.9/26, mb1 4.9/27, mb1mx5.1/24, Error ellipse: s-maj=14.3km s-min=8.1km az=38.0

BUI 27 07:47:33.6±2.7, 78N-94.53E, h19km, mb6.0, mb5.3, Ms5.9, Ms2.7

NEIC 27 07:47:35.4±0.1, 2.71N-94.51E, mb5.3/41, MS5.6/113, Error ellipse: s-maj=5.1km s-min=3.5km az=36.0

HRVD 27 07:47:35.4±0.2, 2.48N-94.42E, h12km, MW5.5/69, Centroid moment Tensor Solution. LP body waves: s47, c90, Mantle waves: s69, c140; Half duration: 1s3 Moment tensor: Scale 10^17Nm; Mr: 1.83e+03; Mw: -1.1e+03; Mw-0.7e+03; Mw0.54e+07; Mw0.96e+02; Mw-0.64e+08; Best double couple: M2.04x10^17 NP1: phi=305°, delta=33°, lambda=82°, NP2: phi=134°, delta=57°, lambda=95°, Principal axes: T2.01, P177°, Azm60°; N.06, P14°, Azm31°; P-2.06, P12°, Azm220°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 27 07:47:36.6±1.1, 3.04N-94.43E, h33km, Ms5.5/33, MS5.6/68 Error ellipse: s-maj=12.0km s-min=6.0km az=111.7

SYO 27 07:47:36.4±2.6, 69N-94.49E, h33km, MB5.4, MS5.6 CSEM 27 07:47:38.3±3.5, 53N-94.80E, h33km, mb5.8

ISC 27 07:47:38.8±0.2, 2.70N-0.03-94.54E-0.02, h25km, h25km-7km, pp-P, n44, c1505/340, mb5.2/107, MS5.6/147, ISC-11D, Off West coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations SNG, PALK, PULI, COCO, KTKT, CM31, CMAR, CMAR, CHG, NANT, MDRS.

Table with columns: MDRS, comp=Z, 1.67nm, 2.2s, e, CHRT, Chiangrai, 17.82 16 PG, CHRT, Trivandrum, 18.41 289 eP, TRD, KOD, Kodaikanal, 18.53 295 eP, KOD, Vishakhapatnam, 18.54 324 eP, VIS, comp=Z, 2.14nm, 1.6s, eS, VIS, Hyderabad, 21.45 314fP, HYB, comp=Z, 6.7nm, 1.6s, mb4.7, eS, HYB, Hyderabad, 21.45 314fP, HYB, comp=Z, 2.8nm, 16.0s, eS, IMP, Imphal, 21.96 359 eP, MNGI, Mangalore, 22.00 299 iP, MNGI, Qiongzhou, 22.08 42 iS, QIZ, comp=Z, 3um, 13.5s, QIZ, comp=N, 19um, 17.5s, MS5.7, QIZ, comp=E, 16um, 18.1s, MS5.7, QIZ, comp=Z, 2.25um, 17.8s, MS5.7, QIZ, Qiongzhou, 22.08 42 eP, SRDI, Scrawed, 22.49 120f eP, SRDI, comp=Z, 1.90nm, 1.0s, mb5.3, SRDI, comp=Z, 1.26nm, 1.0s, mb5.3, BOK, Bokaro, 22.57 339 eP, BOK, comp=Z, 2.72nm, 2.4s, BOK, BLSP, Bilaspur, 22.76 329 eP, BLSP, comp=Z, 3.38nm, 1.1s, BLSP, SHL, Shillong, 22.87 354 eP, SHL, comp=Z, 3.59nm, 1.6s, SHL, SHL, Kunming, 23.65 19 eS, KMI, comp=Z, 1.82nm, 2.0s, mb5.2, KMI, comp=Z, 4um, 4.8s, KMI, comp=N, 15um, 10.2s, MS5.9, KMI, comp=E, 12um, 10.2s, MS5.9, KMI, NGP, Nagpur, 23.74 322f eP, RATI, Rata, 23.81 119f eP, BATA, Bataraza, 23.92 74 eP, GOA, Goa, 24.02 303 eP, GOA, comp=Z, 60nm, 0.3s, GOA, comp=Z, 1.05nm, 1.3s, KEDI, Kedondong, 24.22 118f eP, AKL, Akola, 24.73 318 eP, PPR, Puerto Princesa, 25.04 73f eP, TANI, Tanete Lijupan, 25.57 104f eP, ALBI, Allahabad, 25.60 333 eP, POO, Poona, 25.65 309 eP, ENPP, El Nido, 26.09 70 eS, PKI, Pulchoki, 26.22 341 eP, BHP, Bhopal, 26.30 322 eP, GUY, Guiyang, 26.33 251f eP, BHP, comp=Z, 1.10nm, 0.7s, mb5.5, GYA, comp=N, 17um, 18.3s, MS5.8, GYA, comp=E, 12um, 15.3s, MS5.8, DMN, Daman, 26.36 341 eP, GUN, Gumba, 26.39 343 eP, KKN, Kakani, 26.47 341 eP, GKN, Gorakha, 26.88 340 eP, KOLN, Koldanda, 27.03 338 eP, LSA, Lhasa, 27.04 354 eP, LSA, comp=Z, 2.25nm, 0.6s, mb5.9, CUYO, Cuyo Island, 27.49 72 eP, SJMP, San Jose, 28.05 68 eP, TGY, Tagaytay City, 28.42 68 eP, OTRP, Ooteron, 28.86 59 eP, LOP, Lukban, 28.97 65f eP, BCPH, Baguio City Da, 29.00 60f eP, PAGZ, Pagadian, 29.16 79 eP, CD2, Chengdu, 29.38 16f eP, CD2, Gumba, 29.46 34f eP, CD2, comp=Z, 1.0um, 10.2s, MS5.8, CD2, Pithoragarh, 29.96 334 eP, PTH, Ponnai, 30.21 68 eP, NDI, New Delhi, 30.65 329 eP, NDI, comp=Z, 2.77nm, 1.3s, BUKP, Bhubaneswar, 30.82 79 eP, ENH, Enshi, 30.86 26 eP, ENH, comp=Z, 3.6nm, 0.9s, mb5.2, OCLP, Compoc, 30.96 73 eP, PVCP, Virac, 31.21 68 eP, DAV, Davao City (W), 31.22 81 eP, DDI, Dehra Dun, 31.59 332 eP, SDNR, Sundarnagar, 33.09 332 eP

IDC 27 07:33:34.2±0.6, 6.08N-93.28E, mb4.2/15, mb1 4.4/15, mb1mx4.3/21, Error ellipse: s-maj=31.0km s-min=13.4km az=43.0

BUI 27 07:33:37.4, 6.15N-93.68E, h22km, mb4.7, NEIC 27 07:33:39.0±0.4, 6.08N-93.30E, h30km, mb4.3/3, Error ellipse: s-maj=18.3km s-min=8.1km az=47.0

ISC 27 07:33:36.6±0.6, 6.1N-0.1-93.9E-0.1, h30km, n24, c066/19, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations XAN, AAK, SONM, WRA, ZAL, ASAR, BVAR, BRVK, CHKZ, PMG, KMBO, CTA, ASF, STKA, BRTR, AKASA, FINES, GERES, ULM, PDAR, ANMO, ANMO, TXAR.



Table with columns: call sign, frequency, mode, name, and other details. Includes stations like AMS, EIL, GZT, KAHT, COBT, etc.

Table with columns: call sign, frequency, mode, name, and other details. Includes stations like KOLS, Lovozero, CRVS, SUW, KECS, etc.

Table with columns: call sign, frequency, mode, name, and other details. Includes stations like BAIF, SMF, LASF, SBA, BGF, etc.





27d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, etc.

2004 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, SVE Sverdlovsk, etc.

872

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BOSA Boshof, CRVS Cervencia-Dubn, CRVS Cervencia-Dubn, etc.











IDC 27 09:10:23.9:1.6, 6.76N-92.46E, mb3.9/3, mb1 4.3/4, mb1mx3.8/17, ML4.6/1, Error ellipse: s-maj=63.3km s-min=29.2km az=49.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrunguma Arr, ASAR Alice Springs, GERES Geres Array B.

IDC 27 09:12:01.7:2.6, 4.25N-93.94E, mb3.8/3, mb1 4.1/4, mb1mx3.7/19, ML4.4/1, Error ellipse: s-maj=102.0km s-min=28.4km az=59.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrunguma Arr, ASAR Alice Springs, BVAR Borovoye Array.

IDC 27 09:12:28.3:1.4, 8.86N-92.46E, mb4.2/6, mb1 4.4/6, mb1mx4.0/17, Error ellipse: s-maj=69.5km s-min=21.5km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SONM Songoing Array, WRA Warrunguma Arr, ASAR Alice Springs, ARCES ARCES Array B, GERES Geres Array B.

IDC 27 09:13:05.2:3.2, 3.11N-94.48E, mb3.9/1, mb1 4.3/2, mb1mx3.8/18, ML4.1/1, Error ellipse: s-maj=117.0km s-min=67.7km az=110.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SHL Shillong, GERES Geres Array B, TXAR Lajitas Array, CPUP Villa Florida.

BUJ 27 09:14:32.5:1.3, 8.87Sx100.94E, h35km, mb5.7, mb5.0, NEIC 27 09:14:34.8:0.5, 3.68S-100.73E, mb4.7/6, Error ellipse: s-maj=20.5km s-min=8.6km az=52.0

IDC 27 09:14:35.1:0.6, 3.70S-100.69E, h26km, mb3.3/6, mb1 4.4/16, mb1mx4.2/20, Error ellipse: s-maj=27.6km s-min=12.4km az=110.0

ISC 27 09:14:33.1:0.6, 3.64S-100.8E, 0.1, h25km, h25km, 1.3km, p-P, n3.9, c1904/37, mb4.8/33, 1C-1D, Southern Sumatra

Main table for IDC 27 09:14:33.1:0.6, 3.64S-100.8E, 0.1, h25km, h25km, 1.3km, p-P, n3.9, c1904/37, mb4.8/33, 1C-1D, Southern Sumatra. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, GYA Guiyang, PKI Pulchoki, DMN Daman, KKN Kakan, ENH Enshi, GKN Gorkha, KOLN Koldanda, WRA Warrunguma Arr, WRAB Tennant Creek, ASAR Alice Springs, ASAR Zalesov, ASAR XAN, XAN Xi'an, LZH Lanzhou, JOW Kumigami, GTA Gaotai, HHC Hu-ho-hao-te, BJI Beijing, CTA Charters Tower, CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, WMQ Urumqi, SONM Songoing Array, ULN Ulanbatar, CN2 Changchun, ZAL Zalesov, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye Array, CHKZ Chkalovo.

comp=Z,12nm,1.0s,mb5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHKZ Keskin Array B, BRTR Bratr, VVDA Vanda, MLR Muntele Rosu, MLR Muntele Rosu, ARCES ARCES Array B, GERES Geres Array B, GERES Geres Array B, NOA Norsar Array B, DAVOX Davos, DAVOX Davos, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array.

IDC 27 09:18:11.3:0.6, 7.81N-36.72W, mb4.2/21, mb1 4.3/21, mb1mx4.2/24, Error ellipse: s-maj=19.9km s-min=15.0km az=140.0

NEIC 27 09:18:12.6:0.2, 7.80N-36.65W, h10km, mb4.8/21, Error ellipse: s-maj=8.2km s-min=5.5km az=120.0

ISC 27 09:18:10.8:0.3, 7.80N-36.65W, 0.07, h10km, n69, c0817/68, mb4.5/40, 2C-1D, Central Mid-Atlantic Ridge

Main table for IDC 27 09:18:11.3:0.6, 7.81N-36.72W, mb4.2/21, mb1 4.3/21, mb1mx4.2/24, Error ellipse: s-maj=19.9km s-min=15.0km az=140.0. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RCBR Riachuelo, BRTR Bratr, BDFB Brasilia, DBIC Dimbokro, DBIC Dimbokro, LPAZ La Paz, LPAZ La Paz, ESCD Sonseca Array, GUMF Quilistic, GUMF Saint Giles, LASF Ste Croix, GCR Gorron, TRC Toulx Ste Croi, FLN La Foliniere, LDF La Druitiere, BGF Bois d'Agland, VIVF Saint-Julien, TRQA Torquait, LMR La Moure, FRF La Fore Royal, SBF Signal de Mont, SMDF Montbardon, SCHO Schefferville, SCHO Schefferville, PGF Ploggiola, CABF La Chapelle, HAU Haudompre, BAIF Baives, HINF Hinterfall, GIVF Givet, CDF Champ du Feu, GERES Geres Array B, KRH Kasperok Hory, PRUC Pruncheon, JCT Junction City, NO2 Norsar Subarra, NO2 Norsar Array B, HFS Hagfors, ULM Lac du Bonnet, ULM Lac du Bonnet, SUMS Summit, MLR Muntele Rosu, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, AKASO Malin Array B, BRTR Keskin Array B, FINES FINESS Array B, FINES FINESS Array B, PDAR Pinedale Array, ARCES ARCES Array B, TPWA Teton Pass, IMW Indian Meadow, HWUT Hardware Ranch, HWUT Hardware Ranch, MSU Marysval, HRY Holter Researc, BGR Big Grassy Mow, YKA Yellowknife Arr, YKA Yellowknife Arr, NVAR Mina Array B, NVAR Neumayer Olymp, NVAR Neumayer Olymp, NVAR Neumayer-Watz, NVAR Neumayer-Watz, SNAAS Sanae, SNAAS Sanae, INK Inuvik, ILAR Eielson Array, ASAR Alice Springs.

TAP 27 09:20:16.4, 24.81N-121.85E, h94km, ML4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA TAP 27 09:20:16.4, 24.81N-121.85E, h94km, ML4.2, YOJ Yonaguni jima, YOF Yonaguni, IRIF Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS Kuro-shima, JTJ Tarama, JTJ Tarama, JKE Kume jima 2.

IDC 27 09:24:02.5:0.9, 13.15N-93.05E, mb4.1/14, mb1 4.2/15, mb1mx4.1/22, ML4.2/1, Error ellipse: s-maj=28.0km s-min=18.1km az=45.0

NEIC 27 09:24:02.8:0.6, 13.25N-93.17E, h30km, mb4.4/7, Error ellipse: s-maj=13.7km s-min=12.6km az=223.0

BUJ 27 09:24:07.1, 13.21N-93.36E, h32km, mb4.5, mb4.7, ISC 27 09:24:02.1:1.3, 13.25N-0.09, 93.05E-0.07, h6km, n23km, n35, c1914/35, mb4.2/22, 2C, Andaman Islands region

Main table for IDC 27 09:24:02.5:0.9, 13.15N-93.05E, mb4.1/14, mb1 4.2/15, mb1mx4.1/22, ML4.2/1, Error ellipse: s-maj=28.0km s-min=18.1km az=45.0. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SHL Shillong, PKI Pulchoki, GUN Gumba, DMN Daman, LSA Lhasa, GKN Gorkha, KOLN Koldanda, GYA Guiyang, GYA Guiyang, ENH Enshi, LZH Lanzhou, LZH Lanzhou, XAN Xi'an, XAN Xi'an, GTA Gaotai, GTA Gaotai, SONM Songoing Array, ZAL Zalesov, BVAR Borovoye Array, BRVK Borovoye Array, CHKZ Chkalovo, CHKZ Chkalovo, GNI Garni, GNI Garni, WRA Warrunguma Arr, ASAR Alice Springs, BRTR Keskin Array B, AKASO Malin Array B, MLR Muntele Rosu, FINES FINESS Array B, ARCES ARCES Array B, MORC Moravsky Berou, GERES Geres Array B, HFS Hagfors, HFS Hagfors, LBTA Lobatse, IMA Indian Mountain, ILAR Eielson Array, TXAR Lajitas Array.

IDC 27 09:24:10.6:2.2, 2.57N-97.81E, mb3.9/5, mb1 4.1/5, mb1mx3.8/17, Error ellipse: s-maj=166.0km s-min=26.0km az=48.0, Northern Sumatra

Main table for IDC 27 09:24:10.6:2.2, 2.57N-97.81E, mb3.9/5, mb1 4.1/5, mb1mx3.8/17, Error ellipse: s-maj=166.0km s-min=26.0km az=48.0, Northern Sumatra. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warrunguma Arr, ASAR Alice Springs, BVAR Borovoye Array, BRTR Keskin Array B, GERES Geres Array B, HFS Hagfors, LBTA Lobatse, IMA Indian Mountain, ILAR Eielson Array, TXAR Lajitas Array, WRA Warrunguma Arr, PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakan, GKN Gorkha, KOLN Koldanda, GTA Gaotai, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.







Table with columns for station code, name, frequency, power, and status. Includes stations like SNPH Sibulan, PAGZ Pagadian, AUQP San Andres, etc.

Table with columns for station code, name, frequency, power, and status. Includes stations like KSH XP, KSH PP, KSH PCP, etc.

Table with columns for station code, name, frequency, power, and status. Includes stations like WRA comp=Z,8.5nm, WRA Warramunga Arr, WRA Tennant Creek, etc.

2004 DEC



Table with columns for call sign, frequency, power, and other technical details. Includes stations like Seymchan, Pavlikeni, Muntele Rosu, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like Divcibare, Mont Dzumac, Nova Varos 2, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PrU, PrU, PrU, etc.

NB2	NORSAR Subarra	82.19 331 P	P	09 51 23.4 -0.5
NB2	comp-Z,423nm,1.7s,mbs.1		Pmax	
NOA	NORSAR Array B	83.31 331 P	P	09 51 23.2 -0.7
NOA	comp-Z,50nm,1.3s,mbs.8,baz=94,slow=5.3,SNR=11		PP	09 54 41.8 +7.4
NOA	comp-Z,44nm,1.4s,baz=87,slow=8.5,SNR=3.4		LR	10 33 40.5
NOA	NORSAR Array B	82.19 331 P	P	09 51 23.2 -0.7
NOA	comp-Z,3um,19.4s,MSS.6,baz=95,slow=40		PP	09 54 41.8 +7.4
NOA	comp-Z,3um,19.4s,MSS.6,baz=95,slow=40		PP	10 33 40.5
NOA	Villacollemand	82.19 314 eP	P	09 51 23.9 -0.5
BRMO	Sormio	82.22 314 eP	P	09 51 23.9 -0.5
FUORN	Ofenpass	82.29 316 eP	P	09 51 25.5 +0.7
VALM	82.29 314 P	P	09 51 24.5 -0.3	
CLZ	Clausthal	82.30 321 eP	P	09 51 25.1 +0.4
MLZ	comp-Z,770nm,1.8s,mbs.3		P	09 51 21.0 -0.0
NAO01	NORSAR Array S	82.34 331 eP	P	09 51 22.8 -1.9
NAO01	comp-Z,26nm,0.8s,mbs.2		LR	
HDH	comp-Z,4um,20.0s,MSS.8		LR	
VINC	Heidenheim	82.35 318 eP	P	09 51 24.9 -0.1
BSEG	Bad Segeberg	82.38 324 eP	P	09 51 25.6 +0.0
HSP	Hornsund	82.40 347 eP	P	09 51 24.6 -0.2
UBR	Uberriuh	82.41 317 eP	P	09 51 25.4 +0.1
BRM	Bruchhausen	82.42 314 P	P	09 51 24.2 -1.3
GRAM	82.42 314 P	P	09 51 23.9 -1.6	
BERNI	Berninapass	82.46 316 eP	P	09 51 26.7 +1.1
DAVOX	Davos	82.56 316 S	S	10 01 37.3 -2.3
DAVOX	comp-Z,42nm,1.4s,baz=234,slow=21,SNR=17		P	09 51 27.9 +1.7
DAVA	Damulés	82.56 317 eP	P	09 51 26.6 +0.5
DAVA	comp-Z,314nm,1.4s,mbs.2		P	
CODM	82.58 314 P	P	09 51 25.6 +0.0	
SIND	Sindelford	82.75 319 eP	P	09 51 27.5 +0.4
VDL	Val di Lei	82.84 319 eP	P	09 51 25.9 +0.5
BOB	Bobbio (Coli)	82.86 314 eP	P	09 51 28.6 +0.8
PLONS	Plons	82.90 317 eP	P	09 51 28.4 +0.5
BUCH	Bad Urach	82.92 318 eP	P	09 51 28.1 +0.1
KONO	Kongsberg	82.93 329 PFAKE	P	09 51 40.0 +1.2
KONO	comp-Z,4um,19.0s,MSS.8		LR	
VSL	Villasalto	82.98 309 eP	P	09 51 28.4 -0.1
VSL	comp-Z,767nm,1.9s,mbs.4		P	
STU	Stuttgart	83.02 318 eP	P	09 51 28.5 0.0
STU	comp-Z,651nm,1.8s,mbs.4		Pmax	
STU	Stuttgart	83.02 318 eP	P	09 51 28.5 0.0
STU	comp-Z,651nm,1.8s,mbs.4		P	
GUT	Gutenstein	83.08 318 eP	P	09 51 28.7 -0.1
MUD	Monsted Ugrnd	83.09 326 eP	P	09 51 29.5 +0.8
MUD	comp-Z,76nm,1.3s,mbs.5		Pmax	
MUD	Monsted Ugrnd	83.09 326 eP	P	09 51 29.5 +0.8
MUD	comp-Z,76nm,1.3s,mbs.5		Pmax	
MUD	83.11 197 eP	P	09 51 41.7	
SYO	Syowa Base	83.11 197 eP	P	09 51 29.6 +1.0
SYO	Syowa Base	83.11 197 eP	P	09 51 29.5 +2.0
SYO	Syowa Base	83.11 197 eP	P	09 51 40.2 +2.0
SYO	Syowa Base	83.11 197 eP	P	09 51 45.5 +4.4
SYO	Syowa Base	83.11 197 eP	P	09 54 43.1 +1.5
MUGIO	Muggio	83.14 315 eP	P	09 51 29.8 +0.6
LLS	Linh-Limmern	83.16 316 eP	P	09 51 29.4 +0.2
WEIN	Weingarten	83.17 317 eP	P	09 51 28.6 -0.7
GENL	Genova Univers	83.21 314 eP	P	09 51 28.6 -0.9
PGF	Poggio	83.21 312 eP	P	09 51 30.0 +0.4
WILA	Wila	83.22 317 eP	P	09 51 29.4 -0.2
STEIN	Stein am Rhein	83.24 317 eP	P	09 51 29.7 0.0
DOMB	Dombras	83.26 332 eP	P	09 51 30.6 +1.1
DOMB	comp-Z,164nm,1.5s,mbs.8		Amb	
DOMB	Dombras	83.26 332 eP	P	09 51 30.6 +1.1
DOMB	comp-Z,164nm,1.5s,mbs.8		P	
TOD	Tromm	83.28 319 eP	P	09 51 30.0 +0.2
TOD	Tromm	83.28 319 eP	P	09 51 29.9 +0.1
LBG	Lerchenberg	83.29 318 eP	P	09 51 29.9 0.0
SPAK	Spaichingen	83.30 318 eP	P	09 51 30.3 +0.4
SPAK	Spaichingen	83.30 318 eP	P	09 51 30.1 +0.2
VARE	Varese	83.33 315 eP	P	09 51 29.6 -0.6
SWIS	Schriesheim	83.37 317 eP	P	09 51 30.8 +0.5
TRULL	Truelikon	83.40 316 eP	P	09 51 31.3 +0.8
FUSIO	Fusio	83.41 317 eP	P	09 51 30.8 +0.3
MUO	Muotathal	83.41 317 eP	P	09 51 30.9 +0.2
ZUR	Zurich	83.44 317 eP	P	09 51 31.5 +0.9
TUZ	Tuapeka	83.50 317 eP	P	09 51 30.9 -0.1
SLE	Schleitheim	83.54 317 eP	P	09 51 30.2 -0.1
PCP	Pian Castagno	83.51 314 P	P	09 51 30.2 -0.9
KUZO	Black Forest	83.60 318 eP	P	09 51 31.4 -0.1
BFO	comp-Z,198nm,1.4s,mbs.0		Pmax	
BFO	Black Forest	83.60 318 eP	P	09 51 31.4 -0.1
BFO	comp-Z,198nm,1.4s,mbs.0		P	
HASLI	Hasliberg	83.75 316 eP	P	09 51 32.6 +0.3
KTD	Kalmi	83.75 319 eP	P	09 51 32.5 +0.3
KTD	Kalmi	83.75 319 eP	P	09 51 32.4 +0.2
SULZ	Sulz-Chesache	83.78 317 eP	P	09 51 32.0 +0.3
FIL	Finale Ligure	83.76 314 eP	P	09 51 32.6 +0.2
FELD	Feldberg	83.83 317 eP	P	09 51 32.8 +0.1
MCGN	Macugnaga	83.88 316 eP	P	09 51 33.7 +0.7
KIZ	Kirchzarten	83.88 318 eP	P	09 51 32.9 0.0
CRO	Cropa	83.89 315 eP	P	09 51 32.0 -0.9
ORX	Orsero	83.89 315 P	P	09 51 31.5 -1.5
MMK	Mattmark	83.89 316 eP	P	09 51 33.3 +0.3
RPZ	Rata Peaks	83.91 135 P	P	09 51 33.2 0.0
LANSF	comp-Z,41nm,1.1s,mbs.5,baz=214,slow=0.9,SNR=8.4		P	09 51 33.7 +0.5
LANSF	Lansberg	83.97 319 eP	P	09 51 33.8 +0.4
STR	Strasbourg	84.00 313 eP	P	09 51 34.1 +0.4
IMR	Imperia	84.00 314 P	P	09 51 32.9 -0.7
ROB	Roburent	84.00 314 P	P	09 51 32.9 -0.7
BALST	Balsthal	84.05 317 eP	P	09 51 34.5 +0.6
ABH	Alteburg	84.09 319 eP	P	09 51 34.3 +0.4
ABH	Alteburg	84.09 319 eP	P	09 51 33.3 -0.8
MONE	Monesi	84.09 314 P	P	09 51 34.4 +0.4
LIBD	Limbürg	84.09 318 eP	P	09 51 34.5 +0.5
LIBD	Limbürg	84.09 318 eP	P	09 51 34.4 +0.6
LKBD	Leukerbad	84.11 316 eP	P	09 51 34.2 -0.2
BBS	Basel-Blauen	84.17 317 eP	P	09 51 34.3 +0.1
BBS	Basel-Blauen	84.17 317 eP	P	09 51 35.3 +0.5
SAOF	Saorge	84.23 314 eP	P	09 51 34.9 +0.1
WLS	Welschbruch	84.25 318 eP	P	09 51 35.8 +0.8
DIX	Grande Dixence	84.27 316 eP	P	09 51 34.8 -0.2
CDF	Comp du Feu	84.30 318 eP	P	09 51 34.8 -0.2
CDF	comp-Z,708nm,1.9s,mbs.2		Pmax	
CDF	Comp du Feu	84.30 318 eP	P	09 51 34.8 -0.2
CDF	comp-Z,354nm,1.9s,mbs.2		Pmax	
ENR	Entracque	84.32 314 P	P	09 51 34.5 -0.8
SBF	Sospel	84.33 313 eP	P	09 51 35.3 0.0
SBF	comp-Z,309nm,0.9s,mbs.1		P	
SBF	Sospel	84.33 313 eP	P	09 51 35.3 0.0
SBF	comp-Z,155nm,0.9s,mbs.1		Pmax	
AUTIN	Autin	84.33 314 eP	P	09 51 36.1 +0.8
SENI	San Lenin	84.34 316 eP	P	09 51 35.9 +0.6
BOUR	Bourignon	84.36 317 eP	P	09 51 35.2 -0.2
REV	Revere	84.38 313 eP	P	09 51 36.0 +0.5
ECH	Echery	84.38 318 eP	P	09 51 35.4 -0.1
STVZ	Anna di Valdiz	84.39 314 P	P	09 51 34.1 -1.5
STVZ	St Anna Valdi	84.39 314 P	P	09 51 34.2 -1.4
RUP	Ruppelstein	84.41 319 eP	P	09 51 36.0 +0.5
RUP	Ruppelstein	84.41 319 eP	P	09 51 36.2 +0.7
RSP	Reno Superiore	84.41 315 P	P	09 51 34.0 -1.7
MOF	Molkenrain	84.41 317 eP	P	09 51 35.4 -0.2
EHB	Ericherario	84.42 314 P	P	09 51 34.0 -1.7
DOI	San Damiano	84.44 314 eP	P	09 51 35.1 -0.7
TOUF	Mont Tournerai	84.45 314 eP	P	09 51 36.7 +0.8
LSD	Ceresole Reale	84.47 315 P	P	09 51 36.1 +0.1
GRYON	Gryon	84.48 316 eP	P	09 51 36.2 +0.2
WTSB	Wintersjyck	84.51 322 eP	P	09 51 36.5 +0.5
WTSB	comp-Z,356nm,2.0s,mbs.2		Pmax	
MVIF	Mont Vial	84.53 313 eP	P	09 51 37.0 +0.7
BLSS	Blasio	84.53 329 eP	P	09 51 37.1 +1.2
BLSS	comp-Z,142nm,1.8s,mbs.8		Amb	
BLSS	84.53 329 eP	P	09 51 41.7	
BLSS	comp-Z,142nm,1.8s,mbs.8		Amb	
BLSS	84.53 329 eP	P	09 51 50.2 +1.5	

BLSS	Blasio	84.53 329 eP	P	09 51 37.1 +1.2
BLSS	comp-Z,142nm,1.8s,mbs.8		P	
PZZ	Prazzo	84.54 314 P	P	09 51 34.9 -1.5
FENE	Fenestrelle	84.55 315 P	P	09 51 35.5 -0.9
TORNY	Torony	84.56 316 eP	P	09 51 36.7 +0.3
WIT	Witweven	84.57 322 eP	P	09 51 37.1 +0.9
SALAN	Lac Salanfe	84.58 316 eP	P	09 51 37.1 +0.6
AIGLE	Aigle	84.58 316 eP	P	09 51 36.8 +0.3
HINTER	Hinterferal	84.60 317 eP	P	09 51 36.2 -0.4
HINF	Hinterferal	84.60 317 eP	P	09 51 36.2 -0.4
HINF	Hinterferal	84.60 317 eP	Pmax	
HINF	comp-Z,333nm,1.9s,mbs.1		Pmax	
LOMV	Vieux Emosson	84.63 316 eP	P	09 51 37.2 +0.5
LOMV	Lomont	84.64 317 eP	P	09 51 36.8 +0.1
OC22	Abrieux	84.64 314 eP	P	09 51 38.9 +0.1
SURF	Saint Ours	84.75 314 eP	P	09 51 38.2 +0.8
RRL	Cesana Torines	84.75 315 P	P	09 51 36.9 -0.5
LPG	La Plagne	84.75 315 eP	P	09 51 37.9 +0.5
LPG	comp-Z,342nm,1.1s,mbs.1		P	
LPG	La Plagne	84.75 315 eP	Pmax	
LPG	comp-Z,171nm,1.1s,mbs.1		Pmax	
LPL	La Plagne	84.77 315 eP	P	09 51 37.9 +0.5
LPL	comp-Z,331nm,1.1s,mbs.1		P	
LPL	La Plagne	84.77 315 eP	Pmax	
LPL	comp-Z,165nm,1.1s,mbs.1		Pmax	
MBDF	Montbardon	84.77 314 eP	P	09 51 37.1 -0.4
MBDF	comp-Z,276nm,1.3s,mbs.9		Pmax	
MBDF	Montbardon	84.77 314 eP	Pmax	
MBDF	comp-Z,139nm,1.3s,mbs.9		Pmax	
OG01	Vacheresse	84.77 316 eP	P	09 51 36.4 -1.0
KIWB	Kanaga Island	84.78 39 eP	P	09 51 36.9 -0.4
THZ	Tophouse	84.82 133 eP	P	09 51 36.2 -1.6
BNI	Bardonecchia	84.82 315 eP	P	09 51 37.6 -0.1
BNI	comp-Z,375nm,1.7s,mbs.2		Pmax	
BNI	Bardonecchia	84.82 315 eP	P	09 51 37.6 -0.2
BRANT	Les Verrieres	84.89 317 eP	P	09 51 38.2 +0.2
HAU	Haudompre	84.93 318 eP	P	09 51 37.9 -0.3
HAU	comp-Z,1um,1.8s,mbs.6		eR	
HAU	Haudompre	84.93 318 eP	P	09 51 37.9 -0.3
HAU	comp-Z,2um,22.2s		Pmax	
HAU	Haudompre	84.93 318 eP	Pmax	
HAU	comp-Z,630nm,1.8s,mbs.4		MLR	
HAU	comp-Z,2um,22.2s,MSS.4		MLR	
WLF	Walferdange	85.00 319 eP	P	09 51 38.8 +0.3
WLF	comp-Z,791nm,1.9s,mbs.5		Pmax	
WLF	Walferdange	85.00 319 eP	P	09 51 38.8 +0.4
WLF	comp-Z,791nm,1.9s,mbs.5		P	
LMR	La Moure	85.02 313 eP	P	09 51 38.9 +0.2
LMR	comp-Z,1um,1.7s,mbs.6		P	
LMR	La Moure	85.02 313 eP	Pmax	
LMR	comp-Z,614nm,1.7s,mbs.5		Pmax	
HGN	Heimansgroeve	85.09 320 eP	P	09 51 39.0 0.0
HGN	comp-Z,2um,1.9s,mbs.9		P	
THEF	The Montfort	85.17 318 eP	P	09 51 39.2 -0.2
CABF	La Chapelle	85.17 316 eP	P	09 51 39.8 +0.4
CABF	comp-Z,1um,1.7s,mbs.6		P	
CABF	La Chapelle	85.17 316 eP	Pmax	
CABF	comp-Z,592nm,1.7s,mbs.4		Pmax	
GDM	Grand Maison	85.22 315 eP	P	09 51 40.2 +0.5
OG25	Le Caire	85.28 314 eP	P	09 51 40.7 +0.6
ORIF	Oris-en-Rattie	85.40 315 eP	P	09 51 41.0 +0.4
ORIF	comp-Z,1um,1.9s,mbs.4		eR	
KHZ	Kahutara	85.42 133 eP	P	09 51 39.9 -0.9
GSTR	Great Sitkin T	85.44 38 eP	P	09 51 39.0 -1.7
OG06	Ijuiri	85.63 316 eP	P	09 51 42.4 +0.6
SMRF	Simiane la Rot	85.66 314 eP	P	09 51 42.8 +0.8
SMRF	comp-Z,2um,1.9s,mbs.6		P	
HIZ	Haituti	85.67 129 eP	P	09 51 42.1 0.0
MEZF	Maizieres Jvi	85.78 318 eP	P	09 51 42.5 +0.1
MIDW	Midway	85.86 62 PFAKE	LR	
MIDW	comp-Z,4um,19.0s,MSS.8		LR	
OCF	Saint Nazaire	85.83 314 eP	P	09 51 43.7 +1.0
OCF	comp-Z,1um,1			



Table with columns: LTX, comp-Z, 3um, 22.0s, MS6.0, MLR, MLR, Lajitas, 141.34, 26, ePKPpre, 09 58 26.4, etc.

Table with columns: SJG, 8.6nm, 0.3s, baz=144, slow=22, SNR=7.2, Sn, Sn, 09 42 14.0, -5.2, etc.

IDC 27 09:51:46.0-1.8, 7.55N-95.67E, mb3.8/4, mb1 4/0.4, mb1mx3.8/18, Error ellipse: s-maj=74.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SONM Songoing Array, 41.17 11, Op, P, 09 59 31.8, -2.0, etc.

IDC 27 09:55:26.1-1.1, 4.03N-95.88E, mb4.1/9, mb1 4/2.9, mb1mx4.0/18, Error ellipse: s-maj=53.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SONM Songoing Array, 44.57 10, Op, P, 10 03 40.4, -1.2, etc.

IDC 27 09:57:18.3-1.3, 6.02N-93.45E, mb4.1/6, mb1 4/4.7, mb1mx4.1/19, ML4.3/1, Error ellipse: s-maj=60.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 13.47 23, Op, P, 10 05 21.8, -0.1, etc.

BUI 27 09:57:50.8, 7.46N-92.74E, h18km, mb5.9, mb5.1, Ms6.0, Ms2.7

IDC 27 09:57:51.0-1.4, 7.88N-92.82E, mb5.1/34, mb5.1 5/135, mb1mx5.1/35, ML5.5/1, Error ellipse: s-maj=16.9km

NEIC 27 09:57:52.7-3.2, 7.71N-92.65E, h9km, 19km, mb5.4/73, MS5.6/20, Error ellipse: s-maj=6.4km s-min=4.4km

HRVD 27 09:57:52.7-0.2, 7.65N-92.74E, h12km, MW5.7/74, Centroid moment tensor Solution. LP body waves: s28.c50/Mantle waves: s74.c155; Half duration: 1s6

SYO 27 09:57:52.7, 7.71N-92.66E, h9km, MB5.4, MS5.6, MOS 27 09:57:54.1-0.9, 7.75N-92.78E, h33km, mb5.5/42, MS5.6/5, Error ellipse: s-maj=12.0km s-min=6.2km

CSEM 27 09:57:56.7, 8.02N-92.70E, h33km, mb5.6, ISC 27 09:57:51.8-1.1, 7.70N-10.03-92.73E-0.03, h14km, mb6km, h15km-2.0km, pp-P, n342, s119/1314, mb5.2/127, MS5.6/35, 15C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CM31 Chiang Mai Arr, 12.28 29, Op, P, 10 00 51.3, +2.0, etc.

Code Station Name Az Phase ID Time Res VIS comp-Z, 1um, 1.3s eS S 10 03 24.0 -13, etc.

Table with columns: COCO West Island, 20.17 168, eP, P, 10 02 28.5 -0.4, KAD Karad, 20.45 300, eP, P, 10 02 30.3 -1.5, etc.

Table with columns: BHPH Bhopal, 21.33 318, eP, P, 10 02 41.4 +0.7, LSA Lhasa, 21.94 356, eP, Pmax, 10 02 46.3 -0.5, etc.

Table with columns: LSA Lhasa, 21.94 356, eP, P, 10 02 46.3 -0.5, BOM Bombay, 22.32 302, eP, P, 10 02 52.4 +1.7, etc.

Table with columns: BOM Bombay, 22.32 302, eP, P, 10 02 52.4 +1.7, GYA Guiyang, 22.88 341, eS, S, 10 07 00.8 +1.0, etc.

Table with columns: GYA Guiyang, 22.88 341, eS, S, 10 07 00.8 +1.0, PTH Pithoragarh, 24.72 333, eP, P, 10 03 15.1 +1.0, etc.

Table with columns: PTH Pithoragarh, 24.72 333, eP, P, 10 03 15.1 +1.0, CD2 Chengdu, 25.29 23, eP, P, 10 03 20.0 +0.8, etc.

Table with columns: CD2 Chengdu, 25.29 23, eP, P, 10 03 20.0 +0.8, CD2 Chengdu, 25.29 23, eP, P, 10 03 20.0 +0.8, etc.

Table with columns: CD2 Chengdu, 25.29 23, eP, P, 10 03 20.0 +0.8, AJM Ajmer, 25.39 320, iP, P, 10 03 20.0 -0.5, etc.

Table with columns: AJM Ajmer, 25.39 320, iP, P, 10 03 20.0 -0.5, NDI New Delhi, 25.49 327, eP, P, 10 03 21.7 +0.3, etc.

Table with columns: NDI New Delhi, 25.49 327, eP, P, 10 03 21.7 +0.3, DDI Dehra Dun, 26.38 330, eP, P, 10 03 30.1 +0.4, etc.

Table with columns: DDI Dehra Dun, 26.38 330, eP, P, 10 03 30.1 +0.4, SDRI Scrawled, 26.71 127, eP, P, 10 03 31.8 -1.1, etc.

Table with columns: SDRI Scrawled, 26.71 127, eP, P, 10 03 31.8 -1.1, KELI Kelakatan, 26.84 126, eP, P, 10 03 34.3 +0.3, etc.

Table with columns: KELI Kelakatan, 26.84 126, eP, P, 10 03 34.3 +0.3, ENH Enshi, 27.41 33, eP, P, 10 03 37.6 -1.4, etc.

Table with columns: ENH Enshi, 27.41 33, eP, P, 10 03 37.6 -1.4, SDNR Sundarnagar, 27.88 330, eP, P, 10 03 45.3 +2.0, etc.

Table with columns: SDNR Sundarnagar, 27.88 330, eP, P, 10 03 45.3 +2.0, BHK Bhakra, 28.09 329, eP, P, 10 03 50.0 +6.8, etc.

Table with columns: BHK Bhakra, 28.09 329, eP, P, 10 03 50.0 +6.8, LZH Lanzhou, 30.03 18, eP, P, 10 04 02.5 -0.1, etc.

Table with columns: LZH Lanzhou, 30.03 18, eP, P, 10 04 02.5 -0.1, LZH Lanzhou, 30.03 18, eP, P, 10 04 02.5 -0.1, etc.

Table with columns: LZH Lanzhou, 30.03 18, eP, P, 10 04 02.5 -0.1, XAN Xi'an, 30.17 27, eP, P, 10 04 02.0 -1.9, etc.

Table with columns: XAN Xi'an, 30.17 27, eP, P, 10 04 02.0 -1.9, WHN Wuhan, 30.43 39, eP, P, 10 04 10.5 +4.2, etc.

Table with columns: WHN Wuhan, 30.43 39, eP, P, 10 04 10.5 +4.2, GTA Gaota, 32.21 10, eP, P, 10 04 21.0 -0.8, etc.

Table with columns: GTA Gaota, 32.21 10, eP, P, 10 04 21.0 -0.8, NJ2 Nanjing, 34.32 42, eP, P, 10 04 41.0 +0.8, etc.

Table with columns: NJ2 Nanjing, 34.32 42, eP, P, 10 04 41.0 +0.8, NJ2 Nanjing, 34.32 42, eP, P, 10 04 41.0 +0.8, etc.

Table with columns: NJ2 Nanjing, 34.32 42, eP, P, 10 04 41.0 +0.8, KSH Kashi, 35.07 337, eP, P, 10 04 47.0 +0.4, etc.

Table with columns: KSH Kashi, 35.07 337, eP, P, 10 04 47.0 +0.4, WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, etc.

Table with columns: WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, etc.

Table with columns: WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, etc.

Table with columns: WMO Urumqi, 36.25 354, eP, P, 10 04 58.0 +1.5, HHC Hu-ho-hao, 37.03 24, eP, P, 10 05 02.0 -1.1, etc.

Table with columns: HHC Hu-ho-hao, 37.03 24, eP, P, 10 05 02.0 -1.1, ULHL Uzhhor, 37.37 338, eP, P, 10 05 09.4 +1.8, etc.

Table with columns: ULHL Uzhhor, 37.37 338, eP, P, 10 05 09.4 +1.8, UCH Uchtor, 37.97 338, eP, P, 10 05 12.8 +1.9, etc.

Table with columns: UCH Uchtor, 37.97 338, eP, P, 10 05 12.8 +1.9, KBK Karagaybulak, 38.18 339, eP, P, 10 05 14.0 +1.3, etc.

IDC 27 09:40:01.5-1.0, 15.74N-61.49W, mb3.7/3, mb1 3.9/6, mb1mx3.6/23, ML3.4/1, MS3.5/1, Ms1 3.5/1, ms1mx2.1/30, Error ellipse: s-maj=15.1km s-min=9.0km az=110.0

TRN 27 09:40:01.7, 15.74N-61.41W, h21km, MD3.5, ISC 27 09:40:03.6-0.4, 15.76N-10.03-61.43W-0.07, h24km, 4km, n26, c075/35, mb3.9/3, 6C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MGG Marie-Galante, 0.19 34, eP, P, 09 40 08.5 -0.5, etc.







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MBWA Marble Bar, SSE Sheshan, TIA Tai'an, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CN2, TLY Talaya, TLY Talyan, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU Arti, ERZM Erzurum, KIV Kislovodsk, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CFR Carcaliu, JMB Yambol, AKASG Malin Array Be, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BOJS Bojanci, PERS Pernice, LJU Ljubljana, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BRMO Bormio, CLZ Clausthal, NAOZI NORARS Array S, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Ala-Archa, Songoing Array, Warramunga Arr, ASAR Alice Springs, etc.

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

ICD 27 10:42:30.2,24.0, 19.151S, 174.76W, h358km, m262km, mb3.2/6, mb1 3.5/7, mb1mx3.3/17, Error ellipse: s-maj=101.0km s-min=25.5km az=6.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, CTA Charters Tower, ASAR Alice Springs, etc.

ICD 27 10:45:36.6,0.7, 3.16N, 93.84E, h25km, mb4.4/20, mb1 4.5/20, mb1mx4.4/26, Error ellipse: s-maj=28.3km s-min=11.3km az=35.0

NEIC 27 10:45:37.0,0.3, 3.17N, 93.88E, h30km, mb4.8/5, Error ellipse: s-maj=20.7km s-min=7.9km az=216.0

BUI 27 10:45:36.9, 3.20N, 93.90E, h30km, mb5.3, mb5.2, Ms5.6, Ms2.4

ICD 27 10:45:34.6,0.5,3.2N,0.1, 93.93E, h26km, mb2.0/11, mb1 4.0/11, mb1mx4.0/11, Error ellipse: s-maj=10.0km s-min=10.0km az=0.0, East of northern Sumatra

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including BJT Baijaitau, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, CMAR, CHG Chiang Mai, VIS Vishakhapatnam, IMP Imphal, etc.

BUI 27 10:36:18.9, 38.70N, 122.70W, h3km, mb4.3, mb4.2, Ms4.8, Ms2.4

NEIC 27 10:36:23.0, 38.75N, 122.73W, h4km, MW4.3(BRK), After NCECD

NEIC [IV] at Middletown; [III] at Calistoga, Clearlake, Cloverdale, Healdsburg, Kelseyville, Petaluma and San Anselmo; [II] at San Francisco, Santa Rosa and Windsor.

ICD 27 10:36:26.3,3.1, 38.79N, 122.71W, h16km, 15km, mb3.9/11, mb1 4.2/16, mb1mx4.0/24, ML3.7/4, Error ellipse: s-maj=24.2km s-min=9.6km az=49.0

ICD 27 10:36:22.0,4.0, 38.75N, 122.63W, 0.05, h4km, m63, s=172/65, mb4.0/12, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNSH Mt Helena R, HOPS Hopland, OCHM Honcut, etc.

NEIC 27 10:37:19.9, 1.2, 2.54N, 95.43E, h30km, Error ellipse: s-maj=41.3km s-min=14.3km az=65.0

ICD 27 10:37:26.1, 1.4, 2.77N, 95.76E, h73km, 118km, mb3.7/6, mb1 3.9/7, mb1mx3.6/18, ML4.7/1, Error ellipse: s-maj=110.0km s-min=18.1km az=57.0, Off west coast of northern Sumatra

MOS 27 10:46:37.3, 1.0, 13.73N, 93.03E, h33km, s5/46, MS5.0/4, Error ellipse: s-maj=7.8km s-min=4.9km az=120.2

BUI 27 10:46:37.0, 13.51N, 93.01E, h43km, mb5.5, mb5.0, Ms5.0, Ms2.8

ICD 27 10:46:38.9, 0.3, 13.65N, 93.06E, h32km, 1km, mb4.8/31, mb1 4.8/32, mb1mx4.8/33, ML4.8/1, MS4.8/8, MS1 4.8/8, ms1mx4.4/23, Error ellipse: s-maj=11.2km s-min=6.5km az=42.0

NEIC 27 10:46:39.0, 0.2, 13.68N, 93.04E, mb5.2/53, Error ellipse: s-maj=5.6km s-min=4.7km az=197.0

SYO 27 10:46:39.8, 13.69N, 93.10E, h30km, MB5.1, HRVD 27 10:46:39.0, 0.5, 13.85N, 93.11E, h12km, MW5.4/56, Centroid moment Tensor Solution. LP body waves: s22,c27, Mantle waves: s56,c86; Halp duration: 1s2

Moment tensor: Scale 10^17Nm; Mr=0.17±.03; M0=0.05±.02; M00=0.12±.02; M01=0.47±.08; M02=0.32±.02; M03=1.25±.07; Best double couple: M0=1.36x10^17 NP1: 0.247°, 81.2°, λ=7°. NP2: 0.343°, 88.9°, λ=102°. Principal axes: T 1.24, P1g42°, Azm85°; N 2.5, P1g12°, Azm343°; P -1.49, P1g45°, Azm241°; nsta1 refers to body waves, cutoff=50s.

ICD 27 10:46:39.9, 0.2, 13.68N, 93.03E, h30km, h32km, h32km, 5km, mb4.9/31, mb1 4.8/32, mb1mx4.8/33, ML4.8/1, MS4.8/8, MS1 4.8/8, ms1mx4.4/23, Error ellipse: s-maj=11.2km s-min=6.5km az=42.0

ICD 27 10:46:39.0, 0.2, 13.68N, 93.04E, mb5.2/53, Error ellipse: s-maj=5.6km s-min=4.7km az=197.0

ICD 27 10:46:39.0, 0.2, 13.68N, 93.03E, h30km, h32km, h32km, 5km, mb4.9/31, mb1 4.8/32, mb1mx4.8/33, ML4.8/1, MS4.8/8, MS1 4.8/8, ms1mx4.4/23, Error ellipse: s-maj=11.2km s-min=6.5km az=42.0

ICD 27 10:46:39.0, 0.2, 13.68N, 93.04E, mb5.2/53, Error ellipse: s-maj=5.6km s-min=4.7km az=197.0

ICD 27 10:46:39.0, 0.2, 13.68N, 93.03E, h30km, h32km, h32km, 5km, mb4.9/31, mb1 4.8/32, mb1mx4.8/33, ML4.8/1, MS4.8/8, MS1 4.8/8, ms1mx4.4/23, Error ellipse: s-maj=11.2km s-min=6.5km az=42.0



Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like Baotou, Tai'an, Hu-ho-hao-te, etc.

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like ARU, ZEI, BEST, NWAOW, etc.

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like OBN, ESKT, ISP, HENT, etc.

Table of astronomical observations for 27d 10h, listing station codes (e.g., UJC, TRO, PRU), station names, coordinates, and various parameters like SNR and elevation.

Table of astronomical observations for 2004 DEC, listing station codes (e.g., ILAR, ILAR, ILAR), station names, coordinates, and various parameters like SNR and elevation.

MOS 27 10:46:46.8±1.0, 13.73N:93.16E, h33km, mb5.6/27, Error ellipse: s-maj=12.1km s-min=8.4km az=110.3 BUJ 27 10:46:46.1, 13.45N:93.03E, h44km, mb5.6, Ms4.9, Ms2.8 NEIC 27 10:46:47.2±2.2, 13.66N:93.05E, h25km, 15km, mb5.3/42, Error ellipse: s-maj=6.7km s-min=6.2km az=152.0 SYO 27 10:46:47.5, 13.62N:93.07E, h24km, MB5.3 ISC 27 10:46:42.9±2.1, 13.65N:0.05:93.05E:0.05, h7km, 13km, m133, r1812/103, mb5.2/47, MS4.7/4, 2C-30, Andaman Islands region

Table of astronomical observations for 892, listing station codes (e.g., QIZ, ENH, LZH), station names, coordinates, and various parameters like SNR and elevation.

Table with columns: YAK, comp, max, pmax, and various station codes (YAK, EIL, KMBO, CSS, PMG, MOS, ISP, CTAO, MA2, MBAR, ISR, STKA, KWP, KOLS, KOLS, KOLS, PSZ, AREO, LSZ, BILL, BILL, RUE, CLL, CLL, MOX, MOX, MOX, NA001, LBTB, LBTB, BOSA, BOSA, BOSA, CASY, SUR, MAW, MCK, SYO, SYO, SYO, SML, BOZ, LAC, HLD, TPW, LOHW, SNOW, REDW, MTUN, MVU, MVU, GENU, ISCO, PV10, NEN, PV01, ACSO, ANMO, WWT, WMOK, MNTX, LTX, SDV, LVC, LPZ, LPZ, LPZ).

IDC 27 10:46:45.9.0.9, 4.93N-94.85E, mb4.4/11, mb1 4.5/11, mb1mx4.4/20, Error ellipse: s-maj=44.1km s-min=16.3km az=48.0

NEIC 27 10:46:00.0.6, 4.76N-94.70E, h30km, Error ellipse: s-maj=32.9km s-min=12.8km az=49.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (SONM, WRA, ASAR, BVAR, CTX, STKA, IDI, ARCS).

Table with columns: FX1, Attu Island-F, 79.26 37 P, GERES, GERRSS Array B, 80.51 319 P, NOA, NORSAR Array B, 82.70 331 P, and various station codes (CBJ, WRA, ASAR, FINES).

Table with columns: IDC 27 10:53:09.3, 4.9, 23.00N-141.95E, mb4.0/3, mb1 4.2/3, mb1mx3.7/19, M53.5/1, M53.1/3.5, ms1mx3.0/28, Error ellipse: s-maj=342.0km s-min=32.1km az=86.0, Volcano Islands region

Table with columns: NEIC 27 10:55:36.0, 0.8, 7.21N-92.32E, h30km, Error ellipse: s-maj=19.3km s-min=13.6km az=221.0, IDC 27 10:55:38.0, 0.8, 7.27N-92.44E, h43km, mb3.6/5, mb1 3.8/6, mb1mx3.6/17, ML3.9/1, Error ellipse: s-maj=65.5km s-min=22.9km az=51.0, IDC 27 10:55:34.1, 1.0, 7.2N-101.92E, 0.1, h30km, mb8, 0.970/8, mb3.8/5, Nicobar Islands region

Table with columns: NEIC 27 10:58:09.4, 35.33S-70.56W, h7km, ML3.2(GUC), After GUC, GUC 27 10:58:09.4, 0.8, 35.33S-70.56W, h7km, ML3.2, MD3.7, ML3.2, 6C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (NICH, CACH, CACH, CHCH, CHCH, LMEL, LMEL, LNV, LNV, TACH, TACH, PCH, PCH, ANTU, ANTU, RCDM, RCDM, RCDM, CLCH, CLCH, CLCH, FCH, FCH, FCH, LCC3, LCC3, LOCH, LOCH, PEL, PEL, ROCH, ROCH).

IDC 27 11:01:13.9.0.6, 8.78N-93.48E, mb4.2/19, mb1 4.3/20, mb1mx4.3/25, ML4.2/1, Error ellipse: s-maj=26.1km s-min=13.0km az=49.0

NEIC 27 11:01:18.6.0.4, 8.78N-93.46E, h30km, mb4.6/5, Error ellipse: s-maj=17.9km s-min=9.4km az=55.0

BUI 27 11:01:18.5, 8.76N-93.29E, h36km, mb5.5, mb4.6, IDC 27 11:01:16.3, 0.5, 8.60N-108.93E, 0.1, h30km, n33, r=122/31, mb4.3/28, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (CMAR, LSA, GYA, GYA, GYA, GYA, HHC, HHC, HHC).

SONM Ala-Archa 37.71 337 eP P 11 08 31.1 0.0

ANAK Songo Array 40.65 14 P 11 08 55.3 -0.1

CN2 Changchun 44.87 33 eP P 11 09 30.8 +0.8

LZA Zalesovo 45.72 353 P P 11 09 35.2 -1.3

NWAO Narrogin (SRO) 47.17 152 P 11 09 50.8 +2.5

Table with columns: KMBO, YSS, CTA, CTX, STKA, BRTR, MLR, FINES, ARCES, GERES, NB2, NOA, DAVOX, IMA, IMA, ELI, INK, INK, CPUP, and various station codes.

IDC 27 11:01:43.4, 1.5, 6.68N-93.61E, mb4.1/4, mb1 4.2/5, mb1mx3.9/18, ML4.4/1, Error ellipse: s-maj=46.9km s-min=30.0km az=22.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (CMAR, WRA, ASAR, KMBO, STKA).

IDC 27 11:06:25.0, 0.7, 4.09N-93.93E, mb4.4/15, mb1 4.5/16, mb1mx4.1/23, ML3.3/1, Error ellipse: s-maj=35.7km s-min=13.8km az=53.0

BUI 27 11:06:29.0, 4.1, 18N-94.34E, h26km, mb5.3, mb4.8, NEIC 27 11:06:30.8, 0.3, 4.12N-94.05E, mb4.6/9, Error ellipse: s-maj=11.2km s-min=7.4km az=71.0

ISIC 27 11:06:28.3, 4.2, 4.1N-101.94E, 0.1, h33km, 35km, h37km, 8km, pP, n37, 0.90/33, mb4.5/29, 1C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (CM31, CMAR, KMI, KMI, GYA, GYA, LSA, LSA, ENH, ENH, XAN, XAN, XAN, XAN, GYA, GYA, GYA, GYA, BJT, BJT, BJT, AAK, AAK, NWAO, NWAO, WRA, WRA, ASAR, ASAR, HIA, HIA, BVAR, BVAR, BRVK, BRVK, STKA, STKA, YAK, YAK, BRTR, BRTR, IDI, IDI, AKASO, AKASO, MLR, MLR, MLR, MORC, MORC, ARCES, ARCES, ARCS, ARCS, NOA, NOA, DAVOX, DAVOX, TXAR, TXAR, TXAR, CPUP, CPUP, CPUP).

BUI 27 11:06:44.9, 10.54N-93.08E, h38km, mb4.6, NEIC 27 11:06:47.0, 10.79N-92.65E, h30km, mb4.4/3, Error ellipse: s-maj=14.5km s-min=13.3km az=224.0

IDC 27 11:06:51.6, 6.0, 10.97N-92.88E, h26km, 52km, mb3.7/14, mb1 3.9/15, mb1mx3.8/22, ML4.4/1, Error ellipse: s-maj=42.6km s-min=17.1km az=51.0

ISIC 27 11:06:45.7, 0.7, 10.8N-101.92E, 0.1, h30km, n23, 0.81/23, mb4.1/18, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (CM31, CMAR).

BUI 27 11:06:44.9, 10.54N-93.08E, h38km, mb4.6, NEIC 27 11:06:47.0, 10.79N-92.65E, h30km, mb4.4/3, Error ellipse: s-maj=14.5km s-min=13.3km az=224.0

IDC 27 11:06:51.6, 6.0, 10.97N-92.88E, h26km, 52km, mb3.7/14, mb1 3.9/15, mb1mx3.8/22, ML4.4/1, Error ellipse: s-maj=42.6km s-min=17.1km az=51.0

ISIC 27 11:06:45.7, 0.7, 10.8N-101.92E, 0.1, h30km, n23, 0.81/23, mb4.1/18, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various station codes (CM31, CMAR).

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, CD2 Chengdu, GTA Gaotai, SON Sogingo Array, ZAL Zalesovo, etc.

IDC 27 11:08:36.4.1.1, 5.43N-92.92E, mb4.2/10, mb1 4.3/11, mb1mx4.1/21, Error ellipse: s-maj=39.1km s-min=26.0km az=60.0

NEIC 27 11:08:41.2.0.8, 5.48N-93.01E, h30km, Error ellipse: s-maj=19.8km s-min=17.6km az=86.0

ISC 27 11:08:39.3.1.0, 5.5N-92.93E, h30km, n15, n0599/14, mb4.2/10, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, AAK Ala-Archa, SONM Sogingo Array, WRA Warramunga Arr, ZAL Zalesovo, etc.

IDC 27 11:12:06.8.2.4, 4.31N-93.82E, mb3.9/3, mb1 4.1/4, mb1mx3.8/18, ML4.4/1, Error ellipse: s-maj=75.9km s-min=30.1km az=72.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warramunga Arr, ASAR Alice Springs, CPUP Villa Florida, etc.

IDC 27 11:13:11.8.1.7, 8.24N-92.88E, mb3.8/4, mb1 4.0/4, mb1mx3.7/17, Error ellipse: s-maj=70.2km s-min=26.7km az=57.0, Nicobar Islands region

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

IDC 27 11:17:58.2.1.4, 5.56N-96.65E, mb3.9/8, mb1 4.1/9, mb1mx3.8/18, ML4.3/1, Error ellipse: s-maj=57.5km s-min=30.4km az=57.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warramunga Arr, ZAL Zalesovo, etc.

NEIC 27 11:18:11.7.0.7, 9.46N-92.84E, h30km, Error ellipse: s-maj=20.9km s-min=11.3km az=70.0

IDC 27 11:18:15.7.7.8, 9.56N-92.99E, h64km, mb3.7/9, mb1 3.8/10, mb1mx3.6/20, ML4.0/1, Error ellipse: s-maj=59.1km s-min=15.7km az=60.0

ISC 27 11:18:09.8.0.8, 9.5N-101.92E, h30km, n12, n0561/12, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NWAO Narrogin (SRO), WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 11:19:00.8.0.9, 6.01N-94.91E, mb4.1/14, mb1 4.2/15, mb1mx4.2/23, ML4.8/1, Error ellipse: s-maj=35.0km s-min=19.9km az=45.0

NEIC 27 11:19:05.4.0.5, 6.03N-94.94E, h30km, mb4.2/5, Error ellipse: s-maj=12.8km s-min=10.0km az=55.0

ISC 27 11:19:03.6.0.7, 6.1N-101.95E, h30km, n23, n0566/23, mb4.1/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, BJT Baijiatuu, AAK Ala-Archa, SONM Sogingo Array, etc.

BUT 27 11:19:43.3.4.3, 32N-94.40E, h57km, mb4.8

NEIC 27 11:19:45.8.0.5, 4.63N-94.74E, h30km, mb4.5/6, Error ellipse: s-maj=12.4km s-min=10.2km az=74.0

IDC 27 11:19:48.0.6.8, 4.77N-94.83E, h46km, mb4.0/14, mb1 4.1/15, mb1mx4.0/23, Error ellipse: s-maj=35.5km s-min=14.9km az=50.0

ISC 27 11:19:47.8.4.5, 4.7N-101.94E, h62km, n37km, n30, n0584/28, mb4.3/23, 1C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, GYA Guiyang, LSA Lhasa, XAN Xi'an, etc.

IDC 27 11:20:34.0.0.8, 5.26N-93.62E, mb4.2/10, mb1 4.3/11, mb1mx4.1/19, Error ellipse: s-maj=43.4km s-min=17.5km az=54.0

NEIC 27 11:20:38.3.0.5, 14N-93.54E, h30km, mb4.5/3, Error ellipse: s-maj=18.8km s-min=10.5km az=65.0

ISC 27 11:20:36.0.8.5, 1N-101.93E, h30km, n18, n0581/15, mb4.2/13, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Sogingo Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, etc.

IDC 27 11:30:39.4.0.6, 7.73N-92.63E, mb4.2/16, mb1 4.3/17, mb1mx4.3/22, ML4.8/1, MS4.4/6, Ms1 4.5/6, ms1mx4.0/26, Error ellipse: s-maj=29.6km s-min=14.6km az=48.0

BUT 27 11:30:41.7.7.14N-92.42E, h49km, mb5.2, mb4.8, Ms4.9, Ms2.7

NEIC 27 11:30:43.6.0.4, 7.55N-92.43E, h30km, mb4.7/15, Error ellipse: s-maj=9.9km s-min=8.8km az=28.0

ISC 27 11:30:38.5.3.2, 7.43N-107.97E, h37E, h15km, n22km, n63, n1813/55, mb4.6/41, MS4.6/3, 1C-10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PALK Palkelele, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 27 11:36:28.3.1.1, 2.9N-105.5E, mb4.8

ENSH Enshi

TGY Tagaytay City

LZH Lanzhou

GTA Gaotai

GTA Gaotai

GTA Gaotai

GTA Gaotai

GTA Gaotai

NJ2 Nanjing

NJ2 Nanjing

NJ2 Nanjing

NJ2 Nanjing

HHC Hu-ho-hao-te

HHC Hu-ho-hao-te

HHC Hu-ho-hao-te

HHC Hu-ho-hao-te

AAK Ala-Archa

BJI Beijing

BJI Beijing

BJI Beijing

JOW Kunigami

SONM Sogingo Array

ZAL Zalesovo

BVAR Borovoye Array

CHVK Chkalovo

WRA Warramunga Arr

ASAR Alice Springs

ASAR Alice Springs



Table with columns for station name, frequency, time, and other parameters. Includes stations like Lanzhou, Xi'an, Wuhuan, Gaotai, etc.

Table with columns for station name, frequency, time, and other parameters. Includes stations like SONM, ULN, ZAK, Wonju Array Si, etc.

Table with columns for station name, frequency, time, and other parameters. Includes stations like MALT, MALTYA, AYUS, Port Moresby, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VYHS Vyhne, SRO Srobarova, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, BMO Blue Mountains, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, LSA Lhasa, etc.

Additional text at the bottom of the second table, including station codes and coordinates: IDC 27 12:13:58.0, 7.5, 7.5N-92.94E, mb3.9/3, mb1 3.9/5, etc.





27d 12h

mb1mx3.9/18, Error ellipse: s-maj=35.5km s-min=18.5km az=48.0
NEIC 27 12:33:44.9, 0.7, 13.59N-93.05E, h30km, mb4.2/2, Error ellipse: s-maj=17.7km s-min=13.5km az=221.0
BUJ 27 12:33:44.9, 13.46N-93.95E, h20km, mb4.2
ISC 27 12:33:42.2, 0.8, 13.6N, 0.1, 93.09E, 0.09, h30km, n15, a#107/16, mb3.8/12, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LZH Lanzhou, GYA Gaotai, etc.

ISC 27 12:37:54.9, 1.0, 2.46N, 98.00E, mb3.6/2, mb1 3.8/3, mb1mx3.5/17, ML3.5/1, Error ellipse: s-maj=337.0km s-min=45.7km az=72.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 27 12:39:06.7, 0.8, 52.06N-174.14E, mb3.8/16, mb1 4.0/16, mb1mx3.9/26, Error ellipse: s-maj=19.1km s-min=13.8km az=23.0

NEIC 27 12:39:10.6, 1.8, 52.13N-174.06E, h25km, 10km, mb3.9/3, Error ellipse: s-maj=15.5km s-min=8.9km az=165.0

ISC 27 12:39:11.2, 2.0, 0.52N, 0.1, 174.0E, 0.1, h42km, 14km, n23, a#079/24, mb3.9/19, 1D, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SMY Shemya, FX1 Attu Island-F, ILAR Eielson Array, etc.

ISC 27 12:40:54.2, 2.8, 7.12N-93.27E, mb4.0/4, mb1 4.1/5, mb1mx3.8/18, ML3.8/1, Error ellipse: s-maj=94.0km s-min=22.9km az=69.0

NEIC 27 12:40:58.4, 1.0, 7.22N-93.27E, h30km, mb4.2/2, Error ellipse: s-maj=31.6km s-min=15.5km az=69.0

BUJ 27 12:40:58.4, 7.20N, 93.30E, h30km, mb4.4
ISC 27 12:40:59.9, 1.5, 6.8N, 0.2, 92.6E, 0.3, h30km, n10, a#065/9, mb4.2/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, GYA Guiyang, GYA Gaotai, etc.

ISC 27 12:45:06.5, 0.8, 8.87N-92.14E, mb4.3/14, mb1 4.3/15, mb1mx4.1/24, ML3.9/1, Error ellipse: s-maj=34.1km s-min=14.9km az=47.0

NEIC 27 12:45:11.1, 2.0, 6.8, 8.89N-92.22E, mb4.4/5, Error ellipse: s-maj=15.3km s-min=10.0km az=52.0

BUJ 27 12:45:11.1, 8.71N, 93.05E, h27km, mb5.1, mb4.5
ISC 27 12:45:09.3, 0.7, 8.93N, 0.09, 92.33E, 0.09, h28km, h28km, 1.0km, p-P, n30, a#066/27, mb4.3/20, 2C, Nicobar Islands region

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

2005 DEC

Table with columns: SHL Shillong, POO Poona, LSA Lhasa, LSA GYA, GYA Guiyang, ENH Enshi, GNTA Gaotai, AAK Ala-Archa, AAK Songino Array, ULN Ulanbataar, CN2 Changchun, ZAL Zalesovo, BVAR Borovoye Array, CHKZ Chkalovo, CHKZ WRA, ASAR Alice Springs, GNI Garmi, PMG Port Moresby, BRTR Keskin Array, IDI Anzhi, FINES FINESS Array, ARCES ARCES Array, KHC Kasperske Hory, LPL La Plagne, ILAR Eielson Array, INK Inuvik, INK Pinedale Array, etc.

ISC 27 12:47:12.4, 4.1, 10.63N-93.20E, mb4.0/5, mb1 4.1/5, mb1mx3.8/18, Error ellipse: s-maj=95.0km s-min=88.3km az=17.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, ZAL Zalesovo, ARCES ARCES Array, ILAR Eielson Array, INK Inuvik, etc.

ISC 27 12:48:17.7, 0.5, 8.56N-93.76E, h24km, 2km, mb4.3/22, mb1 4.3/23, mb1mx4.3/27, MS3.6/1, Ms1 3.8/1, ms1mx2.8/28, Error ellipse: s-maj=20.7km s-min=12.5km

MOS 27 12:48:17.5, 1.0, 8.69N-93.92E, h33km, mb4.9/16, Error ellipse: s-maj=13.9km s-min=6.9km az=121.8
NEIC 27 12:48:18.0, 0.3, 8.58N, 93.84E, mb4.9/1, Error ellipse: s-maj=7.9km s-min=7.1km az=214.0
BUJ 27 12:48:18.3, 8.15N, 93.43E, h57km, mb5.2, mb4.6, Ms5.0, Ms2.7

ISC 27 12:48:16.2, 0.4, 8.50N, 0.06, 93.82E, 0.06, h25km, h25km, 5km, p-P, n118, a#091/17, mb4.6/50, MS5.0/1, 2C-30, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SHL Shillong, SHL Hyderabad, HYB Hyderabad, KMI Kunming, PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, LSA Lhasa, LSA Lhasa, GKN Gorkha, KOLN Koldanda, BHPL Bhopal, GYA Guiyang, LGTI Lohaghat, NDI New Delhi, DDI Dehra Dun, LZH Lanzhou, LZH Gaotai, N2J Nanjing, N2J Nanjing, N2J Nanjing, KSH Kashi, WMQ Urumqi, WMQ Urumqi, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, ULHL Ulhal, KZA Kyzart, JOW Kunigami, etc.

900

Table with columns: UCH Uchtor, TKM2 Tokmak 2, KBK Karagaybulak, AML Almayasha, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, EKSZ Erkin-Say, USP Osenovka, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songino Array, SONM Songino Array, ZAK Zakamensk, TLY Talaya, TLY Talaya, ZAL Zalesovo, NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, WRA Warramunga Arr, WRA Warramunga Arr, WRAP Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, BOD Bodaibo, BOD Bodaibo, GNI Garmi, ARU Arti, ARU Arti, ARU Arti, ZEI Tsey, ZEI Tsey, ZEI Tsey, KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, KMBO Kilima Mbovo, KMBO Kilima Mbovo, KMBO Kilima Mbovo, ASF Jabal al Asfar, MALT Malatya, MALT Malatya, MALT Malatya, MALT Malatya, SOC Sochi, SOC Sochi, SOC Sochi, SOC Sochi, SOC Sochi, EIL Eliat, EIL Eliat, BRTR Keskin Array, BRTR Keskin Array, MBAR Mbarara, MBAR Mbarara, ISP Isparta, MOS Moscow, MOS Moscow, OBN Obninsk, OBN Obninsk, OBN Obninsk, TIXI Tiksi, TIXI Tiksi, AKASG Malin Array Be, AKASG Malin Array Be, MLR Muntele Ros, MLR Muntele Ros, MLR Muntele Ros, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, CRVS Cervencia-Dub, CRVS Cervencia-Dub, KECS Kecoovo, KECS Kecoovo, OJC Ojcow, YHHS Yhne, LBTB Lobate, LBTB Lobate, OKC Ostrava-Krasne, OKC Ostrava-Krasne, ARCES ARCES Array B, ARCES ARCES Array B, MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou









Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDFB Brasilia, BAO BAO, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2 Chengdu, ENH Enshi, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA comp=Z,3.0nm,0.8s, CHKZ Chkalovo, etc.

IDC 27 13:29:54.0, 19.46N:68.07W, mb3.8/7, mb1 4.3/11, mb1mx3.9/23, ML4.4/2, MS3.3/2, Ms1 3.3/2, ms1mx2.3/28, Error ellipse: s-maj=25.7km s-min=15.6km az=46.0

NEIC 27 13:29:54.1, 19.65N:68.32W, h24km, MD3.9(RSPR), After RSPR.

RSPR 27 13:29:54.1, 19.65N:68.32W, h25km+42km, MD3.9/13, MD3.9/13

ISC 27 13:29:54.2, 0.15, 19.50N:0.05, 68.11W:0.05, h10km, n34, c088/48, mb3.9/7, 14C-1D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, MFR Mayaguez, LSP Las Mesas, etc.

NWAO Narrogin (SRO) 40.93 152 P P 13 42 06.8 +0.9

NWAO Narrogin (SRO) 40.93 152 P P 13 42 06.8 +0.9

BJT Baijiatuu 41.52 24 eP P 13 42 12.2 +1.5

BJT Baijiatuu 41.52 24 eP P 13 42 12.2 +1.5

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

WMQ Wujiaochang 41.52 351 fP P 13 42 11.5 +0.8

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

YAK Yakutsk 64.40 17 eP P 13 44 57.2 -2.2

BUI 27 13:34:22.7, 2.59N:95.72E, h27km, mb5.1, mb5.0, Ms4.5, Ms4.3

IDC 27 13:34:24.9, 0.7, 2.75N:95.55E, h21km, mb4.1/16, mb1 4.3/17, mb1mx4.2/23, ML4.7/1, MS4.0/1, Ms1 4.0/1, ms1mx2.9/24, Error ellipse: s-maj=25.6km s-min=13.3km az=46.0

MOS 27 13:34:24.1, 1.1, 2.4N:95.71E, h33km, mb4.7/19, Error ellipse: s-maj=23.2km s-min=11.1km az=97.3

NEIC 27 13:34:25.1, 0.4, 2.73N:95.58E, mb4.7/16, Error ellipse: s-maj=11.9km s-min=7.9km az=67.0

SYO 27 13:34:26.1, 2.74N:95.64E, h30km, MB4.7

ISC 27 13:34:23.6, 0.4, 2.73N:95.65E, 0.07, h24km, h24km+1.3km, pP-P, n88, e1508/90, mb4.6/44, Ms4.2/5, 2C-1D, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

MDJ Mudanjiang 51.32 31 P P 13 43 26.2 -1.9

MDJ Mudanjiang 51.32 31 P P 13 43 26.2 -1.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

ZAL Zalesovo 51.81 352 P P 13 43 30.8 -0.9

DJA 27 13:34:56.9, 1.0, 8.59S:114.92E, h30km, mb4.7/15, Error ellipse: s-maj=15.9km s-min=10.4km az=114.9

BUI 27 13:38:52.3, 0.9, 12.87N:92.55E, h33km, mb4.7/15, Error ellipse: s-maj=15.9km s-min=10.4km az=114.9

MOS 27 13:38:52.3, 0.9, 12.87N:92.55E, h33km, mb4.7/15, Error ellipse: s-maj=15.9km s-min=10.4km az=114.9

NEIC 27 13:38:54.6, 0.5, 12.82N:92.49E, mb4.5/9, Error ellipse: s-maj=15.9km s-min=10.4km az=114.9

IDC 27 13:38:55.0, 0.7, 12.27N:92.96E, mb4.4/17, mb1 4.5/18, mb1mx4.2/25, ML4.1/1, Error ellipse: s-maj=34.3km s-min=15.3km az=51.0

ISC 27 13:38:52.6, 0.5, 12.82N:92.46E, 0.05, h35km, h35km+3.6km, pP-P, n109, e1818/68, mb4.3/23, MS4.2/1, 5C-2D, Andaman Islands region

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

















Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TIKSI, CFR, MA2, AKASG, SKR, VRI, STKA, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like GRUS, KECS, NIE, PSZ, PSZ, LUSAKA, OJC, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like COP, COP, COP, LOF, LOF, FXI, MOX, MOX, etc.

27d 14h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like ABH Alteburg, FIN Finale Ligure, MCGN Macugnaga, etc.

2004 DEC

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WALI Walls, EJON La Jonquera, SUR Sutherland, etc.

912

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like QUIF Quistin, SBD Saint-Breward, EMUR La Murta, etc.









Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, BILL Bilibino, GERES GERESS Array B, etc.

IDC 27 15:46:14.6, 1.1, 5.64N-93.32E, mb4.1/8, mb1 4.4/9, mb1mx4.1/19, ML4.4/1, Error ellipse: s-maj=44.3km s-min=18.1km az=55.0

NEIC 27 15:46:19.3, 0.6, 5.64N-93.28E, h30km, mb4.3/5, Error ellipse: s-maj=14.9km s-min=10.2km az=67.0

BUI 27 15:46:27.1, 6.43N-93.97E, h30km, mb4.8/9, Error ellipse: s-maj=17.1, 0.8, 5.59N-0.09, 93.3E-0.1, h30km, m25, c1504/23, mb4.3/14, 2C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, HYB Hyderabad, etc.

IDC 27 15:49:27.8, 0.8, 7.27N-92.29E, mb4.3/12, mb1 4.5/12, mb1mx4.3/21, Error ellipse: s-maj=41.8km s-min=16.0km az=46.0

MOS 27 15:49:31.2, 1.2, 7.19N-92.05E, h33km, mb4.7/20, Error ellipse: s-maj=25.7km s-min=10.2km az=112.7

BUI 27 15:49:31.4, 7.13N-92.87E, h27km, mb4.9, mb4.5, Ms4.4, Ms24.2

NEIC 27 15:49:32.9, 0.3, 7.22N-92.28E, mb4.6/13, Error ellipse: s-maj=13.9km s-min=8.0km az=48.0

SYO 27 15:49:32.2, 7.20N-92.27E, h30km, MB4.6/19, Error ellipse: s-maj=19.0, 0.7, 19.0N-0.3, 92.27E-0.07, h32km, h32km, 1.8km, pp-N13, c089/64, mb4.5/35, MS4.2/3, 3C-3D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, ENH Enshi, ENH Gaotai, NJ2 Nanjing, WMO Urumqi, WMO Songino Array, etc.

IDC 27 15:50:07.7, 8.0, 14S-100.63E, mb4.1/3, mb1 4.3/3, mb1mx3.8/15, Error ellipse: s-maj=279.0km s-min=31.3km az=65.0, Southern Sumatara

IDC 27 15:55:31.7, 11.0, 4.73N-97.80E, mb3.6/3, mb1 3.9/3, mb1mx3.6/16, MS3.6/1, Ms1 3.8/1, ms1mx2.8/23, Error ellipse: s-maj=392.0km s-min=31.2km az=68.0, Northern Sumatara

IDC 27 15:57:20.5, 0.8, 9.02N-93.24E, mb4.1/2, mb1 4.2/13, mb1mx4.1/22, Error ellipse: s-maj=36.9km s-min=14.8km az=55.0

NEIC 27 15:57:24.2, 8.9, 16N-93.34E, h27km, 20km, mb4.3/5, Error ellipse: s-maj=10.0km s-min=8.3km az=53.0

ISC 27 15:57:23.5, 0.6, 9.15N-107.93E, mb3.6/0.08, h33km, m27, c085/27, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PALK Pallekele, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBAR Mbarara, OBN Obninsk, IDI Anoyia, etc.

IDC 27 15:50:07.7, 8.0, 14S-100.63E, mb4.1/3, mb1 4.3/3, mb1mx3.8/15, Error ellipse: s-maj=279.0km s-min=31.3km az=65.0, Southern Sumatara

IDC 27 15:55:31.7, 11.0, 4.73N-97.80E, mb3.6/3, mb1 3.9/3, mb1mx3.6/16, MS3.6/1, Ms1 3.8/1, ms1mx2.8/23, Error ellipse: s-maj=392.0km s-min=31.2km az=68.0, Northern Sumatara

IDC 27 15:57:20.5, 0.8, 9.02N-93.24E, mb4.1/2, mb1 4.2/13, mb1mx4.1/22, Error ellipse: s-maj=36.9km s-min=14.8km az=55.0

NEIC 27 15:57:24.2, 8.9, 16N-93.34E, h27km, 20km, mb4.3/5, Error ellipse: s-maj=10.0km s-min=8.3km az=53.0

ISC 27 15:57:23.5, 0.6, 9.15N-107.93E, mb3.6/0.08, h33km, m27, c085/27, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PALK Pallekele, etc.

IDC 27 15:57:20.5, 0.8, 9.02N-93.24E, mb4.1/2, mb1 4.2/13, mb1mx4.1/22, Error ellipse: s-maj=36.9km s-min=14.8km az=55.0

NEIC 27 15:57:24.2, 8.9, 16N-93.34E, h27km, 20km, mb4.3/5, Error ellipse: s-maj=10.0km s-min=8.3km az=53.0

ISC 27 15:57:23.5, 0.6, 9.15N-107.93E, mb3.6/0.08, h33km, m27, c085/27, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BRVK Borovoye, NWAO Narrogin (SRO), etc.

DJA 27 16:02:40.7,0.9,10.18Sx114.14E,h33km,MD5.4/3, ML5.1/4,7C-2D,Error ellipse: s-maj=21.1km s-min=11.6km az=90, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SRDI Scrawled, SRDI Scrawled, KELI Kelakatan, etc.

DJA 27 16:07:06.2,0.9,10.09S,114.20E,h2km,MD4.8/3, ML4.7/4,4C-4D,Error ellipse: s-maj=21.1km s-min=11.8km az=12.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SRDI Scrawled, KELI Kelakatan, KELI Kelakatan, etc.

SYO 27 16:08:15.8,5.79N,93.12E,h14km,MB4.4, NEIC 27 16:08:18.4,2.4,5.77N,93.07E,h31km,mb4.7/7, Error ellipse: s-maj=8.5km s-min=6.8km az=47.0

BUI 27 16:08:18.4,5.80N,93.10E,h30km,MB4.8,mb4.5,Ms4.3, Ms2.4

IDC 27 16:08:20.2,4.7,5.82N,93.07E,h45km,43km,mb4.0/19, mb1.4/20,mb1mx4.1/24,ML4.1/1, Error ellipse: s-maj=23.6km s-min=11.5km az=53.0

ISC 27 16:08:13.7,2.4,5.70N,0.06,93.07E,0.07,h12km,14km, n46,c098/42,mb4.4/32,MS4.0/2,1C-1D,Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WMQ comp=Z,11nm,0.7s,mb4.7, WMQ comp=Z,95nm,9.3s, etc.

SONM Songoing Array 43.51 13 P P 16 16 19.2 +0.3

NWAO Narrogin (SRO) 44.75 151 P P 16 16 29.9 +0.7

NWAO Narrogin (SRO) 44.75 151 P P 16 16 29.5 +0.4

WRA Warramunga Arr 47.92 123 P P 16 16 54.5 +0.1

WRAB Tennant Creek 47.92 123 P P 16 16 54.5 +0.2

ZAL Zalesovo 48.56 353 P P 16 16 58.8 -0.1

ASAR Alice Springs 49.39 128 P P 16 17 05.4 -0.2

ASAR comp=Z,4.5nm,1.1s,mb4.4,baz=299,slow=7.8,SNR=17 P P 16 18 28.4 0.0

MDJ Mudjanjani 50.20 34 P P 16 17 10.0 -1.6

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

MDJ comp=Z,1.7nm,0.5s,mb4.7 P P 16 18 28.0 -3.0

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

IDC 27 16:12:55.2,2.1,4.0,11N,77.91E,mb3.9/7,mb1.4/0/9, mb1mx3.8/22,ML3.3/2, Error ellipse: s-maj=41.5km s-min=25.4km az=173.0

BUI 27 16:12:59.4,4.0,61N,77.77E,h14km,mb5.0,mb4.5,ML4.0, MOS 27 16:13:01.3,0.9,4.0,60N,77.89E,h33km,mb4.0/2, Error ellipse: s-maj=38.5km s-min=16.7km az=109.6

NEIC 27 16:13:03.5,3.5,4.0,66N,77.74E,h49km,21km, Error ellipse: s-maj=39.5km s-min=14.1km az=172.0

NNC 27 16:13:05.1,3.6,4.1,07N,78.00E,mpv4.5, Error ellipse: s-maj=27.1km s-min=16.5km az=169.0

ISC 27 16:12:57.7,0.5,4.0,42N,0.04,77.95E,0.05,h10km,n39,c1543/45,mb3.8/8,4C-4D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, KSH Kashi, KSH comp=N,1um,0.7s, etc.

ULHL Ulaho 2.23 325 P Pn 16 13 36.4 +1.1

KZA Kyzart 2.62 310 P Pn 16 13 41.9 +1.0

AAA Alma-Ata 2.95 346 ePn Pn 16 13 49.9 +4.4

AAA Alma-Ata 2.95 346 ePn Pn 16 14 25.5 +1.2

TKM2 Tokmak 3.06 326 P Pn 16 13 48.3 +1.2

UCH Uchtr 3.15 306 P Pn 16 13 49.3 +0.8

KBK Karagaybulak 3.17 316 P Pn 16 13 50.4 +1.6

AAK Ala-Archa 3.41 312 jPn Pn 16 13 57.9 +5.8

AAK Ala-Archa 3.41 312 P Pn 16 14 38.9 +1.3

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 14 02.3 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

AAK Ala-Archa 3.41 312 ePn Pn 16 13 52.1 0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, YKA Yellowknife Arr, etc.

IDC 27 16:13:53.6,1.9,8.70N,91.41E,mb4.1/11,mb1.4/2/12, mb1mx4.0/22,ML3.8/1, Error ellipse: s-maj=53.0km s-min=26.4km az=138.0

NEIC 27 16:13:58.2,1.2,8.67N,91.41E,h30km,mb4.5/1, Error ellipse: s-maj=32.5km s-min=9.8km az=146.0

ISC 27 16:13:56.7,4.2,8.9N,0.3,91.3E,0.2,h22km,27km,n16,c067/15,mb4.1/12,Nicarobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekele, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 27 16:18:06.0,4.0,4.85N,94.25E,mb7.3/32,mb1.4/8/33, mb1mx4.8/35,ML5.0/1,MS4.3/8,Ms1.4/3,ms1mx3.9/28, Error ellipse: s-maj=17.8km s-min=10.6km az=48.0

MOS 27 16:18:09.0,0.8,4.89N,94.27E,h33km,mb5.1/53, MS4.3/4, Error ellipse: s-maj=11.1km s-min=5.8km az=118.5

BUI 27 16:18:10.0,4.61N:94.38E,h51km,mb5.1,mb5.0,Ms4.5, Ms2.4

SYO 27 16:18:10.7,4.86N:94.25E,h31km,MB4.8, NEIC 27 16:18:12.0,0.9,4.82N:94.26E,h36km,6km,mb4.9/39, Error ellipse: s-maj=6.3km s-min=4.9km az=216.0

HRVD 27 16:18:12.0,0.7,4.63N:94.19E,h27km,1km,MW5.0/42, Centroid moment Tensor Solution, LP body waves: s16,c22, Mantle waves: s42,c66; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.73s; 27; Mw=2.07s; 17; Mw=0.66s; 20; Mo=0.32s; 28; Mo=1.24s; 12; Mo=2.17s; 38; Best double couple: Mo:3.43x10^16 NP1; 99; 841; 1-132; NP2; 329; 861; 1-60; Principal axes: T:2.94, Plg111, Azm37; N:96, Plg26; Azm133; P:3.91, Plg61; Azm287; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 27 16:18:07.2,1.7,4.81N,0.04,94.27E,0.04,h16km,11km, n39,c1543/45,mb3.8/8,4C-4D,Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekele, KKTK Khaton Keen, CM31 Chiang Mai Arr, etc.

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5

CMAR Chiang Mai Arr 14.31 18 P P 16 21 35.0 +3.5





















Table of astronomical observations for 27d 17h, listing objects like FX1, KNC, PGD, etc., with their coordinates and observation details.

Table of astronomical observations for 2004 DEC, listing objects like LFF, LFN, LDF, etc., with their coordinates and observation details.

Table of astronomical observations for 926, listing objects like WRA, KIV, KIV, etc., with their coordinates and observation details.

MOS 27 17:45:49.0, 8.4, 6.8N-94.01E, h33km, mb4.6/13, Error ellipse: s-maj=17.3km s-min=11.5km az=111.1





Table with columns for flight codes (e.g., XAN, MBWA, LZH), destinations (e.g., S, S, AMB), times (e.g., 18 21 31.5), and other flight details.

Table with columns for flight codes (e.g., ULN, ASAR, SNY), destinations (e.g., comp=Z, Alice Springs, Shenyang), times (e.g., 46.23, 46.38), and other flight details.

Table with columns for flight codes (e.g., CLNS, ZEI, SVE), destinations (e.g., comp=Z, Yuzh-Sakhalins, Tsey), times (e.g., 60.55, 60.15), and other flight details.





FRU	Bishkek	42.89 339	eP	P	18 45 50.0 +0.9
FRU			e		18 46 08.0
FRU			pmax	pmax	
CHMS	Chumysh	42.99 339	P	P	18 45 50.5 +0.6
CHMS			SNR=5		
EKS2	Erkin-Say	43.05 338	P	P	18 45 51.4 +1.0
USP	Ospenovka	43.31 339	P	P	18 45 53.1 +0.6
USP			SNR=18		
MKAR	Makanchi Array	44.43 349	iP	P	18 46 01.9 +0.3
MKAR			pmax	pmax	
SONM	Songino Array	45.43 12	P	P	18 46 11.7 +0.6
SONM			SNR=5		
SONM			comp=Z,19nm,0.8s,mb5.0,baz=192,slow=8.8,SNR=60		
SONM			PCP		
ULN	Ulaanbaatar	45.80 12	eP	P	18 46 12.5 +0.1
ULN			ePP		
ULN			pmax	pmax	
ULN			comp=Z,65nm,1.8s,mb5.3		
ULN	Ulaanbaatar	45.80 12	eP	P	18 46 12.5 +0.1
ULN			SNR=5		
ULN			ePP		
WRA	Warramunga Arr	46.01 122	P	P	18 46 14.8 +0.3
WRA			SNR=13		
WRA	Warramunga Arr	46.01 122	P	P	18 46 14.8 +0.3
WRA			pmax	pmax	
WRAB	Tennant Creek	46.02 122	eP	P	18 46 14.9 +0.4
WRAB			SNR=5		
WRAB			comp=Z,77nm,1.0s,mb5.6		
WRAB			PCP		
ASAR	Alice Springs	47.36 127	P	P	18 46 23.6 +0.5
ASAR			SNR=5		
ASAR			comp=Z,17nm,0.9s,mb5.0,baz=304,slow=7.7,SNR=58		
ASAR			PCP		
ASAR			comp=Z,7.2nm,0.7s,baz=303,slow=3.5,SNR=8.1		
TLY	Talaya	48.07 8	iP	P	18 46 35.3 -1.1
TLY			pmax	pmax	
CN2	Changchun	49.05 30	AMB	AMB	18 46 37.0 -0.9
CN2			AMB	AMB	
CN2			comp=N,3um,14.0s,MS5.6		
CN2			LR	LR	
CN2			comp=E,3um,14.0s,MS5.6		
CN2			LR	LR	
RDF	Al-Radifiah	50.75 305	eP	P	18 46 52.0 +0.8
RDF			Amb	AMB	
RDF			18 46 53.2		
HIA	Hailar	50.81 22	eP	P	18 46 51.5 +0.2
HIA			pmax	pmax	
HIA			comp=Z,32nm,0.9s		
HIA	Hailar	50.81 22	eP	P	18 46 51.5 +0.2
HIA			SNR=5		
UMR	Umn Al-Rimmam	50.85 306	eP	P	18 46 52.7 +0.9
UMR			Amb	AMB	
UMR			18 46 53.8		
ZAL	Zalesovo	50.98 353	P	P	18 46 52.5 0.0
ZAL			SNR=5		
ZAL	Zalesovo	50.98 353	P	P	18 46 52.6 +0.1
ZAL			pmax	pmax	
MIB	Mutribah	51.25 306	eP	P	18 46 55.3 +0.5
MIB			Amb	AMB	
MIB			18 46 56.6		
RST	Umn Al-Ruwaisa	51.41 306	eP	P	18 46 56.6 +0.4
RST			Amb	AMB	
RST			18 46 57.9		
MDJ	Mudanjiang	51.75 32	P	P	18 46 58.8 +0.3
MDJ			AMB	AMB	
MDJ			comp=Z,17nm,2.1s,mb4.6		
MDJ			AMB	AMB	
MDJ			comp=Z,747nm,11.5s		
NVS	Novosibirsk	52.06 352	eP	P	18 46 59.5 -1.2
NVS			eS		
NVS			S		
NVS			18 54 30.9 +1.0		
NVS			pmax	pmax	
NVS			comp=N,62nm,1.2s		
NVS			pmax	pmax	
NVS			comp=E,36nm,1.2s		
NVS			pmax	pmax	
NVS			comp=Z,79nm,1.2s,mb5.5		
NVS			smax		
NVS			comp=N,18nm,2.0s		
NVS			smax		
BVAO	Borovoye Array	53.18 343	iP	P	18 47 08.0 -1.1
BVAO			pmax	pmax	
BVAO			comp=Z,2.0nm,0.8s,mb4.8		
BVAO	Borovoye Array	53.18 343	P	P	18 47 08.2 -0.8
BVAO			SNR=5		
BVAO			comp=Z,14nm,0.7s,mb5.0,baz=141,slow=9.5,SNR=47		
BRVK	Borovoye	53.24 342	eP	P	18 47 08.5 -1.0
BRVK			ePP		
BRVK			pP		
BRVK			18 47 17.2 -1.0		
BRVK			pmax	pmax	
BRVK	Borovoye	53.24 342	eP	P	18 47 08.5 -1.0
BRVK			SNR=5		
BRVK			comp=Z,23nm,1.1s,mb5.0		
BRVK			comp=Z,24nm,1.1s,mb5.0		
BRVK	Chkalovo	53.68 343	eP	P	18 47 17.1 -1.0
BRVK			eP		
BRVK			pP		
BRVK			18 47 20.5 -0.9		
BRVK			pmax	pmax	
CHZK	Chkalovo	53.68 343	eP	P	18 47 12.0 -0.7
CHZK			SNR=5		
CHZK			comp=Z,52nm,1.0s,mb4.4		
CHZK	Port Moresby	54.62 104	P	P	18 47 20.5 -0.9
CHZK			eP		
CHZK			pP		
CHZK			18 47 19.9 -0.3		
CHZK			pmax	pmax	
CHZK	Port Moresby	54.62 104	P	P	18 47 19.9 -0.3
CHZK			SNR=5		
CHZK			comp=Z,5.0nm,0.7s		
CHZK	Port Moresby	54.62 104	P	P	18 47 19.9 -0.3
CHZK			SNR=5		
CHZK			comp=Z,10nm,0.8s,mb4.9		
CHZK	Kul'dur	55.95 29	eP	P	18 47 26.8 -2.5
CHZK			pmax	pmax	
CHZK			comp=Z,36nm,1.4s,mb5.2		
CTA	Charters Tower	56.46 117	P	P	18 47 33.9 +0.5
CTA			SNR=10		
CTA	Charters Tower	56.46 117	P	P	18 47 33.9 +0.5
CTA			SNR=10		
CTA			comp=Z,12nm,1.0s		
CTA	Charters Tower	56.46 117	eP	P	18 47 32.2 -1.2
CTA			ePP		
CTA			pP		
CTA			18 47 41.8 -0.3		
CTA			18 47 33.6 -0.3		
CTA			18 47 39.8		
CTA			18 47 35.5 +0.1		
CTA			18 47 35.5 +0.1		
CTA			pmax	pmax	
CTA			comp=Z,4.0nm,0.9s		
CTA	Kilima Mbogo	56.73 266	eP	P	18 47 35.5 +0.1
CTA			SNR=8.6		
CTA	Kilima Mbogo	56.73 266	eP	P	18 47 35.5 +0.1
CTA			SNR=8.6		
CTA			pmax	pmax	
CTA			comp=Z,4.0nm,0.9s		
CTA	Kilima Mbogo	56.73 266	eP	P	18 47 35.5 +0.1
CTA			SNR=8.6		
CTA			comp=Z,12nm,1.4s,mb4.7		
CTA	Stevens Creek	57.28 132	P	P	18 47 39.1 0.0
CTA			SNR=20		
CTA			comp=Z,12nm,0.8s,mb5.0,baz=298,slow=8.3,SNR=20		
CTA			LR	LR	
CTA			19 13 34.7		
CTA			18 47 38.8 -0.3		
CTA			18 47 47.1 -0.8		
CTA			18 47 40.1 +0.1		
GNI	Garni	57.43 317	eP	P	18 47 39.4 -0.7
GNI			SNR=8		
GNI			comp=Z,16nm,1.0s,mb5.0,baz=317,slow=8.1,SNR=8		
GNI			LR	LR	
GNI			19 16 26.8		
GNI			18 47 39.4 -0.6		
GNI			18 47 52.1 +0.8		
GNI			18 47 52.1 +0.8		
GNI			pmax	pmax	
GNI			comp=Z,16nm,0.9s		
GNI	Garni	57.43 317	eP	P	18 47 39.4 -0.6
GNI			SNR=5		
GNI			comp=Z,1.6nm,0.9s,mb5.1		
GNI	Asahikawa	59.06 39	P	P	18 47 52.1 +0.8
GNI			SNR=3.6		
GNI	Asahikawa	59.06 39	P	P	18 47 52.1 +0.8
GNI			SNR=3.6		
GNI			pmax	pmax	
GNI			comp=Z,19nm,1.0s		
GNI	Tsey	59.18 319	eP	P	18 47 51.4 -0.8
GNI			iPP		
GNI			pP		
GNI			18 48 00.0 -1.1		
GNI			pmax	pmax	
GNI			comp=Z,10.0nm,0.7s,mb5.0		
GNI	Sverdlovsk	59.50 340	eP	P	18 47 53.0 -1.2
GNI			eS		
GNI			S		
GNI			18 47 58.0		
GNI			18 56 08.6 +8.5		
GNI			pmax	pmax	

SVE				MLR	MLR
SVE				comp=Z,80nm,1.5s,mb5.5	
ERZM	Ezrum	59.68 315	iP	P	18 47 56.4 +0.7
ERZM			iP		
ERZM			59.94 338		18 47 54.2 -2.4
ARU					18 48 36.0
ARU					18 50 05.9
ARU				eS	18 50 05.8 0.0
ARU				comp=Z,40nm,1.8s,mb5.0	
ARU				eSS	18 57 47.6
ARU				SS	19 00 05.7 +2.2
ARU				pmax	
ARU				MLR	MLR
ARU				comp=Z,18nm,1.0s,mb5.1	
ARU				MLR	MLR
ARU				comp=Z,1um,18.0s,MS5.0	
ARU				MLR	MLR
ARU				comp=N,700nm,20.0s,MS5.0	
ARU				MLR	MLR
ARU				comp=E,700nm,17.0s,MS5.0	
ARU				MLR	MLR
ARU				comp=E,38nm,1.4s,mb5.2	
ARU				eP	P
ARU				pP	
ARU				18 48 03.8 -2.3	
ARU				18 48 01.7 +0.4	
ARU				18 48 00.2 -1.1	
ARU				pmax	pmax
ARU				comp=Z,13nm,0.8s,mb5.1	
ARU				P	18 48 00.2 -1.1
ARU				comp=Z,13nm,0.8s,mb5.1	
ARU				ePP	
ARU				pP	
ARU				18 48 11.1 +0.6	
ARU				18 48 04.0 +0.2	
ARU				18 48 06.0 -0.1	
ARU				pmax	pmax
ARU				comp=Z,21nm,1.1s,mb5.2	
ARU				P	18 48 06.0 -0.1
ARU				comp=Z,21nm,1.1s,mb5.2	
ARU				eP	
ARU				pP	
ARU				18 48 08.2 +0.1	
ARU				18 48 08.0 0.0	
ARU				comp=Z,27nm,1.1s,mb5.3	
ARU				iP	P
ARU				P	18 48 08.5 +0.2
ARU				18 48 13.2 +0.8	
ARU				18 48 13.8 +0.4	
ARU				18 48 10.6 -2.8	
ARU				18 48 49.8	
ARU				18 51 55.4 -6.6	
ARU				18 56 30.4 -5.5	
ARU				pmax	pmax
ARU				comp=N,6.0nm,0.8s	
ARU				pmax	pmax
ARU				comp=Z,20nm,0.8s,mb5.3	
ARU				pmax	pmax
ARU				comp=E,9.0nm,0.9s	
ARU				pmax	pmax
ARU				MLR	MLR
ARU				comp=Z,412nm,17.0s,MS4.7	
ARU				MLR	MLR
ARU				comp=N,439nm,19.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=E,349nm,17.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=N,439nm,19.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=E,349nm,17.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=N,439nm,19.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=E,349nm,17.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=N,439nm,19.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=E,349nm,17.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=N,439nm,19.0s,MS4.8	
ARU				MLR	MLR
ARU				comp=E,349nm,17.0s,MS4.8	

Table with columns: LPAZ, SDV, SDV, comp-Z, 1.0nm, 0.5s, pmax, PKPdf, PKPab, 18 57 50.7 -3.2, 18 58 31.3 -0.7

IDC 27 18:37:59.2±1.5, 9.55N-91.32E, mb4.3/4, mb1 4.5/5, mb1mx4.0/18, ML3.4/1, MS4.8/1, Ms1 4.8/1, ms1mx3.3/19, Error ellipse: s-maj=54.0km s-min=26.6km az=56.0

ISC 27 18:38:03.0±1.2, 9.7N-92.01E, h33km, n7, ±1973/6, mb4.3/4, MS4.9/1, Nicobar Islands region

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

IDC 27 18:39:59.8±1.6, 38.29N-139.95E, h116km, 15km, mb3.7/11, mb1 4.0/13, mb1mx3.9/24, MS4.6/1, Ms1 4.7/1, ms1mx3.0/34, Error ellipse: s-maj=19.3km s-min=9.7km az=104.0

BUI 27 18:40:00.3, 38.45N-139.89E, h146km, mb4.6, MOS 27 18:40:01.0±1.3, 38.40N-139.78E, h145km, mb4.0/14, Error ellipse: s-maj=17.3km s-min=9.6km az=79.1

NEIC 27 18:40:02.0±2.7, 38.38N-139.80E, h139km, 7km, mb4.1/11, Error ellipse: s-maj=9.8km s-min=7.5km az=117.0

JMA 27 18:40:02.0±2.1, 38.29N-139.93E, h136km, 1km, M3.7, Broadband fault plane solution: P waves: N1P3, 316°, 818°, 149°, N2P2, 178°, 876°, 1102°, Principal axes: T P157°, Azm104°, N P112°, Azm355°, P P130°, Azm258°

ISC 27 18:40:00.7±0.3, 38.33N-139.04E, h139.89E±0.6, h142km, 2km, n65, ±1007/6, mb4.1/20, 8C-4D, Near west coast of eastern Honshu

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

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

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

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

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

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

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

Table with columns: FINES, FINES, FINES, comp-Z, 1.0nm, 0.7s, P, P, 18 50 40.4 -0.1, 18 50 40.4 -0.1

NB2 NORASR Subarra 72.52 337 P P 18 51 12.7 -0.4

NOA NORASR Array B 72.52 337 P P 18 51 12.9 -0.2

NOA NORASR Array B 72.52 337 P P 18 51 13.0 -0.1

BOZ Bozeman (W) 74.61 44 eP P 18 51 26.8 +1.2

ELK Elko 75.63 49 eP P 18 51 33.0 +1.5

ELK Elko 75.63 49 eP P 18 51 33.0 +1.5

PDAR Pinedale Array 77.61 45 P P 18 51 43.9 +1.4

LPAZ La Paz 147.03 56 PKPbc PKPab 18 59 30.2 +5.6

LPAZ La Paz 147.03 56 PKP2 PKPab 18 59 30.3 -0.7

LVC Limon Verde 150.80 66 ePKPbc PKPdf 18 59 39.4 +8.9

IDC 27 18:46:54.6±1.5, 12.84N-91.83E, mb3.8/4, mb1 4.0/5, mb1mx3.6/18, ML4.3/1, MS4.5/1, Ms1 4.5/1, ms1mx3.2/27, Error ellipse: s-maj=46.8km s-min=27.7km az=45.0

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

WRA Warramunga Arr 48.11 126 P P 19 02 25.2 -3.3

ASAR Alice Springs 49.77 130 P P 19 02 40.6 -0.6

ARCES ARCES Array B 75.40 340 P P 19 05 30.5 -1.1

GERES GERES Array B 77.98 318 P P 19 05 44.4 -1.9

BUI 27 19:03:20.4±1.0, 50N-94.90E, h54km, mb4.9, IDC 27 19:03:22.4±1.0, 4.68N-95.07E, h54km, 6km, mb4.1/13, mb1 4.2/13, mb1mx4.0/20, Error ellipse: s-maj=40.0km s-min=16.0km az=47.0

NEIC 27 19:03:22.0±0.6, 4.54N-94.93E, mb4.8/4, Error ellipse: s-maj=21.6km s-min=11.9km az=56.0

ISC 27 19:03:20.9±0.7, 4.7N-95.2E, h33km, n14, h53km, h53km, 2.8km, pP-P, n44, ±103/43, mb4.5/23, Northern Sumatera

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

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

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

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

Table with columns: ARCES, ARCES, ARCES, comp-Z, 2.3nm, 0.5s, mb4.4, baz=89, slow=7.0, SNR=39, P, P, 19 15 18.4 +0.1, 19 15 18.5 +0.5

CLL Cullin 81.71 330 P P 19 15 45.0 -4.2

NOA NORASR Array B 83.00 331 P P 19 15 39.7 -1.9

NOA NORASR Array B 83.00 331 P P 19 15 39.7 -1.9

DAVOX Davos 83.38 316 P P 19 15 44.9 -1.0

DAVOX Davos 83.38 316 P P 19 15 59.0 -0.2

DAVOX Davos 83.38 316 P P 19 15 44.9 +1.0

DAVOX Davos 83.38 316 P P 19 15 49.0 -0.2

BUI 27 19:06:05.8, 8.76N-92.37E, h31km, mb5.1, mb4.8, NEIC 27 19:06:07.0±0.4, 8.80N-92.20E, h30km, mb4.6/7, Error ellipse: s-maj=11.6km s-min=8.1km az=72.0

IDC 27 19:06:09.3±0.5, 8.87N-92.27E, h46km, 45km, mb4.0/13, mb1 4.1/14, mb1mx3.9/22, ML4.3/1, Error ellipse: s-maj=10.5km s-min=7.4km az=57.0

ISC 27 19:05:05.6±3.1, 8.2N-101.92E, h33km, n39, ±0575/37, mb4.5/22, IC, Nicobar Islands region

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

ENH Enshi 26.77 35 P P 19 11 44.0 -0.5

GTA Gotai 31.23 11 eP P 19 12 25.5 +1.1

GTA Gotai 31.23 11 eP P 19 12 33.5 -0.5

GTA Gotai 31.23 11 eP P 19 12 33.5 -0.9

SONM Songino Array 40.72 15 P P 19 13 48.0 -0.6

SONM Songino Array 40.72 15 P P 19 13 48.0 -0.6

CN2 Changchun 45.28 34 P P 19 14 23.3 +0.3

ZAL Zalesovo 45.28 354 P P 19 14 22.3 +0.1

HIA Hailar 46.44 25 eP P 19 14 32.4 +1.3

BVAR Borovoye Array 47.53 342 P P 19 14 39.1 -0.5

BRVK Borovoye 47.53 342 eP P 19 14 39.4 -0.7

NWAO Narrogin Array 47.83 151 P P 19 14 44.1 +1.8

CHKZ Chkalovo 48.03 343 eP P 19 14 43.6 +0.1

CHKZ Chkalovo 48.03 343 eP P 19 14 51.6 -1.8

WRA Warramunga Arr 50.32 125 P P 19 15 00.8 -0.7

ASAR Alice Springs 51.94 129 P P 19 15 13.5 -0.2

YSS Yuzh-Sakhalins 57.23 39 eP P 19 15 51.4 -0.7

YAK Yakutsk 59.74 19 eP P 19 16 07.9 -1.5

CTA Charters Towers 60.39 119 P P 19 16 14.6 +0.2

CTA Charters Towers 60.39 119 P P 19 16 14.6 +0.2

BRTR Keskin Array B 60.41 311 P P 19 16 13.5 -0.8

FINES FINES Array B 71.03 332 P P 19 17 21.6 -0.3

ARCES ARCES Array B 73.77 340 P P 19 17 38.2 -0.2

GERES GERES Array B 75.90 318 P P 19 17 50.9 +0.3

GERES GERES Array B 75.90 318 P P 19 17 50.9 +0.3

ILAR Eielson Array 94.59 22 P P 19 19 23.7 -0.2

INK Inuvik 96.62 16 P P 19 19 32.9 -0.1

PDAR Pinedale Array 124.96 19 PKP PKPdf 19 25 04.8 +2.0

TXAR Lajitas Array 139.21 21 PKP PKPdf 19 25 31.6 +1.9

IDC 27 19:08:11.2±0.7, 0.12S-125.25E, mb4.1/11, mb1 4.3/11, mb1mx4.2/17, Error ellipse: s-maj=50.1km s-min=17.1km az=68.0

NEIC 27 19:08:18.7±5.4, 0.21S-125.33E, h53km, 51km, mb4.3/5, Error ellipse: s-maj=28.5km s-min=14.8km az=66.0

ISC 27 19:08:14.9±0.5, 0.25S-101.125E, h33km, n17, ±068/17, mb4.2/16, Southern Molucca Sea

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time







Table with columns for station code, name, frequency, and other technical details. Includes stations like FVI, NKC, FX1, FX1, FX1, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like MENT, VYDA, VYDA, VYDA, etc.

BUI 27 19:15:58.6, 10.57N-92.73E, h28km, mb5.1, mB4.9, Ms5.4, Msz5.1
IDC 27 19:16:02.0, 8.11N-92.33E, mb4.7/15, mb1 4.8/16, mb1mx4.6/22, Error ellipse: s-maj=34.2km s-min=14.1km az=48.0
MOS 27 19:16:05.8, 10.11N-92.51E, h33km, mb5.2/19, Error ellipse: s-maj=14.6km s-min=11.4km az=97.8
NEIC 27 19:16:07.0, 0.2, 11.49N-92.49E, mb5.1/23, Error ellipse: s-maj=7.5km s-min=5.8km az=58.0
ISC 27 19:16:04.7, 0.4, 11.47N-106.92E, h26km, h28km, 2.9km, pP-P, n85, 0.82/79, mb5.0/38, 2C-1D, Andaman Islands region

Table with columns for Code, Station Name, Frequency, and other technical details. Includes stations like CMAR, KMI, QIZ, GYA, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like PMG, CSS, CSS, BRTR, etc.

MOS 27 19:18:24.6, 0.9, 9.00N-92.39E, h33km, mb5.0/39, Error ellipse: s-maj=13.4km s-min=6.6km az=121.2
BUI 27 19:18:24.9, 0.1N-92.37E, h29km, mb5.7, mb5.2, Msz5.2, Msz4.9
NEIC 27 19:18:26.0, 2.0, 8.97N-92.36E, mb4.9/26, Error ellipse: s-maj=7.0km s-min=5.7km az=214.0
HRVD 27 19:18:26.0, 2.6, 8.95N-92.41E, h18km, 2km, MW5.0/49, Centroid moment Tensor Solution. LP body waves: s3,c3; Mantle waves: s49,c79; Half duration: 0. Moment tensor: Scale 10^19Nm; Mr:0.37;23; Ms:2.42;17; Mw:2.05;17; Mn:0.09;37; Mv:2.00;15; Mh:1.86;52; Best double couple: M3.53x10^16 NP1=111°, 861°, 169°. NP2: 206°, 880°, 130°. Principal axes: T 3.71, P1g28°, Azm72°; N - 3.5, P1g59°, Azm233°; P-3.36, P1g13°, Azm335°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns for Code, Station Name, Frequency, and other technical details. Includes stations like CM31, CMAR, CMAR, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like GTA, AP, pP, 19 24 50.3 -0.1, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like STKA, CFRR, AKASG, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like CM31, CMAR, MDRS, etc.

MOS 27 19:26:55.3 0.7 8.3N-92.16E, h33km, mb5.2/49, Error ellipse: s-maj=10.6km s-min=5.5km h33=117.9
IDC 27 19:26:57.0 7.2 7.83N-92.17E, h32km, mb4.6/27, mb1.4/28, mb1mx4.7/29, ML4.5/1, Error ellipse: s-maj=18.5km s-min=10.0km az=46.0
BUJ 27 19:26:56.4, 7.67N-92.19E, h51km, mb5.4, mb4.9, MS5.1, MS4.7
SYO 27 19:26:57.5, 7.81N-92.13E, h36km, MB5.0
NEIC 27 19:26:58.1, 7.4, 7.81N-92.15E, h42km, 11km, mb5.1/39,







CLNS	comp=E,100nm,12.0s,MS5.0	MLR	MLR		
SVE	Sverdlouvs	54.64 338	iP	P	19 38 18.3 -0.7
SVE			e		19 39 29.0
SVE			e		19 40 23.5
ARU	comp=Z,180nm,1.6s,mb5.8				
ARU	Arti	55.13 337	iP	P	19 38 21.2 -1.4
ARU			e		19 39 18.9
ARU			e		19 40 21.5
ARU			ePPP	PPP	19 41 35.9 -4.7
ARU			eS	S	19 46 03.2 +1.2
ARU			e	pmx	
ARU	comp=Z,50nm,0.9s,mb5.5				
ARU	Arti	55.13 337	eP	P	19 38 21.1 -1.5
ASAJ	Asahikawa	55.21 41	P	P	19 38 22.9 -0.5
ASAJ	Asahikawa	55.21 41	P	P	19 38 22.9 -0.5
ASAJ	comp=Z,9.0nm,0.7s				
ASAJ	Asahikawa	55.21 41	P	P	19 38 22.9 -0.5
ASAJ			e	pmx	
ZEI	Tsey	55.27 317	eP	P	19 38 23.7 -0.1
PMG	Port Moresby	56.54 107	P	P	19 38 30.4 0.0
PMG	comp=Z,10.0nm,0.6s,mb5.0,baz=318,slow=8.7,SNR=5.9				
PMG	Port Moresby	56.54 107	P	P	19 38 30.4 -0.4
PMG			e	pmx	
YSS	Port Moresby	56.54 107	eP	P	19 38 30.4 -0.4
YSS	Yuzh-Sakhalins	56.54 38	eP	P	19 38 32.7 -0.2
YSS	Yuzh-Sakhalins	56.54 38	e	P	19 38 35.1 +2.2
KIV	Kislodvsk	56.55 318	e	P	19 38 32.3 -0.7
KIV			eS	S	19 46 23.4 +2.3
KIV	comp=N,37nm,1.1s				
KIV			e	pmx	
KIV	comp=E,33nm,1.1s				
KIV			e	pmx	
KIV	comp=Z,77nm,1.1s,mb5.7				
KIV	Kislodvsk	56.55 318	eP	P	19 38 32.1 -0.9
KIV			e	pmx	
KMBO	Kilima Mbo	57.07 263	P	P	19 38 39.1 +1.9
KMBO	comp=Z,8.8nm,0.9s,mb4.8,baz=339,slow=9.1,SNR=10				
KMBO	Kilima Mbo	57.07 263	P	P	19 38 39.1 +2.0
KMBO			e	pmx	
TBKS	Tabuk	57.14 298	P	P	19 38 33.4 -4.1
ASLT	Jabal al Asfar	57.50 303	P	P	19 38 40.4 +0.4
MALT	comp=Z,19nm,0.8s,mb5.2,baz=339,slow=4.2,SNR=19				
MALT	Malatya	57.72 310	P	P	19 38 39.9 -1.4
MALT			e	pmx	
MALT	comp=Z,31nm,1.1s,mb5.2				
MALT	Malatya	57.72 310	eP	P	19 38 39.9 -1.5
JMOS	Jabal Moqyreh	57.82 299	P	P	19 38 42.7 +0.6
SOKR	Solikamsk	58.04 339	iP	P	19 38 41.3 -2.0
SOKR			e	pmx	
AYUS	comp=Z,80nm,1.0s,mb5.7				
SOC	Aynunah	58.25 298	P	P	19 38 42.6 -2.6
SOC	Sochi	58.42 316	iP	P	19 38 44.3 -1.8
SOC			eS	S	19 46 45.6 -0.1
SOC	comp=Z,44nm,1.0s,mb5.4				
SOC			e	pmx	
SOC	comp=N,13nm,0.9s				
SOC			e	pmx	
SOC	comp=E,7.0nm,0.8s				
SOC			e	pmx	
SOC	comp=Z,421nm,17.0s,MS4.6				
SOC			e	MLR	
SOC			e	MLR	
SOC	comp=E,215nm,15.0s				
BDAS	Al Bad	58.43 298	P	P	19 38 45.1 -1.3
MKRU	Makwir	58.44 302	P	P	19 38 47.2 +0.7
JMOS	Jabal al Moall	58.52 299	P	P	19 38 48.4 +1.3
KSHT	Keshet	58.56 303	P	P	19 38 47.9 +0.6
ILWS	Ilw as Safayha	58.58 299	P	P	19 38 47.9 +0.4
DRGI	Dragot	58.66 302	P	P	19 38 48.5 +0.5
HMDT	Nahal Hemdat	58.66 303	P	P	19 38 48.5 +0.5
HAGS	Hael	58.65 299	P	P	19 38 49.4 +1.3
EIL	Eilat	58.73 299	P	P	19 38 49.1 +0.6
EIL	comp=E,39nm,1.0s,mb5.4,baz=556,slow=6.6,SNR=14				
EIL	Eilat	58.73 299	P	P	19 38 47.0 -1.5
EIL			e	pmx	
MBH	Mount Berech	58.78 300	P	P	19 38 49.5 +0.6
MMLI	Mount Malkishu	58.78 303	P	P	19 38 49.5 +0.6
KMTI	Karmit	58.99 300	P	P	19 38 50.0 +0.6
CTA	Charters Tower	59.00 119	P	P	19 38 50.0 -0.6
CTA	comp=Z,4.7nm,1.1s,mb4.4,baz=261,slow=4.9,SNR=3.9				
CTA	Charters Tower	59.00 119	eP	P	19 38 50.0 -0.5
CTA			e	pmx	
CTA	comp=Z,5.0nm,1.1s				
CTA	Charters Tower	59.00 119	eP	P	19 38 51.9 +1.4
CTA			e	pmx	
CTA	comp=Z,52nm,1.6s,mb5.3				
CTA	Charters Tower	59.00 119	eP	P	19 38 51.9 +1.4
CTA			e	pmx	
HAF	Haifa	59.17 303	P	P	19 38 51.9 +0.3
KZIT	Kziot	59.39 301	P	P	19 38 53.4 +0.3
YAK	Yakutsk	59.52 19	e	P	19 38 51.9 -1.7
YAK			e	pP	19 38 59.8 -2.0
YAK			e	pmx	
YAK	comp=N,8.0nm,0.9s				
YAK			e	pmx	
YAK	comp=Z,21nm,0.9s,mb5.2				
YAK			e	pmx	
YAK	comp=E,9.0nm,1.1s				
YAK			e	pmx	
YAK	comp=Z,21nm,0.8s,mb5.2				
YAK			e	pmx	
YAK	comp=N,25nm,1.3s				
YAK			e	pmx	
YAK	comp=E,17nm,1.1s				
YAK			e	MLR	
YAK	comp=Z,621nm,14.0s,MS4.9				
YAK			e	MLR	
YAK	comp=N,582nm,15.0s,MS4.9				
YAK			e	MLR	
YAK	comp=E,276nm,15.0s,MS4.9				
YAK	Yakutsk	59.52 19	eP	P	19 38 51.6 -1.9
ANN	comp=E,38nm,0.8s,mb5.5				
ANN	Anapa	60.37 317	eP	P	19 39 14.8 +6.9
ANN			e	pmx	
STKA	Stephens Creek	60.86 134	P	P	19 39 02.0 -1.1
STKA	comp=Z,5.6nm,0.7s,mb4.8,baz=304,slow=8.7,SNR=5.5				
STKA	Stephens Creek	60.86 134	P	P	19 39 01.2 -1.9
CSS	Prodromos	60.95 305	eP	P	19 39 03.2 -0.5
CSS	comp=Z,14nm,0.9s,mb5.1				
BRTR	Keskin Array B	61.68 311	P	P	19 39 07.3 -1.3
VOR	comp=Z,24nm,0.8s,mb5.4,baz=121,slow=7.3,SNR=26				
VOR	Voronezh	61.80 325	eP	P	19 39 07.5 -1.8
VOR			e	pmx	
SIM	Simferopol'	62.66 316	eP	P	19 39 14.0 -1.1
SIM			e	S	19 47 33.0 -7.0
MBAR	Mbarara	63.28 265	eP	P	19 39 21.9 +1.7
MBAR			e	P	19 39 19.9 -0.4
ISP	Isparta	63.70 308	iP	P	19 39 19.2 -2.9
MOS	Moscow	64.30 329	eP	P	19 39 24.5 -1.1
MOS			e	pP	19 39 32.7 -1.2
MOS			e	pmx	19 41 43.4
OBN	comp=Z,186nm,1.4s,mb5.9				
OBN	Obninsk	64.60 328	eP	P	19 39 26.2 -1.4
OBN			e	S	19 41 48.2
OBN			e	pmx	19 47 59.7 -4.3
OBN	comp=Z,171nm,1.6s,mb5.8				
OBN	Obninsk	64.60 328	eP	P	19 39 26.3 -1.4
MA2	Magadan	66.39 28	e	P	19 39 39.0 0.0
MA2			e	pP	19 39 47.6 +0.3
MA2			e	pmx	
MA2	comp=Z,30nm,0.9s,mb5.3				
MA2	Magadan	66.39 28	eP	P	19 39 37.7 -1.3
AKASG	Malin Array Be	67.38 322	P	P	19 39 43.6 -1.9
AKASG	comp=Z,32nm,0.8s,mb5.4				
AKASG	Malin Array Be	67.38 322	P	P	19 39 43.6 -1.9
AKASG	comp=Z,11nm,0.7s,mb5.0,baz=89,slow=4.7,SNR=27				
AKASG	Malin Array Be	67.38 322	P	P	19 39 43.6 -1.9

IDI	comp=Z,11nm,0.7s				
Anoya	67.85 305	P	P	19 39 48.6 -0.1	
MLR	comp=Z,34nm,0.9s,mb5.4,baz=90,slow=6.6,SNR=7.3				
Muntele Rosu	68.41 316	P	P	19 39 51.8 -0.2	
MLR	comp=Z,38nm,0.9s,mb5.4,baz=76,slow=4.0,SNR=11				
Muntele Rosu	68.41 316	P	P	19 39 51.8 -0.2	
SEY	comp=Z,38nm,0.9s				
Seymchan	68.52 25	eP	P	19 39 50.8 -1.6	
SEY		e	pP	19 39 59.9 -0.8	
SEY		e	pmx		
SEY	comp=E,50nm,1.4s				
SEY		e	pmx		
SEY	comp=Z,100nm,1.4s,mb5.5				
Seymchan	68.52 25	eP	P	19 39 50.8 -1.6	
SEY		e	pP	19 39 59.9 -0.8	
SEY		e	pmx		
SEY	comp=E,50nm,1.4s				
SEY		e	pmx		
LVZ	comp=Z,100nm,1.4s,mb5.5				
Lovozero	71.94 332	P	P	19 40 04.0 -2.3	
LVZ	comp=Z,37nm,0.8s,mb5.4				
LVZ		e	pmx		
LVZ	comp=Z,25nm,1.0s				
Vasula	70.81 329	iP	P	19 40 05.9 -0.6	
KWP	Kalwaria	71.26 320	eP	P	19 40 09.1 -0.2
KOLS	Kolonicec sedl	71.44 319	eP	P	19 40 09.5 -0.9
KOLS			e	pP	19 40 18.3 +0.1
SUW	Suwalki	71.73 324	eP	P	19 40 10.5 -1.2
FINES	FINESS Array B	71.94 332	P	P	19 40 12.8 -0.4
FINES	comp=Z,28nm,0.9s,mb5.3,baz=104,slow=7.9,SNR=25				
FINES	FINESS Array B	71.94 332	P	P	19 40 12.8 -0.4
FINES			e	pmx	
FINES	comp=Z,32nm,0.9s				
FINES	FINESS Array B	71.94 332	P	P	19 40 12.8 -0.4
CRVS	Cervenica-Dubn	71.96 319	eP	P	19 40 15.7 +2.2
KAF	Kangasniemi	72.02 333	eP	P	19 40 13.2 -0.5
KAF	comp=Z,17nm,0.7s,mb5.1				
KAF	Kangasniemi	72.02 333	eP	P	19 40 13.2 -0.5
KAF			e	pmx	
NIE	Niedzica	72.78 319	eP	P	19 40 18.5 +0.2
PSZ	Piszkesteto	72.88 317	eP	P	19 40 17.9 -1.1
PSZ			e	pmx	
PSZ	comp=Z,48nm,1.4s,mb5.2				
PSZ	Piszkesteto	72.88 317	eP	P	19 40 17.9 -1.1
OJC	comp=Z,49nm,1.4s,mb5.3				
OJC	Ojcow	73.20 320	iP	P	19 40 20.5 -0.3
OJC	Ojcow	73.20 320	iP	P	19 40 20.5 -0.3
VYHS	Vyhne	73.64 318	iP	P	19 40 23.0 -0.4
VYHS			e	pP	19 40 31.2 -0.5
SRO	Srobarova	73.92 317	e	pP	19 40 24.9 -0.2
SRO			e	pP	19 40 32.2 -0.2
KEV	Kevo	74.08 341	eP	P	19 40 25.1 -0.5
KEV	comp=Z,40nm,0.9s,mb5.3				
KEV	Kevo	74.08 341	eP	P	19 40 25.1 -0.5
KEV			e	pmx	
LBTB	Lobatse	74.17 241	eP	P	19 40 28.5 +1.5
LBTB	comp=Z,37nm,0.9s,mb5.3				
LBTB	Lobatse	74.17 241	eP	P	19 40 28.5 +1.5
OKK	Ostrava-Krasne	74.22 319	eP	P	19 40 26.6 -0.1
OKK			e	pP	19 40 34.9 -0.2
ARCES	ARCES Array B	74.51 340	P	P	19 40 27.7 -0.4
ARCES	comp=Z,28nm,0.8s,mb5.2,baz=100,slow=7.4,SNR=23				
ARCES	ARCES Array B	74.51 340	P	P	19 40 27.7 -0.4
ARCES			e	pmx	
ARCES	comp=Z,28nm,0.8s				
ARCES	ARCES Array B	74.51 340	P	P	19 40 27.7 -0.4
AREO	AREO Array B	74.51 340	P	P	19 40 28.0 -0.1
MORC	Moravsky Berou	74.61 319	eP	P	19 40 29.0 0.0
MORC			e	pmx	
MORC	comp=Z,53nm,1.3s,mb5.3				
MORC	Moravsky Berou	74.61 319	eP	P	19 40 29.0 +0.1
ZST	Zestov	74.77 318	eP	P	19 40 29.7 -0.2
ZST	Kratislava	74.77 318	eP	P	19 40 38.2 -0.1
KTK1	Kautskokeino	75.14 339	eP	P	19 40 33.0 +1.4
KTK1			e	pP	19 40 40.3 +0.3
KTK1			e	AMB	19 40 42.0
DPC	Dobruska-Polom	75.44 320	eP	P	19 40 34.0 +0.3
DPC			e	pP	19 40 43.1 +1.0
KSP	Ksiaz	75.49 320	eP	P	19 40 34.7 +0.3
KSP			e	pP	19 40 42.4 +0.6
BOSA	Boshof	75.56 238	eP	P	19 40 36.4 +1.5
BOSA			e		

27d 20h

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Alice Springs, Zalesovo, Port Moresby, Borovoye Array, etc.

IDC 27 19:44:20.8±1.2, 6.02N-93.43E, mb4.0/8, mb1 4.1/9, mb1mx3.9/20, ML4.3/1, Error ellipse: s-maj=54.4km s-min=17.4km az=62.0

NEIC 27 19:44:25.0±0.8, 6.04N-93.50E, h30km, Error ellipse: s-maj=29.0km s-min=12.7km az=71.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Sonmigo Array, Narrogin (SRO), etc.

BUI 27 19:46:31.2, 4.67N-94.53E, h46km, mb4.7, Ms4.6, Msz4.8 MOS 27 19:46:32.0±1.1, 5.01N-94.52E, h33km, mb4.7/22, Error ellipse: s-maj=19.0km s-min=8.8km az=117.1

NEIC 27 19:46:33.0±0.5, 4.95N-94.46E, h30km, mb4.6/12, Error ellipse: s-maj=14.9km s-min=9.4km az=225.0

IDC 27 19:46:40.7±7.6, 5.08N-94.54E, h87km, mb4.1/15, mb1 4.3/16, mb1mx4.1/23, ML4.7/1, Error ellipse: s-maj=40.4km s-min=13.1km az=48.0

ISC 27 19:46:31.6±0.5, 4.97N-0.08-94.50E, 0.08, h30km, n81, ±101/81, mb4.6/38, MS4.8/1, 1C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Chiang Mai Arr, CMAR, etc.

2004 DEC

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NVS, BVAO, BRVK, CHKZ, PMG, etc.

940

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GNI, GNI, PMG, ASAJ, KIV, etc.

IDC 27 19:57:55.3±1.2, 4.81N-92.92E, mb3.7/4, mb1 4.0/5, mb1mx3.7/18, ML3.8/1, Error ellipse: s-maj=69.0km s-min=24.3km az=42.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Latur, Warramunga Arr, etc.

NEIC 27 19:58:32.2, 15.97N-97.89W, h18km, MD4.0(MEX), After MEX. MEX 27 19:58:32.8±0.7, 16.01N-97.89W, h22km±18km, MD4.0

Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Pinotepa, Vista Hermosa, Oaxaca, etc.

IDC 27 20:05:29.1±0.9, 8.62N-92.83E, mb4.1/11, mb1 4.2/12, mb1mx4.0/21, ML3.9/1, Error ellipse: s-maj=37.3km s-min=16.3km az=49.0

BUI 27 20:05:32.0±0.8, 7.0N-93.07E, h29km, mb4.7 NEIC 27 20:05:33.7±0.6, 8.70N-92.94E, h30km, mb4.4/6, Error ellipse: s-maj=15.0km s-min=10.7km az=57.0

ISC 27 20:05:31.7±0.7, 8.67N-92.83E, 0.09-93.0E-0.1, h30km, n30, ±089/29, mb4.2/17, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Chiang Mai Arr, PKI, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like BJI, ULHL, DL2, KZM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAT, ZAL, KAMS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTMT, SVE, BEST, etc.



27d 20h

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like Tromm, Black Forest, BFO, FIN, KTD, etc.

2004 DEC

Table with columns: NVL, N'azarevskaya, Les Rejoudoux, etc. Includes stations like N'azarevskaya, Les Rejoudoux, Les Rejoudoux, etc.

944

Table with columns: ULM, HLID, EFI, etc. Includes stations like ULM, HLID, EFI, etc.

IDD 27.20:16.45:0.7, 8.35N:93.63E, mb4.3/16, mb1 4.5/17, mb1mx4.4/23, ML4.9/1, Error ellipse: s-maj=29.4km s-min=15.7km az=43.0









27d 20h

Table of astronomical observations for 27d 20h, listing stations like MMB, VTS, KKB, etc., and their corresponding data points.

2004 DEC

Table of astronomical observations for 2004 DEC, listing stations like MAW, MUD, STU, etc., and their corresponding data points.

948

Table of astronomical observations for 948, listing stations like RSO, ILAR, VDA, etc., and their corresponding data points.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KIV Kislovodsk, MALT Malatya, BRTR Keskin Array B, etc.

27d 20h:47:57.51.1.8, 12.29N-92.66E, mb4.1/5, mb4.2/5, mb1mx3.9/18, MS2.3/1, Ms1 2.3/1, ms1mx2.2/28, Error ellipse: s-maj=81.4km s-min=23.2km az=59.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SONM Songoing Array, JUNU Nakatogo, BVAR Borovoye Array, etc.

27d 20h:47:05.31.6, 6.3.72N-93.94E, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, Error ellipse: s-maj=67.2km s-min=23.4km az=55.0, Off west coast of northern Sumatera

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

27d 20h:47:45.0.7.8, 2.84N-93.54E, mb4.2/13, mb1 4.4/14, mb1mx4.3/21, ML4.9/1, Error ellipse: s-maj=31.7km s-min=16.3km az=50.0

MOS 27d 20h:47:48.3.0.9, 8.32N-93.54E, h30km, mb4.7/16, Error ellipse: s-maj=19.3km s-min=10.6km az=107.0

NEIC 27d 20h:47:49.7.0.4, 8.28N-93.53E, h30km, mb4.7/8, Error ellipse: s-maj=12.3km s-min=9.6km az=63.0

BUI 27d 20h:47:50.3.8.56N-92.60E, h30km, mb4.7

ISC 27d 20h:47:48.0.5.8, 33N-108.9355E-0.09, h30km, n59, n106/54, mb4.5/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KIV Kislovodsk, KMBO Kilima Bogob, STKA Stephens Creek, etc.

27d 20h:49:55.7.0.8, 8.05N-92.08E, mb4.3/12, mb1 4.4/12, mb1mx4.3/20, Error ellipse: s-maj=31.7km s-min=21.4km az=57.0

BUI 27d 20h:49:56.9.7.77N-91.41E, h54km, mb4.3

NEIC 27d 20h:49:58.0.4.8, 0.0N-92.05E, h30km, mb4.7/4, Error ellipse: s-maj=15.2km s-min=10.5km az=64.0

ISC 27d 20h:49:57.9.0.5, 7.96N-100.09.92.1E-0.1, h30km, n26, n088/22, mb4.4/18, Nicobar Islands region

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

27d 20h:51:59.4, 6.54N-92.60E, h30km, mb4.4

ISC 27d 20h:52:02.6.0.7.7, 11N-92.79E, mb4.4/14, mb1 4.5/15, mb1mx4.3/24, ML3.9/1, Error ellipse: s-maj=36.5km s-min=14.7km az=50.0

NEIC 27d 20h:52:06.9.0.5.7, 23N-92.79E, h30km, mb4.6/3, Error ellipse: s-maj=14.8km s-min=9.8km az=53.0

ISC 27d 20h:52:04.0.0.5.7, 19N-100.07.92.78E-0.08, h30km, n31, n119/31, mb4.5/19, IC, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kunming, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WRAB Tennant Creek, BVAR Borovoye Array, BRVK Borovoye Array, etc.

LDG 27d 20h:58:11.4.0.2, 15.84N-61.75W, h10km, Mb4.9/12, Error ellipse: s-maj=8.0km s-min=6.0km az=121.0

ISC 27d 20h:58:12.6.0.6, 15.89N-61.72W, mb4.5/25, mb1 4.6/29, mb1mx4.5/33, ML4.1/2, MS3.9/5, Ms1 3.9/5, ms1mx3.3/30, Error ellipse: s-maj=16.1km s-min=13.0km az=178.0

TRN 27d 20h:58:12.8.15.85N-61.55W, h28km, MD4.3

NEIC 27d 20h:58:15.4.3.6, 15.82N-61.75W, h19km, 2.3km, mb4.8/21, Error ellipse: s-maj=7.3km s-min=5.0km az=199.0

ISC 27d 20h:58:14.4.0.4, 15.80N-62.02.61.68W-0.03, h27km, 3km, n96, n095/107, mb4.5/45, MS3.8/1, 11C-10, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BBL Barber's Block, BBL Barber's Block, MGG Marie-Galante, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Les Rejaudoux, Bois d'Agland, Avril sur Loir, etc.

IDC 27.21:04:46.1, 1.6, 5.21N-94.76E, mb3.8/7, mb1 4.0/8, mb1mx3.8/19, ML3.6/1, Error ellipse: s-maj=74.5km

NEIC 27.21:04:50.5, 0.8, 5.20N-94.80E, h30km, mb4.1/1, Error ellipse: s-maj=41.1km s-min=9.9km az=54.0

ISC 27.21:04:48.9, 1.2, 5.3N-0.3, 94.9E-0.3, h30km, n12, c048/12, mb3.8/8, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Ala-Archa, Songino Array, etc.

INMG 27.21:09:37.0, 0.5, 38.15N-9.27W, h13km, 3km, ML1.5, Error ellipse: s-maj=3.2km s-min=1.7km az=84.0

CSEM 27.21:09:37.0, 0.2, 38.18N-9.11W, h10km, ML1.5, Error ellipse: s-maj=5.4km s-min=2.1km az=71.0

MDD 27.21:09:37.1, 0.9, 38.15N-9.21W, mBLg1.6/7, Error ellipse: s-maj=8.0km s-min=3.9km az=75.0, PRXIMO, Portugal

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

IDC 27.21:12:55.7, 1.1, 6.43N-94.62E, mb4.0/10, mb1 4.1/11, mb1mx3.9/20, ML3.7/1, Error ellipse: s-maj=42.9km s-min=20.7km az=52.0

NEIC 27.21:13:00.5, 0.6, 6.53N-94.72E, h30km, mb3.9/2, Error ellipse: s-maj=15.2km s-min=10.3km az=71.0

ISC 27.21:12:58.0, 0.8, 6.6N-0.1, 94.8E-0.1, h30km, n15, c075/15, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Warramunga Arr, LSA Lhasa, etc.

NEIC 27.21:17:22.4, 0.7, 6.94N-91.91E, mb4.3/5, Error ellipse: s-maj=17.4km s-min=12.8km az=50.0

IDC 27.21:17:23.1, 1.2, 6.97N-92.00E, h22km, 5km, mb3.8/7, mb1 4.0/8, mb1mx3.8/16, ML3.6/1, Error ellipse: s-maj=41.7km s-min=15.5km az=58.0

ISC 27.21:17:20.0, 0.7, 6.90N-0.1, 91.9E-0.1, h21km, h21km, 2.9km, p-P, n18, c120/14, mb4.2/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pallekele, Chiang Mai Arr, LSA Lhasa, etc.

ISC 27.21:18:47.8, 0.8, 6.79N-93.07E, h37km, 5km, mb3.7/9, mb1 3.9/10, mb1mx3.7/19, ML3.8/1, Error ellipse: s-maj=43.1km s-min=14.9km az=47.0

NEIC 27.21:18:47.9, 0.5, 6.86N-93.00E, mb4.3/2, Error ellipse: s-maj=13.5km s-min=10.8km az=215.0

ISC 27.21:18:45.9, 0.6, 6.9N-0.1, 92.98E-0.1, h38km, h38km, 2.8km, p-P, n18, c076/18, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pallekele, Chiang Mai Arr, AAK Ala-Archa, etc.

IDC 27.21:23:56.4, 1.0, 17.20N-93.64E, mb3.8/10, mb1 4.0/11, mb1mx3.8/21, ML3.7/1, Error ellipse: s-maj=38.4km s-min=18.5km az=38.0

NEIC 27.21:23:58.9, 0.7, 17.02N-93.65E, h25km, mb4.1/2, Error ellipse: s-maj=17.1km s-min=11.9km az=174.0

BUI 27.21:23:58.8, 17.00N-93.70E, h25km, mb4.3, ISC 27.21:23:57.0, 0.6, 17.00N-93.62E, 0.06, h25km, n20, c125/21, mb4.0/13, 1D, Bay of Bengal

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

IDC 27.21:23:56.4, 1.0, 17.20N-93.64E, mb3.8/10, mb1 4.0/11, mb1mx3.8/21, ML3.7/1, Error ellipse: s-maj=38.4km s-min=18.5km az=38.0

NEIC 27.21:23:58.9, 0.7, 17.02N-93.65E, h25km, mb4.1/2, Error ellipse: s-maj=17.1km s-min=11.9km az=174.0

BUI 27.21:23:58.8, 17.00N-93.70E, h25km, mb4.3, ISC 27.21:23:57.0, 0.6, 17.00N-93.62E, 0.06, h25km, n20, c125/21, mb4.0/13, 1D, Bay of Bengal

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, AGT, PALK, ENH, LZH, etc.

IDC 27.21:24:05.2, 0.9, 17.24N-93.56E, mb4.1/8, mb1 4.2/9, mb1mx3.9/20, ML4.2/1, Error ellipse: s-maj=40.6km s-min=16.6km az=39.0

ISC 27.21:24:04.9, 0.8, 17.4N-0.1, 93.71E-0.09, h10km, n10, c082/13, mb4.1/8, 1D, Bay of Bengal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, CHRT, etc.

MOS 27.21:24:40.4, 0.9, 13.49N-92.90E, h33km, mb4.9/26, Error ellipse: s-maj=13.3km s-min=6.5km az=126.3

NEIC 27.21:24:42.8, 0.2, 13.55N-92.94E, mb4.8/14, Error ellipse: s-maj=6.8km s-min=5.6km az=212.0

IDC 27.21:24:43.1, 1.0, 13.53N-92.90E, h38km, 7km, mb4.4/19, mb1 4.4/20, mb1mx3.3/25, ML4.3/1, MS4.4/1, Ms1 4.4/1, mb1mx3.3/27, Error ellipse: s-maj=30.7km s-min=10.5km az=212.0

ISC 27.21:24:40.8, 1.4, 13.52N-0.06, 92.95E-0.05, h37km, 12km, h38km, 2.7km, p-P, n121, c081/126, mb4.6/34, MS4.4/1, 1C, Andaman Islands

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

IDC 27.21:24:40.8, 1.4, 13.52N-0.06, 92.95E-0.05, h37km, 12km, h38km, 2.7km, p-P, n121, c081/126, mb4.6/34, MS4.4/1, 1C, Andaman Islands

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, P, h, m, s, ISC, Time Res, Res. Includes stations like Bodaiho, GNI, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, P, h, m, s, ISC, Time Res, Res. Includes stations like NOA, GRI, GRI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, P, h, m, s, ISC, Time Res, Res. Includes stations like ASAR, FINES, ARCES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like CHZK Mizel, WRA Warramunga Arr, WRAP Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kunming, LSA Lhasa, etc.

IDC 27 21:53:40.7, 0.6, 8.94N-93.79E, mb4.4/20, mb1 4.4/20, mb1mx4.4/24, Error ellipse: s-maj=25.4km s-min=14.9km az=51.0

NEIC 27 21:53:45.2, 0.3, 8.94N-93.88E, h30km, mb4.7/13, Error ellipse: s-maj=9.2km s-min=6.9km az=51.0

BUI 27 21:53:45.2, 0.3, 8.92N-93.90E, h30km, mb4.5

ISC 27 21:55:54.6, 5.3, 9.0N-102.57E, 0.2, h168km, 35km, n14, 050/14, mb3.7/6, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like CM31 Chiang Mai Arr, SHL Shillong, HYB Hyderabad, etc.

IDC 27 21:56:14.8, 1.2, 20.28S-178.71W, h623km, 14km, mb4.7/16, Error ellipse: s-maj=10.8km s-min=6.8km az=158.0

IDC 27 21:56:16.4, 1.5, 20.28S-178.78W, h637km, 17km, mb4.1/19, mb1 4.2/21, mb1 mx4.4/22/23, Error ellipse: s-maj=15.9km s-min=9.1km az=152.0

BUI 27 21:56:17.6, 1.9, 39S-178.94W, h623km, mb4.9, mb4.8

ISC 27 21:56:14.1, 1.2, 20.39S-109.178W-0.07, h630km, 16km, n153, c08972, mb4.6/39, 13C, Fiji Islands region

Table with columns: EIL, Elat, Time, Res, h m s ISC. Includes stations like BRTR Keskin Array, MBAR Borovoye, AKASG Main Array, etc.

NEIC 27 21:55:55.0, 4.4, 38.98N-74.03E, h160km, 23km, mb4.0/1, Error ellipse: s-maj=49.6km s-min=17.5km az=190.0

IDC 27 21:55:55.0, 13.0, 38.92N-74.04E, h163km, 89km, mb3.5/6, mb1 3.6/8, mb1mx3.2/3, Error ellipse: s-maj=122.0km s-min=29.0km az=91.0

ISC 27 21:55:54.6, 5.3, 9.0N-102.57E, 0.2, h168km, 35km, n14, 050/14, mb3.7/6, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like AAK Ala-Archa, BVAR Borovoye Array, BRV Borovoye, etc.

NEIC 27 21:56:14.8, 1.2, 20.28S-178.71W, h623km, 14km, mb4.7/16, Error ellipse: s-maj=10.8km s-min=6.8km az=158.0

IDC 27 21:56:16.4, 1.5, 20.28S-178.78W, h637km, 17km, mb4.1/19, mb1 4.2/21, mb1 mx4.4/22/23, Error ellipse: s-maj=15.9km s-min=9.1km az=152.0

BUI 27 21:56:17.6, 1.9, 39S-178.94W, h623km, mb4.9, mb4.8

ISC 27 21:56:14.1, 1.2, 20.39S-109.178W-0.07, h630km, 16km, n153, c08972, mb4.6/39, 13C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like DZM Mt Dzumac, NOUC Port Laguerre, RAR Rarotonga, etc.

IDC 27 21:46:00.7, 0.7, 8.36N-93.89E, mb4.2/16, mb1 4.3/17, mb1mx4.3/22, M.L.4.1/1, Error ellipse: s-maj=34.9km s-min=15.1km az=51.0

NEIC 27 21:46:05.0, 0.3, 8.34N-93.97E, h30km, mb4.4/7, Error ellipse: s-maj=7.5km s-min=7.5km az=52.0

BUI 27 21:46:05.0, 8.30N-94.00E, h30km, mb4.3

ISC 27 21:46:02.0, 5.8, 28N-107.93, 92E, 0.09, h30km, n37, c1109/36, mb4.2/24, Nicobar Islands region



Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details for various stations.

BJJ 27 22:02:53.3, 5.57N-92.67E, h30km, mb5.4, mb5.0, Ms5.6, Msz5.3
IDC 27 22:02:57.1±1.0, 6.38N-92.02E, mb4.6/6, mb1 4.7/7, mb1mx4.4/20, ML4.4/1, MS4.8/2, Ms1 4.8/2, sm1mx3.9/10, Error ellipse: s-maj=32.2km s-min=26.2km az=56.0
MOS 27 22:02:58.3±1.6, 6.18N-92.13E, h33km, mb5.2/24, MS5.0/7, Error ellipse: s-maj=13.2km s-min=7.8km az=112.7
NEIC 27 22:03:01.2±0.5, 6.39N-92.16E, h30km, mb5.1/12, Error ellipse: s-maj=11.2km s-min=10.1km az=167.0
HRVD 27 22:03:01.2±0.3, 5.45N-92.94E, h12km, MW5.1/60, Centroid moment tensor Solution. LP body waves: c15, c16; Mantle waves: s60, c105; Half duration: 0 Moment tensor: Scale 1016Nm; M2.37±.20; Mw±.78±.16; Mw±.51±.20; Mo±.100±.53; Mo±.457±.15; Mo±.088±.55; Best double couple: Mo±.19×1016 Np1±20°, s76°, λ176°, NP2±111°, s86°, λ14°. Principal axes: T 4.98, Plg12°, Azm337°; N 2.4, Plg76°, Azm126°; P -7.39, Plg7°, Azm245°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 27 22:02:55.4±1.0, 5.78N-0.07E-92.59E±0.04, h36km±8km, h34km±6.8km, p-P, n112, e33/121, mb4.9/40, MS5.2/22, 5C-5D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details for various stations.







Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, WRA Warrungama Arr, WRAB Tennant Creek, etc.

NEIC 27 22:49:13.4,0.6,13.58N-92.89E,h30km,mb4.5/3,Error ellipse: s-maj=13.9km s-min=10.7km az=47.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR, LSA Lhasa, AAK Ala-Archa, etc.

IDC 27 22:55:17.3,8.7,9.68N-90.61E,mb3.7/3,mb1 3.9/3,mb1mx3.5/17,Error ellipse: s-maj=390.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, WRA Warrungama Arr, ASAR Alice Springs, etc.

IDC 27 22:55:40.7,2.5,9.51N-91.47E,mb4.0/4,mb1 4.2/4,mb1mx3.8/17,Error ellipse: s-maj=101.0km

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

NEIC 27 22:58:10.5,0.7,12.75N-93.19E,h30km,mb4.6/4,Error ellipse: s-maj=14.4km s-min=11.7km az=55.0

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

IDC 27 23:01:58.8,9.52N-93.58E,h42km,mb5.4/4,mb4.8,MS4.7,MS2.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, ENH Enshi, AAK Ala-Archa, etc.

IDC 27 23:01:57.4,0.5,9.91N-93.79E,mb4.5/18,mb1 4.6/19,mb1mx4.5/23,ML3.8/1,MS4.0/1,Ms1 4.0/1,ms1mx3.0/25,Error ellipse: s-maj=22.7km s-min=12.3km az=49.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

Table with columns: VIS, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIS Chennai, VIS Shillong, VIS Hyderabad, VIS Kullu, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIA Hailar, HIA Hailar, NVS Novosibirsk, NVS, BVAO Borovoye Arr, BVAR Borovoye Arr, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES Arcs Array B, MORC Moravsky Berou, DPC Dobruska-Polom, etc.

BUI 27 23:24:08.0, 5.20N-93.32E, h30km, mb5.1, mb4.6, Ms4.6, Ms4.3

NEIC 27 23:24:14.1, 0.3, 5.75N-93.34E, h30km, mb4.3/4, Error ellipse: s-maj=10.4km s-min=8.0km az=65.0

IDC 27 23:24:16.2, 5.2, 5.83N-93.44E, h45km, mb4.9km, mb4.3/17, mb1.4/4/18, mb1mx4.3/22, Error ellipse: s-maj=25.8km s-min=12.0km az=49.0

ISC 27 23:24:10.8-3.3, 5.69N-0.06-93.33E-0.08, h20km, 23km, h10km, 3.0km, p-P, m44, +192/144, mb4.5/28, MS4.3/2, 2C-1D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KKTK Khoen Kaen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songio Array, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 27 23:27:17.3, 0.8, 56.44N, 121.00W, mb3.9/3, mb1.3.9/10, mb1mx3.7/27, ML3.3/67, Error ellipse: s-maj=12.5km s-min=9.4km az=135.0

NEIC 27 23:27:19.0, 56.39N-120.74W, h10km, ML3.7(PGC), After PGC

NEIC Felt at Fort St. John, PGC 27 23:27:18.8, 56.39N-120.74W, h10km, MN3.7/9, British Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BMBC Mt Boulton, BMBC, BMBC, etc.

DOWB Downie Slide, 5.06 164 Pg Sg 23 28 49.1 -11

DOWB, EDM Edmonton, 5.32 124 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

DLBC Dease Lake, 5.42 296 Pn Pn 23 28 38.2 -3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKW3, YKW3, YKW3, etc.

TRN 27 23:28:04.4, 15.85N-61.50W, h24km, MD3.6, Md3.0(FDF), 6C-1D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MGG Marie-Galante, MBL Barber's Block, etc.

IDC 27 23:29:58.5-1.4, 7.50N-93.87E, mb3.8/6, mb1.4/0.6, mb1mx3.7/18, Error ellipse: s-maj=60.8km s-min=27.9km az=51.0, Nicobar Islands region

IDC 27 23:33:57.9, 0.2, 43.02N-0.08W, h10km, Md1.8/2, Error ellipse: s-maj=16.2km s-min=2.5km az=173.0

MDD 27 23:33:58.4, 0.3, 43.03N-0.08W, h10km, 2km, mbLg1.2/7, Error ellipse: s-maj=4.1km s-min=1.6km az=12.0, PRXIMO Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songio Array, ZAL Zalesovo, WRA Warramunga Arr, etc.







Table with columns: STKA, LR, LR, 00 39 16.6, etc. Includes stations like Stephens Creek, Simferopol, etc.

Table with columns: ZCCA, MAW, BDL, GSCI, ERBM, BRMO, CLZ, NB2, NOA, etc. Includes stations like Zocca, Mawson, Gosciaula, etc.

Table with columns: LPAZ, OTAV, etc. Includes stations like La Paz, Otavalo, etc. Includes a large text block for station BUI.



KMI	Kunming	19.29	24	↑P	P	00 42 19.0	+3.4
KMI				AP	S	00 42 24.3	
KMI				S	S	00 45 48.5	+2.1
KMI				SS	SS	00 46 14.5	+1.9
KMI				AMB	AMB		
KMI	comp=Z,109nm,1.3s						
KMI	comp=Z,1j,um,5.3s				AMB	AMB	
KMI	comp=N,7j,um,15.2s				LR	LR	
KMI	comp=E,8j,um,18.3s				LR	LR	
KMI	comp=Z,7j,um,16.3s				LR	LR	
MNGI	Mangalore	19.73	287	eP	P	00 42 21.2	+0.5
MNGI				e	P	00 42 26.4	
MNGI					S	00 45 52.2	-4.0
COCO	West Island	19.82	172	eP	P	00 42 22.6	+0.9
COCO	comp=Z,702nm,1.2s						
LATR	Latur	20.21	304	eP	P	00 42 29.2	+3.5
MNCY	Minicoy	20.92	273	iP	P	00 42 36.0	+3.0
MNCY				i	P	00 43 33.0	
AKL	Akola	21.09	310	eP	P	00 42 36.7	+2.0
AKL				e	P	00 42 42.0	
AKL	comp=Z,263nm,1.6s						
ALBI	Allahabad	21.20	328	iS	S	00 46 29.5	+6.2
GOA	Goa	21.39	293	e	S	00 42 35.0	-0.9
GOA				e	S	00 42 44.2	
GOA				e	S	00 42 51.4	
GOA	comp=Z,332nm,1.4s				S	00 46 29.8	+0.8
PKI	Pulchoki	21.54	338	e	S	00 42 38.8	-0.4
PKI	comp=Z,814nm,1.3s,mb5.0						
GUN	Gumba	21.68	340	eP	P	00 42 40.4	-0.3
GUN	comp=Z,630nm,0.9s,mb5.1						
DMN	Daman	21.68	338	eP	P	00 42 40.7	0.0
DMN	comp=Z,624nm,0.9s,mb5.0						
KAD	Karad	21.73	298	eP	P	00 42 43.0	+1.8
KAD				e	P	00 42 47.7	
KKN	Kakani	21.78	338	eP	P	00 42 40.6	-1.1
KKN	comp=Z,548nm,1.0s,mb5.9						
LSA	Lhasa	22.18	353	eP	P	00 42 45.3	-0.4
LSA				e	P	00 42 45.3	-0.4
LSA	comp=Z,207nm,0.7s,mb5.7				MLR	MLR	
LSA	comp=Z,6j,um,22.0s,MS5.0						
LSA	Lhasa	22.18	353	eP	P	00 42 45.3	-0.4
LSA	comp=Z,207nm,0.7s,mb5.7				LR	LR	
GKN	Gorkha	22.22	337	eP	P	00 42 45.9	-0.1
GKN	comp=Z,1j,um,1.4s,mb6.1						
GYA	Guiyang	22.24	311	iP	P	00 42 48.5	+2.2
GYA				AP	PP	00 42 55.0	
GYA				PP	PP	00 43 20.5	+7.4
GYA				S	SS	00 46 55.5	+1.1
GYA	comp=Z,50nm,1.2s,mb4.8				AMB	AMB	
GYA	comp=N,1j,um,16.7s,MS4.7				LR	LR	
GYA	comp=E,2j,um,16.0s,MS4.7				LR	LR	
GYA	comp=Z,3j,um,15.8s,MS4.8				LR	LR	
BHPL	Bhopal	22.37	316	eP	P	00 42 50.1	+2.5
BHPL				e	P	00 42 52.4	
KOLN	Koldanda	22.43	335	eP	P	00 42 48.5	+0.4
KOLN	comp=Z,787nm,1.2s,mb5.0						
POO	Poona	22.54	301	eP	P	00 42 49.9	+0.6
POO				e	P	00 42 53.7	
BOM	Bombay	23.58	301	eP	P	00 43 00.7	+1.2
BOM				e	P	00 43 30.4	
BOM	comp=Z,143nm,1.3s						
BOM	AGRA	24.86	324	eS	S	00 47 18.2	+9.5
BOM	AGRA			eS	S	00 43 11.4	-0.5
BOM	AGRA			eS	S	00 47 31.4	+0.9
CD2	Chengdu	24.90	20	eP	P	00 43 12.8	+0.6
CD2				PP	PP	00 43 49.5	0.0
CD2				S	SS	00 47 34.8	+3.7
CD2				S	SS	00 48 32.5	+2.7
CD2	comp=Z,50nm,0.7s,mb5.2				AMB	AMB	
CD2	comp=Z,570nm,5.3s				LR	LR	
CD2	comp=N,16j,um,10.8s				LR	LR	
CD2	comp=Z,6j,um,13.2s,MS5.2				LR	LR	
LGTI	Lohaghat	25.38	331	eP	P	00 43 17.5	+0.7
PTH	Pithoragarh	25.48	331	eP	P	00 43 17.3	-0.4
PTH				e	S	00 47 55.4	+1.4
AYAN	Aya Nagar	26.27	324	eP	P	00 43 21.0	-4.1
NDI	New Delhi	26.38	325	eP	P	00 43 25.8	-0.2
NDI				e	P	00 43 36.6	
NDI	comp=Z,123nm,1.0s						
NDI	Ajmer	26.40	318	eP	P	00 46 54.5	
AJM				eP	P	00 43 28.0	+1.7
AJM				e	P	00 43 38.3	
KHET	Khetri	26.76	322	eP	P	00 43 29.8	+0.3
ENH	Enshi	26.77	31	eP	P	00 43 29.6	-0.1
ENH	comp=Z,98nm,1.0s,mb5.3				LR	LR	
DDI	Dehra Dun	27.19	328	eP	P	00 43 33.0	-0.5
DDI				e	P	00 48 27.4	
KKR	Kurukshetra	27.57	326	eP	P	00 43 36.5	-0.5
RCP	Roxas	28.48	801	eP	P	00 43 47.3	+2.0
WHN	Wuhan	29.67	37	eP	P	00 43 57.3	+1.4
WHN				LR	LR		
LZH	Lanzhou	29.73	16	eP	P	00 43 56.5	+0.1
LZH				AP	PP	00 44 06.5	+3.2
LZH				XP	PP	00 44 29.8	+2.5
LZH				S	SS	00 48 51.0	+1.3
LZH	comp=Z,59nm,1.5s,mb5.1				AMB	AMB	
LZH	comp=Z,281nm,5.5s				LR	LR	
LZH	comp=E,6j,um,12.3s				LR	LR	
LZH	comp=Z,6j,um,14.3s,MS5.4				LR	LR	
THN	Thein Dam	30.08	328	eP	P	00 43 58.0	-1.5
THN	comp=Z,26nm,0.8s,mb5.0						
GTA	Gaotai	32.10	8	eP	P	00 44 16.3	-0.9
GTA				AP	PP	00 44 25.8	+1.6
GTA				XP	PP	00 44 11.8	+5.4
GTA				P	PP	00 47 10.5	+4.2
GTA				S	SS	00 49 18.3	-8.6
GTA				SCS	SS	00 54 45.5	+1.1
GTA	comp=Z,6.0nm,0.9s,mb4.4				AMB	AMB	
GTA	comp=Z,139nm,5.7s				AMB	AMB	
GTA	comp=N,2j,um,19.0s				LR	LR	
GTA	comp=E,3j,um,12.6s				LR	LR	
GTA	comp=Z,2j,um,18.6s,MS4.9				LR	LR	
NJ2	Nanjing	33.50	40	eP	P	00 44 30.8	+1.4
NJ2				AP	PP	00 44 40.0	+3.6
NJ2				XP	PP	00 44 45.0	+5.5
NJ2				PP	PP	00 45 44.0	+2.2
NJ2				S	SS	00 49 49.0	+0.3
NJ2	comp=Z,110nm,1.0s,mb5.7				AMB	AMB	
NJ2	comp=Z,670nm,7.1s				AMB	AMB	
NJ2	comp=N,14j,um,15.0s,MS6.0				LR	LR	
NJ2	comp=E,16j,um,14.8s,MS6.0				LR	LR	
NJ2	comp=Z,9j,um,12.4s,MS5.7				LR	LR	
SSE	Sheshan	34.44	44	P	S	00 44 37.3	-0.2
SSE				P	S	00 49 59.5	-3.8
SSE	comp=Z,20nm,0.7s,mb5.2				AMB	AMB	
SSE					AMB	AMB	

SSE	comp=Z,161nm,5.4s				LR	LR	
SSE	comp=N,9j,um,16.0s,MS5.6				LR	LR	
SSE	comp=E,4j,um,16.0s,MS5.6				LR	LR	
SSE	comp=Z,7j,um,14.1s,MS5.5				LR	LR	
TIA	Tai'an	35.40	33	eP	P	00 44 46.5	+0.8
KSH	Kashi	35.74	336	eP	P	00 44 49.3	+0.7
KSH				AP	PP	00 44 58.0	+2.4
KSH				XP	PP	00 45 02.3	+3.7
KSH				PP	PP	00 46 09.0	-0.6
KSH				PPP	PPP	00 46 28.8	-0.3
KSH				PCP	PCP	00 47 18.5	+1.9
KSH				S	SS	00 50 22.8	-1.4
KSH				XS	ScS	00 50 38.8	-1.4
KSH				P	PP	00 51 00.0	
KSH				P	PP	00 51 04.0	
KSH				SS	SS	00 52 41.8	-2.5
KSH				SS	SS	00 55 03.0	-0.5
KSH	comp=Z,210nm,4.7s				LR	LR	
KSH	comp=N,3j,um,17.0s,MS5.2				LR	LR	
KSH	comp=E,2j,um,15.6s,MS5.2				LR	LR	
BTO	Baotou	35.81	21	eP	P	00 44 54.0	+4.8
BTO				S	AMB	00 50 18.8	-5.7
BTO	comp=Z,11nm,1.0s,mb4.7				LR	LR	
BTO	comp=N,1j,um,12.4s,MS5.2				LR	LR	
BTO	comp=E,2j,um,14.1s,MS5.2				LR	LR	
WMQ	Urumqi	36.54	352	↑P	P	00 44 56.5	+1.3
WMQ				AP	PP	00 45 07.0	+4.7
WMQ				XP	PP	00 45 11.5	+6.2
WMQ				PP	PP	00 46 20.5	+0.8
WMQ				PPP	PPP	00 46 40.5	+0.8
WMQ				AMB	AMB	00 50 35.5	-0.1
WMQ	comp=Z,22nm,0.7s,mb5.1				AMB	AMB	
WMQ	comp=Z,74nm,6.8s				LR	LR	
WMQ	comp=N,4j,um,29.0s,MS5.0				LR	LR	
WMQ	comp=E,2j,um,26.3s,MS5.0				LR	LR	
WMQ	comp=Z,2j,um,21.6s,MS5.2				LR	LR	
HHC	Hu-ho-hao-te	36.59	22	eP	P	00 44 57.3	+1.6
HHC				AP	PP	00 45 07.0	+4.7
HHC				PP	PP	00 46 19.0	-1.4
HHC				PCP	PCP	00 47 22.3	+3.2
HHC				S	SS	00 50 35.3	-1.1
HHC				P	PP	00 51 09.3	
HHC	comp=Z,21nm,1.3s,mb4.8				AMB	AMB	
HHC	comp=Z,460nm,5.6s				AMB	AMB	
HHC	comp=N,3j,um,13.7s,MS5.6				LR	LR	
HHC	comp=E,6j,um,13.4s,MS5.6				LR	LR	
HHC	comp=Z,4j,um,13.4s,MS5.4				LR	LR	
JOW	Kunigami	37.62	55	LR	LR	00 59 05.6	
JOW	comp=Z,21.8s,MS4.9,baz=254,slow=35						
JOW	Kunigami	37.62	55	LR	LR	00 59 05.6	
JOW	comp=Z,21.8s,MS4.9,baz=254,slow=34						
BJT	Baijiatuu	37.84	28	eP	P	00 45 06.9	+0.7
BJT				PMAX	PMAX		
BJT	comp=Z,53nm,1.0s				MLR	MLR	
BJT	comp=Z,5j,um,22.0s				MLR	MLR	
BJT	Baijiatuu	37.84	28	eP	P	00 45 06.9	+0.7
BJT	comp=Z,53nm,1.0s,mb5.2				LR	LR	
BJT	comp=Z,5j,um,22.0s,MS5.2				LR	LR	
BJI	Beijing	37.87	28	P	S	00 45 08.0	+1.6
BJI				S	AMB	00 50 49.8	-6.1
BJI	comp=Z,20nm,0.9s,mb4.8				LR	LR	
BJI	comp=N,5j,um,15.9s,MS5.5				LR	LR	
BJI	comp=E,5j,um,15.6s,MS5.5				LR	LR	
BJI	comp=Z,2j,um,19.5s,MS5.0				LR	LR	
ULHL	Ulahol	37.98	338	P	P	00 45 07.7	+0.4
ULHL	SNR=7.1						
MBWA	Marble Bar	38.04	139	eP	P	00 45 07.4	-0.7
MBWA	comp=Z,40nm,1.0s,mb5.1				LR	LR	
MBWA	comp=Z,2j,um,19.0s,MS5.0				LR	LR	
KZA	Kyzart	38.21	337	P	P	00 45 10.1	+0.9
KZA	SNR=11						
UCH	Uchter	38.62	336	P	P	00 45 13.7	+1.0
UCH	SNR=17						

28d Oh

Table with columns for airline codes (e.g., CLNS, KRS, TIG, PMG), flight numbers, destinations, times, and prices. Includes sub-sections for '28d Oh' and '28d Oh'.

2004 DEC

Table with columns for airline codes (e.g., YAK, AVNT, MEST, CSS), flight numbers, destinations, times, and prices. Includes sub-sections for '2004 DEC' and '2004 DEC'.

966

Table with columns for airline codes (e.g., KEV, OKC, KOC, BOS), flight numbers, destinations, times, and prices. Includes sub-sections for '966' and '966'.

Table of station data for the 967 frequency range, including call signs like SOTA, GRA1, and various call signs with their respective frequencies and coordinates.

Table of station data for the 2004 DEC frequency range, including call signs like VVDA, ECAL, and various call signs with their respective frequencies and coordinates.

Table of station data for the 20 28 1h frequency range, including call signs like IIO, UNM, and various call signs with their respective frequencies and coordinates.



IDC 2801:06:57.0-1.1, 3.29N-96.20E, mb3.9/9, mb1 4.0/9, mb1mx3.9/19, mbtmp3.9/7, Error ellipse: s-maj=53.1km s-min=20.1km az=50.0, Nicobar Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, SONM Songoing Array, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, BRTR Keskin Array B, ARCES ARCES Array B, GERES GERES Array B, DAVOX Davos.

IDC 2801:09:15.1-1.2, 7.38N-93.50E, mb4.0/7, mb1 4.2/8, mb1mx3.9/19, mbtmp3.9/8, ML4.1/1, Error ellipse: s-maj=47.2km s-min=21.3km az=57.0

ISC 2801:09:18.3-1.0, 7.4N-0.1, 93.6E-0.2, h33km, n9, c0619/9, mb3.9/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, ASAR Alice Springs, FINES FINESS Array B, KAF Kangasniemi, GERES GERES Array B, ILAR Eielson Array.

IDC 2801:12:11.5-0.7, 9.48N-93.74E, mb4.0/10, mb1 4.2/10, mb1mx4.0/10, mbtmp4.0/10, Error ellipse: s-maj=33.2km s-min=16.2km az=51.0

ISC 2801:12:14.3-0.7, 9.38N-0.10, 93.7E-0.1, h33km, n18, c0607/17, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, HYB Hyderabad, PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, KOLN Koldanda, SONM Songoing Array, SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, PMG Port Moresby, KMBO Kilimo, CTA Charters Tower, BRTR Keskin Array B, GERES GERES Array B, PDAR Pinedale Array.

IDC 2801:15:32.1-8.6, 8.82N-93.82E, mb3.9/6, mb1 4.1/7, mb1mx3.9/19, mbtmp3.9/7, ML4.2/1, Error ellipse: s-maj=204.0km s-min=48.0km az=139.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, ZAL Zalesovo, BVAR Borovoye Array, BRTR Keskin Array B, FINES FINESS Array B, GERES GERES Array B, NB2 NORASR Subarra, NOA NORASR Array B.

IDC 2801:18:09.9-1.4, 8.05N-93.45E, mb4.2/7, mb1 4.4/7, mb1mx3.9/19, mbtmp3.9/7, Error ellipse: s-maj=73.4km s-min=18.2km az=59.0

ISC 2801:18:12.4-0.9, 7.9N-0.1, 93.2E-0.2, h33km, n16, c0571/14, mb4.4/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONM Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, FINES FINESS Array B, ARCES ARCES Array B, PDAR Pinedale Array.

0.6mm, 0.9s, baz=44, slow=1.4, SNR=4.6 TXAR Lajitas Array 139.61 23 PKIKP 01 37 42.2 0.2mm, 0.5s, baz=50, slow=0.7, SNR=6.5

IDC 2801:18:49.6-1.4, 5.31N-94.25E, mb3.9/7, mb1 4.1/7, mb1mx3.9/19, mbtmp3.9/7, Error ellipse: s-maj=68.9km s-min=21.6km az=53.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, FINES FINESS Array B, GERES GERES Array B.

IDC 2801:22:19.3-1.5, 6.68N-95.82E, mb3.8/4, mb1 4.1/4, mb1mx3.7/17, mbtmp3.8/4, Error ellipse: s-maj=89.1km s-min=28.9km az=45.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ZAL Zalesovo, BRTR Keskin Array B, GERES GERES Array B.

IDC 2801:35:05.6-1.8, 7.48N-94.03E, mb3.8/5, mb1 3.8/6, mb1mx3.6/19, mbtmp3.7/6, ML3.8/1, Error ellipse: s-maj=61.3km s-min=29.2km az=62.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, ASAR Alice Springs, FINES FINESS Array B.

IDC 2801:36:13.2-1.6, 9.64N-90.26E, mb3.8/4, mb1 4.1/4, mb1mx3.7/17, mbtmp3.8/4, Error ellipse: s-maj=66.4km s-min=27.6km az=55.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B.

IDC 2801:41:20.1-1.8, 39.34N-76.92E, mb3.7/6, mb1 3.9/8, mb1mx3.7/23, mbtmp3.7/8, ML3.5/1, Error ellipse: s-maj=39.8km s-min=22.2km az=155.0

BJI 2801:41:22.2, 39.50N-77.03E, h13km, mb5.0, mb4.6, ML4.2 NNC 2801:41:27.1, 39.87N-76.97E, mpv4.1, Error ellipse: s-maj=18.5km s-min=8.0km az=13.0

ISC 2801:41:20.6-1.8, 39.33N-0.04, 77.06E-0.08, h13km, 12km, n26, c1909/31, mb3.7/6, 7C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KSH Kashi, ULHL Ulahol, KZA Kyzart, UCH Uchter, KBK Karagaybulak, TKM2 Tokmak 2, AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, EKS2 Erkin-Say, ULSP Osenpovka, DLH Dalhouzie, MK31 Makanchi Array, MK31 Dehra Dun, DDI Dehra Dun, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, CHKZ Chkalovo, CHKZ Chkalovo, ZAL Zalesovo, ZAL Zalesovo, SONM Songoing Array, GNI Gani, BRTR Keskin Array B, INK Inuvik, ILAR Eielson Array, YKA Yellowknife Arr.

IDC 2801:47:33.1-3.8, 11.11N-91.79E, mb3.5/3, mb1 3.7/4, mb1mx3.4/18, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=102.8km s-min=29.0km az=81.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 2801:48:49.0-0.9, 7.49N-93.98E, mb4.1/12, mb1 4.2/13, mb1mx4.1/21, mbtmp4.1/13, ML4.5/1, Error ellipse: s-maj=37.3km s-min=19.2km az=51.0

ISC 2801:48:52.5-0.8, 7.6N-0.1, 94.2E-0.1, h33km, n22, c0602/11, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONM Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, ASAR Alice Springs, BRTR Keskin Array B, FINES FINESS Array B, KAF Kangasniemi, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors, NB2 NORASR Subarra, NOA NORASR Array B, DAVOX Davos, PDAR Pinedale Array.

IDC 2801:49:38.7-1.6, 6.56N-93.18E, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, mbtmp3.9/6, Error ellipse: s-maj=62.3km s-min=28.3km az=52.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SONM Songoing Array, WRA Warramunga Arr, ZAL Zalesovo, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors.

IDC 2801:51:09.3-0.7, 10.39N-92.79E, mb4.3/16, mb1 4.4/16, mb1mx4.3/23, mbtmp4.3/16, Error ellipse: s-maj=40.1km s-min=13.0km az=51.0

ISC 2801:51:12.1-0.6, 10.3N-0.1, 92.7E-0.1, h33km, n20, c0671/17, mb4.3/16, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, PMG Port Moresby, CTA Charters Tower, STKA Stephens Creek, ASGAS Malin Array B, FINES FINESS Array B, ARCES ARCES Array B, GERES GERES Array B, DAVOX Davos, ILAR Eielson Array, INK Inuvik, PDAR Pinedale Array, NVAR Mina Array B, TXAR Lajitas Array.

NIED 2801:57:00.36, 30N-141.70E, h17km, Mw3.8 Best double couple: M5.5x7x10k1 NP130x34x872x, A108P. NP230x169x825x, A48P.

IDC 2801:57:13.1-12.0, 35.39N-141.59E, mb3.7/4, mb1 3.9/4, mb1mx3.6/21, mbtmp3.7/4, Error ellipse: s-maj=310.3km s-min=39.2km az=174.0

JMA 2801:57:20.5-0.3, 36.28N-141.70E, h57km, Mw3.7 ISC 2801:57:21.1-11.2, 36.30N-0.05, 141.7E-0.1, h35km, 12km, n18, c0672/11, mb3.6/4, 2D, Near east coast of eastern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CHJO Chosi, CHJO Chosi, CHJO Hitachi, ONAJ Iwakimizuishi.



Table with columns: JFK, Kawauchi, 1.27 327, P, P, 01 57 42.3 -0.2, etc.

TIR 28 02:02:11.5, 40.67N, 20.31E, h6km
CSEM 28 02:02:12.1, 40.67N, 20.32E, h10km, MD3.3, Error ellipse: s-maj=2.2km s-min=1.9km az=149.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WEL 28 02:04:52.2, 0.40, 40.37S, 174.72E, h94km, 2km, ML3.6/10, 13C-11D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 28 02:05:10.7, 0.5, 14.00N, 93.42E, mb4.4/21, mb1 4.5/21, mb1mx4.5/24, mbmp4.4/21, MS4.4/17, Ms1 4.4/17, ms1mx4.2/29, Error ellipse: s-maj=27.6km s-min=11.6km az=53.0

MOS 28 02:05:13.6, 1.1, 13.90N, 93.48E, h33km, mb5.0/18, Error ellipse: s-maj=19.3km s-min=10.2km az=110.9

BJJ 28 02:05:13.8, 13.66N, 93.24E, h48km, mb4.9, mb4.6, Ms4.7, Ms4.3

NEIC 28 02:05:14.8, 0.6, 13.87N, 93.36E, h30km, mb4.8/16, Error ellipse: s-maj=15.9km s-min=11.9km az=153.0

SYO 28 02:05:14.9, 13.86N, 93.36E, h30km, MB4.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: NANT, Van, 8.55 55, P, P, 02 07 20.0 +2.4, etc.

ISC 28 02:02:12.6, 0.0, 40.67N, 0.03, 20.30E, 0.04, h7km, 6km, n18, s14/26, 1D, GreenE-Albica border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WEL 28 02:04:52.2, 0.40, 40.37S, 174.72E, h94km, 2km, ML3.6/10, 13C-11D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 28 02:05:10.7, 0.5, 14.00N, 93.42E, mb4.4/21, mb1 4.5/21, mb1mx4.5/24, mbmp4.4/21, MS4.4/17, Ms1 4.4/17, ms1mx4.2/29, Error ellipse: s-maj=27.6km s-min=11.6km az=53.0

MOS 28 02:05:13.6, 1.1, 13.90N, 93.48E, h33km, mb5.0/18, Error ellipse: s-maj=19.3km s-min=10.2km az=110.9

BJJ 28 02:05:13.8, 13.66N, 93.24E, h48km, mb4.9, mb4.6, Ms4.7, Ms4.3

NEIC 28 02:05:14.8, 0.6, 13.87N, 93.36E, h30km, mb4.8/16, Error ellipse: s-maj=15.9km s-min=11.9km az=153.0

SYO 28 02:05:14.9, 13.86N, 93.36E, h30km, MB4.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: BVAR, Borovoye Array, 43.05 340, P, P, 02 13 11.6 -0.5, etc.

ISC 28 02:02:12.6, 0.0, 40.67N, 0.03, 20.30E, 0.04, h7km, 6km, n18, s14/26, 1D, GreenE-Albica border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WEL 28 02:04:52.2, 0.40, 40.37S, 174.72E, h94km, 2km, ML3.6/10, 13C-11D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 28 02:05:10.7, 0.5, 14.00N, 93.42E, mb4.4/21, mb1 4.5/21, mb1mx4.5/24, mbmp4.4/21, MS4.4/17, Ms1 4.4/17, ms1mx4.2/29, Error ellipse: s-maj=27.6km s-min=11.6km az=53.0

MOS 28 02:05:13.6, 1.1, 13.90N, 93.48E, h33km, mb5.0/18, Error ellipse: s-maj=19.3km s-min=10.2km az=110.9

BJJ 28 02:05:13.8, 13.66N, 93.24E, h48km, mb4.9, mb4.6, Ms4.7, Ms4.3

NEIC 28 02:05:14.8, 0.6, 13.87N, 93.36E, h30km, mb4.8/16, Error ellipse: s-maj=15.9km s-min=11.9km az=153.0

SYO 28 02:05:14.9, 13.86N, 93.36E, h30km, MB4.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

28d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR, SYO, INK, DBIC, YKA, PDAR, NVAR, TXAR, TRQA.

IDC 28 02:09:58.1±0.8, 7.57N-93.92E, mb4.1/13, mb1 4.2/14, mb1mx3.4/21, mbtmp4.0/14, ML3.4/1, MS1.3/1, Ms1 4.3/1, m=1mx3.1/29, Error ellipse: s-maj=37.5km s-min=18.9km az=51.0

ISC 28 02:10:01.5±0.8, 7.7N, 101.942E±0.2, h33km, n17, ±191/15, mb4.1/13, MS4.3/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, ZAL, WRA, BVAR, ASAR, ASAR, CTA, BRTR, AKASG, FINES, ARCES, GERES, HFS, NB2, NOA, DAVOX, PDAR.

IDC 28 02:14:26.2±0.9, 1.66S-97.47E, mb3.8/5, mb1 4.0/5, mb1mx3.7/17, mbtmp3.8/5, Error ellipse: s-maj=111.7km s-min=27.3km az=59.0, Southwest of Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, ASAR, SONM, ZAL, BVAR, WRA, ASAR, FINES, GERES, HFS.

IDC 28 02:14:42.5±0.7, 0.819N-93.62E, mb3.8/6, mb1 4.0/7, mb1mx3.8/20, mbtmp3.8/7, ML4.4/1, Error ellipse: s-maj=162.5km s-min=39.8km az=144.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, ZAL, BVAR, WRA, ASAR, FINES, GERES, HFS.

PRU 28 02:15:28.5, 50.12N, 19.08E, WAR 28 02:15:27.1, 50.17N, 19.31E, h0km, ML2.4, Mining Induced Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OJC, RAC, OKC, NIE, NIE, LIKAS, VYHS, KECS, KECS, CRVS, DPC, KSP, PRU, BRG, KHC, KHC.

IDC 28 02:19:41.0±10.0, 71.82N-3.11W, mb1 3.8/4, mb1mx3.4/23, mbtmp3.7/4, ML3.4/4, Error ellipse: s-maj=116.1km s-min=42.0km az=132.0

BER 28 02:19:55.7±3.5, 71.81N-0.78W, h10km, MW2.7, ISC 28 02:19:41.9±4.1, 71.81N-0.3±2.6W±0.7, h10km, n9, ±190/11, Jan Mayen Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LOF, TRO, MORB, KTK1.

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KTK1, ARCES, ARCES, NOA, HFS, KAF, FINES.

IDC 28 02:21:15.4±1.2, 5.97N-94.29E, mb3.8/6, mb1 3.9/7, mb1mx3.8/19, mbtmp3.8/7, ML4.2/1, Error ellipse: s-maj=48.5km s-min=21.5km az=51.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, WRA, ASAR, BRTR, FINES, ARCES.

IDC 28 02:21:57.3±1.1, 5.27N-94.33E, mb4.0/8, mb1 4.2/8, mb1mx4.0/18, mbtmp4.0/8, Error ellipse: s-maj=51.1km s-min=21.4km az=47.0

ISC 28 02:22:00.7±0.9, 5.3N, 102.944E±0.2, h33km, n9, ±190/9, mb4.1/13, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, WRA, ASAR, BRTR, AKASG, GERES, DAVOX.

IDC 28 02:28:11.2±1.2, 7.39N-91.36E, mb3.9/8, mb1 4.1/8, mb1mx3.8/19, mbtmp3.9/8, MS2.9/1, Ms1 3.1/1, m=1mx2.6/33, Error ellipse: s-maj=53.1km s-min=21.4km az=52.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, ZAL, BVAR, WRA, ASAR, FINES, GERES, DAVOX.

WEL 28 02:28:8.0±2.4, 44.15S-168.20E, h5km, ML3.7/6, 3C-12, Error ellipse: s-maj=11.5km s-min=1.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSZ, MSZ, JZC, WKZ, MLZ, EAZ, DCZ, FOF, LBZ, LBZ, WHZ, TUZ, OZJ, RPZ, WVZ, DSZ, THZ, ORZ.

IDC 28 02:30:28.2±11.0, 13.49N-91.65E, mb4.0/2, mb1 4.1/3, mb1mx3.5/18, mbtmp3.6/3, ML3.9/1, Error ellipse: s-maj=238.1km s-min=50.9km az=112.0, Andaman Islands region

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

WEL 28 02:31:40.5±1.3, 37.05S-179.21W, h33km, ML3.6/2, Error ellipse: s-maj=11.5km s-min=10.7km az=90.0, East of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ, MXZ, MWZ, MWZ, KNZ, KNZ, BFZ, MGZ.

IDC 28 02:36:37.7±1.5, 71.80N-2.14W, mb3.5/4, mb1 3.8/8, mb1mx3.6/23, mbtmp3.7/8, ML3.5/4, MS3.3/1, Ms1 3.4/1, m=1mx2.6/28, Error ellipse: s-maj=41.8km s-min=21.8km

970

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BER, KANG, MORB, NSS, KTK1, ARCES, NOA, NOA, HFS, KAF, FINES, GERES, AKASG, BRTR, YKA.

IDC 28 02:40:28.5±0.9, 13.92N-93.30E, mb3.9/10, mb1 4.0/11, mb1mx3.9/19, mbtmp3.9/11, ML3.3/1, MS3.4/1, Ms1 3.8/1, m=1mx2.8/34, Error ellipse: s-maj=29.1km s-min=18.3km az=49.0

ISC 28 02:40:29.3±6.6, 13.9N, 101.933E±0.1, h17km, 46km, n12, ±190/13, mb3.9/10, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, SHL, SONM, ZAL, WRA, WRA, ASAR, BRTR, FINES, GERES, HFS, NOA, ILAR.

IDC 28 02:42:38.3±1.3, 10.00N-126.16E, mb4.0/5, mb1 4.2/5, mb1mx3.9/18, mbtmp4.0/5, Error ellipse: s-maj=103.5km s-min=27.4km az=72.0

MAN 28 02:42:40.5, 10.14N-126.62E, h14km, mb4.5, ML3.4, MS3.3

ISC 28 02:42:39.9±0.7, 10.13N, 102.04E±0.05, h14km, n20, ±191/23, mb4.0/6, 1C-22, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH, MSLP, BESP, PLP, BIPH, DIPH, LLLP, BUKP, TBP, CAG, DCPH, PADM, GUMJ, RCP, ASAR, SONM, ZAL, ARCES, NB2, YKA.

IDC 28 02:44:15.9±1.2, 6.76N-95.12E, mb4.0/6, mb1 4.3/6, mb1mx3.9/17, mbtmp4.0/6, Error ellipse: s-maj=86.0km s-min=21.0km az=46.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, ZAL, ASAR, BRTR, GERES, NOA.

IDC 28 02:44:21.3±0.6, 6.1249N-92.55E, mb4.2/18, mb1 4.4/18, mb1mx4.3/23, mbtmp4.2/18, Error ellipse: s-maj=35.2km s-min=12.5km az=50.0

ISC 28 02:44:24.0±0.5, 12.42N, 102.9243E±0.10, h33km, n27, ±190/27, mb4.2/18, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, VIS, PVI, GUN, KKN, GKN, KOLN.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NDI New Delhi, DDI Dehra Dun, and various other locations.

400 DEC 2002: 47.23.9.5, 3.55N-94.34E, mb4.0/5, mb1 4.1/5, mb1mx3.8/18, mbtmdp4.0/5, Error ellipse: s-maj=244.0km s-min=68.9km az=142.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SONM Songoing Array, BVAR Borovoye Array, and others.

400 DEC 2002: 49.15.0.1, 0.4, 2.4N-93.38E, mb4.1/9, mb1 4.3/10, mb1mx4.1/21, mbtmdp4.0/10, M.L4.3/1, Error ellipse: s-maj=42.2km s-min=20.3km az=47.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, and others.

400 DEC 2002: 52.41.0.1, 1.3, 3.1N-93.65E, h33km, mb5.0/10, Error ellipse: s-maj=23.6km s-min=10.8km az=114.4

400 DEC 2002: 52.41.5, 3.13N-93.76E, h44km, mb5.0, mb4.8, Ms4.2, Ms3.9

400 DEC 2002: 52.42.3, 0.8, 3.35N-93.73E, mb4.8/14, Error ellipse: s-maj=20.4km s-min=18.2km az=187.0

400 DEC 2002: 52.42.3, 3.35N-93.73E, h29km, MB4.9, Error ellipse: s-maj=21.9km s-min=9.4km az=41.0

400 DEC 2002: 52.40.9.0, 4.3, 4.0N-0.07, 93.72E, 0.06, h29km, h29km, 3km, p-P, n83, 0.09/80, mb4.7/43, MS3.8/2, 7C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, KMI KMI, and others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, and others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZST ARCES ARCESS Array, GERS GERRASS Array, and others.

400 DEC 2002: 58.42.2.2, 0.1161N-92.80E, mb3.7/4, mb1 3.9/4, mb1mx3.6/17, mbtmdp3.7/4, Error ellipse: s-maj=77.3km s-min=27.9km az=57.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, and others.

400 DEC 2003: 01.09.1.4, 8.5, 3.2N-92.73E, h30km, mb4.8/6, Error ellipse: s-maj=95.6km s-min=17.7km az=161.0

400 DEC 2003: 01.09.0.5, 3.0N-92.70E, h30km, mb5.0, mb4.8, Error ellipse: s-maj=21.3km s-min=6.91km, 0.08, 91.79E, 0.08, h28km, h28km, 7km, p-P, n44, 0.19/88, mb4.5/33, MS4.1/1, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, and others.

Table with columns: NOA, NORSAR Array B, 79.43 331 P, P, 03 13 25.8 -0.6, comp=2.2, 1nm, 1.0s, mb4.0, baz=355, slow=17, SNR=3.4

IDC 28 03:07:06.2-1.2, 5.25N-94.71E, mb3.9/9, mb1 4.0/9, mb1mx3.8/19, mbtmp3.9/9, Error ellipse: s-maj=61.9km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 13.76 17 Ph, P, 03 10 28.8 +3.6

IDC 28 03:11:39.7-2.8, 8.40N-91.78E, mb3.7/3, mb1 4.0/4, mb1mx3.6/18, mbtmp3.8/4, ML4.6/1, Error ellipse: s-maj=85.2km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 12.19 34 Pn, P, 03 14 37.7 -2.9

IDC 28 03:12:19.9-0.8, 8.13N-94.03E, mb4.1/14, mb1 4.2/14, mb1mx4.1/20, mbtmp4.1/14, Error ellipse: s-maj=34.5km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 11.55 25 Pn, P, 03 15 10.1 +1.7

IDC 28 03:13:49.7-3.7, 11.75N-92.03E, mb3.7/3, mb1 4.0/4, mb1mx3.6/18, mbtmp3.7/4, ML4.4/1, Error ellipse: s-maj=100.4km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 9.43 44 Pn, P, 03 16 07.0 -2.8

IDC 28 03:15:12.7-7.5, 12.82N-92.34E, h40km, 65km, mb3.8/12, mb1 4.0/13, mb1mx3.8/22, mbtmp4.0/13, ML4.1/1, Error ellipse: s-maj=47.2km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 8.46 48 Pn, P, 03 17 13.3 +0.2

Table with columns: BRTR Keskin Array B, 57.84 309 P, P, 03 25 00.3 -0.6, 1.0nm, 0.9s, mb3.9, baz=127, slow=6.2, SNR=4.5

BUI 28 03:20:16.4, 6.55N-92.78E, h25km, mb5.3, mb5.0, Ms5.2, Msz5.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, PALK Pallekele, 12.08 273 Op, P, 03 28 09.7 -2.0

HRVD 28 03:20:18.0-0.4, 6.71N-92.88E, h12km, MW5.0/59, Centroid moment Tensor Solution, LP body waves:

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 13.04 26 Pn, P, 03 23 25.6 +1.0

IDC 28 03:20:19.0-0.9, 6.82N-92.81E, h13km, mb5.4/56, Ms4.7/23, Error ellipse: s-maj=11.0km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 13.04 26 Pn, P, 03 23 25.6 +1.0

IDC 28 03:20:19.0-0.9, 6.82N-92.81E, h15km, MB5.2, Ms4.5, CSEM 28 03:20:23.1, 7.22N-92.69E, h33km, mb5.5

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CAL Calcutta, 16.27 345 Op, P, 03 24 09.9 +3.0

IDC 28 03:20:16.8-1.0, 6.77N-100.04-92.86E, h12km, 5km, h19km, 1.8km, pP-P, N, 6.22N, 10.09/318, mb5.1/106, Ms4.8/62, 32C-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, CMAR Chiang Mai Arr, 9.43 44 Pn, P, 03 16 07.0 -2.8

Table with columns: LSA Lhasa, 22.86 356 eP, P, 03 25 23.1 +1.8, comp=Z, 44nm, 0.6s, mb5.1

IDC 28 03:20:16.8-1.0, 6.77N-100.04-92.86E, h12km, 5km, h19km, 1.8km, pP-P, N, 6.22N, 10.09/318, mb5.1/106, Ms4.8/62, 32C-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, LSA Lhasa, 22.86 356 eP, P, 03 25 23.1 +1.8





Table of station data for the 28d 3h period, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for the 2004 DEC period, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for the Solomon Islands region, including station names, coordinates, and various parameters like elevation and frequency.











GYA	comp=E,2µm,16.0s,MS4.9	LR	LR		
POO	comp=Z,4µm,17.1s,MS4.9				
POO	<b>Poona</b> 21.30 297 eP	P	P	05 40 59.0 +1.0	05 41 01.5
POO	comp=Z,178nm,0.4s				
COCO	<b>West Island</b> 21.66 1721 eS	S	S	05 44 52.8 +5.1	05 41 04.0 +3.0
COCO	comp=Z,214nm,0.9s,mb5.6				
BOM	<b>Bombay</b> 22.35 297 eP	P	P	05 41 10.0 +1.6	05 41 13.1
BOM	comp=Z,275nm,1.5s				
BOM	<b>CD2 Chengdu</b> 23.36 2211 eS	S	S	05 45 17.3 +1.0	05 41 20.0 +1.7
CD2		PP	PP	05 41 55.0 +4.9	
CD2		S	S	05 45 36.5 +1.1	05 45 44.0
CD2	comp=Z,70nm,0.8s,mb5.1	AMB	AMB		
CD2	comp=Z,1µm,5.7s	LR	LR		
CD2	comp=E,5µm,10.8s	LR	LR		
CD2	comp=Z,3µm,11.4s,MS5.0	LR	LR		
HKC	<b>Hong Kong</b> 23.45 5411 eP	P	P	05 41 31.0	
PTH	<b>Pithoragarh</b> 23.71 330 eP	P	P	05 41 24.2 +2.4	05 45 46.3
PTH				05 45 46.3	
NDI	<b>New Delhi</b> 24.68 323 eP	P	P	05 41 31.7 +0.5	05 41 35.8
NDI	comp=Z,372nm,0.8s				
NDI		e	e	05 45 11.2	
AJM	<b>Ajmer</b> 24.81 316 eP	P	P	05 41 34.2 +1.8	05 41 36.9
AJM	comp=Z,147nm,0.7s				
DDI	<b>Dehra Dun</b> 25.45 327 eP	P	P	05 41 39.9 +1.4	05 46 24.6
DDI				05 46 24.6	
ENH	<b>Enshi</b> 25.46 33 eP	P	P	05 41 38.6 0.0	
ENH	comp=Z,99nm,0.9s,mb5.3				
ENH		LR	LR		
BHJ	<b>Bhuj</b> 26.84 304 eP	P	P	05 41 54.6 +3.2	05 41 59.5
BHJ	comp=Z,84nm,1.5s				
SDNR	<b>Sundarnagar</b> 26.95 327 eP	P	P	05 41 52.8 +0.4	05 42 03.8 +0.4
LZH	<b>Lanzhou</b> 28.12 18 eP	P	P	05 42 13.0 +1.3	05 42 16.8 +0.1
LZH		AP	AP	05 42 53.5 -0.1	05 46 43.0 -1.3
LZH		XP	sP		
LZH		PP	PP		
LZH		S	S		
LZH	comp=Z,85nm,1.5s,mb5.2	AMB	AMB		
LZH	comp=Z,460nm,5.3s	LR	LR		
LZH	comp=N,2µm,13.6s	LR	LR		
LZH	comp=Z,3µm,16.4s,MS5.0	LR	LR		
XAN	<b>Xi'an</b> 28.27 27 P	P	P	05 42 01.0 -2.9	05 46 54.5 +8.6
XAN	comp=N,2µm,13.5s,MS5.1	LR	LR		
XAN	comp=E,3µm,14.8s,MS5.1	LR	LR		
XAN	comp=Z,3µm,16.1s,MS4.9	LR	LR		
OZH	<b>Quanzhou</b> 28.27 5411 eP	P	P	05 42 07.0 +2.6	05 46 55.5 +8.8
OZH	comp=Z,260nm,0.9s,mb5.9	AMB	AMB		
OZH	comp=N,3µm,6.6s	LR	LR		
OZH	comp=E,6µm,12.8s	LR	LR		
THN	<b>Thein Dam</b> 28.34 327 eP	P	P	05 42 04.5 -0.5	
THN	comp=Z,19nm,0.6s,mb4.9				
WHN	<b>Wuhan</b> 28.51 40 P	P	P	05 42 07.8 +1.3	05 47 00.8 +1.0
WHN		S	S		
WHN	comp=Z,4µm,16.0s,MS5.1	LR	LR		
GTA	<b>Gaotai</b> 30.38 9 eP	P	P	05 42 22.5 -0.6	05 42 31.8 -0.9
GTA		AP	PP	05 43 21.8 -1.1	05 45 23.8 +1.2
GTA		PP	PCP		
GTA		S	S	05 47 12.0 -8.2	
GTA	comp=Z,6.0nm,1.1s,mb4.2	AMB	AMB		
GTA	comp=Z,382nm,6.5s	LR	LR		
GTA	comp=N,1µm,20.5s,MS4.7	LR	LR		
GTA	comp=E,1µm,17.9s,MS4.7	LR	LR		
GTA	comp=Z,1µm,22.0s,MS4.5	LR	LR		
TIY	<b>Taiyuan</b> 32.86 28 eP	P	P	05 42 48.0 +3.1	
TIY	comp=E,2µm,12.0s	LR	LR		
TIY	comp=Z,968nm,11.0s,MS4.8	LR	LR		
KSH	<b>Kashi</b> 33.93 335 i PR	P	P	05 42 54.5	
KSH		AP	pP	05 43 03.8 +0.1	05 43 07.3 -0.8
KSH		XP	sP	05 44 09.3 +1.2	05 44 25.3 -0.7
KSH		ePP	PPP	05 45 33.0 +0.8	05 48 14.8 -0.8
KSH		PP	PCP	05 49 14.0	05 49 18.3
KSH		S	S	05 50 18.8 -4.6	05 53 14.8 +1.2
KSH		SS	SS		
KSH		S	S		
KSH	comp=N,670nm,9.0s	LR	LR		
BTO	<b>Baotou</b> 34.28 22 eP	P	P	05 42 56.0 -1.1	05 48 29.3 +8.2
BTO		S	S	05 43 01.5 +0.9	05 43 11.5 +1.2
WMQ	<b>Urumqi</b> 34.70 35211 eP	P	P	05 43 11.5 +1.2	05 43 15.5 +0.9
WMQ		AP	PP	05 44 18.5 +0.5	05 44 36.5 +0.5
WMQ		XP	PPP	05 48 27.5 +0.1	
WMQ		PP	S		
WMQ		PPP	S		
WMQ		S	AMB		
WMQ	comp=Z,28nm,1.1s,mb5.1	AMB	AMB		
WMQ	comp=Z,98nm,6.7s	LR	LR		
WMQ	comp=N,553nm,29.8s,MS4.6	LR	LR		
WMQ	comp=E,2µm,32.4s,MS4.6	LR	LR		
WMQ	comp=Z,1µm,17.8s,MS4.7	LR	LR		
HHC	<b>Hu-ho-hao-te</b> 35.09 24 P	P	P	05 43 05.3 +1.3	05 43 14.8 +1.1
HHC		AP	sP	05 43 18.5 +0.5	05 48 28.3 -5.3
HHC		XP	S		
HHC		S	AMB		
HHC	comp=Z,27nm,0.9s,mb5.2	AMB	AMB		
HHC	comp=Z,475nm,7.1s	AMB	AMB		
HHC	comp=N,959nm,17.8s,MS4.9	LR	LR		
HHC	comp=E,2µm,13.7s,MS4.9	LR	LR		
HHC	comp=Z,1µm,17.8s,MS4.7	LR	LR		
ULHL	<b>Ulahol</b> 36.15 338 P	P	P	05 43 13.5 +0.5	
ULHL	SNR=7.7				
KZA	<b>Kyzart</b> 36.39 337 P	P	P	05 43 15.7 +0.7	
KZA	SNR=21				
BJT	<b>Baijiatuu</b> 36.46 30 eP	P	P	05 43 15.9 +0.3	
BJT	comp=Z,18nm,0.6s	PMX	PMX		
BJT	comp=Z,2µm,19.0s	MLR	MLR		
BJT	comp=Z,18nm,0.6s,mb5.2	LR	LR		
BJT	comp=Z,2µm,19.0s,MS4.8	LR	LR		
BJI	<b>Beijing</b> 36.48 30 P	P	P	05 43 16.8 +1.0	
BJI	comp=Z,32nm,1.0s,mb5.2	AMB	AMB		

BJI	comp=N,2µm,23.7s,MS4.9	LR	LR		
BJI	comp=E,2µm,18.7s,MS4.9	LR	LR		
UCH	<b>Uchter</b> 36.81 336 P	P	P	05 43 19.0 +0.5	
UCH	SNR=50				
JOW	<b>Kunigami</b> 36.96 57 P	P	P	05 43 20.1 +0.1	
JOW	comp=Z,14nm,0.7s,mb4.9,baz=221,slow=9.3	LR	LR	05 59 52.2	
TKMZ	<b>Tokmak 2</b> 36.98 338 P	P	P	05 43 20.2 +0.3	
TKMZ	SNR=23				
KBK	<b>Karagaybulak</b> 37.00 337 P	P	P	05 43 21.2 +1.1	
KBK	SNR=18				
AML	<b>Almayusha</b> 37.06 335 P	P	P	05 43 21.3 +0.7	
AML	SNR=102				
AAK	<b>Ala-Archa</b> 37.16 336 P	P	P	05 43 22.0 +0.5	
AAK	SNR=56				
AAK	<b>Ala-Archa</b> 37.16 336 eP	P	P	05 43 20.8 -0.6	05 45 41.1
AAK		e	e		
AAK	comp=Z,82nm,0.9s,mb5.6	PMX	PMX		
AAK	comp=Z,817nm,22.0s,MS4.5	MLR	MLR		
AAK	<b>Ala-Archa</b> 37.16 336 eP	P	P	05 43 20.8 -0.7	
AAK	comp=Z,82nm,0.9s,mb5.6	eP	P	05 45 41.0 -0.6	
AAK		eP	P		
FRU	comp=Z,817nm,22.0s,MS4.5	LR	LR		
FRU	<b>Bishkek</b> 37.28 337 eP	P	P	05 43 24.0 +1.5	05 44 53.0
FRU		eP	eP		
FRU	comp=Z,240nm,2.2s,mb5.6	PMX	PMX		
FRU	comp=Z,2µm,22.0s,MS5.0	MLR	MLR		
CHMS	<b>Chumysh</b> 37.36 337 P	P	P	05 43 22.7 -0.5	
CHMS	SNR=38				
EKS2	<b>Erkin-Say</b> 37.47 336 P	P	P	05 43 24.8 +0.7	
EKS2	SNR=57				
USP	<b>Ospenovka</b> 37.69 337 P	P	P	05 43 25.9 -0.1	
USP	SNR=58				
MKAR	<b>Makanchi Array</b> 38.52 347 i P	P	P	05 43 32.1 -0.7	
MKAR		P	P		
DL2	<b>Dalian</b> 38.57 36 P	P	P	05 43 35.5 +2.2	05 49 37.3 +1.0
DL2		S	S		
DL2	comp=Z,30nm,0.9s,mb5.0	AMB	AMB		
DL2	comp=Z,300nm,5.8s	LR	LR		
DL2	comp=N,720nm,14.4s,MS4.8	LR	LR		
DL2	comp=E,750nm,15.0s,MS4.8	LR	LR		
DL2	comp=Z,770nm,17.0s,MS4.6	LR	LR		
SOMN	<b>Songino Array</b> 39.78 13 P	P	P	05 43 42.4 -0.9	
SOMN	comp=Z,12nm,1.0s,mb4.6,baz=202,slow=4.9,SNR=49	P	P	05 45 48.9 -0.9	05 49 37.4
SOMN	comp=Z,6.2nm,0.6s,baz=206,slow=3.6,SNR=15	ScP	ScP		
SOMN	comp=Z,1.8nm,1.0s,baz=198,slow=3.9,SNR=4.1	LR	LR	06 01 51.6	
SOMN	comp=Z,1µm,18.4s,MS4.8,baz=191,slow=39	LR	LR		
ULN	<b>Ulaanbaatar</b> 39.97 14 eP	P	P	05 43 44.3 -0.5	05 45 50.3
ULN		e	e		
ULN	comp=Z,9.0nm,1.0s,mb4.5	PMX	PMX		
ULN	comp=Z,1µm,22.0s,MS4.7	MLR	MLR		
ULN	comp=Z,9.2nm,1.0s,mb4.5	PMX	PMX		
ULN		eP	P	05 43 44.3 -0.5	
ULN		eP	P		
ULN	comp=Z,1µm,22.0s,MS4.7	LR	LR		
ZAK	<b>Zakamensk</b> 41.62 9 eP	P	P	05 43 57.0 -1.5	05 43 59.3 +0.6
ZAK	SNY			05 50 23.5 +1.1	
SNY	<b>Shenyang</b> 41.64 34 i P	P	P	05 43 57.0 -1.5	05 50 23.5 +1.1
SNY		S	S		
SNY	comp=Z,30nm,1.2s,mb4.8	AMB	AMB		
SNY	comp=Z,450nm,11.0s	AMB	AMB		
SNY	comp=E,2µm,13.1s	LR	LR		
SNY	comp=Z,2µm,13.5s,MS5.1	LR	LR		
MOY	<b>Mondul</b> 42.57 7 eP	P	P	05 44 05.3 -0.9	05 44 10.7 +1.5
MOY	TLY			05 46 00.8	
MOY	<b>Talaya</b> 42.94 9 eP	P	P	05 44 05.3 -0.9	05 46 00.8
MOY		e	e		
MOY	comp=Z,20nm,1.3s,mb4.7	PMX	PMX		
MOY	comp=Z,616nm,13.0s,MS4.7	MLR	MLR		
TLY	<b>Changchun</b> 43.98 33 i P	P	P	05 44 18.5 +0.7	05 44 28.0 +0.3
TLY		P	P	05 50 47.8 +0.8	
TLY		eAP	eS		
TLY	comp=Z,20nm,0.7s,mb5.0	AMB	AMB		
CN2	comp=Z,20nm,0.7s,mb5.0	AMB	AMB		
CN2	comp=Z,600nm,6.0s	AMB	AMB		
CN2	comp=N,1µm,16.0s,MS5.1	LR	LR		
CN2	comp=E,2µm,16.0s,MS5.1	LR	LR		
CN2	comp=Z,2µm,17.0s,MS5.0	LR	LR		
HASS	<b>Wahat al Ansha'</b> 44.65 296 P	P	P	05 44 26.7 +3.2	05 44 24.5 -1.2
HASS	ZAL			05 44 26.7 +3.2	05 44 24.5 -1.2
HASS	comp=Z,9.3nm,0.6s,mb4.8,baz=298,slow=9.0,SNR=57	P	P	05 44 25.5 -0.3	05 44 28.5 +0.2
ZAL	<b>Zalesovo</b> 45.				

28d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TBKS Tabuk, ELZG Elazig, ASF Jabal al Asfar, etc.

2004 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ Lusaka, LSZ Lovozero, VSU Vasuta, etc.

980

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRF Grafenberg Arr, GRF Grafenberg Arr, GRF Grafenberg Arr, etc.





28d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like Sevastopol, Alusha, Yalova, etc.

IDC 28 06:28:07.9, 0.8, 5.35N, 94.34E, mb4.6/13, mb1 4.6/14, mb1mx4.5/22, mbtmp4.5/14, MS3.9/4, Ms1 4.0/4, ms1mx3.4/32, Error ellipse: s-maj=40.0km s-min=17.4km az=46.0

MOS 28 06:28:11.3, 1.2, 5.32N, 94.34E, h33km, mb5.2/12, Error ellipse: s-maj=27.2km s-min=10.1km az=111.2

BUI 28 06:28:11.9, 4.99N, 94.43E, h53km, mb5.1, mb4.9, Ms4.5, Ms2.1

NEIC 28 06:28:12.8, 0.9, 5.40N, 94.49E, h30km, mb4.9/7, Error ellipse: s-maj=34.4km s-min=19.2km az=50.0

SYO 28 06:28:12.6, 5.38N, 94.46E, h30km, MB4.9

ISC 28 06:28:11.3, 0.5, 5.32N, 0.07, 94.44E, 0.08, h33km, n72, o1609/66, mb4.8/42, MS4.1/7, 3C-5D, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like CM31, CMAR, CMAR, etc.

2004 DEC

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like HHC, HHC, WMQ, BJI, etc.

IDC 28 06:30:05.1, 6.9, 10.23N, 93.17E, mb4.2/3, mb1 4.4/4, mb1mx3.8/17, mbtmp4.1/4, Error ellipse: s-maj=161.7km s-min=43.2km az=96.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters.

982

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like CMAR, WRA, ASAR, STKA, etc.

IDC 28 06:52:43.4, 1.4, 13.65N, 93.31E, mb3.5/4, mb1 3.8/5, mb1mx3.6/18, mbtmp3.5/5, ML3.6/1, Error ellipse: s-maj=36.0km s-min=29.2km az=66.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters.

SONM Songoing Array 35.79 15 P P 06 59 43.9 -2.3
WRA Warrungarra Arr 52.38 129 P P 07 01 56.0 -3.9
ASAR Alice Springs 54.32 133 P P 07 02 12.8 -1.3
GERES GERES Array B 73.03 317 P P 07 04 16.5 -0.6

IDC 28 06:56:40.8:1.5, 6.03N-92.22E, mb3.9/6, mb1 4.1/7,
mb1mx3.9/19, mbtmp3.9/7, MS3.2/1, Ms1 3.4/1,
ms1mx2.9/30, Error ellipse: s-maj=59.0km
s-min=21.5km az=59.0, Nicobar Islands region

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 13.99 27 Ph ISC h m s ISC
CMAR comp=Z,82nm,18.3s,baz=205,slow=43
SONM Songoing Array 43.39 14 P P 07 04 45.2 -1.5

IDC 28 07:03:20.3:3.4, 2.23S-34.54E, mb4.0/4, mb1 4.2/5,
mb1mx3.9/19, mbtmp3.9/7, MS3.4/1, Error ellipse:
s-maj=79.1km s-min=15.5km az=171.0, Lake Victoria
region

Code Station Name Az AZ Phase ID Time Res
KMB0 Kilima Mbogo 2.93 68 Pn Pn 07 04 06.7 -2.3
KMB0 43nm,0.3s,baz=226,slow=23,SNR=693
KMB0 225nm,0.3s,baz=224,slow=19,SNR=61

IDC 28 07:04:11.5:1.5, 2.45N-95.60E, mb4.2/7, mb1 4.4/8,
mb1mx4.2/18, mbtmp4.2/8, ML4.5/1, Error ellipse:
s-maj=65.4km s-min=19.7km az=56.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 16.26 11 Ph P 07 08 03.0 +0.7
WRA Warrungarra Arr 44.04 122 P P 07 12 21.6 +0.1
ASAR Alice Springs 45.41 127 P P 07 12 32.5 0.0

IDC 28 07:04:42.9:0.8, 10.26N-93.72E, mb4.2/11, mb1 4.3/12,
mb1mx4.2/22, mbtmp4.2/12, ML3.8/1, Error ellipse:
s-maj=34.5km s-min=15.0km az=49.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 9.39 30 Ph P 07 07 01.2 -1.5
PKI Pulchoki 18.97 338 eP P 07 09 08.4 +0.3
GUN Gumba 19.09 338 eP P 07 09 10.0 +0.6

IDC 28 07:04:46.7:0.7, 10.3N-01.94E, 0.1, h33km, n21,
e1501/19, mb4.2/11, Andaman Islands region

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 9.39 30 Ph P 07 07 01.2 -1.5
PKI Pulchoki 18.97 338 eP P 07 09 08.4 +0.3
GUN Gumba 19.09 338 eP P 07 09 10.0 +0.6

WEL 28 07:06:51.9:0.3, 41.29S-172.56E, h213km,2km, ML3.8/9,
12C-ID, Error ellipse: s-maj=2.1km s-min=2.1km
az=90.0, South Island

Code Station Name Az AZ Phase ID Time Res
QRZ Quartz Range 0.46 357 Pn P 07 07 20.2 +0.5
QRZ 0.7nm,0.8s,mb4.0,baz=294,slow=5.6,SNR=5.4
THZ Tophouse 0.54 152 Pn P 07 07 20.9 -0.1

KIW Cannon Point 1.90 85 Pn P 07 07 47.1 -2.3
CAW Cannon Point 1.90 85 Pn P 07 07 30.1 -0.7
CAW Cannon Point 1.90 85 Pn P 07 07 59.0 -1.8

IDC 28 07:09:16.4:3.7, 8.62N-93.62E, mb4.2/12, mb1 4.3/13,
mb1mx4.1/21, mbtmp4.1/13, ML3.8/1, Error ellipse:
s-maj=89.2km s-min=36.3km az=151.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 10.91 28 Ph P 07 11 58.2 +0.4
PKI Pulchoki 20.16 339 eP P 07 13 55.2 -0.2
DMN Daman 20.31 338 eP P 07 13 56.6 -0.3

IDC 28 07:10:02.7:1.0, 5.21N-94.72E, mb4.5/10, mb1 4.6/10,
mb1mx4.3/21, mbtmp4.5/10, Error ellipse: s-maj=51.8km
s-min=19.4km az=50.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 13.71 17 Ph P 07 13 27.5 +6.6
SONM Songoing Array 43.55 11 P P 07 18 08.9 +0.1
SONM 0.9nm,0.4s,mb4.1,baz=192,slow=7.9,SNR=14

IDC 28 07:10:06.3:1.1, 5.3N-0.2, 93.8E, 0.3, h33km, n14,
e041/11, mb4.5/10, Northern Sumatra

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 13.71 17 Ph P 07 13 27.5 +6.6
SONM Songoing Array 43.55 11 P P 07 18 08.9 +0.1
SONM 0.9nm,0.4s,mb4.1,baz=192,slow=7.9,SNR=14

IDC 28 07:14:34.3:1.5, 7.47N-92.37E, mb4.0/3, mb1 4.3/4,
mb1mx3.8/18, mbtmp3.9/4, ML4.2/1, Error ellipse:
s-maj=60.3km s-min=28.6km az=49.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 12.46 29 Ph P 07 17 35.7 +0.3
PKI Pulchoki 20.97 342 eP P 07 19 19.6 -0.6
DMN Daman 21.10 341 eP P 07 19 21.8 +0.3

IDC 28 07:14:37.5:1.1, 7.6N-0.1, 92.5E, 0.2, h33km, n10,
e054/10, mb4.5/8, Nicobar Islands region

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 12.46 29 Ph P 07 17 35.7 +0.3
PKI Pulchoki 20.97 342 eP P 07 19 19.6 -0.6
DMN Daman 21.10 341 eP P 07 19 21.8 +0.3

ALT Altintas 0.82 135 PG P 07 16 19.7 +0.3
ALY Altintas 0.82 135 PG P 07 16 29.8 +0.3
YALV Yalova 0.92 0 SG Sb 07 16 21.5 +0.4

BJI 28 07:20:49.1, 10.68N-92.86E, h10km, mb5.0, mb4.6, Ms4.4,
Ms2.4
IDC 28 07:20:54.6:0.4, 11.40N-92.81E, mb4.6/24, mb1 4.7/24,
mb1mx4.7/25, mbtmp4.5/24, MS4.0/3, Ms1 4.1/3,
ms1mx3.3/28, Error ellipse: s-maj=23.5km s-min=10.7km
az=52.0

Code Station Name Az AZ Phase ID Time Res
NST Nakhon Sawan 8.36 58 Op P 07 23 00.0 -0.3
CM31 Chiang Mai Arr 9.26 39 Pn P 07 23 12.6 -0.2

MOS 28 07:20:57.9:0.9, 11.40N-92.90E, h33km, mb4.9/25, Error
ellipse: s-maj=14.9km s-min=8.2km az=100.9

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 9.26 39 Pn P 07 23 14.3 +1.6
CMAR 1.7nm,0.3s,baz=293,slow=14,SNR=42
CHG Chiang Mai 9.53 38 P P 07 23 19.7 +3.1

NEIC 28 07:20:59.3:0.4, 11.39N-92.88E, h30km, mb4.8/22, Error
ellipse: s-maj=12.7km s-min=9.6km az=87.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 9.26 39 Pn P 07 23 14.3 +1.6
CMAR 1.7nm,0.3s,baz=293,slow=14,SNR=42
CHG Chiang Mai 9.53 38 P P 07 23 19.7 +3.1

SYO 28 07:20:59.4, 11.38N-92.91E, h30km, MB4.9,
IDC 28 07:20:58.9:1.1, 11.34N-0.04, 92.77E, 0.04, h43km, 9km,
h22km, 5.2km, pP-P, n142, e114/129, mb4.7/62, MS4.1/6,
8C-4D, Andaman Islands region

Code Station Name Az AZ Phase ID Time Res
NST Nakhon Sawan 8.36 58 Op P 07 23 00.0 -0.3
CM31 Chiang Mai Arr 9.26 39 Pn P 07 23 12.6 -0.2

CSEM 28 07:16:02.7:0.2, 39.62N-29.36E, h20km, MD2.7, Error
ellipse: s-maj=5.8km s-min=3.8km az=41.0

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 12.46 29 Ph P 07 17 35.7 +0.3
PKI Pulchoki 20.97 342 eP P 07 19 19.6 -0.6
DMN Daman 21.10 341 eP P 07 19 21.8 +0.3

ISK 28 07:16:03.0:0.39, 60.29S-25E, h24km, MD2.7,
IDC 28 07:16:03.0:0.39, 60.29S-25E, h24km, MD2.7,
n12, e074/16, Turkey

Code Station Name Az AZ Phase ID Time Res
CMAR Chiang Mai Arr 12.46 29 Ph P 07 17 35.7 +0.3
PKI Pulchoki 20.97 342 eP P 07 19 19.6 -0.6
DMN Daman 21.10 341 eP P 07 19 21.8 +0.3

28J 7h

Table with columns: BRG, BJI, Beijing, 35.30, 32, P, AMB, AMB, 07 27 48.8 -3.2. Includes stations like MKAR Makanchi Array, SONM Sogingo Array, ULN Ulanbataar, etc.

2004 DEC

Table with columns: BRG, Bergiesshubel, 74.25, 320, P, P, 07 32 33.7 +0.4. Includes stations like GERS GERS Array, KHC Kasperske Hory, LBTB Lobatse, etc.

984

Table with columns: DMN Daman, 20.11, 337, eP, P, 07 36 38.8 -6.2. Includes stations like GKN Kakan, KKK Gorsha, KOLN Koldanda, etc.

IDC 28 07 24:26.8:1.2, 7.18N:91.12E, mb3.9/4, mb1 4.2/5, mb1mx3.8/18, mbtmp4.0/5, ML4.5/1, Error ellipse: s-maj=61.8km s-min=25.0km az=41.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrunguma Arr, etc.

IDC 28 07 31:42.2: 1.1, 7.07N:93.56E, mb4.3/11, mb1 4.4/11, mb1mx4.2/20, mbtmp4.2/11, Error ellipse: s-maj=53.8km s-min=18.9km az=53.0

IDC 28 07 31:45.6: 1.1, 7.1N:0.2:93.6E:0.3, h33km, n12, o34/11, mb4.2/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, WRA Warrunguma Arr, etc.

IDC 28 07 32:08.1: 0.6, 9.19N:93.91E, mb4.5/15, mb1 4.5/15, mb1mx4.5/20, mbtmp4.5/15, MS3.5/3, Ms1 3/6, ms1mx3.1/23, Error ellipse: s-maj=28.2km s-min=17.8km az=59.0

MOS 28 07 32:09.9: 2.5, 9.76N:94.77E, h33km, mb5.0/9, Error ellipse: s-maj=41.0km s-min=14.6km az=124.5

IDC 28 07 32:11.3: 0.6, 9.2N:0.1:93.9E:0.1, h33km, n45, o1912/40, mb4.5/24, MS3.8/2, 1C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 28 07 31:15.8: 3.1, 0.57, 37S:173.47E, mb4.2/4, mb1 4.3/4, mb1mx3.9/11, mbtmp4.2/4, Error ellipse: s-maj=575.1km s-min=177.8km az=131.0

IDC 28 07 31:39.0: 7.8, 51.1N:161.6E:0.4, h33km, n8, o056/8, mb4.1/4, North of Macquarie Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mayora Lakes, TUZ Tuapeka, etc.

IDC 28 07 34:45.8: 15.0, 12.68N:143.15E, h305km, n157km, mb3.5/7, mb1 3.6/7, mb1mx3.3/4, 2.1, mbtmp4.7/7, Error ellipse: s-maj=96.6km s-min=32.2km az=74.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CTA Charters Tower, WRA Warrunguma Arr, WRA Warrunguma Arr, etc.

IDC 28 07 39:25.2: 13.0, 3.81N:93.13E, mb3.5/2, mb1 4.0/3, mb1mx3.6/17, mbtmp3.7/3, ML4.4/1, Error ellipse: s-maj=95.9km s-min=51.5km az=84.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrunguma Arr, ASAR Alice Springs, etc.

MAN 28 07 47:08.1, 18.38N:119.98E, h5km, mb5.3, ML4.3, MS4.6, MAN INTENSITY III LAOAG CITY INTENSITY II PASUQUIN ILOCOS NORTE CUBAGAO ILOCOS SUR SINAUI

ILOCOS SUR

NEIC 28 07:47:09.5, 7.6, 18.02N, 120.41E, h17km, 47km, mb4.7/11, Error ellipse: s-maj=23.1km s-min=15.7km az=131.0

4C-7D, Luzon

ABRA Dolores 0.86 144 eP Pn 07 47 27.7 +0.1 APYP Conner 1.12 115 eP Pn 07 47 31.8 -0.4

4C-7D, Luzon

CM31 Chiang Mai Arr 20.15 274 eP P 07 51 47.9 +0.4 CMAR Chiang Mai Arr 20.15 274 P P 07 52 04.8 0.0

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

4C-7D, Luzon

CMAR Chiang Mai Arr 11.01 27 Op P 08 16 24.9 -2.2 SONM Sogingo Array 40.54 13 P P 08 21 22.6 -2.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

KOLN Koldanda

DDI Dehra Dun 39.98 295 eP P 07 54 47.0 +0.5 WRAB Tennant Creek 40.50 159 eP P 07 54 44.6 -6.3

BUI 28 08:19:49.8, 5.80N, 93.30E, h24km, mb5.0, mb4.6, Ms4.6, Msz4.4

MOS 28 08:19:50.2, 1.1, 5.84N, 93.32E, h33km, mb5.1/16, Error ellipse: s-maj=21.1km s-min=9.0km az=124.9

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0

4C-4D, Off west coast of northern Sumatra

CM31 Chiang Mai Arr 13.87 23 Op P 08 23 11.6 +5.2 CM31 Chiang Mai Arr 13.87 23 eP P 08 23 22.0 0











0.9nm,0.4s,mb4.2,baz=333,slow=7.7,SNR=4.2  
**FINES FINESS Array B 74.02 333 P** P 10 09 39.1 -1.0  
 1.2nm,0.6s,mb4.0,baz=117,slow=1.1,SNR=4.1  
**ARCES ARCESS Array B 76.85 341 P** P 10 09 55.8 -0.5  
 0.7nm,0.4s,mb4.4,baz=304,slow=8.1,SNR=6.3  
**GERES GERESS Array B 78.59 319 P** P 10 10 07.6 +1.3  
 0.4nm,0.6s,mb3.5,baz=79,slow=5.0,SNR=3.0

**IDC 28 09:58:42.0,0.7,7.79N-93.40E,h18km,4km,mb3.9/8,mb1.4/1.9,mb1mx3.9/1.8,mbtmp4.0/1.0,Error ellipse: s-maj=30.34km s-min=14.7km az=48.0**  
**ISC 28 10:00:30.0,0.7,7.7N,0.1,93.5E,0.1,h21km,h21km,4km,pp-P,n10,0,072/9,mb4.1/8,Nicobar Islands region**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	11.94	26	Pn	Op	10 01 32.9	+0.3
SOMN	Songino Array	41.47	13	P	P	10 06 27.4	-0.1
WRA	Warramunga Arr	48.73	125	P	P	10 07 26.2	+0.4
WRA	Warramunga Arr	48.73	125	P	P	10 07 32.8	+0.6
BVAR	Borovoye Array	49.24	342	P	P	10 07 27.9	+1.0
ASAR	Alice Springs	50.34	129	P	P	10 07 38.2	+0.0
ASAR	Alice Springs	50.34	129	P	P	10 07 44.3	-0.2
ASAR	Alice Springs	50.34	129	P	P	10 08 58.2	+1.2
KMBO	Kilima Mbogo	56.72	264	P	P	10 08 26.4	+0.9
STKA	Stephens Creek	60.50	133	P	P	10 08 51.1	-0.4
FINES	FINESS Array B	72.53	332	P	P	10 10 06.2	-1.4
FINES	FINESS Array B	72.53	332	P	P	10 10 12.9	-1.1
GERES	GERESS Array B	77.49	318	P	P	10 10 35.3	-0.9
GERES	GERESS Array B	77.49	318	P	P	10 10 41.5	-1.2
PDAR	Pinedale Array	127.51	21	P	PKPdf	10 17 42.8	-2.1

**IDC 28 10:08:03.0,4.0,8.9,31N-93.56E,mb4.0/10,mb1.4/2/10,mb1mx4.0/19,mbtmp4.0/10,Error ellipse: s-maj=46.2km s-min=16.1km az=55.0**  
**ISC 28 10:08:06.5,0.8,9.2N,0.2,93.6E,0.2,h33km,n16,0,058/15,mb4.1/10,Nicobar Islands region**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
GUN	Gumba	19.47	340	Op	P	10 12 38.9	0.0
DMN	Daman	19.97	338	eP	P	10 12 40.8	+1.9
KKN	Kakani	20.07	338	eP	P	10 12 40.0	0.0
GKN	Gorkha	20.51	337	eP	P	10 12 44.6	+0.1
KOLN	Koldanda	20.72	334	eP	P	10 12 47.0	+0.2
SOMN	Songino Array	40.01	13	P	P	10 15 39.0	-0.8
BVAR	Borovoye Array	47.55	341	P	P	10 16 39.9	-0.8
NWAO	Narrogale SRO	47.58	159	P	P	10 16 41.5	+0.2
WRA	Warramunga Arr	49.50	126	P	P	10 16 56.8	+0.6
WRA	Warramunga Arr	49.50	126	P	P	10 17 18.9	+0.7
ASAR	Alice Springs	51.20	130	P	P	10 17 08.8	-0.4
ASAR	Alice Springs	51.20	130	P	P	10 18 24.4	0.0
BRTR	Reskin Array B	61.13	310	P	P	10 18 19.5	-0.6
FINES	FINESS Array B	71.18	332	P	P	10 19 22.0	-2.4
ARCES	ARCESS Array B	76.46	318	P	P	10 19 39.3	+0.1
GERES	GERESS Array B	76.46	318	P	P	10 19 55.5	+0.7
INK	Inukik	95.88	16	eP	P	10 21 31.2	+0.7
TXAR	Lajitas Array	138.24	23	PKP	PKPdf	10 27 29.7	+0.6

**IDC 28 10:20:24.5,0.8,8.52N-92.20E,mb4.2/12,mb1.4/3/13,mb1mx4.3/18,mbtmp4.2/13,ML4/1,MS4.1/5,MS1.4/1/5,ms1mx3.8/24,Error ellipse: s-maj=36.6km s-min=17.7km az=48.0**  
**ISC 28 10:20:28.4,0.6,8.61N,0.0,92.48E,0.0,7,h33km,n43,01508/40,mb4.2/14,MS4.1/4,1C-1D,Nicobar Islands region**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	11.63	32	Pn	Op	10 13 16.0	+0.8
CMAR	Chiang Mai Arr	11.63	32	Pn	S	10 15 23.1	-1.7
CMAR	Chiang Mai Arr	11.63	32	Pn	LR	10 18 41.0	
MDRS	Chennai	12.81	291	eP	P	10 13 32.0	+1.0
HYB	Hyderabad	16.14	304	eP	P	10 14 13.0	-1.6
HYB	Hyderabad	16.14	304	eP	P	10 14 29.0	
SHL	Shillong	16.87	358	eP	P	10 14 33.0	
MNGI	Mangalore	17.87	285	iP	P	10 14 35.2	-1.1
MNGI	Mangalore	17.87	285	iP	S	10 17 39.5	-1.2
GOA	Goa	19.48	292	eP	P	10 15 00.2	+4.7
KAD	Karad	19.80	298	eP	P	10 14 59.3	+0.2
KAD	Karad	19.80	298	eP	P	10 18 11.9	
KPI	Pulchoki	20.01	341	eP	P	10 15 01.5	+0.3
DMN	Daman	20.14	341	eP	P	10 15 02.1	-0.5
GUN	Gumba	20.18	343	eP	P	10 15 02.8	-0.3
KKN	Kakani	20.25	341	eP	P	10 15 03.8	0.0
POO	Pookha	20.60	301	iP	P	10 15 07.0	-0.5
POO	Pookha	20.60	301	iP	P	10 18 40.0	
GKN	Gorkha	20.66	340	eP	P	10 15 07.8	-0.3
KOLN	Koldanda	20.82	337	eP	P	10 15 09.4	-0.3
NDI	New Delhi	24.60	326	eP	P	10 15 46.5	-0.6
NDI	Dehra Dun	25.47	330	eP	P	10 15 57.2	+1.8
KZA	Kyzart	36.64	338	P	P	10 17 35.3	+1.6
KBA	Karagaybulak	37.25	338	P	P	10 17 40.5	+1.7
AML	Almayashu	37.27	337	P	P	10 17 40.6	+1.5
AAK	Ala-Areha	37.40	338	P	P	10 17 41.5	+1.4
CHMS	Chumysh	37.62	339	P	P	10 17 43.0	+1.0
EKS	Erkin-Say	37.69	337	P	P	10 17 44.1	+1.5
USP	Ospenovka	37.94	338	P	P	10 17 45.6	+0.9
SOMN	Songino Array	40.03	14	P	P	10 18 09.0	+0.4
BVAR	Borovoye Array	47.78	342	P	P	10 19 03.4	-1.1
WRA	Warramunga Arr	50.02	125	P	P	10 19 22.3	+0.1
ASAR	Alice Springs	51.65	129	P	P	10 19 34.1	-0.3
ASAR	Alice Springs	51.65	129	P	P	10 20 49.1	+1.2
ASAR	Alice Springs	51.65	129	P	P	10 45 56.2	
KMBO	Kilima Mbogo	55.88	263	P	P	10 20 06.2	+0.5
ASF	Jabal al Afar	56.44	303	LR	LR		

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
BRTR	Reskin Array B	60.71	311	P	P	10 20 37.4	-1.8
AKAS	Malin Array Be	66.56	322	P	P	10 21 14.2	-3.1
FINES	FINESS Array B	71.30	332	P	P	10 21 45.7	-0.7
KAF	Kangasniemi	71.39	333	ep	P	10 21 44.4	-2.5
KEV	Kevo	73.60	341	ep	P	10 21 59.2	-0.7
ARCES	ARCESS Array B	74.02 340 P	P	10 22 02.4	+0.1		
ARCES	ARCESS Array B	74.02 340 P	LR	10 56 53.8			
GERES	GERESS Array B	76.19 318 P	P	10 22 15.2	0.0		
HFS	Hagfors	77.00 330 P	P	10 22 19.1	-0.4		
NB2	NORSAR Subarray B	78.29 331 P	P	10 22 25.3	-1.3		
NOA	NORSAR Array B	78.29 331 P	P	10 22 25.6	-1.0		
NOA	NORSAR Array B	78.29 331 P	LR	11 01 26.9			
ILAR	Eielson Array	89.99 22 P	P	10 23 48.2	+1.1		
YKA	Yellowknife Ar	106.08 130 P	PP	10 28 59.6	-5.3		
PDAR	Pinedale Array	126.06 20 PKP	PKPdf	10 29 26.1	+0.2		
TXAR	Lajitas Array	139.19 22 PKP	PKPdf	10 29 55.2	+2.4		

**IDC 28 10:13:20.6,0.8,5.79N-93.15E,h28km,4km,mb3.9/10,mb1.4/0/11,mb1mx3.9/18,mbtmp4.1/11,ML4.3/1,MS4.2/2,MS1.4/2/2,ms1mx3.4/24,Error ellipse: s-maj=42.9km s-min=14.1km az=49.0**  
**ISC 28 10:13:19.3,0.8,5.7N,0.1,93.1E,0.2,h33km,(h26km,n1,3km,pp-P),n15,0,058/11,mb4.1/10,MS4.3/2,Off west coast of northern Sumatara**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	13.86	24	Pn	Op	10 16 36.4	+0.6
SOMN	Songino Array	43.48	13	P	P	10 21 20.6	-0.4
WRA	Warramunga Arr	47.88	123	P	P	10 21 57.0	+0.5
ASAR	Alice Springs	49.35	128	P	P	10 22 08.2	+0.4
ASAR	Alice Springs	49.35	128	P	P	10 22 16.7	-1.0
BVAR	Borovoye Array	50.34	129	P	P	10 22 17.4	-0.4
BVAR	Borovoye Array	50.34	129	P	P	10 22 25.9	-1.8
PMG	Port Moresby	55.89	105	P	P	10 22 54.6	-2.0
CTA	Charters Tower	58.15	118	LR	LR	10 48 17.6	
STKA	Stephens Creek	59.38	132	P	P	10 23 21.6	+0.5
STKA	Stephens Creek	59.38	132	P	LR	10 51 48.3	
BRTR	Reskin Array B	63.09	312	P	P	10 23 45.2	-0.8
AKAS	Malin Array Be	69.22	322	P	P	10 24 32.5	-2.6
FINES	FINESS Array B	74.14	333	P	P	10 24 53.2	-0.7
FINES	FINESS Array B	74.14	333	P	P	10 25 02.1	-2.1
FINES	FINESS Array B	74.14	333	P	P	10 25 10.6	+0.8
ARCES	ARCESS Array B	76.84 340 P	P	10 25 21.4	+1.2		
GERES	GERESS Array B	76.84 340 P	P	10 25 29.6	-1.0		
PDAR	Pinedale Array	127.51 21 pPKP	P	10 32 35.3			
TXAR	Lajitas Array	141.56 24 pPKP	P	10 32 59.9			

**IDC 28 10:15:05.4,3.2,19.12S-68.92E,mb3.9/4,mb1.4/1/4,mb1mx3.7/17,mbtmp3.9/4,Error ellipse: s-maj=142.5km s-min=28.6km az=41.0**  
**ISC 28 10:15:01.6,2.3,20.0S,0.4,68.2E,0.4,h10km,n6,0,155/2,5,mb3.9/4,Mid-Indian Ridge**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
AGT	Agartala	49.08	28	Op	P	10 23 52.0	+0.7
AGT	Agartala	49.08	28	Op	P	10 23 52.0	
ASAR	Alice Springs	60.67	106	P	P	10 25 15.1	-0.5
WRA	Warramunga Arr	61.13 310 P	P	10 25 23.9	+0.6		
BRTR	Reskin Array B	63.09 312 P	P	10 26 01.6	+1.0		
BVAR	Borovoye Array	67.17 319 P	P	10 26 29.7	-2.0		
YKA	Yellowknife Ar	137.50 22 PKP	PKPdf	10 34 28.4	0.0		

**IDC 28 10:20:07.4,0.9,13.42N-92.91E,h15km,4km,mb3.8/9,mb1.4/0/10,mb1mx3.9/16,mbtmp3.9/10,Error ellipse: s-maj=31.0km s-min=14.8km az=63.0**  
**ISC 28 10:20:05.9,0.8,13.5N,0.1,93.0E,0.1,h17km,h17km,1.2km,pp-P,n12,0,1515/10,mb3.9/9,Andaman Islands region**

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	7.54	48	Pn	Pn	10 21 57.3	-0.6
SOMN	Songino Array	36.02	15	P	P	10 27 08.0	-0.2
SOMN	Songino Array	36.02	15	P	P	10 27 14.0	+0.6
BVAR	Borovoye Array	43.30	340	P	P	10 28 09.2	+0.1
WRA	Warramunga Arr	52.48	128	P	P	10 29 19.2	-1.2









Table with columns for call sign, frequency, power, and other technical details. Includes stations like KSH, HHC, WMQ, BJT, MDJ, VLA, MAJO, ARU, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CN2, TLY, MDJ, VLA, MAJO, ARU, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PMG, AFFS, ARSS, HILLS, CTA, etc.

28d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like HAQS, GAZ, KSHT, EIL, etc.

2004 DEC

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

994

Table with columns for station name, frequency, power, and signal strength. Includes stations like LVZ, KWP, KWP, KWP, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like KTK1, KSP, KATK1, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like Gerfalco, Zocco, Zocco, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like RJF, RJF, RJF, etc.

28d 11h

Table of astronomical observations for 28d 11h, listing stations like MSO, BMO, CHMT, etc., with columns for station name, coordinates, and observation details.

2004 DEC

Table of astronomical observations for 2004 DEC, listing stations like SDCO, SSPA, KSUI, etc., with columns for station name, coordinates, and observation details.

996

Table of astronomical observations for 996, listing stations like ASAR, STKA, GERES, etc., with columns for station name, coordinates, and observation details.







Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Gumba, DMN, KKN, KOLN, SONM, NWAO, WRA, WRA, ASAR, BRTR, MLR, FINES, ARCES, GERES, NOA, ILAR.

ADC 28 12:23:27.91.7.5.42N.94.58E, mb3.8/4, mb1 4.0/4, mb1mx3.8/16, mbtmp3.4/11, Error ellipse: s-maj=75.9km s-min=27.9km az=54.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, SONM, WRA, ASAR, GERES, TXAR.

ADC 28 12:27:27.3.0.9.17.30N.93.02E, mb4.0/7, mb1 4.2/8, mb1mx4.0/17, mbtmp4.0/8, ML4.5/1, Error ellipse: s-maj=30.2km s-min=16.6km az=32.0

ADC 28 12:27:27.2.3.5.17.6N.0.1.93.01E.0.07, h15km, 23km, n16, r130/17, mb3.9/7, IC, Bay of Bengal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CMAR, CHG, NKT, PST, GUN, DMN, KKN, GKN, KOLN, WRA, ASAR, FINES, ARCES, STKA, GERES, NOA.

ADC 28 12:29:54.0.1.0.5.36N.93.29E, mb4.1/10, mb1 4.3/11, mb1mx4.1/20, mbtmp4.1/11, Error ellipse: s-maj=49.0km s-min=17.9km az=51.0

ADC 28 12:29:57.4.0.8.5.4N.0.1.93.4E.0.2, h33km, n12, r0544/11, mb4.1/10, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, SONM, WRA, WRA, STKA, GERES, NOA, MLR, FINES, ARCES, GERES, HFS, TXAR.

CASC 28 12:30:13.2.0.13.27N.89.75W, h34km, 15km, MD3.6, ML4.0

GCG 28 12:30:13.9.13.37N.90.00W, MD3.6, ML3.9

SSS 28 12:30:14.4.13.34N.89.69W, h32km, MD3.0, ML3.3, 3C-10D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Blas, SBL, SNE, RJE, RTR, BOOS, LFRS, LFU, LBU, LBRS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Ceiba, Robledal, San Vicente, Ixpaco, La Nubes, Bellamira, Cacacuatlan, Jato.

ADC 28 12:31:53.5.0.8.7.20N.93.72E, mb4.3/11, mb1 4.4/11, mb1mx4.2/20, mbtmp4.3/11, Error ellipse: s-maj=48.1km s-min=17.4km az=43.0

ADC 28 12:31:56.6.0.7.7.1N.0.2.93.7E.0.2, h33km, n11, r0544/11, mb4.3/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, BVAR, ASAR, ASAR, KMBO, BRTR, IDI, MLR, FINES, ARCES, HFS.

ADC 28 12:35:40.1.2.9.2.34N.95.57E, mb3.9/3, mb1 4.0/4, mb1mx3.7/17, mbtmp3.8/4, ML2.8/1, Error ellipse: s-maj=96.2km s-min=31.8km az=60.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, WRA, SONM, BVAR.

ADC 28 12:42:42.4.10.0.4.28N.96.10E, mb3.4/3, mb1 3.7/3, mb1mx3.5/15, mbtmp3.4/3, Error ellipse: s-maj=368.5km s-min=30.6km az=68.0, Northern Sumatara

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

ADC 28 12:51:56.4.2.4.29.28S.162.22E, mb4.0/3, mb1 4.3/3, mb1mx3.9/8, mbtmp4.0/3, MS3.7/1, MS1 3.7/1, ms1mx2.3/14, Error ellipse: s-maj=285.1km s-min=54.2km az=37.0, Auckland Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MRZ, SFZ, ASAR, WRA, PMG, CMAR, ARCES, FINES.

ADC 28 12:56:30.6.6.5.4.9N.93.88E, mb3.5/3, mb1 3.7/4, mb1mx3.6/17, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=194.4km s-min=30.3km az=73.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, SONM, WRA, ASAR.

ADC 28 12:56:30.6.6.5.4.9N.93.88E, mb3.5/3, mb1 3.8/5, mb1mx3.7/18, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=91.9km s-min=24.5km az=61.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR, SONM, BVAR.

PRU 28 13:01:30.7.0.50.19N.19.10E

WAR 28 13:01:30.6.50.10N.19.18E, h0km, ML2.4, Mining Induced, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Ojcow, Ostrava-Krasne, Niedzica, Niedzica, Likavka, Kolovacko, Vyhne, Dobruska-Polom, Cervencia-Dubn, Ksiaz, Upec, Pruhonice, Kasperke Hory.

BJI 28 13:06:40.0.6.38N.92.94E, h37km, mb5.3, mb4.8, Ms4.6, Ms4.3

MOS 28 13:06:41.5.0.8.6.64N.93.09E, h33km, mb5.2/25, MS4.3/9, Error ellipse: s-maj=14.3km s-min=8.8km az=113.2

ADC 28 13:06:41.9.0.4.6.80N.93.16E, h19km, mb5.0, mb4.5/26, mb1 4.6/26, mb1mx4.5/27, mbtmp4.6/26, MS4.1/4, Ms1 4.1/4, ms1mx3.7/22, Error ellipse: s-maj=20.6km s-min=8.3km az=41.0

NEIC 28 13:06:42.1.0.4.6.70N.93.01E, mb5.0/23, MS4.4/10, Error ellipse: s-maj=9.6km s-min=8.2km az=149.0

SYO 28 13:06:42.1.0.7.0N.93.01E, h20km, MB5.0, MS4.2

HRVD 28 13:06:42.1.1.4.6.73N.93.01E, h23km, 3km, MW4.8/22, Centroid moment Tensor Solution. LP body waves: S8 c9; Mantle waves: s22, c32; Half duration: 0. Moment tensor: Scale 10^19Nm; Mr1.07±.35; Ms0.56±.19; Mw0.51±.21; Mb0.04±.26; Mw1.32±.14; Mw1.1±.29; Best double couple: M1.95±10^16 NP1±10^17, 643°, 133°. NP2±10^16, 68°, 128°. Principal axes: T1.85, Plg52°, Azm300°; N.2, Plg35°, Azm149°; P-.205, Plg15°, Azm49°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ADC 28 13:06:39.9.0.3.6.60N.0.04.92.98E.0.04, h20km, h20km, 3km, pp-P, n154, r1907/158, mb4.9/71, MS4.2/26, 14C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG, CM31, CMAR, CHG, MDRS, NANT, VIS, VIS, VIS, UBT, HYB, HYB, HYB, HYB, BOK, BOK, BLSP, BLSP, Qiongzong, QIZ, QIZ, QIZ, QIZ, KMI, KMI, KMI, KMI, KMI, KAD, KAD, KAD, PKI, POO, POO, DMN, GUN, KKN, BHPL, BHPL, GKN, KOLN, LSA, LSA, LSA, LSA, GYA, GYA, GYA.

ADC 28 13:07:39.9.0.3.6.60N.0.04.92.98E.0.04, h20km, h20km, 3km, pp-P, n154, r1907/158, mb4.9/71, MS4.2/26, 14C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG, CM31, CMAR, CHG, MDRS, NANT, VIS, VIS, VIS, UBT, HYB, HYB, HYB, HYB, BOK, BOK, BLSP, BLSP, Qiongzong, QIZ, QIZ, QIZ, QIZ, KMI, KMI, KMI, KMI, KMI, KAD, KAD, KAD, PKI, POO, POO, DMN, GUN, KKN, BHPL, BHPL, GKN, KOLN, LSA, LSA, LSA, LSA, GYA, GYA, GYA.



IDC 28 13:09:17.7.1.1, 3.68N-94.38E, h35km, mb4.1/10, mb1.4/11, mb1mx4.1/19, mbtmp4.4/11, ML4.9/1, Error ellipse: s-maj=44.7km s-min=15.4km az=50.0

ISC 28 13:09:15.4.0.8, 3.6N.0.1, 94.4E.0.2, h33km, (h37km, 1.4km, pP-P), n12, c067/11, mb4.4/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 28 13:21:26.9.1.5, 3.26N-93.95E, mb3.8/5, mb1.4/0.6, mb1mx3.5/17, mbtmp3.8/6, Error ellipse: s-maj=58.2km s-min=21.8km az=56.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 28 13:24:31.2.12.0, 6.34N-93.29E, mb3.7/2, mb1.3/9/3, mb1mx3.5/17, mbtmp3.6/3, ML3.1/1, Error ellipse: s-maj=302.9km s-min=47.9km az=88.0, Nicobar Islands region

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

IDC 28 13:28:02.7.3.0, 5.49N-94.72E, mb3.5/4, mb1.3/7/4, mb1mx3.6/17, mbtmp3.5/4, Error ellipse: s-maj=122.9km s-min=25.2km az=61.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 28 13:28:46.1.1.2, 6.01N-94.81E, mb3.9/8, mb1.4/1/9, mb1mx3.9/19, mbtmp3.9/8, ML4.4/1, Error ellipse: s-maj=21.5km s-min=5.1km az=54.0

ISC 28 13:28:49.5.0.9, 6.0N.0.1, 94.9E.0.2, h33km, n9, c057/9, mb3.9/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 28 13:31:30.3.4.8, 7.49N-94.36E, mb3.4/3, mb1.3/6/4, mb1mx3.5/17, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=145.6km s-min=28.2km az=76.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, etc.

IDC 28 13:35:01.9.0.9, 8.24N-93.85E, h25km, mb4.0/16, mb1.4/1/17, mb1mx4.1/22, mbtmp4.1/17, ML3.8/1, Error ellipse: s-maj=37.4km s-min=15.9km az=47.0

ISC 28 13:34:60.0.6.8, 8.4N.0.1, 93.9E.0.1, h25km, (h27km, 1.9km, pP-P), n25, c1954/24, mb4.3/18, Nicobar islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, etc.

BVAR Borovoye Array 48.44 341 P P 13 43 41.0 -1.3

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

IDC 28 13:35:03.4.1.2, 3.52N-94.57E, mb4.4/10, mb1.4/5/11, mb1mx4.2/21, mbtmp4.4/11, ML3.8/1, Error ellipse: s-maj=42.1km s-min=26.0km az=41.0

ISC 28 13:35:06.9.1.0, 3.6N.0.2, 94.7E.0.2, h33km, n13, c192/13, mb4.3/12, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 28 13:37:41.1.4.4, 7.61N-95.45E, mb4.0/4, mb1.4/2/4, mb1mx3.5/17, mbtmp4.0/4, Error ellipse: s-maj=314.5km s-min=24.6km az=53.0, Nicobar Islands region

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

CASC 28 13:46:00.6.2.4, 13.34N-91.05W, h15km, 13km, MD3.9, 1C-6D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like IXG Ixpac, JAT Jato, NBT Las Nubes, etc.

IDC 28 13:45:59.6.2.3, 5.37N-96.40E, h9km, 13km, mb4.7/23, mb1.4/8/23, mb1mx4.8/25, mbtmp4.8/23, MS4.3/6, Ms1.4/3/6, ms1mx3.8/20, Error ellipse: s-maj=26.4km s-min=9.7km az=44.0

MOS 28 13:46:01.1.1.1, 5.33N-96.30E, h33km, mb5.2/34, Error ellipse: s-maj=13.8km s-min=7.8km az=128.8

BUI 28 13:46:01.0.4.8, 4N-95.99E, h43km, mb5.2, mb5.0, Ms5.0, Ms2.4

NEIC 28 13:46:02.8.0.4, 5.11N-96.16E, h33km, mb5.1/37, Error ellipse: s-maj=13.2km s-min=10.4km az=52.0

HRVD 28 13:46:02.8.0.3, 5.05N-96.18E, h18km, 1km, MW5.0/54, Centroid moment Tensor Solution, LP body waves: s19c27, Mantle waves: s54, c91, Halp duration: 0 Moment tensor: Scale 10^16Nm; Mr=-1.22e-16; M0=3.13e-13; Mw=4.35e-16; M1=-1.60e-38; M2=1.16e-13; Mw-0.91e-37; Best double couple: M4.41x10^16 N1P1, 146.86, 162.7, 167.1; N2P2, 50.50, 87.9, 129.9; Principal axes: T 4.75, P1g11, Azm101; N -67; P1g59, Azm210; P -4.08, P1g28, Azm57; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

SYO 28 13:46:03.3.5.0, 6N-96.16E, h30km, MB5.1

ISC 28 13:46:01.4.0.2, 5.01N.0.0, 94.96E.0.03, h33km, (h32km, 2.0km, pP-N), n202, c1935/202, mb4.9/86, MS4.7/17, 10C-16D, Northern Sumatra

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SNG Songkhla, NST Nakhon Sawan, UBT Ubbonrachathani, etc.





28d 14h

Table with columns: CLNS, Chul'man, 52.55 21 eP, P, 14 17 52.0 -2.5, etc. Lists various astronomical observations with station names and coordinates.

2004 DEC

Table with columns: KEV, Kevo, 72.15 340 ep, P, 14 20 03.2 -1.7, etc. Lists astronomical observations with station names and coordinates.

1004

Table with columns: TXAR, comp=Z, 0.8nm, 0.7s, baz=18, slow=4.0, SNR=5.3, etc. Lists astronomical observations with station names and coordinates.

NEIC 28 14:11:27.4, 18.02N-100.48W, h60km, MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists astronomical observations with station names and coordinates.

IDC 28 14:12:46.9, 6.1, 17.82N-93.29E, h41km, 54km, mb3.7/6, etc.

ISC 28 14:12:44.6, 4.5, 17.82N-0.2, 93.3E, 0.2, h39km, 39km, n9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists astronomical observations with station names and coordinates.

IDC 28 14:17:07.6, 0.9, 12.23N-93.58E, mb4.0/8, mb1.4/2/9, etc.

ISC 28 14:17:11.1, 1.0, 8, 12.3N, 0.1, 93.8E, 0.1, h33km, n16, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists astronomical observations with station names and coordinates.

BJI 28 14:30:36.9, 4.22N:95.12E, h47km, mb5.1, mb5.1, Ms4.7, etc.

MOS 28 14:30:38.8, 1.3, 4.71N-95.26E, h33km, mb5.3/22, etc.

NEIC 28 14:30:42.3, 0.5, 4.69N-95.26E, mb5.2/28, MS4.2/9, Error ellipse: s-maj=13.0km, s-min=10.7km, az=190.0

IDC 28 14:30:42.5, 0.4, 4.57N-95.22E, h55km, 3km, mb4.4/27, etc.

SYO 28 14:30:42.2, 4.69N:95.26E, h47km, MB5.2, MS4.1, etc.

HRVD 28 14:30:42.3, 0.4, 4.49N:95.06E, h46km, 2km, MW5.0/52, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists astronomical observations with station names and coordinates.









28d 15h

Table of astronomical observations for 28d 15h, listing station names, coordinates, and observation details.

2004 DEC

Main table of astronomical observations for 2004 DEC, listing station names, coordinates, and observation details.

1008

Table of astronomical observations for 1008, listing station names, coordinates, and observation details.

Table with columns: YKA, ILAR, SONM, SONGINGO ARR, etc. Includes station names, coordinates, and time/res data.

IDC 28 15:20:27.8 1.2, 7.20N-93.00E, mb3.8/6, mb1 4.0/7, mb1mx3.9/17, mbtmt3.8/7, ML4.0/1, Error ellipse: s-maj=46.2km s-min=21.8km az=50.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CMAR, PKM, DANI, etc.

IDC 28 15:27:18.9 3.5, 12.54N-93.19E, mb3.4/3, mb1 3.5/4, mb1mx3.4/17, mbtmt3.4/17, ML2.9/1, Error ellipse: s-maj=95.1km s-min=28.5km az=82.0, Andaman Islands region

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

IDC 28 15:28:23.3 1.7, 6.85N-92.62E, h38km, 6km, mb3.6/4, mb1 3.9/5, mb1mx3.6/17, mbtmt3.6/5, ML4.2/1, MS4.1/2, MS1 4.0/2, m1mx3.3/22, Error ellipse: s-maj=54.1km s-min=19.9km az=66.0, Nicobar Islands region

IDC 28 15:28:22.2 1.1, 6.74N-92.8E, 0.2, h38km, 1.8km, pp-P, n13, c1908/11, mb4.1/6, MS4.1/2, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CMAR, IMP, PKI, DMN, etc.

JMA 28 15:28:50.5 1.0, 38.83N-104.141.64E, 0.10, h74km, 1km, M3.5 Broadband fault plane solution: P waves, M1, 24°, 82°1', 131°1', NP2, 161°, 87°, 76°. Principal axes: T P158°, Azm52°; N P14°, Azm165°; P P128°, Azm262°; JMA Felt I J1.

IDC 28 15:28:50.5 1.0, 38.83N-104.141.64E, 0.10, h74km, 1km, n13, c0536/23, 7C, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like OFLU, JMK, JIO, etc.

IDC 28 15:31:15.4 3.5, 11.87N-92.77E, mb3.8/3, mb1 4.0/4, mb1mx3.7/17, mbtmt3.7/4, Error ellipse: s-maj=96.7km s-min=27.9km az=81.0, Andaman Islands region

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

IDC 28 15:32:09.6 0.9, 36.16N-0.05:71.0E:0.1, h161km, 26km, n18, c0563/22, Hindu Kush region

Table with columns: AML, UCH, KZA, SDNR, EKS, AAK, KBK, ULHL, CHMS, USP, TKMK, etc. Includes station names, coordinates, and time/res data.

IDC 28 15:35:43.5 1.2, 5.28N-92.60E, mb3.6/6, mb1 3.8/6, mb1mx3.7/17, mbtmt3.6/6, Error ellipse: s-maj=55.1km s-min=21.6km az=47.0, Off west coast of northern Sumatra

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

IDC 28 15:37:54.8 1.2, 37.05N-28.35E, mb4.2/6, mb1 4.3/11, mb1mx4.0/23, mbtmt4.2/11, ML4.0/4, Error ellipse: s-maj=20.8km s-min=19.2km az=135.0, NEIC 28 15:37:55.9, 37.08N-28.23E, h20km, mb4.3/20, MD3.7(A7H), ML3.9(NIC), After PGC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DALT, MLSB, BDRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AYDN, FETY, ARG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like IZM, KDAQ, KHL, etc.

IDC 28 15:40:22.7 13.0, 18.54S-177.98W, h665km, 188km, mb3.3/6, mb1 3.6/6, mb1mx3.3/15, mbtmt4.6/0, Error ellipse: s-maj=64.6km s-min=32.2km az=80.0, Fiji Islands region

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

IDC 28 15:40:44.0, 60.98N-138.33W, h1km, mb3.9/2, ML4.0(PGC), ML3.8(AEIC), After PGC. PGC 28 15:40:44.1, 60.98N-138.33W, h1km, ML4.0/3, St. Elias Mountains, Yukon Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HYT, PNL, WHY, etc.

Table with columns: ASF, EIL, EIL, EIL, EIL, EIL, GERES, SBF, MBDF, LPL, LPL, ORIF, CABF, CDF, VWF, HAU, LAZF, SMF, MTLF, SSF, AVF, BAIF, RJF, EPF, ETSF, MFF, LDF, GRR, FINES, HAF, KAF, ESDC, QUIF, ROSF, NOA, ARCES, etc. Includes station names, coordinates, and time/res data.

IDC 28 15:39:25.6 1.3, 6.11N-92.80E, mb3.7/5, mb1 4.0/5, mb1mx3.8/16, mbtmt3.7/5, Error ellipse: s-maj=63.6km s-min=24.8km az=44.0, Nicobar Islands region

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

IDC 28 15:40:22.7 13.0, 18.54S-177.98W, h665km, 188km, mb3.3/6, mb1 3.6/6, mb1mx3.3/15, mbtmt4.6/0, Error ellipse: s-maj=64.6km s-min=32.2km az=80.0, Fiji Islands region

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

IDC 28 15:40:44.0, 60.98N-138.33W, h1km, mb3.9/2, ML4.0(PGC), ML3.8(AEIC), After PGC. PGC 28 15:40:44.1, 60.98N-138.33W, h1km, ML4.0/3, St. Elias Mountains, Yukon Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HYT, PNL, WHY, etc.











Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GERES, RUE, KASPER, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ANM, ETSF, SYO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JFWS, ISCO, PV10, etc.







1.1nm,1.0s,baz=106,slow=9.0,SNR=3.5
GERES GERRS Array B 78.25 319 P P 19 16 03.4 -0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for JMA, JTH, JTB, JANG, MIYJ, KJZ, JOM, JTM, OFUJ, JAH, JMH, JMK, MAT.

IDC 28 19:15:16.4,1.4,5.56N-93.30E,mb3.8/7,mb1 4.0/7,
mb1mx3.7/17,mbtpp3.8/7,Error ellipse: s-maj=72.2km
s-min=21.6km az=52.0, Off west coast of northern
Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, WRA, ASAR, BVAR, FINES, ARCES, GERES.

IDC 28 19:19:36.8-4.1,10.33N-91.97E,mb3.9/3,mb3 4.1/4,
mb1mx3.7/17,mbtpp3.8/7,ML3.9/1,Error ellipse:
s-maj=111.8km s-min=28.8km az=81.0,Andaman
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, WRA, ASAR.

IDC 28 19:21:58.5-0.9,6.46N-93.24E,mb4.3/13,mb1 4.4/13,
mb1mx4.3/19,mbtpp4.3/13,Error ellipse: s-maj=45.8km
s-min=19.6km az=44.0

MOS 28 19:22:06.0,1.4,7.32N,93.01E,h33km,mb4.9/10,Error
ellipse: s-maj=37.9km s-min=15.7km az=111.3

IDC 28 19:22:01.4,0.6,36N-0.09,93.36E,0.09,h33km,n51,
c112/50,mb4.6/29,3C-ID,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, CHG, NANT, HYB, SHL, PKI, DMN, GUN, KKN, GKN, KOLN, KZA, UCH, MBK, AAK, AAK, CHMS, EK2S, USP, SONM, SONM, WRA, WRAB, NVS, NVS, NVS, NVS, ASAR, BVAR, BOD, GNI, ZEI, ZEI, ARU, ARU, ARU, KIV, YSS, YAK, YAK, BRTR.

OBN Obninsk 66.25 328 eP P 19 32 45.5 -2.8
OBN comp=Z,39nm,1.9s,mb5.1 pmax pmax

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for AKASO, TIXI, SUW, FINES, KAF, KAF, ARCES, KSC, GERES, KHC, NOA, DAVOX, LSG, ULM, PDAR.

IDC 28 19:24:25.3-1.3,6.83N-92.79E,mb3.7/4,mb1 4.0/5,
mb1mx3.7/17,mbtpp3.8/5,MS3.6/1,Ms1 3.6/1,
s-maj=24.9km az=47.0,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, WRA, ASAR, ASAR, FINES, GERES.

IDC 28 19:28:28.0-1.0,4.51N-93.25E,mb3.9/8,mb1 4.0/9,
mb1mx3.9/18,mbtpp3.8/9,ML3.6/1,Error ellipse:
s-maj=46.9km s-min=19.5km az=50.0,Off west coast of
northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, WRA, ASAR, BVAR, BRTR, FINES, ARCES, GERES, NVAR.

IDC 28 19:33:43.9-1.8,5.62N-93.32E,mb3.5/4,mb1 3.7/4,
mb1mx3.6/16,mbtpp3.5/4,Error ellipse: s-maj=75.1km
s-min=27.3km az=55.0, Off west coast of northern
Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, WRA, ASAR, GERES.

IDC 28 19:42:00.0-6.6,3.22N-92.93E,mb3.6/2,mb1 3.9/3,
mb1mx3.5/17,mbtpp3.6/3,Error ellipse:
s-maj=186.0km s-min=36.8km az=72.0,Off west coast
of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, WRA.

IDC 28 19:48:13.4,1.3,8.71N-93.38E,mb3.9/5,mb1 4.0/6,
mb1mx3.7/17,mbtpp3.8/6,ML3.1/1,Error ellipse:
s-maj=54.2km s-min=27.8km az=43.0

IDC 28 19:48:16.8-1.1,8.9N-0.1,93.5E-0.2,h33km,n12,
c150/12,mb3.9/5,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, PKI, DMN, GUN, KKN, GKN, KOLN, WRA, BRTR, FINES, ARCES, GERES.

IDC 28 19:48:26.8-12.0,14.65N-91.01W,mb3.7/3,mb1 4.0/4,
mb1mx3.5/19,mbtpp3.6/4,ML4.1/1,Error ellipse:
s-maj=254.2km s-min=101.1km az=6.0

CASC 28 19:48:34.5-2.2,14.27N-91.82W,h78km-23km,MD4.1,
ML4.2

IDC 28 19:48:33.5-1.0,14.2N-0.1x91.92W-0.07,h70km-7km,n21,
c056/32,mb3.5/3,12C-ID,Guatemala

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

JAT Jato 0.30 631 eP P 19 48 44.2 -0.6
JAT eS S 19 48 53.8 +0.6
TP2 Tecpan 2.105 551 eP S 19 48 53.1 +0.2
TP2 eS S 19 48 06.8 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for TP2, IXG, IXG, NBG, RBDL, RTR, SBL, SBL, SBL, MTO, MTO, BOQS, BOQS, PICP, LFLU, LFLU, LBR, LFRS, LFRS, LCBS, LFB, SNVI, SNVI, VSM, TXAR.

comp=E,0.1nm,0.3s,baz=153,slow=11,SNR=10
ANMO Albuquerque 24.49 330 P P 19 53 46.7 +1.3

comp=E,0.4nm,0.5s,mb3,baz=130,slow=14,SNR=3.3
NVAR Mina Array Bz 35.38 321 P P 19 55 11.3 +2.4

comp=E,1.2nm,0.6s,mb3.9,baz=124,slow=9.1,SNR=5.5
YKA Yellowknife Ar 50.87 347 P P 19 57 26.8 -2.2

IDC 28 19:49:15.2,0.7,12.69N-93.76E,mb4.3/10,mb1 4.4/11,
mb1mx4.2/18,mbtpp4.3/11,ML4.0/1,Error ellipse:
s-maj=28.5km s-min=14.9km az=58.0

IDC 28 19:49:18.3-0.7,12.63N-0.08,93.7E-0.1,h33km,n15,
c072/12,mb4.4/10,Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CMAR, SONM, NVAR, WRA, WRA, BRTR, STKA, FINES, ARCES, ILAR, PDAR, NVAR, TXAR, BDFB.

DHMR 28 19:55:10.9-2.7,9.40N-93.69E,h5km,mb5.3
IDC 28 19:55:10.6-0.9,5.1N-93.82E,h21km-18km,mb4.9/24,
mb1 5.0/24,mb1mx5.0/24,mbtpp5.0/24,MS4.4/16,
Ms1 4.4/16,ms1mx4.2/27,Error ellipse: s-maj=21.2km
s-min=10.7km az=52.0

MOS 28 19:55:11.3-0.9,9.60N-93.62E,h33km,mb5.6/59,
MS4.4/20,Error ellipse: s-maj=9.7km s-min=4.6km
az=124.4

NEIC 28 19:55:11.8-0.2,9.49N-93.70E,h30km,mb5.4/62,
MS4.3/20,Error ellipse: s-maj=7.4km s-min=5.8km
az=206.0

BJJ 28 19:55:11.3,9.24N-93.39E,h50km,mb5.4,mb5.1,Ms4.8,
Ms2.7

SYO 28 19:55:11.8,9.49N-93.72E,h30km,MB5.4,MS4.3
HRVD 28 19:55:11.8-0.2,9.44N-93.76E,h12km,MM5.2/61,
Centroid moment Tensor Solution. LP body waves:
s42,c64,Mantle waves: s61,c125; Half duration: 0
Mmo35t=12; Mmo5.97z=13; Mmo7.4z=46; Mmo1.03z=11;
Mmo-1.91z=35; Best double couple: M6.56x10^16 NP1:
o199,0.638,lambda-76; NP2o11,0.654,lambda-101; Principal
axes: T6.4,Plg8, Azm99; N.33,Plg8; Azm8; P-6.72,
Plg78; Azm231; nsta1 refers to body waves,
cutoff=0s; nsta2 refers to surface waves, cutoff=50s.

CSEM 28 19:55:12.3,10.10N-94.06E,h33km,mb5.5
IDC 28 19:55:09.1-0.2,9.41N-0.03,93.74E-0.03,h23km,
h23km,9km;pp-P,n413,c112/400,mb5.3/109,MS4.5/49,
14C-54D,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for NNT, SNG, NST, CM31, CMAR, CMAR, CMAR, CHG, NANT, UBT, VIS, MDRS, AGT, KOD, BOK, BOK, SHL, SHL, SHL, TRD, TRD, HYB, HYB, HYB, HYB, HYB.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOC, AYUS, MKRU, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FINES, KAF, KAF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DAVOX, DAVOX, CODM, etc.









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MALT Malatya, BDAS Al Bad', HAIGS Haql, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, UCH Uchtor, KBL Karagaybulak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATKA Atka Island, GKTR Great Sitkin T, IGIT Ingiti Island, etc.

IDC 28:20:50:40.5-1.0, 8.59N-92.63E, mb4.0/7, mb1 4.3/7, mb1mx4.0/18, mbtmp4.0/7, MS4.7/1, Ms1 4.7/1, ms1mx3.1/30, Error ellipse: s-maj=9.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTA Gaotai, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKZ Chkalovo, MZLS Mals 294, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AUL Augustine Lava, TUI Talalina, RSO Redoubt South, etc.

IDC 28:20:54:34.3-0.8, 12.86N-92.29E, mb4.0/11, mb1 4.2/11, mb1mx4.1/18, mbtmp4.0/11, Error ellipse: s-maj=43.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARU Arti, KIV Kislovodsk, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCK McKinley, MCK McKinley, EYAK Cordova Ski Ar, etc.

IDC 28:20:58:30.1-0.5, 9.14N-93.76E, mb4.4/24, mb1 4.5/24, mb1mx4.5/29, mbtmp4.4/24, MS3.5/1, Ms1 3.7/1, ms1mx3.0/29, Error ellipse: s-maj=24.4km s-min=11.7km

NEIC 28:20:58:33.8-1.1, 9.21N-94.03E, h30km, mb4.7/13, Error ellipse: s-maj=28.7km s-min=16.2km az=109.0

BUI 28:20:58:35.2, 8.83N-93.51E, h60km, mb5.2, mb4.5

ISC 28:20:58:33.0-0.4, 9.08N-100.06E-93.79E, 0.07, h33km, n77, s1505/76, mb4.6/42, 1C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SHL Shillong, HYB Hyderabad, etc.

ORF 28:21:07:12.0, 52.97N-173.20W, h30km, mb5.6

BUI 28:21:07:33.3, 53.35N-173.92W, h241km, mb4.9, mb5.0

MOS 28:21:07:34.8-1.0, 53.27N-173.68W, h248km, mb5.3/101, MS4.5/5, Error ellipse: s-maj=7.7km s-min=4.1km az=88.1

SYO 28:21:07:35.8, 53.28N-173.83W, h251km, MB5.4

NEIC 28:21:07:36.2-0.1, 53.22N-173.80W, mb5.3/158, MW5.8, Error ellipse: s-maj=4.1km s-min=2.4km az=186.0

Moment Tensor Solution. s31 Moment tensor: Scale 1017 Nm; Mn=0.43; Mw=2.91; Ms=2.48; Mz=3.38; Mb=3.11; Mw=1.93; Best double couple: Ms=7.1017, NP1=204°, 347°, 1.6°; NP2=110°, 886°, 1.137°. Principal axes: T 5.91, P132°, Azm57°; N -49, P147°, Azm285°; P -8.42, P125°, Azm165°

HRVD 28:21:07:36.2-0.2, 53.18N-173.79W, h258km, 1km, MW5.8/74, Centroid moment Tensor Solution. LF body waves: s68, c137, Mantle waves: s74, c157; Half duration: 2s 0 Moment tensor: Scale 1017Nm; Mn=0.11±0.07; Mw=3.36±0.10; Ms=3.24±0.08; Mz=3.00±0.08; Mb=2.88±0.07; Mw=2.09±0.08; Best double couple: M6.48x1017 NP1: 205°, 643°, 1.1°; NP2: 114°, 889°, 1.133°. Principal axes: T 6.33, P132°, Azm57°; N -1, P143°, Azm294°; P -8.44, P125°, Azm170°; nst1 refers to body waves, nst2 refers to surface waves; cutoff=50s.

IDC 28:21:07:36.0-0.5, 53.27N-173.89W, h257km, 4km, mb4.9/33, mb1 5.1/35, mb1mx5.1/37, mbtmp5.6/35 Error ellipse: s-maj=8.1km s-min=5.5km az=168.0

ISC 28:21:07:36.0-0.2, 53.19N-103.173.76W-0.03, h263km, 2km, h259km, 2.3km, p-P, N664, s1802/660, mb5.2/209, 24C-7D, Andean/O3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMR Palmer, SML Sawmill, IMA Indian Mountain, etc.

Table of astronomical observations for 28d 21h, listing stations like TXCI, OBC, OCWA, YKA, YKA, YKA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2004 DEC, listing stations like TRCR, SPUT, DAC, DAC, DAC, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1024, listing stations like SCHQ, SLM, SLM, SLM, etc., with columns for station name, coordinates, and observation details.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KZA, NWAOW, UCH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LJU, VOY, ROB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR, BRTR, FINE, etc.

28d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAVOX Davos, LPGA La Plagne, DRV Dumont d'Urville, etc.

IDC 28 21:34:28.17, 0.7, 4.7N, 94.03E, mb3.9/2, mb1 4.0/3, mb1mx3.6/17, mbtmp4.2/13, ML4.3/1, Error ellipse: s-maj=156.4km s-min=56.2km az=147.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, BRTR Keskin Array B, FINES FINESS Array B, etc.

IDC 28 21:39:41.7, 0.8, 0.42N, 96.89E, mb4.3/12, mb1 4.4/13, mb1mx4.2/19, mbtmp4.2/13, ML4.3/1, Error ellipse: s-maj=40.7km s-min=15.1km az=47.0, Sumatra

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

IDC 28 21:39:45.1, 0.8, 0.5N, 97.0E, 0.2, h33km, n14, 0.851/13, mb4.2/12, Off west coast of northern Sumatra

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

IDC 28 21:47:25.3, 0.4, 8.97N, 93.78E, mb5.0/25, mb1 5.1/25, mb1mx5.1/25, mbtmp5.0/25, ML4.3/1, MS4.8/17, Ms1 4.8/17, mb1mx4.6/27, Error ellipse: s-maj=19.4km s-min=10.4km az=50.0, NEIC 28 21:47:27.4, 2.9, 8.96N, 93.77E, h13km, 17km, mb5.4/52, MS4.8/27, Error ellipse: s-maj=6.6km s-min=5.3km az=217.0, HRVD 28 21:47:27.4, 0.2, 9.06N, 93.78E, h12km, MW5.4/63, Centroid moment Tensor Solution. LP body waves: s43,c73, Mantle waves: s63,c129; Half duration: 1.92 Moment tensor: Scale 10^17Nm; Mw-1.02; 02; Ms-0.25; 02; Ms1.34; 02; Ms0.50; 07; Ms0.05; 02; Ms-0.61; 06; Best double couple: Ms1.5x10^17 NPT; phi=205; delta=7; lambda=49; NP2=0.338; delta=3; lambda=116; Principal axes: T 1.49, P1g14, Azm87; N 0.2, P1g23, Azm351; P -1.51, P1g62, Azm205; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. BUJ 28 21:47:27.4, 8.77N, 93.46E, h300km, mb5.3, mb4.9, MS5.3, Ms2.5

SYO 28 21:47:27.5, 8.96N, 93.77E, h14km, MB5.4, MS4.8, MOS 28 21:47:30.5, 1.0, 9.25N, 93.59E, h33km, mb5.6/53, MS4.9/27, Error ellipse: s-maj=9.5km s-min=5.0km az=121.0, CSEM 28 21:47:33.8, 8.96N, 93.53E, h33km, mb5.6, ISC 28 21:47:27.1, 0.2, 8.86N, 0.03, 93.76E, 0.03, h23km, h23km, 2, 2, nicobar pp-P, n368, s1912/349, mb5.3/103, MS4.9/61, 15C-16D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CHG Chiang Mai, NANT Nant, etc.

IDC 28 21:42:48.7, 0.6, 8.87N, 93.65E, mb4.4/17, mb1 4.5/17, mb1mx4.4/21, mbtmp4.3/17, Error ellipse: s-maj=32.0km s-min=13.5km az=52.0, ISC 28 21:42:52.3, 0.5, 8.95N, 0.09, 93.86E, 0.09, h33km, n50, 0.854/45, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 28 21:42:52.3, 0.5, 8.95N, 0.09, 93.86E, 0.09, h33km, n50, 0.854/45, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 28 21:42:52.3, 0.5, 8.95N, 0.09, 93.86E, 0.09, h33km, n50, 0.854/45, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 28 21:42:52.3, 0.5, 8.95N, 0.09, 93.86E, 0.09, h33km, n50, 0.854/45, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 28 21:42:52.3, 0.5, 8.95N, 0.09, 93.86E, 0.09, h33km, n50, 0.854/45, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

2004 DEC

Table with columns: MZLS Mizel, KAMS AI Khamasin, WRA Warramunga Arr, etc.

Table with columns: WRA Warramunga Arr, AFFS Affe, ASAR Alice Springs, etc.

Table with columns: HILLS Ha'il, PMG Port Moresby, QURS Qurayyat Al Mil, etc.

Table with columns: KMBLO Kilima Mbogo, JMOS Jabal Moqreh, BDAS Al Bad', etc.

Table with columns: KOLS Kolonic sedl, FINES FINESS Array B, KAF Kaganaiemi, etc.

Table with columns: KRVS Cervenica-Dubn, KECS Kevoco, OJC Ojoc, etc.

Table with columns: SRO Srobarova, ARCES ARCES Array B, ZST Bratislava, etc.

Table with columns: GERES GERES Array B, NB2 NORSA Subara, NOA NORSA Array B, etc.

Table with columns: EKA Eskdalemuir Arr, ESDC Sonseca Array, ILAR Eielson Array, etc.

Table with columns: INK Inuvik, ULM Lac du Bonnet, NVAR Mira Array Be, etc.

Table with columns: PDAR Pinadad Array, TXAR Lajitas Array, LPAZ La Paz, etc.

Table with columns: ARCES ARCES Array B, LPAZ La Paz, IDC 28 21:47:25.3, 0.4, 8.97N, 93.78E, etc.

Table with columns: SYO 28 21:47:27.5, 8.96N, 93.77E, MOS 28 21:47:30.5, 1.0, 9.25N, 93.59E, etc.

Table with columns: CSEM 28 21:47:33.8, 8.96N, 93.53E, ISC 28 21:47:27.1, 0.2, 8.86N, 0.03, 93.76E, etc.

1028

Table with columns: DMN Daman, KKN Kakani, GOA Goa, etc.

Table with columns: GOA Goa, KAD Karad, LSA Lhasa, etc.

Table with columns: LSA Lhasa, GKN Gorikha, KOLN Koldanda, etc.

Table with columns: COCO West Island, BHPL Bhopal, BHPL Bhopal, etc.

Table with columns: BHPL Bhopal, GYA Guiyang, GYA Guiyang, etc.

Table with columns: GYA Guiyang, BOM Bombay, BOM Bombay, etc.

Table with columns: GZH Guangzhou, GZH Guangzhou, CD2 Chengdu, etc.

Table with columns: CD2 Chengdu, PTH Pithoragarh, PTH Pithoragarh, etc.

Table with columns: NDJ New Delhi, NDJ New Delhi, NDJ New Delhi, etc.

Table with columns: AJM Ajmer, ENH Enshi, ENH Enshi, etc.

Table with columns: DDJ Dehra Dun, DDJ Dehra Dun, DDJ Dehra Dun, etc.

Table with columns: SDNR Sundarnagar, QZH Qanzhou, QZH Qanzhou, etc.

Table with columns: LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: DLH Dalhousie, THN Thun, THN Thun, etc.







Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BVAR Borovoye Array, BRVK Borovoye, AFFS 'Afif', etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PSZ Piszkesteto, OJC Ojcow, VYHS Vyrine, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR Jajiras Array, JCT Junction City, LPAZ La Paz, etc.











Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like ZEI, UMJS, PMG, KIV, QURS, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like NOA, CLZ, BSEG, etc.

BUJ 28 23:39:58.0, 10.92N-92.09E, h36km, mb5.3, mb4.9, Ms4.8, Ms2.5
MOS 28 23:39:59.1+1.1, 11.09N-92.11E, h33km, mb5.3/28, Error ellipse: s-maj=13.8km s-min=7.2km az=110.0
NEIC 28 23:39:59.4+0.3, 11.08N-92.12E, mb5.2/28, Error ellipse: s-maj=9.9km s-min=6.5km az=92.0

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like NST, CM31, CMAR, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like DDI, SDNR, ENH, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like NWA0 Narrogin (SRO), NWA0 Hills, NWA0 TI2, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like BRG Bilbino, BRG Berggiesshubel, BRG Colim, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like GTA Gata, KSH Kashi, SSE Sheshan, etc.

29d 0h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Vanda, PDAR, NVAR, TXAR, TXAR, LPAZ, LPAZ.

IDC 28:23:59:28.0-6.8, 14.74N-95.34E, mb3.6/2, mb1 3.8/3, mb1mx3.4/18, mbtmt3.5/3, ML3.7/1, MS2.9/1, Ms1 3.1/1, s-min=43.8km az=101.0, Andaman Islands region

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

IDC 29:00:01:04.4:1.9, 9.30N-92.94E, mb3.7/5, mb1 3.8/5, mb1mx3.6/17, mbtmt3.7/5, Error ellipse: s-maj=84.9km s-min=23.4km az=58.0, Nicobar Islands region

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

IDC 29:00:06:34.1:5.0, 6.75N-91.71E, mb3.5/3, mb1 3.8/4, mb1mx3.5/17, mbtmt3.5/4, ML3.6/1, Error ellipse: s-maj=145.3km s-min=30.3km az=76.0, Nicobar Islands region

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

IDC 29:00:10:29.4:1.5, 13.64N-93.64E, mb3.7/4, mb1 3.9/5, mb1mx3.7/17, mbtmt3.8/5, ML4.2/1, Error ellipse: s-maj=34.4km s-min=29.8km az=51.0

IDC 29:00:10:29.2:1.4, 13.9N.01-93.19E.0.08, h33km, n11, 0584/12, mb3.8/4, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, ASAR, FINES, GERES.

NEIC 29:00:14:23.0:2.0, 20.22S-177.89W, h400km, mb4.4/10, Error ellipse: s-maj=20.4km s-min=20.0km az=194.0

IDC 29:00:14:37.7:2.0, 20.29S-178.27W, h558km, 300km, mb3.5/11, mb1 3.8/11, mb1mx3.7/15, mbtmt4.5/11, Error ellipse: s-maj=20.6km s-min=14.2km az=161.0

IDC 29:00:14:33.1:2.8, 20.4S.0.1, 178.3W.0.1, h516km, 322km, n46, 0103/26, mb4.1/18, 2D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ, CTA, PMG, STKA, ASAR, WRA, MBWA, VDA, VDA, NWAO, QSPA, NVAR, ENH, MCK, TXAR, COLA, ILAR, VNA3, PDAR, CMAR, BVAR, ARU.

2005 DEC

Table with columns: FINES, FINESS Array B, HFS, HFS, AKASG, MALT, KWP, ASF, BRTR, KOLS, BRG, VYHS, VYHS, VYHS, VYHS, VYHS, SMOL, SMOL, SMOL, SMOL, KHC, GERES, GERES, GERES, DBIC.

IDC 29:00:18:06.5:9.9, 19.44S-175.92W, mb4.3/3, mb1 4.5/3, mb1mx3.9/15, mbtmt4.3/3, Error ellipse: s-maj=254.4km s-min=97.0km az=157.0, Tonga Islands

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

IDC 29:00:25:03.2:6.2, 9.12.92N-93.22E, h42km, 20km, mb3.8/11, mb1 4.0/12, mb1mx3.8/19, mbtmt4.0/12, ML4.9/1, MS3.3/1, Ms1 3.5/1, ms1mx2.5/22, Error ellipse: s-maj=24.7km s-min=17.3km az=47.0

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

NEIC 29:00:25:06.0:1.3, 13.53N-93.09E, h30km, mb4.1/5, Error ellipse: s-maj=24.8km s-min=20.8km az=58.0

BUI 29:00:25:06.0:1.3, 50N-93.10E, h30km, mb4.6

IDC 29:00:25:01.4:2.3, 12.9N.01-93.24E.0.07, h41km, 18km, n31, 0075/31, mb4.1/18, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, CMAR, PKI, GUN, DMN, KKN, LSA, GKN, KOLN, ENH, LZH, LZH, GTA, SONM, SONM, ULN, CN2, CN2, CHKZ, ARU, WRA, WRA, ASAR, BRTR, STKA, FINES, ARCES, GERES, HFS, NOA, IMA, ILAR, INK, TXAR, TXAR.

IDC 29:00:32:20.0:0.6, 8.71N-93.38E, mb4.1/19, mb1 4.2/20, mb1mx4.2/24, mbtmt4.1/20, Error ellipse: s-maj=34.1km s-min=12.7km az=49.0

NEIC 29:00:32:25.0:2.7, 8.14N-93.63E, h30km, mb4.5/9, Error ellipse: s-maj=27.7km s-min=14.0km az=71.0

IDC 29:00:32:23.0:6.4, 8.79N.01-93.95E.0.09, h33km, n46, 0130/45, mb4.3/26, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, HYB, HYB, PKI, DMN, GUN, KKN, GKN, LSA.

1038

Table with columns: KOLN, NDI, DDI, AAK, SONM, SONM, NWAO, NWAO, BVAR, MIB, BRVK, RST, CHKZ, WRA, ASAR, ARU, KIV, PMG, CTA, CTAO, STKA, BRTR, AKASG, KWP, FINES, LBTB, ARCES, BOGA, BOS, GERES, HFS, NB2, NOA, DAVOX, EKA, ESDC, ILAR, PDAR.

IDC 29:00:35:09.3:1.4, 46.14S-165.11E, h33km, ML4.5/5, Error ellipse: s-maj=16.0km s-min=13.8km az=90.0, West coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DCZ, DCZ, WHZ, WHZ, WHZ, WHZ, MLZ, WRA, PMG, BVAR, CTA, STKA, KMB, BRTR, IDI, AKASG, FINES, ARCES, GERES, NOA, DAVOX.

IDC 29:00:40:54.0:5.0, 7.3.86N-95.43E, mb4.3/17, mb1 4.4/17, mb1mx4.3/22, mbtmt4.3/17, Error ellipse: s-maj=34.2km s-min=14.1km az=40.0

IDC 29:00:40:57.8:0.6, 3.9N.02-95.5E.0.1, h33km, n17, 0066/17, mb4.3/17, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM, WRA, ASAR, PMG, BVAR, CTA, STKA, KMB, BRTR, IDI, AKASG, FINES, ARCES, GERES, NOA, DAVOX.

IDC 29:00:41:35.7:0.8, 13.33N-93.17E, h30km, mb4.4/9, Error ellipse: s-maj=27.1km s-min=15.1km az=73.0

BUI 29:00:41:35.7, 13.26N-92.94E, h35km, mb4.8, mb4.2

IDC 29:00:41:33.8:0.5, 13.20N.01-93.07E.0.06, h30km, n45, 0134/45, mb4.2/23, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, HYB, HYB, PKI, DMN, GUN, KKN, GKN, LSA.

IDC 29:00:41:31.0:3.7, 13.18N-93.08E, mb4.1/14, mb1 4.3/15, mb1mx4.2/20, mbtmt4.1/15, ML4.0/1, MS3.3/1, Ms1 3.5/1, ms1mx3.1/23, Error ellipse: s-maj=28.0km s-min=14.9km az=53.0

NEIC 29:00:41:35.7:0.8, 13.33N-93.17E, h30km, mb4.4/9, Error ellipse: s-maj=27.1km s-min=15.1km az=73.0

IDC 29:00:41:33.8:0.5, 13.20N.01-93.07E.0.06, h30km, n45, 0134/45, mb4.2/23, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, HYB, HYB, PKI, DMN, GUN, KKN, GKN, LSA.





29d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVIA Vianos, EMUJ Mijas, EADA Adamuz, etc.

IDC 29 01:12:34.5-7.8, 11.08N-91.75E, h61km, 69km, mb3.6/5, mb1 3.7/6, mb1mx3.5/17, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=57.8km s-min=20.7km az=51.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warrungama Arr, etc.

IDC 29 01:19:08.9-1.7, 5.44N-94.30E, mb3.7/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.7/16, ML4.1/1, Error ellipse: s-maj=68.7km s-min=22.5km az=59.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warrungama Arr, etc.

IDC 29 01:22:11.2-1.1, 4.45N-95.34E, mb4.1/9, mb1 4.2/9, mb1mx4.0/19, mbtmp4.1/9, Error ellipse: s-maj=63.4km s-min=19.2km az=68.0

ISC 29 01:22:14.8-2.4, 4.5N-95.3, 95.5E-0.3, h33km, n10, c051/10, mb4.0/9, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warrungama Arr, etc.

IDC 29 01:29:36.1-1.4, 7.30N-94.35E, h43km, 8km, mb3.5/4, mb1 3.8/4, mb1mx3.5/17, mbtmp3.8/4, Error ellipse: s-maj=59.9km s-min=19.8km az=59.0

ISC 29 01:29:35.7-1.1, 7.2N-101.947E-0.2, h33km, (h42km, 1.0km, pp-P), n13, c19/02/11, mb4.2/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, GUN Gumba, etc.

IDC 29 01:33:04.2-7.5, 0.3N-93.73E, mb4.0/6, mb1 4.2/6, mb1mx3.9/18, mbtmp4.0/6, Error ellipse: s-maj=114.4km s-min=20.5km az=62.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki.

2004 DEC

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

IDC 29 01:36:16.8-4.0, 14.02N-92.67E, mb4.0/5, mb1 4.1/5, mb1mx3.8/17, mbtmp4.0/5, Error ellipse: s-maj=94.3km s-min=79.3km az=151.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, BRTR Keskin Array B, etc.

IDC 29 01:36:27.6-0.6, 7.97N-92.88E, mb4.4/14, mb1 4.5/15, mb1mx4.2/21, mbtmp4.4/15, ML4.7/1, Error ellipse: s-maj=34.7km s-min=14.0km az=59.0

NEIC 29 01:36:27.6-0.6, 7.97N-92.88E, h30km, mb4.7/12, Error ellipse: s-maj=17.8km s-min=12.6km az=72.0

B/IJ 29 01:36:29.5-11.9, 9.99N-92.35E, h30km, mb5.2, mb4.3, ISC 29 01:36:27.6-0.6, 7.97N-92.88E, 0.7, h43km, 16km, n49, c101/46, mb4.5/26, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG Songkhla, NST Nakhon Sawan, CMAR Chiang Mai Arr, etc.

HHC comp=2.0, 0.8, mb4.7, 1.8, mb5.1, AAK Ala-Archa, 36.39 337 eP, P 01 43 29.5 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, ULN Ulaanbaatar, ZAL Zalesovo, etc.

HHC comp=2.8, 0.0, 0.8, mb4.7, 1.8, mb5.1, AAK Ala-Archa, 36.39 337 eP, P 01 43 29.5 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, ULN Ulaanbaatar, ZAL Zalesovo, etc.

IDC 29 01:38:36.5-0.5, 9.49N-93.72E, h22km, 2km, mb4.4/23, mb1 4.5/23, mb1mx4.5/27, mbtmp4.5/23, Error ellipse: s-maj=19.7km s-min=10.1km az=43.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki.

1040

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, DMN Daman, KKN Kakani, etc.

IDC 29 01:39:40.1, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, CHMS Chumyush, EKS2 Erkin-Say, etc.

MOS 29 01:39:41.0, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

NEIC 29 01:39:41.0, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MZLS Mizel, WAMS Al Khamasin, WRA Warrungama Arr, etc.

IDC 29 01:39:40.1, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MZLS Mizel, WAMS Al Khamasin, WRA Warrungama Arr, etc.

IDC 29 01:39:40.1, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MZLS Mizel, WAMS Al Khamasin, WRA Warrungama Arr, etc.

IDC 29 01:39:40.1, 0.1, 8.64N-93.01E, h33km, mb5.7/64, MS5.5/17, Error ellipse: s-maj=8.4km s-min=4.1km az=123.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MZLS Mizel, WAMS Al Khamasin, WRA Warrungama Arr, etc.



1017 Nm; M<sub>0</sub>3.08; M<sub>0</sub>-0.54; M<sub>0</sub>-2.53; M<sub>0</sub>-2.02; M<sub>0</sub>-0.29; M<sub>0</sub>-5.67; Best double couple: M<sub>0</sub>6.6x10<sup>17</sup> NP1.0x357° δ13° λ105°. NP2.0x162° δ78° λ87°. Principal axes: T 6.93, P1g57°, Azm67°; N -57, P1g3°, Azm162°; P -6.35, P1g32°, Azm254°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

HRVD 29.01:39:41.2,0.2,8.22N-93.02E,h39km,MW5.9/68, Centroid moment Tensor Solution. LP body waves: s68,c137; Mantle waves: s62,c114; Half duration: 2s5 Moment tensor: Scale 10<sup>17</sup>Nm; M<sub>0</sub>3.26x10<sup>17</sup>; M<sub>0</sub>-0.02x10<sup>17</sup>; M<sub>0</sub>-3.24x10<sup>17</sup>; M<sub>0</sub>1.07x10<sup>17</sup>; M<sub>0</sub>1.78x10<sup>17</sup>; M<sub>0</sub>-6.66x10<sup>17</sup>; Best double couple: M<sub>0</sub>7.68x10<sup>17</sup> NP1.0x318° δ16° λ60°. NP2.0x170° δ76° λ98°. Principal axes: T 7.42, P1g58°, Azm91°; N -52, P1g3°, Azm348°; P -7.94, P1g31°, Azm253°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 29.01:39:41.2,8.39N-93.19E,h34km,MB5.7/MS5.6, IDC 29.01:39:44.0,1.4,8.34N-93.41E,h58km,11km,mb5.2/28, mb1 5.2/28,mb1mx5.2/28,mb1mp5.4/28,MS5.5/9, Ms1 5.5/9,ms1mx4.9/31,Error ellipse: s-maj=14.4km s-min=8.1km az=43.0

ISC 29.01:39:40.2,0.2,8.30N-0.03,93.19E,0.02,h42km, h42km,1.0km,P=6.75,σ185°/592,mb5.5/148,MS5.6/41, 56C-51D, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
SGN	Songkhla	7.44	98	↑P		S	01	42	45.0	-8.0
NST	Nakhon Sawan	9.99	42	P		P	01	42	06.0	+1.8
CM31	Chiang Mai Arr	11.54	28	ePn		P	01	42	26.0	+0.6
CMAR	Chiang Mai Arr	11.54	28	P		P	01	42	27.9	+2.5
CMAR	13nm,0.3s,baz=214,slow=14,SNR=23			LR		P	01	46	50.0	
CMAR	comp=Z,18um,21.4s,baz=210,slow=37			LR		P	01	48	16.0	+1.6
CMAR	0.3nm,0.3s,baz=238,slow=2.8,SNR=4.3			PcP		P	01	51	44.5	
CMAR	0.6nm,0.3s,baz=240,slow=3.1,SNR=38			ScP		P	01	51	44.5	
KKTK	Khon Kaen	12.34	49	P		P	01	42	39.0	+2.9
VIS	Vishakhapatnam	13.41	315	↓P		S	01	42	47.4	-2.9
VIS	comp=Z,776nm,1.2s			eS		P	01	45	00.0	-1.9
UBT	Ubonrachathani	13.47	58	↑P		P	01	42	54.5	+3.4
MDRS	Chennai	13.57	292	eP		P	01	42	51.6	-1.0
MDRS	comp=Z,30um,21.5s			AMS		P	01	48	12.8	
VJD	Vijayawada	14.71	305	iP		P	01	43	05.0	-2.5
VJD				iP		P	01	45	31.0	-1.9
CAL	Calcutta	14.91	342	eP		P	01	43	13.5	+3.5
CAL				eP		P	01	46	07.2	
AGT	Agartala	15.61	353	↑P		P	01	43	18.0	-1.0
KOD	Kodaikanal	15.64	278	↓P		P	01	43	18.0	-1.5
KOD				eS		P	01	47	45.6	
TRD	Trivandrum	16.06	272	↓P		P	01	43	22.9	-1.9
TRD				eS		P	01	46	16.3	-5.0
TRD				iP		P	01	49	25.2	
IMP	Imphal	16.41	2	iP		P	01	43	28.4	-0.7
HYB	Hyderabad	16.89	304	↓P		P	01	43	33.0	-2.3
HYB	Hyderabad	16.89	304	↓P		P	01	43	33.0	-2.3
HYB				eS		P	01	46	48.0	+7.5
HYB				LR		P	01	49	12.0	
BOK	Bokaro	16.92	336	↓P		P	01	43	36.4	+0.7
BOK				eP		P	01	43	41.6	
BOK				S		P	01	46	32.1	-9.0
SHL	Shillong	17.22	356	eP		P	01	47	13.0	+7.3
SHL				S		P	01	46	44.0	-3.8
BLSP	Bilaspur	17.39	323	↓P		P	01	43	41.3	-0.2
BLSP				eP		P	01	43	46.7	
BLSP	comp=Z,428nm,1.5s			eS		P	01	46	51.5	-0.2
MNGI	Mangalore	18.63	286	↓P		P	01	43	57.6	+0.7
MNGI				eP		P	01	47	11.0	-8.8
MNGI	comp=Z,2um,1.1s			P		P	01	43	58.0	+0.3
NGP	Nagpur	18.69	315	↓P		P	01	41	48.0	+2.3
NGP				eP		P	01	44	01.8	+2.3
SLGI	Shilliguri	18.85	347	eP		P	01	43	59.0	-2.7
LATR	Latur	19.03	304	eP		P	01	44	03.8	+2.0
KMI	Kumming	19.05	27	↑P		P	01	44	13.3	
KMI				XP		P	01	44	17.5	
KMI				PP		P	01	44	22.5	+2.6
KMI				PPP		P	01	44	29.8	+1.8
KMI				S		P	01	47	37.0	+7.9
KMI				XS		P	01	47	50.0	
KMI				SS		P	01	48	00.5	+5.2
KMI				AMB		P				
KMI	comp=Z,296nm,1.2s			AMB		P				
KMI	comp=Z,4um,5.9s			LR		P				
KMI	comp=N,12um,23.2s			LR		P				
KMI	comp=Z,20um,27.6s			LR		P				
QIZ	Qiongzong	19.36	55	↑P		P	01	44	06.5	+1.3
QIZ				S		P	01	47	37.5	+1.4
QIZ				XS		P	01	47	49.5	
QIZ	comp=Z,180nm,1.2s			AMB		P				
QIZ	comp=Z,5um,9.3s			LR		P				
QIZ	comp=N,19um,17.1s			LR		P				
QIZ	comp=E,9um,22.7s			LR		P				
QIZ	comp=Z,15um,24.6s			P		P	01	44	12.5	+1.3
AKL	Akoka	19.91	310	eP		P	01	47	35.3	-1.2
AKL				iP		P	01	44	23.0	
MNCY	Minicoy	19.95	271	↓P		P	01	46	29.0	
MNCY				iP		P	01	44	13.0	-0.2
ALBI	Allahabad	20.10	329	eP		P	01	44	18.2	+0.5
PKI	Putchoki	20.53	340	eP		P	01	44	17.2	-0.9
KAD	Karad	20.57	298	↓P		P	01	44	21.9	
KAD				eS		P	01	48	02.5	+1.7
KAD				S		P	01	44	15.9	+0.7
Daman		20.67	339	eP		P	01	44	20.1	+0.7
GUN	Gumba	20.79	341	eP		P	01	44	20.6	+0.3
KKN	Kakani	20.78	340	eP		P	01	44	25.3	+0.8
GKN	Gorkha	21.20	339	eP		P	01	44	25.1	+0.5
BHPL	Bhopal	21.20	316	↓P		P	01	48	16.3	+3.4
BHPL				eS		P	01	44	31.7	
BHPL	comp=Z,394nm,1.1s			eS		P	01	48	19.2	+3.2
POO	Poona	21.36	300	↓P		P	01	44	25.8	-0.4
POO				eS		P	01	44	26.5	+0.2
LSA	Lhasa	21.38	355	eP		P	01	44	26.4	+0.2
LSA	comp=Z,311nm,0.8s,mb5.7			eP		P	01	44	27.6	+1.2
KOLN	Koldanda	21.38	336	eP		P	01	44	35.0	+1.2
KOLN	comp=Z,1um,1.2s,mb6.1			AP		P	01	44	43.8	
GYA	Guiyang	22.13	34	↑P		P	01	48	35.3	+5.2
GYA				PP		P	01	48	35.3	+5.2
GYA				S		P	01	48	52.5	
GYA	comp=Z,290nm,1.1s,mb5.6			AMB		P				
GYA	comp=Z,7um,6.2s			LR		P				
GYA	comp=N,11um,21.5s,MS5.3			LR		P				

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
SSE	comp=E,6um,18.8s,MS5.3			LR		P				
SSE	comp=Z,15um,20.3s,MS5.4			LR		P				
SSE	Bombay	22.41	300	↓P		P	01	44	38.1	+1.6
BOM	Bombay	22.41	300	↓P		P	01	44	38.1	+1.6
BOM				eS		P	01	48	40.6	+5.5
BHV	Bhavnagar	24.29	306	eP		P	01	44	58.0	+3.0
GZH	Guangzhou	24.29	306	eP		P	01	45	00.0	+4.9
GZH				AMB		P				
GZH	comp=Z,4um,7.8s			LR		P				
GZH	comp=N,6um,24.0s,MS5.3			LR		P				
GZH	comp=E,9um,20.6s,MS5.3			LR		P				
GZH	comp=Z,16um,22.1s,MS5.5			LR		P				
LGTI	Lohaghat	24.30	332	eP		P	01	44	57.3	+2.2
BATP	Bataraza	24.34	87	eP		P	01	44	56.5	+0.9
PTH	Pithoragarh	24.40	332	eP		P	01	44	57.8	+1.7
PTH				eS		P	01	49	13.9	+3.8
HKC	Hong Kong	24.51	53	↑P		P	01	45	00.0	+2.8
HKC				iP		P	01	49	22.0	+1.0
CD2	Chengdu	24.57	22	↑P		P	01	44	58.3	+0.6
CD2				S		P	01	49	13.5	+0.6
CD2				SS		P	01	50	08.0	-2.1
CD2	comp=Z,120nm,0.6s,mb5.6			AMB		P				
CD2	comp=Z,4um,4.8s			LR		P				
CD2	comp=N,7um,18.6s			LR		P				
CD2	comp=Z,9um,25.8s			LR		P				
AJM	Ajmer	25.24	318	↓P		P	01	45	05.2	+1.1
AJM				eP		P	01	45	08.7	
AJM	comp=Z,144nm,1.6s			eS		P	01	49	27.2	+3.0
NDI	New Delhi	25.25	325	↓P		P	01	45	05.7	+1.4
NDI				eS		P	01	49	22.0	-2.4
DGAR	Diego Garcia	25.91	234	↓P		P	01	45	11.4	+0.9
DGAR	Diego Garcia	25.91	234	↓P		P	01	45	10.8	+0.3
DGAR	comp=Z,1um,1.6s,mb6.3			eP		P	01	45	11.2	-0.3
ENPP	El Nido	26.01	81	eP		P	01	45	14.3	+2.2
DDI	Dehra Dun	26.09	329	eP		P	01	45	14.9	+0.2
DDI				eS		P	01	45	16.7	-0.6
ENH	Enshi	26.66	33	↑P		P	01	45	15.0	-3.0
ENH				eS		P	01	45	17.2	-1.8
SRDI	Scrawled	26.71	128	↓P		P	01	45	21.1	+0.3
KELI	Kelakatan	26.83	127	↓P		P	01	45	24.5	
BHJ	Bhuj	27.03	306	eP		P	01	49	55.5	+1.7
BHJ				eS		P	01	45	21.1	-0.2
BHJ	comp=Z,84nm,1.5s			eS		P	01	45	27.6	+0.1
LUBG	Lubang	27.09	77	eP		P	01	45	27.4	-0.5
LUBG				eS		P	01	45	27.4	-0.5
CUYO	Cuyo Island	27.55	82	eP		P	01	45	27.6	+0.1
SJMP	San Jose	27.76	79	eP		P	01	45	27.4	-0.5
TGY	Tagaytay City	27.80	76	eP		P	01	45	27.4	-0.5
TGY	comp=Z,149nm,0.3s,mb6.1,baz=252,slow=8.8,SNR=5.3			eP		P	01	45	41.4	+2.4
BHK	Bhakra	27.81	328	eP		P	01	45	30.9	+1.6
RATI	Rata	27.95	127	↓P		P	01	45	27.6	-4.6
KEDI	Kedondong	28.28	126	↓P		P	01			



OBN	Obninsk	64.52 328	iP	P	01 50 11.7	-3.3
HRT	Hereke	64.64 311	eP	P	01 50 13.9	-2.2
HRT	Hereke	64.64 311	eP	P	01 50 15.3	-0.8
AKS	Akhisar	65.70 309	eP	P	01 50 15.3	-7.7
IZM	Izmir	65.06 308	eP	P	01 50 20.7	-4.5
TIH	Tirassor	66.29 315	iP	P	01 50 25.9	0.7
PSN	Preselentsi	66.29 314	iP	P	01 50 25.0	-1.6
CFR	Caraliu	66.64 316	iP	P	01 50 27.5	-1.2
HARR	Harsova	66.68 315	iP	P	01 50 28.9	-0.1
HARR	Harsova	66.68 315	iP	P	01 50 28.3	-0.7
HARR	Harsova	66.68 315	iP	P	01 50 28.3	-0.7
PRD	Provadia	66.76 313	iP	P	01 50 28.0	-1.6
MA2	Magadan	66.83 281	eP	P	01 50 27.5	-2.2
TIXI	Tiksi	67.00 12	eP	S	01 50 29.0	-1.6
TIXI			eS	S	01 59 22.5	+2.9
TIXI			eSS	SS	02 03 33.9	-6.6
TIXI			pmx	pmx		
TIXI	comp=Z,234nm,1.0s,mb5.2			pmx	pmx	
TIXI	comp=N,45nm,1.2s			pmx	pmx	
TIXI	comp=E,43nm,1.4s			pmx	pmx	
TIXI	comp=Z,353nm,1.2s,mb3.3			MLR	MLR	
TIXI	comp=Z,3um,19.0s,MSS.5			MLR	MLR	
TIXI	Tiksi	67.00 12	iP	P	01 50 27.4	-3.2
AKASG	Main Army B	67.24 322	P	P	01 50 30.0	-2.4
IDI	Anovia	67.55 305	P	P	01 50 34.0	-0.7
ISR	Istrita	67.73 315	iP	P	01 50 36.4	+0.8
VRI	Vrincioiaia	67.75 316	iP	P	01 50 37.0	0.0
RDO	Rodhopi	67.78 311	eP	P	01 50 35.0	-1.0
KDZ	Kurdzhali	67.95 312	iP	P	01 50 36.0	-1.0
BUCI	Bucharest	67.95 314	iP	P	01 50 37.3	+0.3
VAM	Famos	68.13 305	eP	P	01 50 37.5	+0.8
MLR	Muntele Rosu	68.21 316	P	P	01 50 38.7	+0.1
MLR	Muntele Rosu	68.21 316	P	P	01 50 38.5	-0.1
MLR	Muntele Rosu	68.21 316	iP	P	01 50 38.6	0.0
MLR	Muntele Rosu	68.21 316	iP	P	01 50 38.6	0.0
RZN	Rozhen	68.47 311	iP	P	01 50 39.0	-1.3
LSZ	Lusaka	68.53 250	eP	P	01 50 41.2	+0.2
PET	Petrovoplovsk	68.74 36	eP	P	01 50 40.8	-1.0
PET			e		01 51 04.7	
PET			ePPP	PPP	01 59 43.2	+0.2
PET			eS	S	01 59 43.3	+2.6
PET			ePS	PS	02 00 08.8	-2.8
PET			pmx	pmx		
PET	comp=Z,92nm,1.1s,mb5.6			pmx	pmx	
PET	comp=Z,300nm,10.7s			pmx	pmx	
PET	comp=Z,29nm,1.2s,mb5.1			pmx	pmx	
PET	comp=Z,500nm,22.4s			pmx	pmx	
PET	comp=Z,100nm,9.1s			smx	smx	
PET	comp=N,1um,21.2s			MLR	MLR	
PET	comp=Z,3um,21.0s,MSS.5			MLR	MLR	
PET	Petrovoplovsk	68.74 36	iP	P	01 50 39.3	-2.5
MTUR	Matau	68.78 317	iP	P	01 50 41.7	-0.4
MTUR	Matau	68.78 315	iP	P	01 50 41.5	-0.6
MTUR	Matau	68.78 315	iP	P	01 50 41.5	-0.6
SEY	Seymchan	68.94 25	eP	P	01 50 41.8	-1.0
SEY			e		01 51 07.2	
SEY			eS	S	01 51 13.5	
SEY			PS	PS	02 00 07.7	-6.2
SEY			pmx	pmx	02 00 38.5	
SEY	comp=N,40nm,0.8s			pmx	pmx	
SEY	comp=Z,50nm,0.8s,mb5.5			pmx	pmx	
SEY	comp=Z,15um,20.0s,MSS.2			MLR	MLR	
SEY	comp=E,14um,19.0s			MLR	MLR	
PGB	Panagyurishte	69.00 312	iP	P	01 50 43.0	-0.5
MNK	Minsk	69.07 325	eP	P	01 50 40.0	-3.8
MNK			pmx	pmx		
KYTH	Kithira	69.15 306	eP	P	01 50 44.0	-0.6
PLG	Polygyros	69.25 310	eP	P	01 50 44.0	-1.1
COZ	Cozia	69.29 315	eP	P	01 50 35.6	-1.0
PUL	Pulkovo	69.39 331	eP	P	01 50 45.0	-0.6
PUL			eS	S	01 59 45.9	-2.3
PUL			pmx	pmx		
PUL	comp=Z,60nm,0.6s,mb5.7			pmx	pmx	
PUL	Pulkovo	69.39 331	iP	P	01 50 43.4	-2.2
KKB	Krupnik	69.70 312	iP	P	01 50 46.0	-1.9
VTS	Vitoshka	69.70 312	iP	P	01 50 47.0	-0.9
VAY	Valandovo	70.02 311	iP	P	01 50 47.2	-0.7
VAY			i		01 50 48.5	-1.3
EVR	Evrityania	70.36 308	eP	P	01 50 56.8	
YSU	Yasula	70.74 329	iP	P	01 50 49.0	-2.9
BOLS	Boljavec	70.77 313	iP	P	01 50 51.2	-2.7
LVZ	Lovozero	70.84 340	eP	P	01 50 53.3	-1.0
LVZ			eS	S	02 00 02.8	-2.2
LVZ			pmx	pmx		
LVZ	comp=Z,22nm,1.0s,mb5.0			smx	smx	
LVZ	comp=N,1um,4.7s			smx	smx	
SKO	Lovozero	70.84 340	eP	P	01 50 51.2	-3.1
SKO	Skopje	70.94 311	iP	P	01 50 54.0	-1.4
SKO			iP	P	01 51 06.7	-1.0
KWP	Kalwarja	71.10 320	eP	P	01 50 55.8	-0.4
KWP	Kalwarja	71.10 320	eP	P	01 50 56.2	0.2
KWP			eP	P	01 51 08.9	+0.3
APA	Apafity	71.12 339	eP	P	01 50 55.5	-0.5
APA			i		01 51 13.5	
APA	comp=Z,33nm,0.9s,mb5.3			pmx	pmx	
APA	comp=Z,4um,20.0s,MSS.6			MLR	MLR	
KOLS	Kolonickie sedl	71.27 319	eP	P	01 50 57.0	-0.2
KOLS			eP	P	01 51 11.3	+1.7
SUW	Suwalki	71.61 324	eP	P	01 50 58.6	+0.6
SUW			eP	P	01 51 11.2	-0.3
GRUS	Gruza	71.67 313	iP	P	01 50 58.9	-0.8
CRVS	Cervenica-Dubn	71.79 319	eP	P	01 50 52.1	+1.8
CRVS			eP	P	01 51 19.0	
FINES	FINES Array B	71.90 332	P	P	01 51 00.6	-0.1
KAF	Kangasniemi	71.99 333	eP	P	01 50 59.7	-1.5
KAF	Kangasniemi	71.99 333	eP	P	01 50 59.7	-1.5
KAF			pmx	pmx		
KAF	comp=Z,3.0nm,0.4s,mb4.6			pmx	pmx	
DIVS	Divicibare	72.21 314	iP	P	01 51 02.0	-0.8
KECS	Kecevo	72.37 318	eP	P	01 51 02.7	-1.1
KECS			eP	P	01 51 16.5	+0.4
PKSN	Nyarlorinc	72.59 316	eP	P	01 51 05.4	+0.3
NIE	Niedzica	72.61 319	eP	P	01 51 05.1	0.1
PSZ	Piszkesteto	72.70 318	iP	P	01 51 05.9	+0.2
PSZ	Piszkesteto	72.70 318	iP	P	01 51 05.8	+0.1
OJC	Ojcow	73.05 320	eP	P	01 51 15.2	+7.4
PKSM	Moragy	73.36 316	eP	P	01 51 08.8	-0.9
YVHS	Yytine	73.47 318	eP	P	01 51 09.8	-0.4
YVHS			eP	P	01 51 20.3	+0.4
NB2	Lobatse	73.62 241	P	P	01 51 13.1	+1.4
LBTB			S	S	02 00 40.7	+3.1
LBTB	Lobatse	73.62 241	eP	P	01 51 13.0	+1.3
LBTB			pmx	pmx		
LBTB	comp=Z,135nm,0.9s,mb5.9			pmx	pmx	
LBTB	comp=Z,135nm,0.9s,mb5.9			pmx	pmx	
SRO	Srokavara	73.74 317	iP	P	01 51 12.3	+0.4
SRO			eP	P	01 51 25.2	+0.9
RHK1	Bakonya	73.75 316	iP	P	01 51 11.7	-0.6
OKC	Ostrava-Krasne	74.06 319	eP	P	01 51 12.7	-1.0
OKC			eP	P	01 51 26.3	+0.3
KEV	Kevo	74.12 341	eP	P	01 51 12.0	-1.7
KEV			pmx	pmx		
KEV	comp=Z,20nm,0.7s,mb5.2			pmx	pmx	
KEV	comp=Z,20nm,0.7s,mb5.2			pmx	pmx	
TIP	Timpagrande	74.30 308	eP	P	01 51 15.3	+0.1

SMOL	Smolenice	74.40 318	eP	P	01 51 28.9	+0.9
SMOL	Smolenice	74.40 318	eP	P	01 51 28.9	+0.9
MORC	Moravsky Berou	74.44 319	P	P	01 51 16.1	+0.2
MORC	Moravsky Berou	74.44 319	eP	P	01 51 15.4	-0.5
GRI	comp=Z,108nm,1.3s,mb5.6			P		
ARCES	ARCES Array B	74.55 308	eP	P	01 51 16.9	+0.2
ARCES	ARCES Array B	74.55 308	eP	P	01 51 16.2	+0.1
ZST	Bratislava	74.59 318	eP	P	01 51 16.7	-0.1
ZST			eP	P	01 51 29.9	0.1
SOP	Sopron	74.91 317	eP	P	01 51 18.8	+0.2
GKP	Gorka Klasztor	74.99 323	eP	P	01 51 18.8	-0.2
GKP			eP	P	01 51 30.9	-0.5
BOSA	Boshof	75.02 238	P	P	01 51 20.9	+1.3
BOSA			S	S	02 00 55.8	+2.6
BOSA	Boshof	75.02 238	eP	P	01 51 20.8	+1.1
BOSA			eP	P	01 51 33.7	+1.7
BOSA			pmx	pmx		
BOSA	comp=Z,95nm,0.9s,mb5.7			P	01 51 20.8	+1.1
BOSA	Boshof	75.02 238	eP	P	01 51 20.8	+1.1
BOSA	comp=Z,95nm,0.9s,mb5.7			eP	01 51 33.7	+1.7
BOSA			eP	P	01 51 20.6	+0.7
MTTG	Motta San Giov	75.10 307	eP	P	01 51 19.4	-0.2
KTK1	Kautokoine	75.17 340	eP	P	01 51 19.4	-0.2
KTK1			Amb	Amb	01 51 29.5	
KTK1	comp=Z,98nm,1.3s,mb5.6			Amb	Amb	
KTK1	Kautokoine	75.17 340	eP	P	01 51 19.4	-0.2
KTK1	comp=Z,98nm,1.3s,mb5.6			Amb	Amb	
DPC	Dobruska-Polom	75.28 320	eP	P	01 51 20.8	+0.5
DPC			eP	P	01 51 33.8	+0.1
KSP	Ksiaz	75.34 320	eP	P	01 51 23.6	+0.5
KSP			ePP	P	01 51 33.6	+0.2
KSP			eS	S	02 00 52.0	-4.2
KSP	Ksiaz	75.34 320	eP	P	01 51 20.5	-0.5
KSP			eP	P	01 51 33.6	+0.2
KSP			eS	S	01 51 46.0	
KSP			S	S	01 51 11.1	-0.1
KSP			eS	S	02 00 52.0	-4.2
KSP	Ksiaz	75.34 320	eP	P	01 51 21.2	+0.2
KSP			eP	P	01 51 34.3	+0.9
CASY	Casey	75.46 173	eP	P	01 51 21.7	+0.3
UPC	Upice	75.49 320	eP	P	01 51 22.3	+0.4
UPC			eP	P	01 51 33.8	-0.5
BOJS	Bojanci	75.68 315	eP	P	01 51 22.7	-0.4
PERS	Pernice	75.83 316	iP	P	01 51 23.9	0.0
BILL	Bililino	76.04 22	iP	P	01 51 22.2	-2.5
LJU	Ljubljana	76.21 315	eP	P	01 51 26.1	0.0
LJU			eP	P	01 51 38.1	-0.4
PRU	Pruhonica	76.39 319	eP	P	01 51 27.1	+0.1
PRU			ePP	P	01 51 40.2	+0.8
PRU	Pruhonica	76.39 319	iP	P	01 51 27.1	+0.1
PRU	comp=Z,49nm,1.3s,mb5.3			eP	01 51 42.0	+0.8
PVCC	Panska Ves	76.41 320	eP	P	01 51 27.6	+0.5
PVCC			eP	P	01 51 39.8	+0.3
BSD	Bornholm Skovb	76.53 325	eP	P	01 51 40.7	+0.6
BSD	Bornholm Skovb	76.53 325	iP	P	01 51 40.7	+0.6
VOY	Vojsko	76.65 315	eP	P	01 51 28.0	-0.6
VOY			eP	P	01 51 39.3	-1.7
TRO	Tromso	76.80 340	eP	P	01 51 27.8	-1.2
BRG	Bergsjeshubel	76.83 320	iP	P	01 51 29.7	+0.2
BRG			iP	P	01 51 29.7	+0.2
BRG			pmx	pmx	01 54 25.3	
BRG	comp=Z,43nm,1.3s,mb5.2			pmx	pmx	
BRG	Bergsjeshubel	76.83 320	iP	P	01 51 29.7	+0.2
BRG	comp=Z,43nm,1.3s,mb5.2	</				





Table with columns for station call signs, frequencies, power, and coordinates. Includes stations like T12, SOC, ISP, ESKT, MBAR, HENT, etc. with various technical details and status indicators.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LSZ, IDID, VTS, IZAR, ISAL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCES, AREO, SMOL, MORC, MORAV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRG, BRG, BRG, BRG, BRG, etc.

29d 1h

Table of astronomical data for 29 days in December 2004. Columns include object name, coordinates, magnitude, and other parameters.

2004 DEC

Table of astronomical data for December 2004. Columns include object name, coordinates, magnitude, and other parameters.

1048

Table of astronomical data for 1048 objects. Columns include object name, coordinates, magnitude, and other parameters.

1049

Table of astronomical observations for 2004 DEC, starting with YKA Yellowknife Ar 105.39 13 Pdiff Pdiff 02 05 02.1 +0.5. Includes various object names like YKA, FRB, OCWA, and others.

2004 DEC

Table of astronomical observations for 2004 DEC, starting with MVU Marysvale 126.87 25 ePKPDLR PKPDLR 02 09 59.0 -1.2. Includes various object names like MSU, WES, SRU, and others.

29d 2h

Table of astronomical observations for 29d 2h, starting with PPM Popocatepetl 149.52 24 ePKHKP 02 10 58.9. Includes various object names like YAG, CHILLAN, and others.



SUW	comp=Z,129nm,1.1s,mb5.9	pmax	pmax		
SUW	Suwalki 67.35 323 eP	P	P	02 24 19.9 -1.0	
KAF	comp=Z,129nm,1.1s,mb5.9	ep	P	02 24 19.1 -1.9	
KAF	Kangasniemi 67.40 332 ep	P	P	02 24 19.1 -1.9	
KAF	Kangasniemi 67.40 332 ep	P	pmax		
CRVS	comp=Z,20nm,0.9s,mb5.2	ep	P	02 24 26.1 +2.5	
CRVS	Cervenica-Dubn 67.78 318 eP	P	P	02 24 26.1 +2.5	
CRVS	Cervenica-Dubn 67.78 318 eP	P	P	02 24 26.1 +2.5	
GRUS	Gruza 67.94 312 eP	P	P	02 24 22.2 -2.6	
KECS	Kecovo 68.39 317 ep	P	P	02 24 29.4 -0.4	
KECS	Kecovo 68.39 317 ep	P	P	02 24 29.4 -0.4	
DIVS	Divicibare 68.47 312 eP	P	P	02 24 27.4 -0.7	
NIEZ	Niedzica 68.58 312 eP	P	P	02 24 29.2 +0.6	
PKSN	Nyarloricse 68.70 315 ep	P	P	02 24 29.9 +0.5	
PSZ	Piszkesteto 68.74 316 ep	P	P	02 24 29.6 0.0	
OJC	Ojcov 68.97 319 ep	P	P	02 24 30.9 -0.1	
KEV	Kevo 69.35 340 ep	P	P	02 24 31.2 -1.8	
KEV	Kevo 69.35 340 ep	P	P	02 24 31.2 -1.8	
KEV	Kevo 69.35 340 ep	pmax	pmax		
YVHS	Yyhne 69.48 317 iP	P	P	02 24 33.9 -0.3	
ARCES	ARCCESS Array B 68.78 340 P	P	P	02 24 35.8 +0.1	
SRO	Srobarova 69.80 316 P	P	P	02 24 36.4 +0.3	
RHK1	Bakonyi 69.83 314 eP	P	P	02 24 35.5 +0.2	
OKC	Ostrava-Krasne 70.01 318 eP	P	P	02 24 37.7 +0.3	
MORC	Moravsky Berou 70.40 318 eP	P	P	02 24 39.6 -0.1	
MORC	Moravsky Berou 70.40 318 eP	pmax	pmax		
MORC	comp=Z,82nm,1.4s,mb5.5	ep	P	02 24 39.6 -0.2	
MORC	Moravsky Berou 70.40 318 eP	P	P	02 24 39.6 -0.2	
SMOL	Smolenice 70.42 317 eP	P	P	02 24 40.1 +0.2	
ZST	Bratislava 70.63 317 eP	P	P	02 24 41.2 +0.1	
OPC	Dotruška-Polom 71.21 319 eP	P	P	02 24 45.3 +0.7	
KSP	Ksiaz 72.45 319 eP	P	P	02 24 45.2 +0.4	
UIC	Ujice 71.41 319 eP	P	P	02 24 45.9 +0.1	
SOI	Samo 71.45 306 eP	P	P	02 24 46.5 +0.2	
BILL	Bilibino 71.75 22 eP	pmax	pmax	02 24 45.9 -1.7	
BILL	Bilibino 71.75 22 eP	pmax	pmax		
BILL	comp=Z,21nm,1.7s,mb4.8	ep	P	02 24 45.0 -2.6	
BILL	Bilibino 71.75 22 eP	P	P	02 24 48.3 -0.3	
LEGS	Legarie 71.82 314 iP	P	P	02 24 48.3 -0.3	
BOJS	Bojanci 71.86 314 eP	P	P	02 24 48.3 -0.3	
BSD	Bornholm Skovb 72.24 324 iP	P	P	02 24 49.2 -1.5	
BSD	Bornholm Skovb 72.24 324 iP	pmax	pmax		
BSD	comp=Z,2.0nm,0.4s,mb4.4	ep	P	02 24 49.2 -1.5	
BSD	Bornholm Skovb 72.24 324 iP	P	P	02 24 49.2 -1.5	
PVCC	Panska Ves 72.33 319 eP	P	P	02 24 52.1 +0.8	
PRU	Pruhonice 72.34 318 eP	P	P	02 24 51.8 +0.4	
LJU	Ljubljana 72.37 314 iP	P	P	02 24 51.8 +0.2	
BRG	Berggiesshubel 72.37 319 iP	e	pP	02 24 54.1 +0.4	
BRG	Berggiesshubel 72.37 319 iP	e	pP	02 25 01.0 -0.7	
BRG	comp=Z,72nm,1.4s,mb5.4	ep	pP	02 24 54.1 +0.4	
BRG	Berggiesshubel 72.37 319 iP	P	P	02 24 54.1 +0.4	
BRG	Berggiesshubel 72.37 319 iP	ep	pP	02 25 01.0 -0.7	
VOY	Vojsko 72.81 314 eP	P	P	02 24 53.9 +0.4	
RUE	Ruedersdorf 72.85 321 eP	P	P	02 24 54.8 +0.4	
GECC	GERESS Array S 72.89 317 eP	P	P	02 24 55.1 +0.4	
GECC	GERESS Array S 72.89 317 eP	pmax	pmax		
GECC	comp=Z,38nm,1.1s,mb5.2	ep	P	02 24 55.1 +0.4	
GECC	GERESS Array S 72.89 317 eP	P	P	02 24 55.1 +0.4	
GERES	GERESS Array B 72.89 317 eP	P	P	02 24 55.0 +0.3	
KHC	Kasperske Hory 72.97 318 eP	P	P	02 24 54.9 -0.2	
PTCC	Pattocco-Chiusa 73.17 315 eP	P	P	02 24 56.0 -0.4	
CLL	Collim 73.33 320 eP	P	P	02 24 57.0 -0.1	
CLL	Collim 73.33 320 eP	pmax	pmax		
CLL	comp=Z,69nm,1.5s,mb5.4	ep	P	02 24 57.0 -0.1	
CLL	Collim 73.33 320 eP	P	P	02 24 57.0 -0.1	
CLL	Collim 73.33 320 eP	P	P	02 24 57.0 -0.1	
WET	Wetzell 73.41 318 eP	P	P	02 24 58.3 +0.5	
FVI	Forni Avoltri 73.56 315 eP	P	P	02 24 57.9 -0.7	
SNTG	Sanatoglia 73.59 311 eP	P	P	02 24 58.4 -0.5	
MOX	Moxa 74.21 319 eP	P	P	02 25 01.9 -0.4	
MOX	Moxa 74.21 319 eP	pmax	pmax		
MOX	comp=Z,90nm,1.9s,mb5.4	ep	P	02 25 01.9 -0.4	
MOX	Moxa 74.21 319 iP	P	P	02 25 01.9 -0.4	
MOX	comp=Z,logA/T=1.7,mb5.4	ep	P	02 25 01.9 -0.4	
MOX	Moxa 74.21 319 eP	P	P	02 25 01.9 -0.4	
NTI	comp=Z,90nm,1.9s,mb5.4	ep	P	02 25 03.4 +0.1	
CB2	Castel Tisino 74.37 314 eP	P	P	02 25 02.5 -0.6	
NB2	NORSAR Subarra 74.39 330 P	P	P	02 25 02.5 -0.6	
NB2	comp=Z,59nm,1.4s,mb5.3,baz=91,slow=5.8	ep	P	02 25 02.5 -0.6	
NB2	NORSAR Subarra 74.39 330 P	P	P	02 25 02.5 -0.6	
NB2	NORSAR Subarra 74.39 330 P	pmax	pmax		
NOA	comp=Z,59nm,1.4s,mb5.3	ep	P	02 25 02.8 -0.3	
NOA	NORSAR Array B 74.39 330 P	P	P	02 25 02.8 -0.3	
PGD	Poggio Sodo 74.44 312 eP	P	P	02 25 04.7 +1.0	
GRA1	Grafenberg Arr 74.50 318 eP	P	P	02 25 04.7 +0.9	
GRF	comp=Z,89nm,1.4s,mb5.5	ep	P	02 25 04.9 +0.9	
GRF	Grafenberg Arr 74.50 318 eP	P	P	02 25 04.9 +0.9	
GRF	Grafenberg Arr 74.50 318 eP	pmax	pmax		
GRF	comp=Z,88nm,1.4s,mb5.5	ep	P	02 25 04.9 +0.9	
GRF	Grafenberg Arr 74.50 318 eP	P	P	02 25 04.9 +0.9	
GRF	Grafenberg Arr 74.50 318 eP	pmax	pmax		
FUR	Furstenfeldbru 74.53 317 eP	P	P	02 25 04.2 0.0	
NAO01	NORSAR Array S 74.55 330 eP	P	P	02 25 03.8 -0.2	
BSEG	Bad Segeberg 74.92 323 eP	P	P	02 25 07.1 +0.8	
CLZ	Clausthal 74.95 320 eP	P	P	02 25 07.1 +0.5	
GSCD	Gosciola 75.22 313 eP	P	P	02 25 09.2 +0.9	
MUD	Monsted U'grnd 75.49 325 iP	P	P	02 25 10.5 +1.0	
MUD	Monsted U'grnd 75.49 325 iP	pmax	pmax		
MUD	comp=Z,39nm,1.0s,mb5.3	ep	P	02 25 10.5 +1.0	
MUD	Monsted U'grnd 75.49 325 iP	P	P	02 25 10.5 +1.0	
LBTB	Lobatse 75.53 240 eP	P	P	02 25 11.3 +0.9	
LBTB	Lobatse 75.53 240 eP	pmax	pmax		
LBTB	comp=Z,12nm,0.7s,mb4.9	ep	P	02 25 11.3 +0.9	
LBTB	Lobatse 75.53 240 eP	P	P	02 25 11.3 +0.9	
DAVOS	comp=Z,12nm,0.7s,mb4.9	ep	P	02 25 10.2 +0.1	
DAVOS	Davos 75.55 315 P	P	P	02 25 10.2 +0.1	
BFO	Black Forest 76.48 317 eP	P	P	02 25 15.0 -0.3	
BFO	Black Forest 76.48 317 eP	pmax	pmax		
BFO	comp=Z,40nm,1.5s,mb5.1	ep	P	02 25 15.0 -0.3	
BFO	Black Forest 76.48 317 eP	P	P	02 25 15.0 -0.3	
PGF	Pioggiola 76.53 311 eP	P	P	02 25 15.2 -0.5	
PGF	comp=Z,249nm,1.6s,mb5.6	ep	P	02 25 15.2 -0.5	
PGF	Pioggiola 76.53 311 eP	pmax	pmax		
PGF	comp=Z,125nm,1.6s,mb5.6	ep	P	02 25 15.2 -0.5	
PGF	Pioggiola 76.53 311 eP	P	P	02 25 15.2 -0.5	
PDF	Champ du Feu 77.17 317 eP	P	P	02 25 18.7 -0.4	
PDF	comp=Z,36nm,1.2s,mb4.9	ep	P	02 25 18.7 -0.4	
PDF	Champ du Feu 77.17 317 eP	pmax	pmax		
PDF	comp=Z,18nm,1.2s,mb4.9	ep	P	02 25 20.3 +0.7	
BOSA	Boshof 77.18 236 eP	P	P	02 25 20.3 +0.6	
BOSA	Boshof 77.18 236 eP	pmax	pmax		
BOSA	comp=Z,14nm,0.7s,mb5.0	ep	P	02 25 20.3 +0.6	
BOSA	Boshof 77.18 236 eP	P	P	02 25 20.3 +0.6	
HAU	Haudompre 77.83 317 eP	P	P	02 25 22.4 -0.4	
HAU	Haudompre 77.83 317 eP	pmax	pmax		
HAU	comp=Z,179nm,1.7s,mb5.3	ep	P	02 25 22.4 -0.4	
HAU	Haudompre 77.83 317 eP	P	P	02 25 22.4 -0.4	
HAU	Haudompre 77.83 317 eP	pmax	pmax		
LPG	La Plagne 77.83 314 eP	P	P	02 25 23.1 +0.3	
LPG	comp=Z,168nm,1.5s,mb5.0	ep	P	02 25 23.1 +0.3	
LPG	La Plagne 77.83 314 eP	pmax	pmax		
LPG	La Plagne 77.83 314 eP	P	P	02 25 23.1 +0.3	
LPG	La Plagne 77.83 314 eP	pmax	pmax		
MBDF	Montbardon 77.90 313 eP	P	P	02 25 24.2 +1.0	

MBDF	comp=Z,87nm,1.3s,mb5.2	ep	P	02 25 24.2 +1.0	
MBDF	Montbardon 77.90 313 eP	P	pmax		
BNI	comp=Z,43nm,1.3s,mb5.2	ep	P	02 25 23.5 +0.1	
BNI	Bardonecchia 77.93 314 eP	P	pmax		
BNI	comp=Z,23nm,1.0s,mb5.1	ep	P	02 25 23.5 +0.1	
BNI	Bardonecchia 77.93 314 eP	P	P	02 25 23.5 +0.1	
BAIF	comp=Z,23nm,1.0s,mb5.1	ep	P	02 25 29.3 +0.2	
BAIF	Baives 78.99 319 eP	P	P	02 25 29.3 +0.2	
BAIF	comp=Z,74nm,1.4s,mb5.1	ep	P	02 25 29.3 +0.2	
BAIF	Baives 78.99 319 eP	P	pmax		
BAIF	comp=Z,37nm,1.4s,mb5.1	ep	P	02 25 29.3 +0.2	
BAIF	Baives 78.99 319 eP	P	pmax		
SSF	Saint Saule 79.86 316 eP	P	P	02 25 33.8 -0.1	
SSF	Saint Saule 79.86 316 eP	pmax	pmax		
SSF	comp=Z,56nm,1.5s,mb5.3	ep	P	02 25 33.8 -0.1	
SSF	Saint Saule 79.86 316 eP	P	P	02 25 33.8 -0.1	
BGF	Bois d'Angland 80.39 316 eP	P	P	02 25 36.7 0.0	
BGF	comp=Z,180nm,1.8s,mb5.4	ep	P	02 25 36.7 0.0	
BGF	Bois d'Angland 80.39 316 eP	pmax	pmax		
BGF	comp=Z,90nm,1.8s,mb5.4	ep	P	02 25 42.1 -0.5	
RJF	Les Rejaudoux 81.51 314 eP	P	P	02 25 42.1 -0.5	
RJF	Les Rejaudoux 81.51 314 eP	pmax	pmax		
RJF	comp=Z,66nm,1.4s,mb5.1	ep	P	02 25 42.1 -0.5	
RJF	Les Rejaudoux 81.51 314 eP	P	pmax		
FLW	La Foliniere 82.22 318 eP	P	P	02 25 46.2 0.0	
MAW	Mawson 83.42 191 P	P	P	02 25 53.7 +1.7	
MAW	Mawson 83.42 191 P	P	P	02 25 53.7 +1.7	
MAW	comp=Z,5.3nm,0.6s,mb5.7,baz=348,slow=11,SNR=4.3	ep	P	02 25 53.6 +1.6	
EDSC	Sonsea Array 86.66 311 P	P	P	02 25 09.5 +0.7	
IMA	comp=Z,2.1nm,0.6s,mb4.5,baz=59,slow=4.2,SNR=16	ep	P	02 26 12.9 +1.6	
IMA	Indian Mount 87.30 22 eP	P	pmax		
IMA	Indian Mount 87.30 22 eP	pmax	pmax		
IMA	comp=Z,2.46nm,0.9s,mb5.7	ep	P	02 26 12.8 +1.6	
IMA	Indian Mount 87.30 22 eP	P	P	02 26 12.8 +1.6	
SYO	Syowa Base 90.02 197 iP	P	P	02 26 24.1 -0.1	
SYO	Syowa Base 90.02 197 iP	pP	pP	02 26 25.9 +0.3	
MCK	McKinley 90.20 23 eP	P	pmax	02 26 26.2 +1.1	
MCK	McKinley 90.20 23 eP	pmax	pmax		
MCK	comp=Z,2.0nm,0.6s,mb4.6	ep	P	02 26 26.2 +1.1	
MCK	McKinley 90.20 23 eP	P	P	02 26 26.2 +1.1	
ILAR	comp=Z,2.4nm,0.6s,mb4.7	ep	P	02 26 26.2 +0.2	
ILAR	Eielson Array 90.41 22 P	P	P	02 30 03.0 +0.1	
ILAR	comp=Z,2.2nm,0.6s,mb4.7,baz=300,slow=4.1,SNR=42	ep	P	02 30 03.0 +0.1	
ILAR	Eielson Array 90.41 22 P	PP	PP	02 30 03.0 +0.1	
ILAR	comp=Z,1.0nm,0.8s,baz=304,slow=8.6,SNR=4.4	ep	P	02 44 00.9	
ILAR	Eielson Array 90.41 22 P	P	P	02 44 00.9	
INK	Inuvik 92.32 16 eP	P	P	02 26 35.6 +0.8	
URZ	Urewhra 93.81 128 eP	P	P	02 26 42.3 -0.1	
URZ	comp=Z,6.7nm,0.5s,mb5.2,baz=324,slow=3.8,SNR=35	ep	P	02 26 42.3 -0.1	
URZ	Urewhra 93.81 128 eP	P	P	02 26 42.3 -0.1	
DBIC	Dimbokro 95.70 278 P	P	P	02 26 52.2 +0.7	
DBIC	comp=Z,33nm,1.5s,mb5.5,slow=8.0,SNR=4.9	ep	P	02 26 52.2 +0.7	
VNDA	Vanda 98.41 168 eP	P	P	02 27 04.6 +2.2	
VNDA	Vanda 98.41 168 eP	pmax	pmax		
VNDA	comp=Z,1.0nm,0.9s	ep	P	02 27 02.9 +0.5	
VNDA	Vanda 98.41 168 eP	P	P	02 27 02.9 +0.5	
VNDA	comp=Z,0.7nm,0.9s,mb4.2,baz=86,slow=2.1,SNR=2.1	ep	P	02 27 04.6 +2.2	
VNDA	Vanda				

mb1mx3.5/17,mbtmp3.6/4, Error ellipse: s-maj=52.0km s-min=29.6km az=39.0, Andaman Islands region

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrungarra Arr, BRTR Keskin Array B, GERES GERRSS Array B, etc.

NEIC 29 03:03:07.0, 0.7, 28.98S, 68.30W, h92km, 7km, mb4.7/13, Error ellipse: s-maj=14.8km s-min=6.1km az=83.0

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include YACH Valienar, CPCH Copiapo, CMCH Combarbala, ILCH Ilipal, etc.

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include LVC Limon Verde, LPAZ La Paz, OTAV Otavalo, SDV Santo Domingo, etc.

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include SYO Syowa Base, VNA Vanda, FVM French Village, GDL Guadalupe Moun, etc.

comp=E, 4.9nm, 1.0s, mb4.3

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include LOHW Long Hallow, WUYW Wally Ulrich, YMR Madison River, etc.

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungarra Arr, etc.

IDC 29 03:18:50.2, 0.8, 12.12N, 92.92E, h45km, 6km, mb3.6/7, mbl 3.9/8, mblmx3.6/19, mbltmp3.8/8, ML4.2/1, Error ellipse: s-maj=23.8km s-min=16.1km az=48.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungarra Arr, etc.

IDC 29 03:19:53.8, 7.4, 4.60N, 95.61E, mb4.0/8, mbl 4.1/8, s-maj=179.8km s-min=52.5km az=142.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, etc.

IDC 29 03:27:08.4, 1.2, 8.00N, 90.87E, h31km, 5km, mb3.8/8, mbl 4.0/9, mblmx3.8/20, mbltmp4.0/9, ML4.3/1, Error ellipse: s-maj=27.5km s-min=23.4km az=131.0

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, SHL Shillong, LUBP Lubang, etc.

0.3nm, 0.7s, baz=180, slow=7.4, SNR=3.6

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include FINES FINESS Array B, CMAR Chiang Mai Arr, CMAR Copiapo, etc.

IDC 29 03:34:19.1, 0.9, 13.14N, 92.56E, mb3.9/10, mbl 4.1/10, mblmx3.9/20, mbltmp3.9/10, Error ellipse: s-maj=45.6km s-min=16.8km az=54.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

MOS 29 03:43:59.8, 1.9, 12.65N, 92.37E, h33km, mb4.6/8, Error ellipse: s-maj=30.7km s-min=16.3km az=96.9

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, CMAR Copiapo, CMAR Combarbala, etc.

IDC 29 03:43:57.2, 0.5, 12.85N, 0.06, 92.44E, 0.06, h22km, h22km, 5km, pP, n60, 1s1657, mb4.3/29, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, CMAR Copiapo, CMAR Combarbala, etc.

IDC 29 03:28:27.0, 2.7, 0.10S, 101.05E, mb4.2/4, mbl 4.3/4, mblmx3.8/16, mbltmp4.2/4, Error ellipse: s-maj=258.3km s-min=25.0km az=45.0, Southern Sumatara

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warrungarra Arr, ASAR Alice Springs, FINES FINESS Array B, etc.







0.5nm, 0.6s, baz=270, slow=4.6, SNR=8.8

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

ZAL Zalesovo 50.33 352 P 05 12 19.9 -2.0
BVAR Borovoye Array 52.21 343 P 05 12 35.1 -2.8

BRTR Keskin Array B 73.92 312 P 05 13 59.8 -2.3
MLR Muntele Rosu 71.23 317 P 05 14 43.9 -1.7

FINES FINESS Array B 75.57 333 P 05 15 09.0 -1.7
GERES GERESS Array B 81.44 319 P 05 15 34.8 -0.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 15.24 21 Op P 05 07 04.0 -0.8

SONM Songoing Array 44.9 13 Pp P 05 13 21.8 -0.7
WRA Warramunga Arr 46.93 122 P 05 11 55.9 -2.0

JHO Hitachi 4.59 339 P Pn 05 17 21.5 +0.3
JHO JHO S Sn 05 18 14.9 +0.3
JRY Ryogami san 4.79 321 P Pn 05 17 24.7 +0.6

JAG Ashikaga 4.82 328 P Pn 05 17 25.5 +0.6
JFK Kawachi 5.22 345 S Pn 05 18 28.4 -2.1

JFT Otama 5.50 341 S Pn 05 17 34.6 +0.5
JFT JFT eS Sn 05 18 31.1 +0.6

JMM Muramori 5.72 345 P Pn 05 17 37.7 +0.5
IDC 29 05 28: 18.8, 0.7, 2.61N-94.69E, mb4.3/14, mb1 4.4/15,

MOS 29 05 28: 20.0, 2.0, 6.2, 3.2N-94.45E, h33km, mb4.9/9, Error ellipse: s-maj=32.3km s-min=13.7km az=105.0

Code Station Name Az AZ Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 16.32 15 Op P 05 12 04.1 +0.7

IMP Imphal 22.00 358 e P 05 33 21.3 +5.8
SHL Shillong 23.00 354 e P 05 33 23.0 -1.7

WRA Warramunga Arr 44.90 122 P P 05 36 34.7 -0.7
WRB Tennant Creek 44.95 322 e P 05 36 34.2 -1.2

MKAR Makanchi Array 45.33 348 i P P 05 36 39.0 +0.5
MKAR MKAR pmax pmax

SONM Songoing Array 46.20 11 P P 05 36 46.8 +1.5
ASAR Alice Springs 46.24 127 P P 05 36 46.0 +0.1

ULN Ulanbatar 46.18 12 e P 05 36 46.4 -0.1
ZAK Zakamensk 48.18 e P 05 37 01.4 +0.6

ZAL Zhalanbulak 51.82 353 P P 05 37 29.2 +0.5
NVS Novosibirsk 52.92 352 i P P 05 37 36.7 -0.2

BVAO Borovoye Array 54.14 342 i P P 05 37 45.5 -0.3
BVAO BVAO pmax pmax

BTAR Borovoye Array 54.14 342 P P 05 37 44.8 -1.1
SVK Stephens Creek 56.15 132 P P 05 38 01.6 +0.8

KLR Kul Kur 56.19 28 e P 05 38 06.2 +5.4
BOD Bodaibo 57.15 12 e P 05 38 08.1 +0.5

KMB Kilima Mbogo 57.53 267 P P 05 38 12.8 +2.0
GNI Gani 58.55 317 e P 05 38 19.4 +1.8

ZEI Tsey 60.30 319 e P 05 38 28.3 -1.3
ZEI ZEI i P P 05 38 34.2 +2.2

ARU Arti 60.95 338 i P P 05 38 32.0 -1.8
ARU ARU eS S 05 46 50.0 +0.9

ARU ARU eSS S 05 50 49.4 -0.6
KIV Kislovodsk 61.62 320 e P P 05 38 38.5 -0.1

KIV KIV pmax pmax
SOC Sochi 63.41 318 e P P 05 38 48.5 -2.0

SOC SOC e 05 39 31.5 -0.9
SOC SOC ePPP PPP 05 42 40.1 -3.0

SOC SOC eSS S 05 47 19.4 -1.0
SOC SOC eSS S 05 51 22.9 -6.3

SOC SOC iSS SSS 05 54 15.1 -0.4
SOC SOC pmax pmax

SOC SOC comp=N, 15nm, 0.8s pmax pmax
SOC SOC comp=Z, 12nm, 0.8s, mb5.1 pmax pmax

SOC SOC comp=E, 10.0nm, 0.6s pmax pmax
YAK Yakutsk 64.83 17 e P P 05 38 59.3 -0.2

YAK YAK pmax pmax
BRTR Keskin Array B 66.32 313 P P 05 39 08.6 -0.9

OBN Obninsk 70.13 329 i P P 05 39 32.5 -0.3
OBN OBN pmax pmax

OBN OBN pmax pmax
TIXI Tiksi 72.28 11 i P P 05 39 46.1 +0.5

TIXI TIXI pmax pmax
AKASG Malin Array B 72.63 323 P P 05 39 46.6 -1.4

MLR Muntele Rosu 73.34 317 P P 05 39 52.4 +0.2
FINES FINESS Array B 77.62 333 i P P 05 40 15.6 +0.3

FINES FINES pmax pmax
FINES FINES comp=Z, 2.0nm, 0.7s 77.62 333 P P 05 40 15.9 -0.3

FINES FINES Array B 77.62 333 P P 05 40 15.9 -0.3
GERES GERESS Array B 82.12 319 P P 05 40 40.9 +0.3

BRG Bergliesshuhe 82.15 321 e P P 05 40 42.7 +2.0
BRG BRG pmax pmax

DAVOX Davos 84.56 317 P P 05 40 54.6 +1.5
PDAR Pinedale Array 129.83 23 PKP PKPdf 05 47 30.2 -2.5

TXAR Lajitas Array 143.72 28 PKP PKPdf 05 47 54.9 -3.6
LPAZ La Paz 158.29 20 PKPab PKPab 05 48 54.4 +1.4

LPAZ LPAZ pmax pmax
CNRM 29 05 33: 49.9, 35.27N-2.58W, h11km, MD4.2

CSEM 29 05 33: 51.0, 0.1, 35.07N-2.93W, h5km, ML4.4, Error ellipse: s-maj=3.4km s-min=2.0km az=144.0

MDD 29 05 33: 53.3, 0.8, 34.95N-3.01W, mb4.4/7, Error ellipse: s-maj=7.8km s-min=5.1km az=144.0, PRXIMO

Aftershock PLICIA
MDD EMS: III MELILLA
NEIC 29 05 33: 54.2, 35.00N-3.08W, MG4.4(MDD), After MDD.

NEIC Felt [III] at Melilla.
ZUR\_RM 29 05 33: 54.3, 35.00N-3.08W, h12km, Mw3.9/4, Moment Tensor Solution. s4 Moment tensor: Scale 1014Nm

Mn: 1.06; Mw: 1.10; Ms: 0.40; Ms: -3.41; Ms: -7.79; Ms: 1.49; Best double couple: M: 8.7x10^14 NP1: 270°, 880°, 1156°; NP2: 30°, 866°, 111°. Principal axes: T: 8.809, Plig2, Azm225°; N: -221, Plig64°, Azm69°; P: -8.588, Plig9°, Azm319°

INMG 29 05 33: 54.0, 0.1, 34.98N-3.03W, h5km, 5km, ML3.2 Error ellipse: s-maj=7.5km s-min=3.9km az=121.0

SFS 29 05 33: 54.0, 35.01N-3.08W, ML4.4
IG 29 05 33: 55.2, 35.10N-2.90W, h2km, ML3.9

LDG 29 05 33: 55.1, 0.2, 34.92N-3.01W, h10km, M3.9/4, Error ellipse: s-maj=4.7km s-min=2.2km az=2.0

ISC 29 05 33: 54.1, 0.7, 35.04N-0.04, 3.02W-0.04, h24km, 4km, n127, r132/105, 2C-5D, Strait of Gibraltar

Code Station Name Az AZ Phase ID Time Res h m s ISC
MELI Melilla 0.27 14 Op P 05 33 59.9 +0.6

EBER 477nm, 0.6s, SNR=21 S Sn 05 34 47.3 -0.7
DKH Dar Kharkhour 1.97 284 eP Pn 05 34 26.0 -0.7

ENJ ENJ S Sn 05 34 55.4 +2.8
EMAL Malaga-Limoner 2.07 327 i P Pn 05 34 28.1 0.0

EMAL EMAL S Sn 05 34 53.0 0.0
ERON Agon 2.08 342 P Pn 05 34 27.9 -0.3

ERON ERON S Sn 05 34 55.0 +1.3
EMIJ Mijas 2.09 317 P Pn 05 34 28.0 -0.3

EMIJ EMIJ S Sn 05 34 53.4 -0.5
MDAL Dalia 2.19 294 i S Sn 05 34 54.0 -2.4

MDAL Dalia 2.19 294 i P Pn 05 34 29.0 -0.8
EJLJ Sierra Loja 2.30 337 P Pn 05 34 32.6 +1.2

EJLJ Sierra Loja 2.30 337 P Pn 05 34 32.8 +1.5
EJLJ Sierra Loja 5.8nm, 0.2s, SNR=17 S Sn 05 34 59.6 +0.4

EOJA 19nm, 0.3s 2.37 82 P Pn 05 34 29.0 -3.3
ODJA Bouthaniffa 2.45 229 i P Pn 05 34 34.0 +0.5

MOM Miffias 2.55 301 P Pn 05 34 38.8 +3.8
MOM Miffias 2.61 321 i P Pn 05 34 37.0 +1.2

MOM Miffias 2.69 315 i P Pn 05 34 39.9 +3.0
LJJA Lijar 2.69 315 i P Pn 05 34 39.9 +3.0

ELUO Luque 2.71 338 P Pn 05 35 11.7 +2.0
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR=22 S Sn 05 35 11.7 +2.0

ELUO Luque 2.71 338 P Pn 05 34 38.5 +1.2
ELUO Luque 9.3nm, 0.3s, SNR



Table with columns for location (e.g., AKL, PULI, ALBI), time (e.g., 06 11 32.3), and other data points. Includes entries for various cities like Goa, Lhasa, Bombay, and Hong Kong.

Table with columns for location (e.g., LZH, XAN, GUIM), time (e.g., 06 07 45.5), and other data points. Includes entries for various cities like Jordan, Cauayan, Quanzhou, and various international locations.

Table with columns for location (e.g., WMO, HHC, UCH), time (e.g., 06 07 45.5), and other data points. Includes entries for various cities like Kyzart, Uchoir, Alma-Ata, and various international locations.











Table with columns: SJJG, LR, LR, comp-Z, 7.7um, 22.0s, MS6.4, CJM, Chabela, 146.68, 32, eP, PKPbc, 06 16 25.5 -2.5, COLM, Colima, 147.64, 31, iP, PKPpf, 06 16 34.4 +0.9, etc.

CASC 29 06:02:14.8-1.7, 13.34N-89.87W, h47km, 15km, MD3.8, ML4.6, 2C-13D, El Salvador

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res, SBL, San Blas, 0.55, 26, iP, SBL, SBL, 0.55, 26, iP, SNJE, San Jose, 0.58, 26, eP, etc.

ISC 29 06:02:38.9-6.3, 9.22N-93.58E, h52km, 55km, mb4.3/12, mb1.4/4/13, mb1mx4.2/21, mbtmp4.5/13, ML4.7/1, MS5.7/1, Ms1.5/7.1, ms1mx4.0/32, Error ellipse: s-maj=46.1km, s-min=20.4km, az=58.0

ISC 29 06:02:35.1-0.7, 9.2N-0.1, 93.7E-0.1, h33km, m21, s064/18, mb4.5/13, MS5.7/1, Nicobar Islands region

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res, CMAR, Chiang Mai Arr, 10.51, 29, P, ZAL, Zalesovo, 45.16, 353, P, RDF, Al-Radifan, 47.43, 301, eP, etc.

Table with columns: MAW, Mawson, 79.75, 192, P, ILAR, Eielson Array, 93.68, 22, P, PDAR, Pinedale Array, 124.21, PKP, etc.

ISC 29 06:04:32.2-1.1, 8.82N-93.11E, mb4.4/10, mb1.4/4/10, mb1mx4.2/21, mbtmp4.3/10, Error ellipse: s-maj=47.0km, s-min=26.9km, az=58.0

ISC 29 06:04:35.5-0.9, 8.8N-0.2, 93.1E-0.3, h33km, m11, s1506/10, mb4.4/10, Nicobar Islands region

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res, SONM, Sonoma Array, 40.54, 14, P, NWAO, Narrogin (SRO), 47.41, 152, P, BKRS, Keskin Array B, 61.07, 211, P, etc.

SYO 29 06:05:12.0, 8.78N-93.13E, h1km, MB5.6, BUJ 29 06:05:14.4, 8.77N-93.18E, h30km, mb6.0, mb5.4, Ms6.2, Ms2.9

MOS 29 06:05:15.3-1.0, 8.85N-93.21E, h33km, mb5.7/3, Error ellipse: s-maj=8.7km, s-min=4.0km, az=126.3

ISC 29 06:05:15.9-1.3, 8.84N-93.26E, h24km, 7km, mb5.3/3, mb1.5/4/3, mb1mx5.4/3, mbtmp5.5/3, Error ellipse: s-maj=15.0km, s-min=8.6km, az=44.0

NEIC 29 06:05:16.8-0.2, 8.82N-93.09E, h30km, mb5.6/73, Error ellipse: s-maj=6.1km, s-min=4.5km, az=198.0

HRVD 29 06:05:16.8-0.4, 8.74N-93.24E, h12km, MW5.8/49, Centroid moment tensor solution. LP body waves: s25, c30, Mantle waves: s49, c66; Half duration: 2x0

Moment tensor: Scale 10^17Nm; Mo=0.09t; 11; Mw=0.73t; 07; Mo=0.64t; 08; Mo=0.06t; 24; Mo=1.02t; 26; Mw=6.70t; 23; Best double couple: Mo=6.78x10^17 Np1; phi=278, 89, -173; NP2: phi=181, 889, -81; Principal axes: T: 7.15, P: 13.43, Azm: 262; N: -73, P: 93; Azm: 1; P: -6.42, P: 45, Azm: 100; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

CSEM 29 06:05:19.6, 9.61N-93.15E, h33km, mb5.7, ISC 29 06:05:13.9-0.2, 8.79N-0.04, 93.15E-0.02, h24km, mb2.2/3, mb1mx5.4/3, mbtmp5.5/3, MS6.0/11, 37C-23D, Nicobar Islands region

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res, CM31, Chiang Mai Arr, 11.14, 30, P, CMAR, Chiang Mai Arr, 11.14, 30, P, etc.

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P, CMAR 29 06:05:11.1, 30, P

Table with columns: TGY, Tagaytay City, 27.73, 76, P, ABRA, Dolores, 28.21, 69, eP, DLRH, Dalhousie, 28.50, 328, eP, etc.

Table with columns: GUA, Boca, 28.52, 78, eP, ODI, Odiongan, 28.50, 80, eP, etc.

Table with columns: BALP, Baler, 28.60, 73, eP, APYP, Conner, 28.65, 69, eP, etc.

Table with columns: LZH, Lanzhou, 28.87, 18, eP, Jordan, 29.07, 84, eP, etc.

Table with columns: LZH, comp-Z, 2.162nm, 1.2s, mb5.6, LZH, comp-Z, 823nm, 5.2s, etc.

Table with columns: LZH, comp-Z, 1.77um, 17.0s, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.

Table with columns: LZH, comp-Z, 2.21um, 18.0s, MS5.8, LZH, comp-Z, 2.21um, 18.0s, MS5.8, etc.







φ210°, δ30°, λ-61°. NP2φ, 358°, δ64°, λ-105°. Principal axes: T 1.16, P1g18°, Azm99°; N 1, P1g14°, Azm4°; P -1.25, P1g67°, Azm239°; nsta1 refers to body waves, cutoff=50s. CSEM 29.06:19.06.4, 9.97N-93.68E, h33km, mb5.7

ISC 29.06:19.03.0.3, 9.46N, 0.04-93.74E, 0.04, h33km, (h30km, 1.9km; p-P), n225, s196/212, mb5.0/71, MS5.9/5, 18C-8D, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: NVS, comp, E, Azm, M, b, baz, slope, SNR, P, Pmax, Pmin. Lists seismic event parameters for various stations.

Table with columns: LBTB, comp, E, Azm, M, b, baz, slope, SNR, P, Pmax, Pmin. Lists seismic event parameters for various stations.

29d 6h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like TXAR, JCT, SGT, etc.

BUI 29 06:28:36.3, 11.65N, 92.59E, h29km, mB5.6, mb4.9, Ms5.4, Vaz=2.4
IDC 29 06:28:44.5, 0.5, 12.87N, 92.45E, mb4.6/22, mb1 4.7/23, mb1mx4.6/26, mbtmp4.5/23, ML3.9/1, Error ellipse: s-maj=26.9km s-min=11.1km az=51.0
NEIC 29 06:28:49.2, 3.1, 12.94N, 92.62E, h29km, mB4.6/8, Error ellipse: s-maj=10.4km s-min=9.3km az=78.0
ISC 29 06:28:47.9, 0.3, 12.92N, 0.05, 92.62E, 0.05, h33km, (h17km, 7.5km; p-P), n79, e194/74, mb4/6/31, MS5.3/1,

Main station list for Andaman Islands region. Columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like CHIANG MAI ARR, BHUBANESHWAR, LANZHOU, etc.

2004 DEC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like MORC, GERES, HFS, NB2, etc.

IDC 29 06:30:38.4, 0.4, 13.16N, 92.60E, mb5.0/31, mb1 5.1/31, mb1mx5.1/32, mbtmp5.0/31, Error ellipse: s-maj=17.8km s-min=10.0km az=46.0
SYO 29 06:30:40.4, 13.25N, 92.65E, h10km, MB5.4, MS6.1
CSEM 29 06:30:41.5, 13.26N, 92.81E, h33km, mb5.6
MOS 29 06:30:41.7, 1.0, 13.19N, 92.66E, h33km, mb5.5/50, Error ellipse: s-maj=10.4km s-min=5.1km az=119.8
BUI 29 06:30:42.3, 13.01N, 92.46E, h46km, mb6.1, mb5.2, Ms5.5, Vaz=2.2
NEIC 29 06:30:43.3, 0.2, 13.24N, 92.69E, h30km, mb5.2/44, Error ellipse: s-maj=7.3km s-min=5.7km az=41.0
HRVD 29 06:30:43.0, 6.1, 13.28N, 92.75E, h12km, MW5.3/39, Centroid moment Tensor Solution. LP body waves: s3,c3; Mantle waves: s3r,c57; Half duration: 0 Moment tensor: Scale 10^17Nm; Mr=0.17z, 0.5; Mw=0.03z, 0.3; Mww=0.14z, 0.3; Mw0.42z, 1.0; Mw0.25z, 0.2; Mw-1.1z, 2.3; Best double couple: M1.21x10^17 NP1, az=243, d11=1, lambda=10. NP2: az=342, d88=1, lambda=101. Principal axes: T 1.11, P1g42\*, Azm83\*, N 1.9, P1g11\*, Azm343\*, P-1.31, P1g46\*, Azm214\*; nsta1 refers to surface waves, cutoff=50s.

Main station list for Andaman Islands region (continued). Columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NAKHON SAWAN, CHIANG MAI ARR, CMAR, etc.

1066

Main station list for Andaman Islands region (continued). Columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KSH, KSH, NANJING, etc.









29d 7h

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

IDC 29 07:16:50.4-0.7, 7.05N-91.92E, h32km, 3km, mb4.1/15, mb1 4.2/15, mb1mx4.1/19, mbtmp4.3/15, MS4.7/6, Ms1 4.7/6, ms1mx4.2/24, Error ellipse: s-maj=27.0km

ISC 29 07:16:48.0-0.6, 6.82N-108.9185E, 0.08, h32km, h32km, 3km, mb4.2/8, mb1 4.3/9, MS4.9/6, 1C, Nicobar Islands region

Main table for 29d 7h section, listing various stations and their coordinates. Includes stations like MDRS Chennai, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

IDC 29 07:17:15.0-0.9, 8.67N-93.23E, mb4.5/9, mb1 4.6/9, mb1mx4.3/18, mbtmp4.4/9, Error ellipse: s-maj=47.2km s-min=17.5km az=57.0

ISC 29 07:17:18.0-0.8, 8.6N-102.932E, 0.2, h33km, n12, c0f79/9, mb4.5/9, Nicobar Islands region

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, NWAO Narrogin (SRO), WRA Warramunga Arr, etc.

IDC 29 07:19:44.0-0.7, 6.102N-92.70E, mb4.2/8, mb1 4.3/9, mb1mx4.1/20, mbtmp4.2/9, ML4.6/1, 1C, Error ellipse: s-maj=179.8km s-min=38.3km az=149.0, Andaman Islands region

IDC 29 07:19:45.7-0.9, 8.67N-93.20E, mb4.4/10, mb1 4.5/10, mb1mx4.4/19, mbtmp4.4/10, Error ellipse: s-maj=45.6km s-min=18.1km az=59.0, Nicobar Islands region

Main table for 2004 DEC section, listing various stations and their coordinates. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, BRTR Keskin Array, etc.

1070

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BRTR Keskin Array, FINES FINESS Array, etc.

IDC 29 07:34:23.9-26.0, 23.24S-172.27W, mb4.3/4, mb1 4.4/4, mb1mx4.0/16, mbtmp4.4/2, Error ellipse: s-maj=478.9km s-min=146.2km az=78.0, Tonga Islands region

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.

IDC 29 07:40:23.0-8.8, 8.29N-92.41E, h45km, 76km, mb3.7/9, mb1 3.9/10, mb1mx3.7/20, mbtmp4.0/10, ML3.9/1, Error ellipse: s-maj=78.4km s-min=18.2km az=51.0

ISC 29 07:40:21.3-6.9, 8.3N-103.92SE, 0.3, h46km, 57km, n16, c0f32/16, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, etc.

IDC 29 07:46:39.9-0.5, 4.40N-93.73E, mb4.7/18, mb1 4.4/19, mb1mx4.9/21, mbtmp4.7/19, Error ellipse: s-maj=22.4km s-min=12.9km az=50.0

BUI 29 07:46:42.9, 4.04N-93.81E, h49km, mb5.5, mb5.1, Ms4.8, Ms2.7

MOS 29 07:46:43.0-0.9, 4.39N-93.73E, h33km, mb5.2/26, Error ellipse: s-maj=13.4km s-min=6.5km az=114.7

NEIC 29 07:46:46.2-7.4, 3.38N-93.04E, h2km, 18km, mb5.0/26, Error ellipse: s-maj=8.7km s-min=7.5km az=55.0

ISC 29 07:46:42.0-0.3, 4.30N-104.9380E, 0.0, h28km, h28km, 1.3km, pp-P, n181, c0f96/10, mb5.0/66, MS4.6/4, 5C-4D, Off west coast of northern Sumatra

Main table for 1070 section, listing various stations and their coordinates. Includes stations like PALK Pallekele, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Malin Array Be, FINESS Array B, ARCES ARCES Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sonm Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CHRT Chiangrai, NANT Nan, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CVP Callao Caves, CVP CVP, APVP Conner, etc.

200 DEC

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

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chieng Mai Arr, IMP Imphal, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CHRT Chiangrai, NANT Nan, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, IDI Anoyia, VRI FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.

200 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, VRI FINESS Array B, FINESS FINESS Array B, etc.















Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like La Plagne, Eiskdalemir Arr, Eielson Array, etc.

IDC 29 10:41:42.0:3.2, 18.01Sx174.56W, mb3.6/4, mb1 3.9/4, mb1mx3.7/15, mbtmtpp.6/4, Error ellipse: s-maj=169.7km s-min=29.0km az=148.0, Tonga Islands

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

IDC 29 10:43:34.3:2.4, 2.58N-95.38E, mb3.6/5, mb1 3.9/6, mb1mx3.7/19, mbtmtpp.3/7, ML4.3/1, Error ellipse: s-maj=90.4km s-min=22.4km az=60.0, Off west coast of northern Sumatra

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

DJA 29 10:48:52.3:1.1, 8.45Sx113.40E, h33km, MD5.0/3, ML4.0/2, 2C-5D, Error ellipse: s-maj=32.3km s-min=24.4km az=1.0, Jawa

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

BUI 29 10:52:49.9, 2.88N-95.50E, h20km, mb5.6, mb5.6, Ms5.5, Msz5.4

MOS 29 10:52:52.0:1.1, 2.88N-95.54E, h33km, mb5.6/37, MS5.2/11, Error ellipse: s-maj=10.1km s-min=6.1km az=110.3

NEIC 29 10:52:52.0:0.2, 2.80N-95.57E, mb5.3/29, Error ellipse: s-maj=7.4km s-min=6.2km az=69.0

IDC 29 10:52:52.6:0.3, 2.91N-95.56E, h23km, 1km, mb4.6/28, mb1 4.7/29, mb1mx4.7/21, mbtmtpp.8/29, ML4.9/1, MS4.8/15, Ms1 4.9/15, ms1mx4.7/21, Error ellipse: s-maj=15.3km s-min=7.7km az=45.0

HRVD 29 10:52:52.0:0.3, 2.60N-95.32E, h26km, MW5.4/53, Centroid moment Tensor Solution. LP body waves; s52,c85; Mantle waves: s53,c92; Half duration: 1s2

Moment tensor: Scale 10^17Nm; Mo:0.56t;03; Mo=0.35t;02; Mo=0.20t;02; Mo=0.65t;04; Mo=0.36t;01; Mo=0.99t;04; Best double couple: Mo:1.33x10^17 NP1: 0x291; 815; 157; NP2:0x145; 877; 198; Principal axes: T:1.31, P:57, Azm66; N:03, P:68, Azm323; P: -1.35, P:32, Azm229; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ISC 29 10:52:50.6:0.2, 2.83N, 100.04E, 95.5E, 0.03, h24km, h24km, 5km; p-P, n292, t109/276, mb5.3/93, MS5.2/37, 31C-7D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNG Songkhla, COCO West Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NGP Nagpur, NGP Nagpur, ENYA Eui Nido, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJI comp=N,497nm,15.1s,MS5.3, BJI comp=E,3um,15.1s,MS5.3, etc.



Table with columns: ILAR, comp, PP, PP, 11 10 21.2 -12, etc. Includes stations like Dimabok, Inuvik, Yellowknife, etc.

IDC 29 11:22:33.8, 6.5, 3.6N-94.82E, mb3.7/3, mb1 3.9/4, mb1mx3.8/18, mbtmt3.6/8, ML3.8/1, Error ellipse: s-maj=125.7km s-min=23.9km az=66.0, Northern Sumatara

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

IDC 29 11:27:25.3, 1.8, 7.35N-93.53E, mb3.9/5, mb1 4.0/6, mb1mx3.7/18, mbtmt3.5/6, ML3.8/1, Error ellipse: s-maj=69.6km s-min=22.5km az=63.0, Nicobar Islands region

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

IDC 29 11:43:47.2, 3.9, 7.77N-93.98E, mb3.5/3, mb1 3.6/3, mb1mx3.4/17, mbtmt3.5/3, Error ellipse: s-maj=363.6km s-min=31.3km az=48.0, Nicobar Islands region

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

Table with columns: ASAR, 2.5nm, 0.9s, baz=305, slow=7.2, SNR=14, etc. Includes stations like BVAR Borovoye Array, KMBO Kilima Mbogo, etc.

IDC 29 11:52:16.6, 10.0, 4.75N-95.20E, h59km, 97km, mb4.1/11, mb1 4.3/11, mb1mx4.1/19, mbtmt4.4/11, MS4.6/1, Ms1 4.6/1, ms1mx3.8/21, Error ellipse: s-maj=48.5km s-min=16.9km az=50.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CAL Calcutta, ULHL Ulahou, etc.

IDC 29 11:55:45.0, 2.6, 2.66N-95.37E, mb4.3/4, mb1 4.5/5, mb1mx4.0/19, mbtmt4.3/5, ML4.1/1, MS4.8/3, Ms1 4.8/3, ms1mx4.2/16, Error ellipse: s-maj=90.7km s-min=27.6km az=59.0, Off west coast of northern Sumatara

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

IDC 29 11:58:38.8, 0.5, 13.69N-93.02E, mb4.8/18, mb1 4.9/19, mb1mx4.9/20, mbtmt4.8/19, ML4.7/1, MS4.4/8, Ms1 4.5/8, ms1mx4.2/18, Error ellipse: s-maj=23.3km s-min=12.5km az=51.0

BJI 29 11:58:40.5, 13.32N-92.99E, h43km, mb5.2, mb4.9, Ms4.9, Ms2.6, CSEM 29 11:58:42.9, 13.90N-93.35E, h33km, mb5.5, NEIC 29 11:58:42.6, 0.3, 13.75N-93.13E, mb5.2/45, Error ellipse: s-maj=7.9km s-min=6.8km az=179.0

HRVD 29 11:58:42.6, 0.3, 13.66N-93.11E, h14km, 1km, MW5.1/58, Centroid moment Tensor Solution. LP body waves: s32, c39, Mantle waves: s58, c112; Half duration: 0 Moment tensor: Scale 10^19Nm; M=0.03E+15; Mw=4.16E+16; Mw=4.33E+55; Mw=3.60E+16; Mw=0.51E+31; Best double couple: Mw=38x1016 N1p21, 366, 1.168N, NP2a, 116, 1.879, A255; Principal axes: T 7.14, Plg255; Azm341; N-1.53, Plg63; Azm139; P-5.61, Plg29; Azm247; nst1a refers to body waves, cutoff=40s, nst2a refers to surface waves, cutoff=50s.

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

Table with columns: GUN Gumba, 15.68 336 eP, P, 12 02 21.4 -0.7, etc. Includes stations like DMN Daman, KKN Kakani, LSA Lhasa, etc.

Table with columns: AKL Akola, 16.68 257 iP, S, 12 05 26.3 -1.2, etc. Includes stations like BHPH Bhopal, MNGI Mangalore, etc.

Table with columns: GYA Gyangay, 17.95 431 iP, P, 12 02 53.3 +2.6, etc. Includes stations like GYA Gyangay, GYA Gyangay, etc.

Table with columns: POO Poona, 19.13 287 iP, P, 12 03 03.0 -2.1, etc. Includes stations like POO Poona, AGRA Agra, etc.

Table with columns: SMLA Simla, 22.73 322 iP, S, 12 03 57.0, etc. Includes stations like SMLA Simla, SDNR Sundarnagar, etc.

Table with columns: THN Thein Dam, 24.52 322 eP, P, 12 03 59.6 -0.3, etc. Includes stations like THN Thein Dam, JASL Jaisalmer, etc.

Table with columns: WAN Wuhang, 25.77 46 eP, P, 12 04 15.0 +3.3, etc. Includes stations like WAN Wuhang, GTA Gaotai, etc.

Table with columns: KSH Kashi, 29.84 333 P, P, 12 04 45.8 +0.9, etc. Includes stations like KSH Kashi, KSH Kashi, etc.

Table with columns: WMQ Urumqi, 30.93 352 P, P, 12 04 54.8 +1.4, etc. Includes stations like WMQ Urumqi, SSE Sheshan, etc.

Table with columns: HHC Hu-huo-tiao, 31.49 27 eP, P, 12 05 04.3 +1.1, etc. Includes stations like HHC Hu-huo-tiao, HHC Hu-huo-tiao, etc.

Table with columns: UCH Uchter, 32.69 334 P, P, 12 05 14.6 +1.1, etc.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBIC, Vnda, Vnda, Vnda, YKA, YKA, YKA, ULM, ELK, ELK, PDAR, PDAR, NVAR, NVAR, MVU, MVU, MSU, MSU, BNM, BNM, GD12, GD12, TXAR, TXAR, JCT, JCT, BDFB, BDFB, TEIG, TEIG, TRQA, TRQA, MIAR, MIAR, LPAZ, LPAZ, LPAZ, LPAZ.

NEIC 29 12:01:09.9, 32.135, 70.16W, h114km, MD3.6(GUC), After GUC.

GUC 29 12:01:09.9, 0.6, 32.135, 70.16W, h114km, MD3.6, ML3.2, 2C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACH, JACH, PEL, PEL, PEL, ROCH, ROCH, PACH, PACH, FCH, FCH, FCH, CLCH, CLCH, CLCH, MDZ, MDZ, RCDM, RCDM, RCDM, RCDM, PCH, PCH, TACH, TACH, LMEL, LMEL, LMEL, LCCH, LCCH, CHCH, CHCH, LNV, LNV, LNV.

NAO 29 12:03:04.1, 3.3, 68.05N, 32.60E, ML2.4 (Upp), HEL 29 12:03:03.1, 0.3, 68.13N, 32.97E, ML1.9, ML1.8 (Upp), ML2.4 (NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APAO, APAO, APAO, APAO, APAO, KUA, KUA, KUA, SGF, SGF, SGF, KEV, KEV, KEV, ARAO, ARAO, ARAO, ARAO, ARAO, KTK1, KTK1, PAJU, PAJU, OUL, OUL, MASU, MASU, ERTU, ERTU, KJN, KJN, KUA, KUA, DUNU, DUNU.

IDC 29 12:05:43.5, 25.0, 3.10N, 96.24E, mb4.0/3, mb1 4.2/3, mb1mx3.7/16, mbtmt4.0/3, Error ellipse: s-maj=501.6km s-min=229.2km az=145.0, Northern Sumatara

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

IDC 29 12:07:09.0, 2.1, 12.48N, 93.02E, mb3.9/3, mb1 4.1/4, mb1mx3.7/18, mbtmt3.8/4, ML3.9/1, Error ellipse: s-maj=64.7km s-min=33.6km az=80.0, Andaman Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, CMAR, WRA, WRA, WRA, ASAR, ASAR, ILAR, ILAR.

IDC 29 12:14:05.6, 2.7, 4.86N, 95.39E, mb3.7/5, mb1 3.8/5, mb1mx3.6/18, mbtmt3.7/5, Error ellipse: s-maj=115.4km s-min=21.7km az=59.0, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, CMAR, SONM, SONM, WRA, WRA, ASAR, ASAR, ZAL, ZAL, BVAR, BVAR.

IDC 29 12:16:53.8, 43.0, 14.74S, 169.77W, mb4.1/3, mb1 4.3/3, mb1mx3.8/15, mbtmt4.1/3, Error ellipse: s-maj=86.4km s-min=185.2km az=79.0, Samoa Islands

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

IDC 29 12:26:54.1, 2.7, 10.24N, 92.31E, mb3.5/3, mb1 3.7/4, mb1mx3.5/18, mbtmt3.5/4, ML3.6/1, Error ellipse: s-maj=80.5km s-min=30.5km az=72.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, CMAR, ZAL, ZAL, WRA, WRA, ASAR, ASAR.

IDC 29 12:27:58.8, 10.0, 7.58N, 93.96E, h66km, 85km, mb3.5/6, mb1 3.7/7, mb1mx3.5/18, mbtmt3.8/7, ML3.6/1, Error ellipse: s-maj=104.9km s-min=19.0km az=61.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, CMAR, SONM, SONM, ZAL, ZAL, WRA, WRA, ASAR, ASAR, STKA, STKA, FINES, FINES.

IDC 29 12:31:59.5, 0.7, 8.26N, 93.42E, mb4.0/13, mb1 4.1/14, mb1mx4.1/20, mbtmt4.0/14, ML3.8/1, Error ellipse: s-maj=38.2km s-min=14.4km az=56.0

NEIC 29 12:32:05.0, 0.7, 8.55N, 93.78E, h30km, mb4.1/4, Error ellipse: s-maj=23.1km s-min=12.9km az=87.0

IDC 29 12:32:02.9, 0.6, 8.45N, 0.08, 93.2E, 0.1, h30km, n29, 4894/27, mb4.1/18, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CM31, CMAR, PKI, PKI, GUN, DMN, KKN, LSK, LSK, KLN, SONM, ZAL, NWAO, NWAO, NWAO, BVAR, WRA, ASAR, STKA, BRTR, AKAS, FINES, LBTB, ARCES, GERES, KMBO, EIL, BRTR, MLR, GERES.

IDC 29 12:54:19.3, 1.2, 5.7N, 0.2, 94.7E, 0.2, h33km, n11, 4071/11, mb4.3/10, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, PKI, DMN, GUN, KKN, GKN, KLN, WRA, ASAR, BRTR.

IDC 29 12:58:59.5, 1.7, 28.90N, 130.62E, mb3.8/5, mb1 3.8/6, mb1mx3.6/23, mbtmt3.8/6, ML3.5/1, MS3.0/1, Ms1 3.0/1, ms1mx2.9/29, Error ellipse: s-maj=47.1km s-min=23.4km az=89.0

JMA 29 12:59:03.0, 0.2, 28.94N, 130.56E, h69km, M3.4

IDC 29 12:59:02.1, 0.2, 28.84N, 0.05, 130.75E, 0.08, h35km, 11km, n15, 4097/20, mb3.8/5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JZK, JZK, JAM, JAM, JMN, JMN, JTK, JTK, JTK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, WRA, SONM, ASAR, ZAL, BVAR, STKA, GNI, FINES, GERES.

IDC 29 12:44:05.9, 1.8, 3.39N, 95.68E, mb3.9/7, mb1 4.0/7, mb1mx3.8/17, mbtmt3.9/7, Error ellipse: s-maj=84.2km s-min=21.1km az=55.0

IDC 29 12:44:08.1, 1.2, 3.1N, 0.2, 95.4E, 0.3, h33km, n14, 4154/14, mb4.3/12, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, PKI, DMN, GUN, KKN, GKN, KLN, WRA, SONM, ASAR, ZAL, BVAR, ARCES.

IDC 29 12:45:42.4, 1.1, 5.40N, 92.41E, mb3.9/8, mb1 4.2/9, mb1mx4.0/20, mbtmt3.9/9, ML3.8/1, MS4.1/5, Ms1 4.1/5, ms1mx3.7/26, Error ellipse: s-maj=41.8km s-min=20.3km az=50.0

IDC 29 12:45:46.0, 0.9, 5.4N, 0.1, 92.6E, 0.2, h33km, n17, 4094/15, mb4.2/11, MS4.2/11, MS4.2/4, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, PKI, CMAR, DMN, GUN, KKN, GKN, KLN, SONM, WRA, ZAL, ASAR, ASAR, BVAR, KMBO, EIL, BRTR, MLR, GERES.

IDC 29 12:54:04.9, 1.4, 5.56N, 92.73E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, mbtmt3.5/5, Error ellipse: s-maj=57.1km s-min=23.0km az=50.0

IDC 29 12:54:19.3, 1.2, 5.7N, 0.2, 94.7E, 0.2, h33km, n11, 4071/11, mb4.3/10, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, PKI, DMN, GUN, KKN, GKN, KLN, WRA, ASAR, BRTR.

IDC 29 12:58:59.5, 1.7, 28.90N, 130.62E, mb3.8/5, mb1 3.8/6, mb1mx3.6/23, mbtmt3.8/6, ML3.5/1, MS3.0/1, Ms1 3.0/1, ms1mx2.9/29, Error ellipse: s-maj=47.1km s-min=23.4km az=89.0

JMA 29 12:59:03.0, 0.2, 28.94N, 130.56E, h69km, M3.4

IDC 29 12:59:02.1, 0.2, 28.84N, 0.05, 130.75E, 0.08, h35km, 11km, n15, 4097/20, mb3.8/5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JZK, JZK, JAM, JAM, JMN, JMN, JTK, JTK, JTK.







1087

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WETZ, MOA, OHCM, PERS, MSO, etc.

2004 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPGA, LPGA, LPLU, etc.

29d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WWT, NATX, SSSA, etc.

Table titled 'JMA 29 13:23:41.5-0.2, 28.89N-130.73E, h19km, M4.0, Ryukyu Islands' showing station names, coordinates, and other data.

Table titled 'IDC 29 13:26:38.8-0.9, 9.03N-93.68E, mb4, 1/10, mb1 4.3/11, mb1mx4.2/18, mbtmp4, 1/11, ML4.6/1, Error ellipse: s-maj=39.0km s-min=19.2km az=54.0' showing station names, coordinates, and other data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GKN Gorkha, SONM Songino Array, SONM 2.1nm, 0.7s, baz=178, slow=2.6, SNR=3.7, etc.

13 31 22.9 +0.1
13 34 16.3 0.0
13 36 21.4 +0.1
13 34 58.9 -0.2
13 35 29.8 0.0
13 35 43.7 +0.8
13 36 58.3 -0.9
13 36 56.9 -1.1
13 38 00.5 -1.2
13 38 16.6 +0.2
13 38 32.5 +0.3
13 38 41.6 -0.3
13 39 56.4 -0.5
13 45 39.6 +1.6
13 45 40.0 +2.0
13 46 07.8 +2.7

13 31 22.9 ± 0.5, 8.83N-93.82E, mb4.3/21, mb1.4/4/21,
mb1mx4.4/22, mbtmp4.3/21, MS4.0/1, Ms1.4/21,
ms1mx3.0/24, Error ellipse: s-maj=26.4km s-min=12.4km
az=51.0

BUI 29 13:50:35.4, 8.92N-93.33E, h41km, mb5.2, mb4.6, Ms5.1,
Ms25.1

NEIC 29 13:50:36.2, 4.8, 8.0N-93.82E, h42km, 20km, mb4.8/21,
Error ellipse: s-maj=16.0km s-min=13.5km az=206.0

ISC 29 13:50:31.2, 3.2, 8.77N, 0.07, 93.88E, 0.06, h18km, 22km,
n101, r130/89, mb4.6/43, MS4.6/1, 2C, Nicobar Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishalapatnam, KOD Kodaikanal, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SONM Chhatlo Array, ZAL Zalesovo, NWAO Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GNI Garni, KBRS Khyabar, ARU Arti, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mavora Lakes, TUZ Tuapeka, etc.

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

JMA Felt III.1,
NEIC 29 13:58:50.3, 0.2, 38.46N-142.02E, mb5.2/86,
MW5.6(NIED), Error ellipse: s-maj=5.8km s-min=3.7km
az=167.0
NEIC Felt at Sendai, Recorded [2 JMA] in Akita, Aomori,
Fukushima, Iwate and Miyagi; [1 JMA] in Ibaraki, Tochigi
and Yamagata Prefectures.
HRVD 29 13:58:50.3, 0.2, 38.52N-142.20E, h36km, MW5.6/73,
Centroid moment Tensor Solution, LP body waves:
s54, c105; Mantle waves: s73, c155; Half duration: 196
Moment tensor: Scale 10^17Nm; Mr2: 18.06;
Ms: 2.44; 0.4; Best double couple: Ms3.49x10^17 NP1:
Ms191°; S20°; L79°; NP2: 22°; S70°; A94°. Principal axes:
T: 3.44, P: 6.65, Azm: 299°; N: 11, P: 64°, Azm: 201°; P: -3.55,
Plg: 25°, Azm: 109°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
SYO 29 13:58:52.1, 38.51N-141.91E, h55km, MB5.0
CSEM 29 13:58:53.1, 39.76N-142.29E, h33km, mb5.6
NIED 29 13:58:50.3, 38.40N-142.30E, h38km, MW5.6 Best double
couple: Ms2.92x10^17 NP1: 21°, S76°, A93°. NP2: 26°, 188°,
614°, 177°

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WHZ Wether Hill Ro, MLZ Mavora Lakes, TUZ Tuapeka, etc.

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



KLR	Kul'dur	13.07 329	eP	P	14 01 51.6	-2.9
KLR			e	MLR	14 04 20.0	
comp=Z,13um,14.0s						
CN2	Changchun	13.60 298	eP	P	14 02 03.0	+1.6
CN2			XP	S	14 02 21.8	
CN2			eS	AMB	14 04 31.0	-0.7
comp=Z,10.0nm,0.6s						
CN2				AMB	AMB	AMB
comp=Z,2um,9.0s				LR	LR	
CN2				LR	LR	
comp=N,7um,16.0s						
CN2				LR	LR	
comp=E,11um,16.0s						
CN2				LR	LR	
comp=Z,11um,17.0s						
SKR	Severo-Kuril's	15.78 35	eP	P	14 02 22.9	-6.8
SKR			eS	P	14 05 12.0	-11
comp=Z,60nm,0.5s				pmx	pmx	
SKR				pmx	pmx	
comp=Z,80nm,0.5s						
SKR				smx	smx	
comp=E,120nm,0.8s						
SKR				smx	smx	
comp=N,3um,8.0s						
SKR				smx	smx	
comp=E,6um,8.0s				MLR	MLR	
SKR				MLR	MLR	
comp=N,3um,14.0s						
SKR				MLR	MLR	
comp=E,3um,14.0s						
DL2	Dalian	15.95 278	P	P	14 02 33.0	+1.1
DL2			S	AMB	14 05 21.8	-5.1
comp=Z,100nm,1.1s				AMB	AMB	
DL2						
comp=Z,1um,6.3s				LR	LR	
DL2				LR	LR	
comp=N,2um,14.8s				LR	LR	
DL2				LR	LR	
comp=E,5um,16.2s						
DL2				LR	LR	
comp=Z,6um,18.5s						
JOW	Kunigami	16.37 229	Ph	P	14 02 38.4	+1.2
PET	Petropavlovsk	18.55 33	eP	P	14 03 04.0	-0.2
PET			eS	S	14 06 27.0	+1.0
comp=Z,1um,19.0s				pmx	pmx	
PET				pmx	pmx	
comp=Z,116nm,1.3s				smx	smx	
PET				smx	smx	
comp=N,3um,16.4s						
PET				smx	smx	
comp=E,4um,10.5s				MLR	MLR	
PET						
comp=Z,6um,20.0s						
PET	Petropavlovsk	18.55 33	eP	P	14 03 02.6	-1.6
SSE	Sheshan	18.61 253	P	P	14 03 01.5	-3.6
SSE			S	S	14 06 28.5	+1.0
SSE			XS	AMB	14 06 46.0	
comp=Z,189nm,1.0s				AMB	AMB	
SSE				AMB	AMB	
comp=Z,711nm,6.8s				LR	LR	
SSE				LR	LR	
comp=N,2um,15.4s				LR	LR	
SSE				LR	LR	
comp=E,4um,15.6s				LR	LR	
SSE				LR	LR	
comp=Z,7um,15.5s						
HIA	Hailar	19.30 311	eP	P	14 03 11.1	-1.7
TIA	Tian	19.32 271	eP	P	14 03 17.0	-2.7
TIA			AMB	AMB		
comp=Z,63nm,1.1s						
NJ2	Nanjing	19.96 258	eP	P	14 03 18.0	-2.0
NJ2			AP	PP	14 03 26.8	
NJ2			PP	PP	14 03 38.0	-2.1
NJ2			PPP	PPP	14 03 47.5	-2.2
NJ2			GTA	GTA	14 06 57.0	+0.3
NJ2			XS	AMB	14 07 12.0	
comp=Z,170nm,0.8s				AMB	AMB	
NJ2				AMB	AMB	
comp=Z,4um,12.0s				LR	LR	
NJ2				LR	LR	
comp=N,10um,17.8s				LR	LR	
NJ2				LR	LR	
comp=E,13um,17.8s				LR	LR	
NJ2				LR	LR	
comp=Z,16um,18.8s						
BJT	Baijiatou	20.09 283	eP	P	14 03 18.2	-3.1
BJT			pmx	pmx		
comp=Z,34nm,0.8s						
BJT	Baijiatou	20.09 283	eP	P	14 03 18.2	-3.1
Chul'man		21.61 334	eP	P	14 03 35.4	-1.3
CLNS			ePPP	PPP	14 04 01.1	-1.1
CLNS			eS	S	14 07 30.6	+2.6
CLNS			eS	SS	14 07 42.2	
CLNS			eSS	SS	14 07 55.6	-1.1
comp=Z,39nm,0.7s,mb5.0				pmx	pmx	
CLNS				pmx	pmx	
comp=N,33nm,1.1s				pmx	pmx	
CLNS				pmx	pmx	
comp=E,19nm,1.0s				pmx	pmx	
CLNS				pmx	pmx	
comp=N,82nm,1.1s				pmx	pmx	
CLNS				pmx	pmx	
comp=Z,89nm,1.1s,mb5.1				smx	smx	
CLNS				smx	smx	
comp=E,49nm,0.9s						
CLNS				smx	smx	
comp=Z,632nm,11.7s				smx	smx	
CLNS				smx	smx	
comp=N,1um,10.3s						
CLNS				smx	smx	
comp=E,300nm,8.1s				MLR	MLR	
CLNS				MLR	MLR	
comp=N,8um,18.0s,MS5.2				MLR	MLR	
CLNS				MLR	MLR	
comp=Z,11um,18.0s,MS5.3				MLR	MLR	
CLNS				MLR	MLR	
comp=E,800nm,17.0s,MS5.2						
MA2	Magadan	21.87 12	eP	P	14 03 38.1	-1.2
MA2			pmx	pmx		
comp=Z,51nm,0.8s,mb5.0						
MA2	Magadan	21.87 12	eP	P	14 03 38.1	-1.2
Hu-ho-hao-te		23.53 286	eP	P	14 03 53.3	-2.4
HHC			AP	PP	14 04 08.0	
HHC			XP	PP	14 04 14.0	
HHC			PP	PP	14 04 25.5	-3.6
HHC			PcP	PcP	14 07 42.3	+0.6
HHC			S	AMB	14 07 55.0	-7.6
comp=Z,14nm,1.0s,mb4.3				AMB	AMB	
HHC				AMB	AMB	
comp=Z,1um,10.8s				LR	LR	
HHC				LR	LR	
comp=N,2um,14.9s,MS5.5				LR	LR	
HHC				LR	LR	
comp=E,12um,15.9s,MS5.5				LR	LR	
HHC				LR	LR	
comp=Z,14um,13.9s,MS5.6				LR	LR	
OZH	Quanzhou	23.99 243	P	P	14 04 02.8	+2.6
OZH			S	S	14 08 14.0	+3.4
comp=N,8um,15.6s				LR	LR	
OZH				LR	LR	
comp=E,8um,21.0s				LR	LR	
OZH				LR	LR	
comp=Z,10um,21.3s						
WHN	Wuhan	24.08 259	P	P	14 04 00.8	-0.3
WHN			S	S	14 08 03.0	-9.2
comp=N,2um,21.0s				LR	LR	
WHN				LR	LR	
comp=E,10um,15.3s				LR	LR	
WHN				LR	LR	
comp=Z,15um,19.3s,MS5.5						

BTO	Baotou	24.72 285	eP	P	14 04 04.8	-2.5
BTO			S	S	14 08 28.8	+5.9
comp=Z,17nm,1.6s,mb4.3						
YAK	Yakutsk	24.81 346	eP	P	14 04 06.2	-1.6
YAK			pmx	pmx		
comp=Z,85nm,1.0s,mb5.2						
YAK				MLR	MLR	
comp=Z,5um,15.0s,MS5.1						
YAK	Yakutsk	24.81 346	eP	P	14 04 06.1	-1.7
SEY	Seymchan	25.31 11	eP	P	14 04 13.3	+0.7
SEY						
comp=Z,3nm,0.8s,mb5.3						
SEY			e	S	14 04 49.7	
SEY			eS	S	14 07 46.7	
SEY			eSSS	SSS	14 08 33.9	+1.5
SEY			pmx	pmx	14 08 47.2	-6.7
comp=Z,190nm,0.8s,mb5.7						
SEY				smx	smx	
comp=N,11um,8.7s				smx	smx	
SEY				MLR	MLR	
comp=E,2um,5.6s				MLR	MLR	
SEY				MLR	MLR	
comp=Z,6um,20.0s,MS5.1				MLR	MLR	
SEY				MLR	MLR	
comp=N,5um,17.0s,MS5.1				MLR	MLR	
SEY				MLR	MLR	
comp=E,2um,16.0s,MS5.1						
FX1	Attu Island-F	25.85 46	eP	P	14 04 18.2	+0.4
BOD	Bodaibo	26.62 326	IP	P	14 04 24.0	-0.8
XAN	Xi'an	26.99 271	P	P	14 04 26.0	-2.4
ULN	Ulaanbaatar	27.00 302	IP	P	14 04 27.6	-0.8
CVP	Callao Caves	27.19 226	eP	P	14 04 31.0	+0.6
APYV	Conner	27.39 227	eP	P	14 04 30.7	-1.6
SONM	Songino Array	27.44 302	eP	P	14 04 31.8	-0.6
CAUP	Cauyang	27.80 225	eP	P	14 04 53.9	+4.9
ABRA	Dolores	27.87 228	eP	P	14 04 36.5	-0.2
ENH	Enshi	27.97 263	eP	P	14 04 35.9	-1.6
IRK	Irkutsk	29.54 310	eP	P	14 04 49.8	-1.4
IRK				P	14 05 06.3	+2.0
IRK				P	14 04 53.3	-0.2
IRK				P	14 04 52.7	-0.8
IRK				P	14 09 35.1	
comp=Z,34nm,1.0s,mb5.0				pmx	pmx	
IRK				MLR	MLR	
comp=Z,9um,18.0s,MS5.5						
IRK	Talaya	29.80 309	IP	P	14 04 53.0	-0.5
IRK	Zakamensk	29.81 306	eP	P	14 04 52.3	-1.3
IRK	LZH	30.35 278	IP	P	14 04 57.5	-1.0
IRK	LZH		AP	PP	14 05 10.0	-1.7
IRK	LZH		XP	sP	14 05 15.5	-2.5
comp=Z,100nm,1.2s,mb5.4				AMB	AMB	
IRK	LZH			AMB	AMB	
comp=Z,536nm,6.2s				LR	LR	
IRK	LZH			LR	LR	
comp=E,8um,14.2s				LR	LR	
IRK	LZH			LR	LR	
comp=Z,10um,16.0s,MS5.5						
IRK	Tagayay City	30.61 223	P	P	14 05 01.3	+0.3
IRK	Mondy	31.43 308	eP	P	14 05 07.7	-0.2
IRK	Guya	31.97 259	IP	P	14 05 11.3	-1.6
IRK	Guya		AP	PP	14 05 25.5	-0.6
IRK	Guya		XP	sP	14 05 33.5	+0.8
IRK	Guya		XS	AMB	14 10 42.8	
comp=Z,60nm,1.1s,mb5.3				LR	LR	
IRK	Guya			LR	LR	
comp=N,3um,20.3s,MS5.1				LR	LR	
IRK	Guya			LR	LR	
comp=E,2um,19.7s,MS5.1				LR	LR	
IRK	Guya			LR	LR	
comp=Z,5um,19.7s,MS5.2						
IRK	BILL	32.53 17	IP	P	14 05 15.8	-1.6
IRK	Gaotai	32.65 285	IP	P	14 05 19.0	+0.3
IRK	GTA		AP	PP	14 05 31.0	-0.9
IRK	GTA		XP	sP	14 05 36.3	-2.0
IRK	GTA		PP	PP	14 06 25.5	-3.2
IRK	GTA		XS	PcP	14 08 03.3	-0.5
IRK	GTA		S	P	14 10 25.8	-4.1
IRK	GTA		PcS	AMB	14 11 49.5	
comp=Z,25nm,0.8s,mb5.2				AMB	AMB	
IRK	GTA			AMB	AMB	
comp=Z,1um,11.4s				LR	LR	
IRK	GTA			LR	LR	
comp=N,3um,20.1s,MS5.5				LR	LR	
IRK	GTA			LR	LR	
comp=E,10um,17.9s,MS5.5				LR	LR	
IRK	GTA			LR	LR	
comp=Z,14um,18.3s,MS5.7						
IRK	GTA					







Table of satellite data for 1093, listing stations like GTA, NBJ, HHC, etc., with columns for station name, coordinates, and other parameters.

Table of satellite data for 2004 DEC, listing stations like OBN, CTA, CTAO, etc., with columns for station name, coordinates, and other parameters.

Table of satellite data for 29d 15h, listing stations like SSOR, RVW, CPW, etc., with columns for station name, coordinates, and other parameters.







29d 15h

Table with columns for flight codes (e.g., TGY, LGTI, PTH), destinations (e.g., Tagaytay City, Lohaghat), times, and status indicators (e.g., P, S, A, B).

2004 DEC

Table with columns for flight codes (e.g., TLY, TLY, CN2), destinations (e.g., Talaya, Changchun), times, and status indicators (e.g., P, S, A, B).

1096

Table with columns for flight codes (e.g., MALT, AYUS), destinations (e.g., Malatya, Ayunat), times, and status indicators (e.g., P, S, A, B).



29d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONMI Songoing Array, ZAL Zalesovo, WRA Warrungarra Arr, ASAR Alice Springs, BRTR Keskin Array B, GERES GERES Array B, PDAR Pinedale Array.

IDC 29 16:06:7.1, 0.3, 0.00N-93.80E, mb4.1/9, mb1 4.3/10, mb1mx4.1/20, mbtmp4.1/10, ML3.9/1, Error ellipse: s-maj=45.3km s-min=17.0km az=51.0

IDC 29 16:10:0.0, 0.8, 3.0N, 0.1-93.9E, 0.2, h33km, n10, <math>\alpha=57^{\circ}10'</math>, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrungarra Arr, SONMI Songoing Array, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, STKA Stephen Creek, BRTR Keskin Array B, GERES GERES Array B, DAVOX Davos.

IDC 29 16:24:03.5, 4.5, 7.12N-94.08E, mb3.7/3, mb1 3.9/3, mb1mx3.6/17, mbtmp3.7/3, Error ellipse: s-maj=328.1km s-min=33.1km az=51.0, Nicobar Islands region

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

IDC 29 16:28:52.1, 0.9, 7.85N-93.62E, mb4.2/12, mb1 4.3/12, mb1mx4.2/18, mbtmp4.1/12, Error ellipse: s-maj=44.6km s-min=17.6km az=50.0

IDC 29 16:28:53.0, 8.8, 7.8N, 0.2-93.6E, 0.2, h20km, 59km, n26, <math>\alpha=74^{\circ}23'</math>, mb4.0/20, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONMI Songoing Array, ZAL Zalesovo, WRA Warrungarra Arr, BVAR Borovoye Array, ASAR Alice Springs, BRTR Keskin Array B, AKASO Malin Array Be, FINES FINESS Array B, KAF Kangasniemi, ARCES ARCES Array B, GERES GERES Array B, KHC Kasperske Hory, NB2 NORSAR Subarra, NOA NORSAR Array B, LPGA La Plaga, ILAR Eielson Array, ULM Lao du Sonner, NVAR Mina Array Bea, TXAR Lailias Array.

IDC 29 16:30:15.6, 1.0, 8.22N-93.75E, h27km, 55km, mb3.9/11, mb1 4.1/12, mb1mx4.0/19, mbtmp4.1/12, ML5.0/1, Error ellipse: s-maj=40.5km s-min=17.4km az=50.0

IDC 29 16:30:13.4, 0.8, 8.2N, 0.1-93.8E, 0.2, h29km, h29km, 1.3km, p-P, n14, <math>\alpha=75^{\circ}14'</math>, mb4.1/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, BVAR Borovoye Array, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, BRTR Keskin Array B, BRTR Keskin Array B, AKASO Malin Array Be, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCES Array B, GERES GERES Array B, KHC Kasperske Hory, NB2 NORSAR Subarra, NOA NORSAR Array B, ILAR Eielson Array.

2004 DEC

0.3nm, 0.7s, mb3.8, baz=281, slow=4.0, SNR=4.5

IDC 29 16:34:17.8, 1.4, 5.4, 5.7N-94.37E, mb3.8/7, mb1 4.0/7, mb1mx3.8/18, mbtmp3.8/7, Error ellipse: s-maj=66.9km s-min=20.5km az=54.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMI Songoing Array, WRA Warrungarra Arr, ZAL Zalesovo, BVAR Borovoye Array, FINES FINESS Array B, GERES GERES Array B.

IDC 29 16:37:19.6, 4.4, 5.21N-94.00E, mb3.8/3, mb1 4.0/3, mb1mx3.5/17, mbtmp3.8/3, Error ellipse: s-maj=38.6km s-min=31.5km az=47.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, FINES FINESS Array B.

IDC 29 16:39:40.8, 1.3, 8.84N-93.76E, mb3.9/9, mb1 4.1/9, mb1mx3.9/18, mbtmp3.9/9, Error ellipse: s-maj=52.5km s-min=26.1km az=50.0

IDC 29 16:39:44.0, 1.1, 8.9N, 0.2-93.8E, 0.3, h33km, n15, <math>\alpha=48^{\circ}15'</math>, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONMI Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, BRTR Keskin Array B, FINES FINESS Array B, ARCES ARCES Array B, GERES GERES Array B, NOA NORSAR Array B.

IDC 29 16:42:11.6, 1.0, 4.59N-94.95E, mb4.5/11, mb1 4.6/11, mb1mx4.4/19, mbtmp4.5/11, MS4.0/1, Ms1 4.0/1, ms1mx2.9/24, Error ellipse: s-maj=43.6km s-min=17.7km az=40.0

BUI 29 16:42:13.0, 3.99N-95.02E, h52km, mb4.5, mb4.9, Ms4.3, Ms2.9

NEIC 29 16:42:15.8, 0.9, 4.43N-94.89E, h30km, mb4.7/9, Error ellipse: s-maj=26.9km s-min=16.6km az=60.0

IDC 29 16:42:14.5, 0.5, 4.49N, 0.08-95.01E, 0.09, h30km, n53, <math>\alpha=108^{\circ}50'</math>, mb4.6/33, MS4.0/3, 1C, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, GYA Guiyang, GYA Guiyang, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldanda, GTA Gaotai, MBWA Marble Bar, KSH Kashi, WMQ Urumqi, WMQ Urumqi, BJL Beijing, BJL Beijing, UCH Uchiradze, TKM2 Tokmak 2, KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumyshy, EKS2 Erkin-Say, USPO Oshonovka, SONMI Songoing Array, ULN Ulaanbaatar, KS15 Wouji Array Si, WRA Warrungarra Arr.

1098

comp=Z, 7.5nm, 0.7s, mb4.7, baz=302, slow=9.1, SNR=29

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, ASAR Alice Springs, CN2 Changchun, ZAL Zalesovo, MDJ Mudjanjing, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, KMB Kilima Mbogo, KIV Kislovodsk, YAK Yakutsk, BRTR Keskin Array B, AKASO Malin Array Be, FINES FINESS Array B, KAF Kangasniemi, NIE Niedzica, PSZ Piszkesteto, OJC Ojcow, ZST Bratislava, ZST Bratislava, ARCES ARCES Array B, FX1 Attu Island-7, PRU Pruhonice, GERES GERES Array B, KHC Kasperske Hory, PDAR Pinedale Array.

NEIC 29 16:44:26.1, 33.15S-70.24W, h6km, ML3.4(GUC), After GUC

GUC 29 16:44:26.1, 0.7, 33.15S, 70.24W, h6km, 2km, MD3.7, ML3.4, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FCH Farellones, CLCH Cerro Calan, Colegio Aleman, PEL Peldehue, PCH Pirque, JACH Jahuel, TACH Taladentes, CHC Chichagangostu, CAH El Canelo, CICH Cipreses, LNV Longovilo, SFD San Fernando, SFD San Fernando.

IDC 29 16:45:01.9, 1.9, 3.0N-94.66E, mb4.0/4, mb1 4.1/5, mb1mx3.8/18, mbtmp3.9/5, ML3.6/1, Error ellipse: s-maj=70.4km s-min=24.5km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, BVAR Borovoye Array, WRA Warrungarra Arr, ASAR Alice Springs, ARCES ARCES Array B.

IDC 29 16:46:54.2, 3.1, 6.69N-91.45E, mb3.7/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.8/5, ML3.8/1, Error ellipse: s-maj=97.9km s-min=25.9km az=69.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMI Songoing Array, ZAL Zalesovo, WRA Warrungarra Arr, ASAR Alice Springs.

IDC 29 16:47:06.0, 0.6, 3.44N-94.19E, mb4.4/12, mb1 4.6/13, mb1mx4.5/18, mbtmp4.4/13, ML5.2/1, Error ellipse: s-maj=29.9km s-min=14.9km az=52.0

BUI 29 16:47:49.5, 3.38N-94.31E, h37km, mb5.1, mb4.9, Ms4.8, Ms2.4

NEIC 29 16:47:50.8, 0.5, 3.49N-94.29E, h30km, mb4.7/11, Error ellipse: s-maj=17.5km s-min=10.2km az=90.0

IDC 29 16:47:46.3, 3.0, 3.44N, 0.06-94.29E, 0.07, h11km, 18km, n52, <math>\alpha=93^{\circ}52'</math>, mb4.7/9, MS4.2/2, 1C-1D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG Songkhla, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, UBT Ubonrachathani, NANT Nant, SHL Shillong, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GYA Guiyang, GYA Guiyang.









29d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FFC, SDV, SDV, SJG, PCRV, DLBC, YKA, YKA, SCHO, PRB, FRZ, LPA, INK, ILAR, BDFB, ROSF, EVO, ARCES, GRR, FLN, NB2, NOA, LDF, ESDC, BGF, SSF, CDF, FINES, DIBCO, WRA, ASAR, LSA, CMAR.

IDC 29 17:29:54.3, 2.1236N-92.58E, mb3.7/3, mb1 3.9/3, mb1mx3.5/17, mbmtmp3.7/3, Error ellipse: s-maj=349.9km s-min=31.2km az=50.0, Andaman Islands region

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

IDC 29 17:31:51.8, 1.2327N-93.82E, mb3.6/7, mb1 3.8/7, mb1mx3.7/18, mbmtmp3.6/7, Error ellipse: s-maj=53.2km s-min=20.8km az=55.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, SONM, ZAL, BVAR, WRA, ASAR, BRTR, GERES.

MAN 29 17:38:55.7, 18.522N-120.86E, h1km, mb4.5, ML3.4, MS3.2, 1C, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APYP, ABRA, SGP, CVP, CAUP, PALP, SCZP.

IDC 29 17:42:08.4, 1.1, 2.58N-96.58E, mb3.8/8, mb1 3.9/9, mb1mx3.8/18, mbmtmp3.7/9, ML3.4/1, Error ellipse: s-maj=52.2km s-min=20.0km az=51.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, WRA, ASAR, SONM, ZAL, BVAR, BRTR, FINES, GERES.

IDC 29 17:42:09.7, 12.0, 9.22N-93.76E, mb4.2/2, mb1 4.3/3, mb1mx3.6/18, mbmtmp4.0/3, ML3.7/1, Error ellipse: s-maj=291.1km s-min=43.3km az=92.0, Nicobar Islands region

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

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, PKI, PKI, DMN, GUN, GUN, KUN, KUN, KKN, GKN, GKN, KOLN, KOLN, SONM, ZAL, BVAR, ASAR, BRTR, STKA, FINES, GERES, NOA.

IDC 29 17:50:39.0, 5.1, 12.81N-92.14E, mb3.4/2, mb1 3.7/3, mb1mx3.4/18, mbmtmp3.4/3, ML3.6/1, Error ellipse: s-maj=106.0km s-min=46.3km az=100.0, Andaman Islands region

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

IDC 29 17:51:53.0, 4.0, 7.132N-92.93E, mb4.0/13, mb1 4.2/14, mb1mx3.4/18, mbmtmp4.0/14, ML3.3/1, Error ellipse: s-maj=33.1km s-min=13.8km az=57.0, NEIC 29 17:51:58.4, 0.8, 13.41N-92.98E, h30km, mb4.3/4, Error ellipse: s-maj=16.9km s-min=12.6km az=131.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, PALK, DDI, ENSHI, SONM, ZAL, BVAR, CHKZO, NWAO, WRA, WRA.

IDC 29 17:55:57.4, 0.9, 5.25N-94.32E, mb4.4/12, mb1 4.5/12, mb1mx3.3/19, mbmtmp4.4/12, MS3.5/2, Ms1 3.6/2, ms1mx3.1/26, Error ellipse: s-maj=44.2km s-min=15.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR, STKA, STKA, FINES, ARCES, GERES, NOA, ILAR.

BJI 29 17:56:00.6, 4.96N-94.40E, h49km, mb4.9, Error ellipse: s-maj=25.1km s-min=14.7km az=53.0

IDC 29 17:56:00.7, 0.6, 5.23N-94.38E, 0.09, h33km, n49, c09647, mb4.6/32, MS3.9/1, 1C, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG, KKT, CMAR, CMAR, NANT, PKI, DMN, GUN, KKN, GYA, GYA, GKN, LSA.

1102

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLN, ENH, XAN, XAN, GTA, GTA, WMQ, WMQ, BJT, BJT, BJI, BJI, UCH, UCH, TKM2, TKM2, KBK, KBK, AML, AML, AAK, AAK, EKS2, EKS2, USP, USP, SONM, SONM, ULN, ULN, WRA, WRA, WRAB, WRAB, ASAR, ASAR, ZAL, ZAL, BVAR, BVAR, BRVK, BRVK, CHKZ, CHKZ, PMG, PMG, KMBO, KMBO, STKA, STKA, STKA, STKA, AKAS, AKAS, FINES, FINES, KAF, KAF, OJC, OJC, ARCES, ARCES, DPC, DPC, UJC, UJC, GERES, GERES, KHC, KHC, TXAR, TXAR, TXAR, TXAR.

IDC 29 18:01:04.5, 1.2, 5.94N-92.96E, mb3.9/6, mb1 4.1/7, mb1mx3.8/19, mbmtmp3.8/7, ML3.4/1, Error ellipse: s-maj=54.5km s-min=20.6km az=50.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, WRA, ZAL, ASAR, BVAR, BRTR, GERES.

IDC 29 18:09:09.1, 5.935S-158.56E, mb4.1/6, mb1 4.3/7, mb1mx3.2/23, mbmtmp4.1/7, ML3.7/1, MS3.6/3, Ms1 3.6/3, s-maj=22.1km az=119.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, CTA, WRA, WRA, WRA, STKA, STKA, ASAR, ASAR, ASAR, ASAR, URZ, URZ, CMAR, SONM, ILAR.

IDC 29 18:19:25.9, 1.6, 9.69N-91.99E, mb3.3/3, mb1 3.6/4, mb1mx3.4/18, mbmtmp3.3/4, ML3.6/1, Error ellipse: s-maj=56.9km s-min=29.3km az=49.0, Nicobar Islands region

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











FVM	French Village	43.68 308	eP	P	19 40 13.2 +0.1
FVM	comp-Z, 8.0nm, 0.6s, mb4.6				
FVM	French Village	43.68 308	eP	P	19 40 13.2 +0.1
FVM	comp-Z, 8.0nm, 0.6s, mb4.6				
LVC	Limon Verde	44.06 209	P	P	19 40 14.6 -1.8
LVC	comp-Z, 12nm, 1.2s, mb4.5, baz=41, slow=7.8, SNR=7.1				
LVC	Limon Verde	44.06 209	eP	P	19 40 15.9 -0.5
LVC	comp-Z, 11nm, 1.1s, mb4.5				
ESDC	Sonsea Array	44.21 49	P	P	19 40 17.1 -0.3
ESDC	comp-Z, 3.0nm, 1.1s, mb3.9, baz=239, slow=8.6, SNR=5.6				
CCM	Cathedral Cave	44.32 308	eP	P	19 40 18.5 +0.2
CCM	comp-Z, 15nm, 1.1s, mb4.6				
CIAR	Cathedral Cave	44.32 308	eP	P	19 40 18.5 +0.2
CIAR	comp-Z, 15nm, 1.1s, mb4.6				
MIAR	Mount Ida	45.27 303	eP	P	19 40 26.8 +0.9
MIAR	comp-Z, 9.0nm, 0.8s, mb4.7				
MIAR	Mount Ida	45.27 303	eP	P	19 40 26.8 +0.8
MIAR	comp-Z, 8.6nm, 0.8s, mb4.6				
SJPF	Ste Jean	47.31 46	eP	P	19 40 42.5 +0.5
SJPF	comp-Z, 5.9nm, 1.2s, mb5.1				
SJPF	Ste Jean	47.31 46	eP	P	19 40 42.5 +0.5
SJPF	comp-Z, 5.9nm, 1.2s, mb5.1				
ETSF	Etsaut	47.70 46	eP	P	19 40 45.7 +0.7
ETSF	comp-Z, 5.6nm, 1.3s, mb5.1				
ETSF	Etsaut	47.70 46	eP	P	19 40 45.7 +0.7
ETSF	comp-Z, 5.6nm, 1.3s, mb5.1				
EPF	Esparras	48.37 46	eP	P	19 40 50.6 +0.4
EPF	comp-Z, 1.14nm, 1.7s, mb3.3				
EPF	Esparras	48.37 46	eP	P	19 40 50.6 +0.4
EPF	comp-Z, 1.14nm, 1.7s, mb3.3				
SGMF	Saint Gilles	48.44 39	eP	P	19 40 50.8 +0.1
SGMF	comp-Z, 5.7nm, 1.7s, mb5.3				
SGMF	Saint Gilles	48.44 39	eP	P	19 40 50.8 +0.1
SGMF	comp-Z, 5.7nm, 1.7s, mb5.3				
KSU1	Kansas State U	48.65 308	eP	P	19 40 51.8 -0.6
KSU1	comp-Z, 1.73nm, 1.6s, mb4.9				
MF	Saint Martin d	49.28 42	eP	P	19 40 57.2 0.0
MF	comp-Z, 7.2nm, 1.2s, mb5.0				
MF	Saint Martin d	49.28 42	eP	P	19 40 57.2 0.0
MF	comp-Z, 7.2nm, 1.2s, mb5.0				
GRR	Gorron	49.53 39	eP	P	19 40 59.8 +0.7
GRR	comp-Z, 3.9nm, 1.3s, mb5.0				
GRR	Gorron	49.53 39	eP	P	19 40 59.8 +0.7
GRR	comp-Z, 3.9nm, 1.3s, mb5.0				
WMOK	Wichita Moun	49.53 302	eP	P	19 40 58.3 -1.0
WMOK	comp-Z, 1.9nm, 1.3s, mb5.0				
WMOK	Wichita Moun	49.53 302	eP	P	19 40 58.3 -1.0
WMOK	comp-Z, 1.9nm, 1.3s, mb5.0				
FRB	Frishober Bay	49.72 348	P	P	19 41 00.1 -0.2
FRB	comp-Z, 9.7nm, 0.7s, mb5.0, baz=148, slow=8.3, SNR=21				
FRB	Frishober Bay	49.72 348	P	P	19 41 00.1 -0.2
FRB	comp-Z, 9.7nm, 0.7s, mb5.0, baz=148, slow=8.3, SNR=21				
FLN	La Foliniere	49.91 39	eP	P	19 41 01.7 -0.3
FLN	comp-Z, 6.0nm, 1.3s, mb5.2				
FLN	La Foliniere	49.91 39	eP	P	19 41 01.7 -0.3
FLN	comp-Z, 6.0nm, 1.3s, mb5.2				
FLN	La Foliniere	49.91 39	eP	P	19 41 01.7 -0.3
FLN	comp-Z, 30nm, 1.3s, mb5.2				
FLN	La Foliniere	49.91 39	eP	P	19 41 01.7 -0.3
FLN	comp-Z, 30nm, 1.3s, mb5.2				
JCT	Junction City	49.93 296	eP	P	19 41 01.6 -0.8
JCT	comp-Z, 7.1nm, 2.2s, MS4.8				
JCT	Junction City	49.93 296	eP	P	19 41 01.6 -0.8
JCT	comp-Z, 7.1nm, 2.2s, MS4.8				
CAF	Calviac	50.15 45	eP	P	19 41 03.6 -0.3
CAF	comp-Z, 8.7nm, 1.6s, mb5.2				
CAF	Calviac	50.15 45	eP	P	19 41 03.6 -0.3
CAF	comp-Z, 8.7nm, 1.6s, mb5.2				
LASF	Ste Croix	51.12 46	eP	P	19 41 10.4 -0.9
LASF	comp-Z, 4.3nm, 1.6s, mb5.2				
LASF	Ste Croix	51.12 46	eP	P	19 41 10.4 -0.9
LASF	comp-Z, 4.3nm, 1.6s, mb5.2				
BGF	Bois d'Agland	51.19 43	eP	P	19 41 11.6 -0.2
BGF	comp-Z, 1.21nm, 1.5s, mb5.3				
BGF	Bois d'Agland	51.19 43	eP	P	19 41 11.6 -0.2
BGF	comp-Z, 1.21nm, 1.5s, mb5.3				
BGF	Bois d'Agland	51.19 43	eP	P	19 41 11.6 -0.2
BGF	comp-Z, 7.5nm, 1.4s, mb5.1				
BGF	Bois d'Agland	51.19 43	eP	P	19 41 11.6 -0.2
BGF	comp-Z, 7.5nm, 1.4s, mb5.1				
HYF	Humbigny	51.30 42	eP	P	19 41 12.5 -0.1
HYF	comp-Z, 3.7nm, 1.4s, mb5.1				
HYF	Humbigny	51.30 42	eP	P	19 41 12.5 -0.1
HYF	comp-Z, 3.7nm, 1.4s, mb5.1				
EVA	Eskaeldemarir	51.50 30	P	P	19 41 13.2 -0.8
EVA	comp-Z, 8.8nm, 1.0s, mb4.8, baz=238, slow=7.9, SNR=6.4				
EVA	Eskaeldemarir	51.50 30	P	P	19 41 13.2 -0.8
EVA	comp-Z, 8.8nm, 1.0s, mb4.8, baz=238, slow=7.9, SNR=6.4				
AVF	Avril sur Loir	51.60 43	eP	P	19 41 14.5 -0.4
AVF	comp-Z, 2.1nm, 1.1s, mb4.7				
AVF	Avril sur Loir	51.60 43	eP	P	19 41 14.5 -0.4
AVF	comp-Z, 2.1nm, 1.1s, mb4.7				
ULM	Lac du Bonnet	51.68 322	P	P	19 41 15.1 -0.3
ULM	comp-Z, 6.6nm, 0.7s, mb4.7, baz=104, slow=6.6, SNR=13				
ULM	Lac du Bonnet	51.68 322	P	P	19 41 15.1 -0.3
ULM	comp-Z, 6.6nm, 0.7s, mb4.7, baz=104, slow=6.6, SNR=13				
ULM	Lac du Bonnet	51.68 322	eP	P	19 41 15.8 +0.3
ULM	comp-Z, 1.11nm, 0.9s, mb4.8				
ULM	Lac du Bonnet	51.68 322	eP	P	19 41 15.8 +0.3
ULM	comp-Z, 1.11nm, 0.9s, mb4.8				
SSF	Saint Saugle	51.79 42	eP	P	19 41 15.6 -0.7
SSF	comp-Z, 10.0nm, 1.1s, mb4.7				
SSF	Saint Saugle	51.79 42	eP	P	19 41 15.6 -0.7
SSF	comp-Z, 10.0nm, 1.1s, mb4.7				
SMF	Signal de Mont	51.87 43	eP	P	19 41 16.6 -0.4
SMF	comp-Z, 3.2nm, 1.3s, mb4.8				
SMF	Signal de Mont	51.87 43	eP	P	19 41 16.6 -0.4
SMF	comp-Z, 3.2nm, 1.3s, mb4.8				
VYHS	Saint-Julien-1	51.90 45	eP	P	19 41 17.6 +0.4
VYHS	comp-Z, 1.6nm, 1.3s, mb4.8				
VYHS	Saint-Julien-1	51.90 45	eP	P	19 41 17.6 +0.4
VYHS	comp-Z, 1.6nm, 1.3s, mb4.8				
VYHS	Saint-Julien-1	51.90 45	eP	P	19 41 17.6 +0.4
VYHS	comp-Z, 2.8nm, 1.5s, mb5.2				
VYHS	Saint-Julien-1	51.90 45	eP	P	19 41 17.6 +0.4
VYHS	comp-Z, 2.8nm, 1.5s, mb5.2				
AMTX	Amarillo	51.91 302	eP	P	19 41 15.8 -1.6
AMTX	comp-Z, 2.0nm, 0.8s, mb4.7				
AMTX	Amarillo	51.91 302	eP	P	19 41 15.8 -1.6
AMTX	comp-Z, 2.0nm, 0.8s, mb4.7				
ORIF	Oris-en-Rattie	52.74 46	eP	P	19 41 22.7 -0.8
ORIF	comp-Z, 5.2nm, 1.4s, mb5.0				
ORIF	Oris-en-Rattie	52.74 46	eP	P	19 41 22.7 -0.8
ORIF	comp-Z, 5.2nm, 1.4s, mb5.0				
LMR	La Moure	52.79 48	eP	P	19 41 24.7 +0.8
LMR	comp-Z, 6.71nm, 1.8s				
LMR	La Moure	52.79 48	eP	P	19 41 24.7 +0.8
LMR	comp-Z, 6.71nm, 1.8s				
LMR	La Moure	52.79 48	eP	P	19 41 24.7 +0.8
LMR	comp-Z, 2.72nm, 1.6s, mb5.6				
LMR	La Moure	52.79 48	eP	P	19 41 24.7 +0.8
LMR	comp-Z, 2.72nm, 1.6s, mb5.6				
TXAR	Lajitas Array	53.23 295	P	P	19 41 26.3 -1.1
TXAR	comp-Z, 2.8nm, 0.7s, mb4.3, baz=112, slow=7.1, SNR=23				
TXAR	Lajitas Array	53.23 295	P	P	19 41 26.3 -1.1
TXAR	comp-Z, 2.8nm, 0.7s, mb4.3, baz=112, slow=7.1, SNR=23				
BAIF	Baives	53.23 39	eP	P	19 41 26.3 -0.8
BAIF	comp-Z, 3.9nm, 1.1s, mb5.0				
BAIF	Baives	53.23 39	eP	P	19 41 26.3 -0.8
BAIF	comp-Z, 3.9nm, 1.1s, mb5.0				
MEZF	Mazieres J'vi	53.24 41	eP	P	19 41 26.6 -0.5
MEZF	comp-Z, 1.9nm, 1.1s, mb4.9				
MEZF	Mazieres J'vi	53.24 41	eP	P	19 41 26.6 -0.5
MEZF	comp-Z, 1.9nm, 1.1s, mb4.9				
MBDF	Montbardon	53.31 46	eP	P	19 41 28.1 +0.4
MBDF	comp-Z, 1.32nm, 1.4s, mb5.4				
MBDF	Montbardon	53.31 46	eP	P	19 41 28.1 +0.4
MBDF	comp-Z, 1.32nm, 1.4s, mb5.4				
CABF	La Chapelle	53.34 44	eP	P	19 41 27.7 -0.2
CABF	comp-Z, 1.15nm, 1.5s, mb4.9				
CABF	La Chapelle	53.34 44	eP	P	19 41 27.7 -0.2
CABF	comp-Z, 1.15nm, 1.5s, mb4.9				
CPRY	Cap Rock	53.56 299	eP	P	19 41 29.3 -0.4
CPRY	comp-Z, 5.7nm, 1.5s, mb5.3				
CPRY	Cap Rock	53.56 299	eP	P	19 41 29.3 -0.4
CPRY	comp-Z, 5.7nm, 1.5s, mb5.3				
GIVF	Givet	53.62 39	eP	P	19 41 29.2 -0.7
GIVF	comp-Z, 5.9nm, 1.3s, mb5.1				
GIVF	Givet	53.62 39	eP	P	19 41 29.2 -0.7
GIVF	comp-Z, 5.9nm, 1.3s, mb5.1				
GIVF	Givet	53.62 39	eP	P	19 41 29.2 -0.7
GIVF	comp-Z, 5.9nm, 1.3s, mb5.1				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 3.0nm, 1.3s, mb5.1				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 3.0nm, 1.3s, mb5.1				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 1.6nm, 1.0s, mb4.6				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 1.6nm, 1.0s, mb4.6				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 5.91nm, 21.4s				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 5.91nm, 21.4s				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 8.0nm, 1.0s, mb4.6				
HAU	Haudompre	53.91 42	eP	P	19 41 31.0 -1.0
HAU	comp-Z, 8.0nm, 1.0s, mb4.6				
GD2L	Guadalupe Moun	53.93 298	eP	P	19 41 32.4 0.0
GD2L	comp-Z, 5.9nm, 21.4s, MS4.6				
GD2L	Guadalupe Moun	53.93 298	eP	P	19 41 32.4 0.0
GD2L	comp-Z, 5.9nm, 21.4s, MS4.6				
HINF	Hinterfeld	54.18 42	eP	P	19 41 33.2 -0.8
HINF	comp-Z, 3.7nm, 1.5s, mb4.8				
HINF	Hinterfeld	54.18 42	eP	P	19 41 33.2 -0.8
HINF	comp-Z, 3.7nm, 1.5s, mb4.8				

HINF	comp-Z, 1.8nm, 1.5s, mb4.8				
CDF	Champ du Feu	54.62 42	eP	P	19 41 36.4 -0.9
CDF	comp-Z, 2.6nm, 1.3s, mb4.8				
CDF	Champ du Feu	54.62 42	eP	P	19 41 36.4 -0.9
CDF	comp-Z, 2.6nm, 1.3s, mb4.8				
BFO	Black Forest	55.27 42	eP	P	19 41 42.3 +0.2
BFO	comp-Z, 1.3nm, 1.3s, mb4.8				
BFO	Black Forest	55.27 42	eP	P	19 41 42.3 +0.2
BFO	comp-Z, 1.3nm, 1.3s, mb4.8				
PHWY	Pilot Hill	55.72 309	eP	P	19 41 45.9 +0.6
PHWY	comp-Z, 2.6nm, 1.5s, mb5.0				
PHWY	Pilot Hill	55.72 309	eP	P	19 41 45.9 +0.6
PHWY	comp-Z, 2.6nm, 1.5s, mb5.0				
ANMO	Albuquerque	55.83 301	iP	P	19 41 46.4 +0.1
ANMO	comp-Z, 1.5nm, 0.6s, mb4.2, baz=82, slow=4.5, SNR=3.7				
ANMO	Albuquerque	55.83 301	iP	P	19 41 46.4 +0.1
ANMO	comp-Z, 1.5nm, 0.6s, mb4.2, baz=82, slow=4.5, SNR=3.7				
ANMO	Albuquerque	55.83 301	iP	P	19 41 46.4 +0.1
ANMO	comp-Z, 1.5nm, 0.6s, mb4.2, baz=82, slow=4.5, SNR=3.7				
DAVOX	Davos	55.91 44	P	P	20 03 21.1
DAVOX	comp-Z, 4.62nm, 20.6s, MS4.5, slow=34				
DAVOX	Davos	55.91 44	P	P	20 03 21.1
DAVOX	comp				



Table with columns: IDI, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like Anoyia, KOLS, SUW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, SONM, ZAL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like PKI, DMN, GUN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, SONM, ZAL, etc.

Table with columns: WRA, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like Warramunga Arr, BVAR, ASAR, etc.

Table with columns: IDC 29 20:30:40.3, 2.8, 32.885, 178.08W, mb4.0/3, mb1 4.2/4, mb1mx3.8/1.4, mbtmpt4.0/4, ML3.7/1, Error ellipse: s-maj=63.8km s-min=44.5km az=130.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like URZ, CTA, ASAR, WRA, etc.

Table with columns: IDC 29 20:35:40.3, 2.3, 13.66N, 93.06E, mb3.5/3, mb1 3.8/4, mb1mx3.6/1.8, mbtmpt3.6/4, ML3.8/1, MS2.8/1, MS1 3.0/1, ms1mx2.6/1.9, Error ellipse: s-maj=28.2km az=93.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, SONM, WRA, ASAR, etc.

Table with columns: IDC 29 20:43:39.0, 3.9, 10.30N, 92.32E, mb3.3/3, mb1 3.4/4, mb1mx3.3/1.7, mbtmpt3.2/4, ML3.3/1, Error ellipse: s-maj=104.1km s-min=31.4km az=80.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, SONM, WRA, ASAR, etc.

Table with columns: IDC 29 20:50:41.6, 2.8, 32.73S, 178.24W, mb4.1/3, mb1 4.2/4, mb1mx3.8/1.4, mbtmpt4.1/4, ML3.7/1, Error ellipse: s-maj=87.0km s-min=36.5km az=113.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, SONM, WRA, ASAR, etc.

Table with columns: JMA 29 21:00:25.0, 2.0, 24.32N, 121.89E, h80km, M2.6, TAP 29 21:00:26.4, 2.4, 12N, 121.79E, h48km, ML3.5, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like YOJ, IRIF, HATJ, etc.

Table with columns: NWAO, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like Narrogin (SRO), WRA, ASAR, etc.

Table with columns: MOS 29 21:05:17.6, 2.9, 60.77N, 148.93E, h10km, mb4.0/1, Error ellipse: s-maj=39.9km s-min=16.17km az=91.2, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like OCHR, MA2, TLAR, SUUS, etc.

Table with columns: IDC 29 21:09:48.3, 4.6, 13.71N, 92.81E, mb3.8/2, mb1 3.9/3, mb1mx3.5/1.8, mbtmpt3.6/3, ML3.7/1, Error ellipse: s-maj=106.1km s-min=46.7km az=109.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like CMAR, WRA, ASAR, etc.

Table with columns: CSEM 29 21:12:57.4, 5.65N, 94.54E, h10km, mb5.9, BUJ 29 21:12:57.3, 5.06N, 94.53E, h38km, mb5.4, mb5.6, Ms5.4, Ms2.5

Table with columns: DHMR 29 21:12:58.3, 3.0, 5.26N, 94.64E, h10km, mb6.0, MOS 29 21:12:59.0, 1.0, 5.38N, 94.62E, h33km, mb5.9/83, MS5.1/48, Error ellipse: s-maj=8.2km s-min=3.8km az=126.4

Table with columns: HRVD 29 21:12:59.0, 2.5, 13N, 94.61E, h41km, MW5.5/60, Centroid moment tensor solution. LP body waves: s51, c87, Mantle waves: s60, c123; Half duration: 1s4

Table with columns: NEIC 29 21:12:59.0, 0.5, 20N, 94.71E, h26km, MB5.7, NEIC 29 21:12:59.0, 0.5, 23N, 94.63E, mb5.7/98, MS5.3/101, MW5.6, Error ellipse: s-maj=5.6km s-min=3.8km az=215.0

Table with columns: NEIC 29 21:12:59.0, 0.5, 19N, 94.70E, h20km, MS5.2/141, 55C-68D, Northern Sumatra

Table with columns: NEIC 29 21:13:02.5, 0.4, 5.25N, 94.76E, h57km, 3km, mb5.1/30, mb1 5.1/31, mb1mx3.1/31, mbtmpt5.4/31, MS4.9/22, MS1.4/92, ms1mx3.7/29, Error ellipse: s-maj=12.9km s-min=6.7km az=47.0

Table with columns: DJA 29 21:13:43.4, 0.9, 4.50N, 99.42E, h33km, mb5.2/7, Error ellipse: s-maj=26.9km s-min=8.8km az=166.0, IDC 29 21:12:59.0, 0.5, 19N, 94.70E, h20km, MS5.2/141, 55C-68D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like TSI, PSI, SNG, NST, etc.

Table with columns: CM31, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like Chiang Mai Arr, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various data points for stations like PALK, NANT, PENI, etc.





29d 21h

Table with columns for station call signs (e.g., OBN, OBK, OBN, OBN, OBN), frequencies, and various signal quality indicators (e.g., S, P, M, LR, Pmax).

2004 DEC

Table with columns for station call signs (e.g., APA, KOLS, BOS, BOS, BOS), frequencies, and various signal quality indicators (e.g., pP, pPmax, pP, pP).

1112

Table with columns for station call signs (e.g., GERES, GERES, GERES, GERES, GERES), frequencies, and various signal quality indicators (e.g., P, P, P, P, P).





29d 22h

Table with columns: LPAZ, comp, PKPbc, PKPpdf, 21 33 11.1 +17, etc.

IDC 29 21:18:58.5, 8.3, 9.10N, 93.54E, mb4.2/8, mb1 4.4/8, mb1mx4.2/19, mbtmp4.2/8, Error ellipse: s-maj=195.0km

ISC 29 21:19:03.9, 9.9, 9.3N, 93.3E, 0.9, h33km, n9, 0974/9, mb4.3/8, Nicobar Islands region

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

GUC 29 21:23:08.8, 0.8, 36.79S, 73.06W, h10km, 12km, MD3.9, ML4.0, 1D, Near coast of central Chile

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

IDC 29 21:27:07.5, 1.9, 5.91N, 94.83E, mb3.8/6, mb1 3.9/6, mb1mx3.7/17, mbtmp3.8/6, MS4.3/1, MS1 4.3/1, ms1mx3.0/32, Error ellipse: s-maj=90.0km

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

HEL 29 21:33:38.6, 0.2, 59.98N, 25.27E, ML2.1 (NAO), Explosion BER 29 21:33:36.3, 0.3, 59.90N, 25.61E, h0km, 65km, ML2.1 (NAO)

NAO 29 21:33:39.0, 6.7, 59.98N, 25.40E, ML2.1, ISC 29 21:33:36.4, 1.4, 59.96N, 0.08, 25.2E, 0.1, n10, 0977/13, Baltic States - Belarus - Northwestern Russia

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

IDC 29 21:41:49.0, 1.6, 9.43N, 93.09E, mb3.9/5, mb1 3.9/6, mb1mx3.8/20, mbtmp3.8/6, ML3.5/1, Error ellipse: s-maj=58.2km, s-min=29.2km, az=55.0

ISC 29 21:41:52.9, 1.3, 9.5N, 0.2, 93.5E, 0.2, h33km, n12, 0154/12, mb3.8/5, Nicobar Islands region

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

NEIC 29 22:11:09.7, 32.22S, 71.83W, h37km, MD4.2 (GUC), After GUC

GUC 29 22:11:09.7, 0.8, 32.22S, 71.83W, h37km, 2km, MD4.2, ML3.9, 5C-4D, Near coast of central Chile

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

2004 DEC

Main table with columns: PTCH, comp, 22 11 35.7, etc.

IDC 29 22:19:32.6, 2.1, 12.39N, 92.44E, mb3.7/3, mb1 3.9/4, mb1mx3.6/18, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=57.7km, s-min=27.4km, az=92.0, Andaman Islands region

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

NEIC 29 22:22:19.8, 40.37N, 32.94E, h5km, mb4.2/18, ML4.6 (ISK), After ISK

ISK 29 22:22:19.8, 40.38N, 32.93E, h5km, MD4.4, ML4.4, BUJ 29 22:22:19.7, 40.40N, 32.90E, h10km, mB5.1, mB4.7, MED\_RC 29 22:22:19.8, 0.2, 40.37N, 32.94E, h16km, 1km, MW4.5/17, Moment Tensor Solution: Body waves: s17, c2/1, Duration: 19.0 Moment Tensor: Scale: 10^15 Nm, 0.48±.32; Mw: 3.12±.38; Ms: 2.63±.42; Mm: 1.31±.44; Mw: 4.78±.25; Mw: 1.60±.44; Best double couple: M: 5.96x10^15 Np1: 0.8±.17, 874°, 112°; NP2: 0.28±.44, 878°, 163°; Principal axes: T: 6.08, P1g20°, Azm240°; N: -24, P1g70°, Azm70°; P: -5.84, P1g3°, Azm331°; nsta1 refers to waves, cutoff=35s.

ZUR\_RM 29 22:22:20.0, 40.37N, 32.94E, h15km, Mw4.6/20, Moment Tensor Solution: s20 Moment tensor: Scale: 10^15 Nm; M: -0.22; Mw: 3.89; Ms: 4.12; Mm: -0.05; Mw: -7.08; Mw: -1.64; Best double couple: M: 8.29x10^15 Np1: 0.8±.195, 868°, 111°; NP2: 0.105±.079, 178°; Principal axes: T: 8.469, P1g9°, Azm60°; N: -.351, P1g79°, Azm205°; P: -8.118, P1g6°, Azm329°.

CSEM 29 22:22:20.0, 40.0, 40.37N, 32.93E, h5km, mb4.2/15, Error ellipse: s-maj=1.1km, s-min=0.8km, az=177.0

MOS 29 22:22:21.1, 1.2, 40.34N, 33.05E, h10km, mb4.3/14, Error ellipse: s-maj=5.5km, s-min=4.7km, az=100.5

IDC 29 22:22:21.4, 0.6, 40.39N, 33.05E, mb4.0/13, mb1 4.1/19, mb1mx4.0/28, mbtmp4.0/19, ML3.9/6, MS3.8/9, Ms1 3.8/9, ms1mx3.5/39, Error ellipse: s-maj=16.6km, s-min=6.6km, az=58.0

ISC 29 22:22:20.9, 0.5, 40.38N, 0.02, 33.98E, 0.02, h4km, 4km, n206, 01506/224, mb4.1/23, MS3.9/5, 5C-2D, Turkey

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

Table with columns: BYBT, 1.74 51 PN, Pn, 22 22 52.5 +0.4, etc.

Table with columns: AKS, 4.26 251 ePN, Pn, 22 23 27.7 -0.3, etc.

Table with columns: MYA, 4.69 114 ePN, Pn, 22 23 34.8 +0.7, etc.

Table with columns: BLCB, 5.01 249 ePN, Pn, 22 23 39.0 +0.4, etc.

Table with columns: ANN, 5.52 315 i, Pmax, pmax, 22 24 42.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANOYIA, Tsey, Gofitskoye, Jabbal al Asfar, Plekhanov, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, BRTR Keskin Array B, GERES GERES Array B, etc.

29d 22h

Table listing stations and their characteristics for the 29d 22h period. Columns include station name, coordinates, and various parameters like Sg, Pg, Pn, etc.

2004 DEC

Table listing stations and their characteristics for the 2004 DEC period. Columns include station name, coordinates, and various parameters like Sg, Pg, Pn, etc.

1116

Table listing stations and their characteristics for the 1116 period. Columns include station name, coordinates, and various parameters like Sg, Pg, Pn, etc.



29d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, BRTR Keskin Array B, AKASG Malin Array Be, etc.

IDC 29 23:14:01.40,0.5,7.90N-92.25E, mb4.5/26, mb1 4.6/27, mb1mx4.6/28, mbtmp4.4/27, ML4.2/1, MS4.7/24, Ms1 4.7/24, ms1mx4.6/30, Error ellipse: s-maj=21.8km s-min=13.5km sz=45.0

NEIC 29 23:14:06.0,0.3,7.86N-92.07E, mb5.0/30, Error ellipse: s-maj=9.5km s-min=7.8km az=185.0

MOS 29 23:14:06.0,1.0,8.05N-92.03E, h33km, mb5.1/35, MS4.7/6, Error ellipse: s-maj=13.0km s-min=6.1km az=120.2

HRVD 29 23:14:06.0,0.2,7.84N-92.14E, h12km, MW5.2/63, Centroid moment Tensor Solution. LP body waves: s36,c53; Mantle waves: s63,c124; Half duration: 1s0 Moment tensor: Scale 10^19Nm; Mr-0.02e-17; Mw-4.12e-17; Mw4.14e-17; Mw-1.02e-16; Mw5.53e-14; Mw-4.20e-14; Best double couple: M6.24x10^16 NPT; Ms=109; S57; lambda=179; NP28; 18; delta89; lambda=33; Principal axes: T 8.15, Plg22; Azm69; N 18, Plg57; Azm197; P -8.33, Plg23; Azm328; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

BUI 29 23:14:10.0,8.36N-92.05E, h26km, mb5.3, mb4.8, Ms5.1, Ms24.8

ISC 29 23:14:03.8,0.3,7.78N-92.16E,0.03,h27km, h27km±1.3km, pP-p, n278, s1907/255, mb4.9/79, MS4.8/41, 13C-14D, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SNG Songkhla, NST Nakhon Sawan, CM31 Chiang Mai Arr, etc.

2004 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LSA Lhasa, GYA Guiyang, PTH Pithoragarh, etc.

1118

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SONM Songino Array, ULN Ulaanbaatar, ZAK Zakamensk, etc.









30d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO, KMBP, KMBQ, etc.

2004 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRSR, SIM, ISP, etc.

1122

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRO, OKC, RAC, etc.

1123

Table with columns: STA, Name, Az, El, P, R, T, S, etc. Includes stations like DAVA, STU, BFO, etc.

2004 DEC

Table with columns: TRCR, NLU, MSU, etc. Includes stations like Troy Canyon, North Lily Min, Marysvale, etc.

30 Dec 1h

Table with columns: BRG, GERES, NOARS, etc. Includes stations like Berggiesshubel, GERES Array B, NOARS Array B, etc.

30d 1h

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KSH, BJI, AAK, SONM, ULN, ZAK, ZAL, MDJ, BVAR, BRVK, BOD, UMR, RDF, MIB, RST, SVE, ARU, GNI, TIZ, ZEI, KIV, SOC, MALT, WRA, WRAB, TIXI, MA2, NWAO, BRTR, OBN, ASAR, AKASO, KMBO, VSU, KAF, IDI, KWP, BILL, KOLS.

2004 DEC

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KOLS, CRVS, NIE, OJC, VYHS, MBR, PKSM, SRO, OKC, SRO, STKA, SMOL, ZST, VRAC, KSP, DPC, UPJC, HFS, PVCC, PRU, BRG, MOA, GEC2, GERES, NB2, NOA, KHC, KLL, CLL, WET, NKC, MOX, BSE, GRAT, GRF, WTTA, WATA, CLZ, FUR, SQT, MOTA, DAVA, BFO, CDF, PGF, HINF, WLF, LSZ, LSZ, HAU, HAU, LGP, LPL, LPL, LPL, MBDF, GIVF, CABF, CABF, MEZF, FRF, BAIF, BAIF, BAIF, BAIF.

1124

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like VIVF, VIVF, SMF, SMF, SSF, SSF, AVF, AVF, HYF, BGF, BGF, CAF, CAF, EKA, RJF, RJF, LDF, LDF, MTLF, MTLF, FLN, FLN, GRR, GRR, LFF, LFF, MFF, MFF, SCGM, ROSF, ROSF, ETSF, ETSF, LBTB, LBTB, ILAR, ILAR, ESDC, INK, EVO, DLBC, YKA, YKA, YKA, PDAR, ANMO, ANMO, MNTX, TXAR, BAO, BDFB, SDV, ROSC.

1DC 30 01:28:09.8,0.6, 4.17N,94.15E,mb4.4/15,mb1 4.5/16, mb1mx4.4/23,mbmp4.4/16, Error ellipse: s-maj=30.8km s-min=14.6km az=47.0
NEIC 30 01:28:13.8,0.5, 4.16N,94.20E,h30km,mb4.8/20, Error ellipse: s-maj=14.2km s-min=9.2km az=63.0
BUJ 30 01:28:18.6, 4.92N,94.28E,h30km,mb4.8
ISC 30 01:28:12.2,0.4, 4.12N,94.06E,94.24E,0.07, h30km, (h28m,32.4kt,P-P),m5,6,99/59,mb4.7/46,1C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like CM31, CMAR, KMI, PKI, DMN, GUN, KKN, GYA, GYA, GKN, LSA, KOLN, ENH, GTA, GTA, BJT, BJI, BJI, KZA, UCH, KBK, AML, AAK.



Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AAK Al-Archa, AAK Erkin-Say, USP Osenovka, etc.

IDC 30 01:36:22.7, 1.0, 4.13N-94.07E, mb4.0/9, mb1 4.1/10, mb1mx4.0/19, mbtmp4.0/10, ML 4.2/1, Error ellipse: s-maj=44.6km s-min=19.0km az=51.0

ISC 30 01:36:23.0, 6.4, 2.2N-0.1, 94.3E-0.1, h33km, M13, +6873/12, mb4.1/9, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, SHL Shillong, etc.

MOS 30 01:43:03.0, 9.0, 4.29N-94.33E, h33km, mb5.2/36, Error ellipse: s-maj=12.6km s-min=6.6km az=119.1

BUI 30 01:43:03.7, 3.90N-94.32E, h46km, mb5.3, mb5.0, Ms4.8, Ms4.4

NEIC 30 01:43:05.4, 0.2, 4.22N-94.26E, h30km, mb5.0/42, Error ellipse: s-maj=6.7km s-min=5.6km az=57.0

HRVD 30 01:43:05.4, 0.8, 4.24N-94.27E, h25km, km, MW4.8/40, Centroid moment tensor solution. LP body waves

s13, c22, Manile waves, az=51. Half duration: 0 Moment tensor: Scale 1019Nm; Mir-2.41; 2.1; Mw0.80; 1.4; Mw1.62; 1.8; Mw0.85; 3.0; Mw0.07; 1.1; Mw-0.08; 3.5; Best double couple: M2, 13x1016 NP1, 187, 844, -1, 70, NP2, 340, 849, -1, 108. Principal axes: T1.63, Plg3.

Azm83; N1, Plg14, Azm352; P-2.62, Plg76, Azm184; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 30 01:43:06.3, 0.5, 4.28N-94.26E, h33km, 3km, mb4.6/26, mb1 4.7/27, mb1mx4.6/30, mbtmp4.8/27, MS4.2/1, Ms1 4.2/1, ms1mx3.0/22, Error ellipse: s-maj=18.2km s-min=10.2km az=47.0

ISC 30 01:43:04.0, 1.3, 4.20N-0.04, 94.31E-0.04, h32km, 9km, h32km, 6km; p-P, n230, 0.93/223, mb5.0/91, MS4.2/21, 5C-4D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CM31 Chiang Mai Arr, BJT Baijiatuau, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, SHL Shillong, etc.

IDC 30 01:36:22.7, 1.0, 4.13N-94.07E, mb4.0/9, mb1 4.1/10, mb1mx4.0/19, mbtmp4.0/10, ML 4.2/1, Error ellipse: s-maj=44.6km s-min=19.0km az=51.0

ISC 30 01:36:23.0, 6.4, 2.2N-0.1, 94.3E-0.1, h33km, M13, +6873/12, mb4.1/9, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, SHL Shillong, etc.

MOS 30 01:43:03.0, 9.0, 4.29N-94.33E, h33km, mb5.2/36, Error ellipse: s-maj=12.6km s-min=6.6km az=119.1

BUI 30 01:43:03.7, 3.90N-94.32E, h46km, mb5.3, mb5.0, Ms4.8, Ms4.4

NEIC 30 01:43:05.4, 0.2, 4.22N-94.26E, h30km, mb5.0/42, Error ellipse: s-maj=6.7km s-min=5.6km az=57.0

HRVD 30 01:43:05.4, 0.8, 4.24N-94.27E, h25km, km, MW4.8/40, Centroid moment tensor solution. LP body waves

s13, c22, Manile waves, az=51. Half duration: 0 Moment tensor: Scale 1019Nm; Mir-2.41; 2.1; Mw0.80; 1.4; Mw1.62; 1.8; Mw0.85; 3.0; Mw0.07; 1.1; Mw-0.08; 3.5; Best double couple: M2, 13x1016 NP1, 187, 844, -1, 70, NP2, 340, 849, -1, 108. Principal axes: T1.63, Plg3.

Azm83; N1, Plg14, Azm352; P-2.62, Plg76, Azm184; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 30 01:43:06.3, 0.5, 4.28N-94.26E, h33km, 3km, mb4.6/26, mb1 4.7/27, mb1mx4.6/30, mbtmp4.8/27, MS4.2/1, Ms1 4.2/1, ms1mx3.0/22, Error ellipse: s-maj=18.2km s-min=10.2km az=47.0

ISC 30 01:43:04.0, 1.3, 4.20N-0.04, 94.31E-0.04, h32km, 9km, h32km, 6km; p-P, n230, 0.93/223, mb5.0/91, MS4.2/21, 5C-4D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CM31 Chiang Mai Arr, BJT Baijiatuau, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BJT Baijiatuau, BJT Tokmak, BJT Beijing, etc.

IDC 30 01:36:22.7, 1.0, 4.13N-94.07E, mb4.0/9, mb1 4.1/10, mb1mx4.0/19, mbtmp4.0/10, ML 4.2/1, Error ellipse: s-maj=44.6km s-min=19.0km az=51.0

ISC 30 01:36:23.0, 6.4, 2.2N-0.1, 94.3E-0.1, h33km, M13, +6873/12, mb4.1/9, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BJT Baijiatuau, BJT Tokmak, BJT Beijing, etc.

MOS 30 01:43:03.0, 9.0, 4.29N-94.33E, h33km, mb5.2/36, Error ellipse: s-maj=12.6km s-min=6.6km az=119.1

BUI 30 01:43:03.7, 3.90N-94.32E, h46km, mb5.3, mb5.0, Ms4.8, Ms4.4

NEIC 30 01:43:05.4, 0.2, 4.22N-94.26E, h30km, mb5.0/42, Error ellipse: s-maj=6.7km s-min=5.6km az=57.0

HRVD 30 01:43:05.4, 0.8, 4.24N-94.27E, h25km, km, MW4.8/40, Centroid moment tensor solution. LP body waves

s13, c22, Manile waves, az=51. Half duration: 0 Moment tensor: Scale 1019Nm; Mir-2.41; 2.1; Mw0.80; 1.4; Mw1.62; 1.8; Mw0.85; 3.0; Mw0.07; 1.1; Mw-0.08; 3.5; Best double couple: M2, 13x1016 NP1, 187, 844, -1, 70, NP2, 340, 849, -1, 108. Principal axes: T1.63, Plg3.

Azm83; N1, Plg14, Azm352; P-2.62, Plg76, Azm184; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 30 01:43:06.3, 0.5, 4.28N-94.26E, h33km, 3km, mb4.6/26, mb1 4.7/27, mb1mx4.6/30, mbtmp4.8/27, MS4.2/1, Ms1 4.2/1, ms1mx3.0/22, Error ellipse: s-maj=18.2km s-min=10.2km az=47.0

ISC 30 01:43:04.0, 1.3, 4.20N-0.04, 94.31E-0.04, h32km, 9km, h32km, 6km; p-P, n230, 0.93/223, mb5.0/91, MS4.2/21, 5C-4D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BJT Baijiatuau, BJT Tokmak, BJT Beijing, etc.



0.8nm, 0.8s, mb3.3, baz=84, slow=9.7, SNR=4.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Zalesovo, WRA Warramunga Arr, etc.

ADC 30 01:48:49.1±0.6, 8.13N-93.79E, mb4.3/16, mb1 4.4/16, mb1mx4.2/20, mbtmp4.3/16, Error ellipse: s-maj=31.9km s-min=13.7km az=53.0

BUI 30 01:48:51.3, 8.46N-93.64E, h6km, mb5.4, mb4.7 NEIC 30 01:48:53.7±0.3, 8.15N-93.86E, h30km, mb4.7/21, Error ellipse: s-maj=10.0km s-min=7.4km az=64.0

ISC 30 01:48:51.7±0.3, 8.12N-93.86E±0.07, h30km, n57, ±0.83/54, mb4.6/41, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pallekele, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pallekele, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pallekele, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pallekele, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Pallekele, HYB Hyderabad, etc.

NIED 30 01:53:00.37, 80N, 140.90E, h110km, Mw4.2 Best double couple: M2.17x1015 NP1.9±165°, δ68°, λ-81°. NP2: φ322°, δ24°, λ-111°. MOS 30 01:53:33.1±0.7, 38.03N-140.81E, h102km, mb4.4/16, Error ellipse: s-maj=16.2km s-min=10.5km az=69.0

NEIC 30 01:53:34.9±0.8, 37.90N-140.80E, h111km, 8km, mb4.3/23, Error ellipse: s-maj=13.1km s-min=7.7km az=152.0 NEIC Recorded [2 JMA] in Fukushima and Miyagi; [1 JMA] in Ibaraki, Iwate and Tochigi Prefectures.

JMA 30 01:53:34.4±0.1, 37.76N-140.91E, h109km, 1km, M4.1 Broadband fault plane solution: P waves. NP1.9±343°, δ26°, λ-77°. NP2.9±148°, δ64°, λ-96°. Principal axes: T' Plig9°, Azm243°; N' Plig6°, Azm151°; P' Plig70°, Azm45°.

JMA Felt II J1. ISC 30 01:53:33.3±0.3, 37.77N±0.04, 140.88E±0.05, h116km±2km, h111km±1.9km; pP-N, n94°, e98/107, mb4.3/42, 2C-8D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Marumori, Kawauchi, Otama, Okura, Ouri, Shirataka, Yanaizu, Ichinoseki, Kaneyama, Atsumi, Sasagawa, Awa shima, Matsushiro, Matsushiro, Hachijo jima 2, Asahikawa, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Marumori, Kawauchi, Otama, Okura, Ouri, Shirataka, Yanaizu, Ichinoseki, Kaneyama, Atsumi, Sasagawa, Awa shima, Matsushiro, Matsushiro, Hachijo jima 2, Asahikawa, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Marumori, Kawauchi, Otama, Okura, Ouri, Shirataka, Yanaizu, Ichinoseki, Kaneyama, Atsumi, Sasagawa, Awa shima, Matsushiro, Matsushiro, Hachijo jima 2, Asahikawa, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kevo, ARCES ARCESS Array B, YKWS Yellowknife Arr, etc.



















Table of station data for 1135, including call signs like SQT, SQA, SQA, GRA, GRF, MOTA, MOTA, ZCCA, GSCL, MAIM, BRMO, NB2, NOA, NOA, VALM, CLZ, Vinca, NAD01, BSEG, BACM, GRAFM, DAVOX, DAVA, CODM, STU, STU, STU, PGF, PGF, VOD, TAI, SYO, SYO, SYO, PFC, BFO, BFO, FIN, FELD, ORX, LANG, IMI, ROB, TRAV, MONE, ABH, WDS, CDF, CDF, ENR, SBF, SBF, ECH, STV, RSP, RUP, BHB, MLD, MOF, PZZ, FENE, LOMF, RRL, LPG, LPG, MBDF, MBDF, BNI, BNI, HAU, HAU, HAU, THEF, OGD, BAIF, BAIF, SSF, SSF, SSF, PLBF, PLBF, AGO, PYM, BGF, BGF, RJF, RJF, RJF, FLN, FLN, EKA, EKA, DAG, DAG, DAG, DAG, ETSF, ETSF, ETSF.

Table of station data for 2004 DEC, including call signs like VDA, VDA, SBA, SBA, ESCD, ESCD, IMA, IMA, IMA, QSPA, QSPA, ILAR, ILAR, ILAR, DBIC, DBIC, INK, INK, INK, RES, RES, RES, YKA, YKA, YKA, TBI, TBI, PPT, PPT, MSO, MSO, CHM, BMO, HRY, MOD, WVR, WVR, ULM, ULM, MOOW, MOOW, SNOW, SNOW, EYMN, EYMN, NVAR, NVAR, PDAR, PDAR, PDAR, HWAT, TRCR, NLU, SADO, MVU, MSU, SRU, NEN, PV10, JSC, ANMO, BLO, BNM, WCI, PWI, WMOK, GDL2, GDL2, WNTX, WNTX, WVT, WVT, MIAR, MIAR, MYNC, MYNC, TRQA, TRQA, LTX, LTX, TXAR, TXAR, TXAR, TXAR, BAO, BAO, BAO, BDF, BDF, JCT, JCT, SDV, SDV, SDV, LPAZ, LPAZ, LPAZ, ROSC, ROSC, OTAV, OTAV.

Table of station data for 30d 4h, including call signs like FX1, VDA, VDA, ZAL, ZAL, BVAR, BVAR, MAW, MAW, ILAR, ILAR, ILAR, INK, INK, INK, BBB, BBB, YBH, YBH, NVAR, NVAR, NVAR, YKA, YKA, YKA, AKASG, AKASG, TXAR, TXAR, KHC, KHC, GERES, GERES, GERES, DAVOX, DAVOX, DAVOX, HAVF, HAVF, HAU, HAU, HAU, SCHO, SCHO, SCHO, MEZF, MEZF, MBDF, MBDF, SSF, SSF, BGF, BGF, DBIC, DBIC, BDFB, BDFB.

Table titled 'Southeast of Shikoku' listing station names, coordinates, and other details for the region.

Table titled 'NICOBAR ISLANDS REGION' listing station names, coordinates, and other details for the Nicobar Islands region.

Table titled 'NICOBAR ISLANDS REGION' listing station names, coordinates, and other details for the Nicobar Islands region.

2.6nm,0.9s,mb4.2,baz=174,slow=4.6,SNR=2.4

IDC 30 05:46:27.0-12.0, 13.28N-92.16E, mb3.8/2, mb1 3.9/3, mb1mx3.5/18, mbmtmp3.6/3, ML3.6/1, Error ellipse: s-maj=268.2km s-min=48.3km az=110.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs.

IDC 30 05:12:03.5-1.0, 6.67N-92.84E, mb4.0/10, mb1 4.2/11, mb1mx4.0/20, mbtmp4.0/11, ML3.8/1, Error ellipse: s-maj=40.3km s-min=20.6km az=49.0

ISC 30 05:12:06.9-0.8, 6.7N-0.1, 93.0E-0.1, h33km, n18, c=064/18, mb4.4/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs, BRTR Keskin Array B, FINES FINESS Array B, ARCES ARCESS Array B, GERES GERESS Array B, DAVOX Davos.

CSEM 30 05:12:34.5-0.5, 38.70N-27.72W, h30km, ML1.6, Error ellipse: s-maj=24.3km s-min=9.0km az=179.0

PDA 30 05:12:39.0-0.8, 38.80N-27.78W, h5km, gkm, MD2.5, ML1.6, Error ellipse: s-maj=2.3km s-min=2.2km az=128.0

SVSA 30 05:12:39.0-0.6, 38.80N-27.76W, h5km, gkm, MD2.5, ML1.6, Error ellipse: s-maj=2.3km s-min=2.2km az=128.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PMAN Manadas, STGR Santa Cruz, ASBA Santa Barbara, ROSA Rosais, PPAD Pico dos Padre, PBIS Biscoitos, PNVN Vila Nova, RIB2 Ribeirinha, PFAV Pico das Favas, PICO Pico, PCED Cedros, CALA Caldeira.

IDC 30 05:13:30.1-1.2, 4.18N-94.10E, mb4.0/7, mb1 4.1/8, mb1mx3.9/19, mbmtmp3.9/8, Error ellipse: s-maj=49.4km s-min=21.7km az=50.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungarra Arr, ASAR Alice Springs, BVAR Borovoye Array, BRTR Keskin Array B, FINES FINESS Array B, GERES GERESS Array B.

IDC 30 05:15:26.5-0.8, 10.52N-92.82E, mb4.1/11, mb1 4.1/12, mb1mx4.1/20, mbtmp4.1/12, Error ellipse: s-maj=30.3km s-min=16.0km az=52.0

ISC 30 05:15:29.8-0.8, 10.6N-0.1, 92.9E-0.1, h33km, n12, c=079/12, mb4.1/11, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, JWAR Kunigami, SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, WRA Warrungarra Arr, ASAR Alice Springs, BRTR Keskin Array B, STKA Stephens Creek, FINES FINESS Array B, GERES GERESS Array B, ILAR Eielson Array.

IDC 30 05:17:30.7-0.7, 5.36N-94.14E, mb4.4/17, mb1 4.5/18, mb1mx4.4/23, mbtmp4.3/18, ML4.0/1, Error ellipse: s-maj=31.6km s-min=15.5km az=46.0

NEIC 30 05:17:37.0-0.8, 5.66N-94.12E, h30km, mb4.7/16, Error ellipse: s-maj=22.5km s-min=14.5km az=83.0

BUI 30 05:17:37.0-0.5, 5.66N-94.12E, h30km, mb5.0

SYO 30 05:17:37.0-0.5, 5.66N-94.12E, h30km, MB4.7

ISC 30 05:17:35.2-3.3, 5.54N-10.09-94.36E-0.09, h33km, 28km, n56, c1923/53, mb4.6/42, 2C-1D, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, QIZ Qiongzong, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GYA Guiyang, LSA Lhasa, LSA Koldanda, ENH Enshi, XAN Xi'an, GTA Gaotai, N2J Nanjing, MBWA Marble Bar, WMQ Urumqi, WMQ Wuyi, BJT Baijiatuu, SONM Songoing Array, ULN Ulaanbaatar, KS15 Keskin Array B, WRA Warrungarra Arr, ASAR Alice Springs, HIA Hailar, ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, PMG Port Moresby, ARU Arti, STKA Stephens Creek, MALT Malatya, BRTR Keskin Array B, MA2 Magadan, IDI Anoyia, AKASA Alatin Array B, FINES FINESS Array B, OJC Ojow, ARCES ARCESS Array B, BILL Bilibino, FX1 Attu Island, GERES GERESS Array B, KHC Kasperske Hory, CLL Collar, NOA Norsall, DAVOX Davos, SYO Syowa Base, EKA Eskdalemuir, VANDA Vanda, SBA Scott Base, ILAR Eielson Array, ULM Lac du Bonnet, TXAR Lajitas Array, IDC 30 05:26:13.9-2.2, 24.01S-67.00W, h172km, 15km, mb3.5/3, mb1 3.8/6, mb1mx3.6/16, mbtmp4.1/6, Error ellipse: s-maj=29.3km s-min=22.4km az=175.0, Chile-Argentina border region, LVC Limon Verde, LPAZ La Paz, BDFB Brasilia, TXAR Lajitas Array, YLM Lac du Bonnet, ULA Yellowknife, ASAR Alice Springs, WRA Warrungarra Arr, IDC 30 05:31:34.0-0.9, 3.79N-90.25E, mb3.8/10, mb1 3.9/11, mb1mx3.9/19, mbtmp3.8/11, MS4.0/7, Ms1 4.0/7, ms1mx3.6/23, Error ellipse: s-maj=40.3km s-min=17.0km az=50.0, ISC 30 05:31:37.7-0.8, 3.7N-0.1, 90.4E-0.2, h33km, n22,

c1528/17, mb4.2/14, MS4.1/6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, CMAR comp=Z,207nm, PKI Pulchoki, DMN Daman, KKN Kakani, GUN Gumba, GKN Gorkh, KOLN Koldanda, SONM Songoing Array, SONM comp=Z,116nm, WRA Warrungarra Arr, ZAL Zalesovo, ASAR Alice Springs, BVAR Borovoye Array, KMBQ Kilima Mbogo, EIL Elat, STKA Stephens Creek, BRTR Keskin Array B, AKASA Keskin Array B, MAW Mawson, FINES FINESS Array B, GERES GERESS Array B, NOA NORPAR Array B, VANDA Vanda.

IDC 30 05:40:56.1-0.8, 8.34N-92.52E, h34km, 4km, mb3.6/7, mb1 3.6/9, mb1mx3.6/19, mbmtmp3.7/8, ML3.8/1, MS3.5/1, Ms1 3.5/1, ms1mx2.9/24, Error ellipse: s-maj=32.9km s-min=14.4km az=92.0

NEIC 30 05:40:58.3-0.8, 7.58N-92.38E, h30km, mb4.5/9, Error ellipse: s-maj=22.2km s-min=12.6km az=48.0

BUI 30 05:40:58.2, 7.60N-92.40E, h30km, mb4.6

ISC 30 05:40:54.4-0.6, 8.26N-10.09-92.59E-0.10, h35km, h35km, 2.2km, pP-P, n31, c1502/23, mb4.2/13, MS3.5/1, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, VIS Vishakhapatnam, VIS comp=Z,34nm, MDRS Chennai, MDRS comp=Z,27nm, BWNR Bhubaneswar, BWNR comp=Z,27nm, HYB Hyderabad, KAD Karad, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, BHPL Bhopal, GKN comp=Z,11nm, KHC Keskin Array B, KOLN Koldanda, LSA Lhasa, GYA Guiyang, ENH Enshi, GTA Gaotai, AAK Alta Archa, BJT Baijiatuu, MBWA Marble Bar, SONM Songoing Array, SONM comp=Z,1.4nm, ULN Ulaanbaatar, HIA Hailar, BVAR Borovoye Array, BVAR comp=Z,0.9nm, CHKZ Chkalovo, WRA Warrungarra Arr, WRA comp=Z,2.3nm, WRAB Tennant Creek, ASAR Alice Springs, ASAR comp=Z,1.8nm, ASAR comp=Z,1.0nm, ASAR comp=Z,1.3nm, BRTR Keskin Array B, BRTR comp=Z,0.5nm, GERES GERESS Array B, GERES comp=Z,0.3nm, GERES comp=Z,1.0nm, ILAR Eielson Array, ILAR comp=Z,0.4nm.

IDC 30 05:45:24.2-0.8, 15.75N-61.56W, mb3.9/6, mb1 4.1/9, mb1mx3.8/23, mbtmp3.9/9, ML3.6/2, Error ellipse: s-maj=13.0km s-min=9.2km az=116.0

TRN 30 05:45:24.9, 15.76N-61.36W, h20km, MD3.9

ISC 30 05:45:26.0-0.5, 15.73N-0.2, 61.57W-0.05, h23km, 5km, n26, c116/35, mb3.9/6, 6C-2D, Leeward Islands



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Barber's Block, Wesley, Marie-Galante, etc.

IDC 30 05:50:38.8-3.5, 18.25x178.13W, h572km, 37km, mb3.0/6, mbl 3.2/6, mb1mx3.1/15, mbtmp3/9.6, Error ellipse: s-maj=11.0km s-min=16.9km az=152.0, Fiji Islands region

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

IDC 30 05:51:05.2-5.2, 7.20N-93.24E, mb3.3/2, mbl 3.7/3, mb1mx3.4/18, mbtmp3.5/3, ML3.8/1.9, Error ellipse: s-maj=142.2km s-min=34.3km az=76.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, etc.

IDC 30 05:56:49.1-4.8, 8.12N-91.56E, mb3.5/2, mbl 3.7/3, mb1mx3.5/18, mbtmp3.5/3, Error ellipse: s-maj=126.5km s-min=37.1km az=78.0, Nicobar Islands region

IDC 30 05:58:53.5-6.8, 8.3N-0.2, 91.8E-0.1, h33km, n4, s168/5, mb3.5/2, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Vijayawada, Songoing Array, etc.

IDC 30 06:01:56.2-2.7, 10.20N-92.36E, mb3.5/4, mbl 3.7/5, mb1mx3.6/18, mbtmp3.5/5, ML3.8/1.9, Error ellipse: s-maj=80.8km s-min=27.1km az=72.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Zalesovo, etc.

IDC 30 06:04:11.6-3.5, 8.50N-93.43E, mb3.7/3, mbl 3.9/4, mb1mx3.7/18, mbtmp3.7/4, ML4.1/1, Error ellipse: s-maj=110.4km s-min=29.1km az=80.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Zalesovo, etc.

IDC 30 06:15:51.0-0.8, 9.39N-93.06E, mb4.1/10, mbl 4.3/10, mb1mx4.1/18, mbtmp4.1/10, Error ellipse: s-maj=45.2km s-min=16.1km az=55.0, BUI 30 06:15:53.9, 9.21N-92.72E, h41km, mb4.4

NEIC 30 06:15:55.9-0.6, 9.29N-93.02E, h30km, mb4.5/5, Error ellipse: s-maj=20.6km s-min=13.9km az=79.0, SYO 30 06:15:55.8, 9.29N-93.02E, h30km, MB4.5

IDC 30 06:15:54.3-0.5, 9.20N-0.07, 92.95E-0.10, h33km, n28, s085/27, mb4.3/16, 1D, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Daman, Gumba, KKK, GKN, KOLN, etc.

HRVD 30 06:38:15.8-1.3, 9.18N-92.60E, h41km, 5km, MW4.7/21, Centroid moment Tensor Solution. LP body waves: s6c7; Mantle waves: s21, c25; Half duration: 0 Moment tensor: Scale 1019Nm; M1-0.56; 2; M2-0.21; 20; M3-0.77; 19; M4-0.18; 17; M5-0.84; 12; M6-1.06; 20; Best double couple: M1.52x1016 NP1.0; 112; 838; lambda-158; NP2.0; 4; 876; lambda-54; Principal axes: T 1.6, Plg23; Azm67; N-1.6, Plg35; Azm175; P-1.44, Plg46; Azm311; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

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

BUI 30 06:38:15.1, 8.86N-92.25E, h11km, mb4.7, mb4.7, Ms4.5, CSEM 30 06:38:18.2, 7.89N-91.48E, h33km, mb5.6

MOS 30 06:38:18.7, 0.8, 8.99N-92.35E, h33km, mb5.0/43, Error ellipse: s-maj=13.6km s-min=6.2km az=123.0, NEIC 30 06:38:20.0-0.2, 9.01N-92.33E, h30km, mb4.8/42, Error ellipse: s-maj=7.7km s-min=5.9km az=36.0

IDC 30 06:38:19.7-0.4, 8.94N-92.33E, h28km, mb4.3/26, mbl 4.4/27, mbl1mx4.3/30, mbtmp4.4/27, ML4.0/1, Ms4.1/6, mbl 1.4/2, mbl1mx3.6/29, Error ellipse: s-maj=19.7km s-min=9.1km az=44.0, ISC 30 06:38:18.2-0.3, 8.91N-0.04, 92.30E-0.03, h29km, h29km, 4km, pP, n207, s1502/203, mb4.7/82, MS4.2/11, 4C-4D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CM31, CMAR, PALK, etc.

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

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

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

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

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

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

CHMS Chumyush 37.23 379 P P 06 45 30.6 +1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EKS2, BJT, BJT, etc.

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

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

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

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

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

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

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





30d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JACH Jahul, PTCH Petorca, PEL Peidehuz, etc.

IDC 30 07:30:07.6-3.0, 6.83N-91.81E, mb3.6/3, mb1 3.9/4, mb1mx3.7/18, mbtmp3.7/4, ML3.9/1, Error ellipse: s-maj=97.0km s-min=30.5km az=73.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

IDC 30 07:30:17.1-4.5, 6.75N-92.00E, mb4.0/4, mb1 4.3/5, mb1mx3.9/18, mbtmp3.4/15, ML4.1/1, Error ellipse: s-maj=135.9km s-min=27.1km az=78.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

IDC 30 07:35:32.9-1.6, 39.11N-22.28E, h67km, 20km, mb3.7/8, mb1 3.8/13, mb1mx3.5/26, mbtmp3.9/13, Error ellipse: s-maj=29.4km s-min=10.9km az=58.0

NEIC 30 07:35:35.5, 39.12N-22.29E, h98km, MD4.4 (PDG), After ATH.

ATH 30 07:35:35.5, 39.13N-22.29E, h98km, 3km, ML4.3

CSEM 30 07:35:35.0-0.1, 39.11N-22.26E, h100km, mb3.8/1, Error ellipse: s-maj=1.9km s-min=1.1km az=45.0

PDG 30 07:35:36.3-0.5, 39.23N-22.14E, h31km, 2km

IDC 30 07:35:34.6-0.2, 39.13N-22.16E, 0.03, h113km, 3km, n132, r193/187, mb3.9/9, 22C-21D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVR Erytrania, LKR Lokris, NEO Neokhori, etc.

2000 DEC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, IDC 30 07:39:03.4-4.8, 5.87N-93.17E, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SHL Hillong, Latur, Pulchoki, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BILL Bilibino, GERES Array B, KHC Kasperke Hory, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, BWNR Bhuaneshwar, etc.



30d 8h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Tabuk, Jabal al Asfar, Malatya, Kilima Mbogo, etc.

IDC 30 08:13:09.1±0.8, 9.48N-93.70E, mb4.3/11, mb1.4/4/11, mb1mx4.2/20, mbtmp4.3/11, MS3.9/1, Ms1.3/9/1, ms1mx3.0/25, Error ellipse: s-maj=38.7km s-min=19.1km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sonm, Wra, Wra, Wra, etc.

IDC 30 08:18:57.1±0.8, 9.30N-93.56E, mb4.1/12, mb1.4/2/12,

2004 DEC

mb1mx4.1/17, mbtmp4.1/12, Error ellipse: s-maj=47.1km s-min=15.0km az=53.0
BUJ 30 08:19:01.3, 9.18N-93.29E, h47km, mb4.1
NEIC 30 08:19:02.3±0.7, 9.32N-93.77E, h30km, mb4.5/10, Error ellipse: s-maj=21.4km s-min=16.6km az=65.0

SYO 30 08:19:02.4, 9.32N-93.79E, h30km, MB4.5
ISC 30 08:19:00.1±0.5, 9.21N-100.07E, 93.57E, 0.09, h33km, n41, s=1501,33, mb4.3/24, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, PALK, PKI, GUN, DMN, KKN, GKN, LSA, KOLN, GYA, GYA, DGAR, GTA, AAK, SONM, ZAL, BVAR, BRVK, CHKZ, WRA, WRA, GUMO, ASAR, PMG, KMBO, KMBO, STKA, STKA, FINES, KAF, ARCES, GERES, NOA, DAVOX, LPGA, LPGA, EKA, SYO, SYO, ESDC, ILAR, ILAR, INK, YKA, NVAR, PDAR, TXAR, TXAR, SDV, SDV, LVC, LVC, etc.

IDC 30 08:22:36.2±1.1, 0.566N-95.24E, mb3.4/3, mb1.3/6/3, mb1mx3.4/17, mbtmp3.4/3, Error ellipse: s-maj=387.2km s-min=34.7km az=70.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like POO, SONM, WRA, WRA, ZAL, ZAL, ASAR, ASAR, ASAR, FINES, GERES, etc.

IDC 30 08:36:30.4±9.4, 6.10N-93.29E, h51km, 82km, mb3.7/7, mb1.3/9/8, mb1mx3.7/19, mbtmp3.9/8, ML.4.1/1, Error ellipse: s-maj=87.4km s-min=19.0km az=52.0

ISC 30 08:36:26.2±1.0, 6.00N-101.93E, 0.2, h33km, n9, s=0818, mb4.0/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, WRA, ZAL, ASAR, etc.

112

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR, BRTR, GERES, TXAR, etc.

IDC 30 08:39:50.3±1.3, 5.14N-94.63E, h47km, 8km, mb3.7/6, mb1.3/9/6, mb1mx3.6/18, mbtmp3.9/6, Error ellipse: s-maj=49.5km s-min=19.2km az=56.0

ISC 30 08:47:51.1, 4.8N-102.94E, 0.2, h48km, h48km±1.2km, pP, n14, s=0910, 13, mb4.2/9, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, PKI, DMN, GUN, KKN, GKN, KOLN, SONM, SONM, WRA, ASAR, ZAL, BVAR, GERES, ASAR, TXAR, etc.

ATH 30 08:45:18.3, 37.17N-28.81E, h7km, 7km, MD3.1/4 ISK 30 08:45:21.9, 36.82N-28.23E, h31km, MD3.1 CSEM 30 08:45:22.1±0.2, 37.14N-28.54E, h2km, MD3.1, Error ellipse: s-maj=5.1km s-min=2.4km az=55.0

NEIC 30 08:45:23.0, 37.08N-28.56E, h36km, MD3.1 (ATH), After ATH

ISC 30 08:45:23.6±0.7, 37.02N-28.39E, 0.04, h8km±7km, n17, s=191726, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALT, MLSB, FEYF, AYDN, BDRM, ARG, DNZL, DENIZ, NISR, SMG, MANT, IZM, KADAG, KARP, AKS, BTKO, etc.

IDC 30 08:49:06.2±0.9, 18.80N-95.80E, mb3.9/9, mb1.4/1/10, mb1mx3.9/19, mbtmp3.8/10, ML3.5/1, Error ellipse: s-maj=33.3km s-min=12.6km az=43.0

ISC 30 08:49:05.9±0.6, 19.9N-101.96E, 0.06, h10km, n20, s=128233, mb3.9/9, 1D, Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, CHRT, CHRT, NANT, NANT, GUN, PKI, KKN, DMN, GKN, KOLN, SONM, ZAL, BVAR, WRA, WRA, ASAR, FINES, NOA, ILAR, TXAR, BDFB, etc.

IDC 30 08:53:54.5±0.7, 8.40N-92.27E, mb3.9/13, mb1.4/4/14, mb1mx4.3/21, mbtmp4.3/14, ML3.8/1, MS3.4/1, Ms1.3/6/1, ms1mx3.1/27, Error ellipse: s-maj=31.5km s-min=15.5km az=49.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOS, NEIC, SYO, BUI, ISC, etc.









30d 10h

Table of station data for 30d 10h, including columns for station name, coordinates, and various performance metrics.

2004 DEC

Main table of station data for 2004 DEC, including columns for station name, coordinates, and various performance metrics.

1146

Table of station data for 1146, including columns for station name, coordinates, and various performance metrics.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Songing Array, Warramunga Arr, etc.

IDC 30 10:54:17.5, 1.3, 11.92N:92.71E, mb3.7/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.7/6, ML3.8/1, Error ellipse: s-maj=36.4km s-min=23.9km az=67.0

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

MOS 30 10:59:34.7, 1.0, 13.11N:92.02E, h33km, mb4.8/18, Error ellipse: s-maj=19.7km s-min=9.3km az=107.3

NEIC 30 10:59:36.2, 0.6, 13.25N:92.03E, h30km, mb4.7/18, Error ellipse: s-maj=13.5km s-min=10.2km az=58.0

BUI 30 10:59:36.1, 13.20N:92.00E, h30km, mb4.7, Mb4.5, Ms2.7

SYO 30 10:59:36.1, 13.25N:92.03E, h30km, MB4.7

IDC 30 10:59:37.9, 1.1, 13.32N:92.06E, h39km, 53km, mb4.2/19, mb1 4.2/20, mb1mx4.2/25, mbtmp4.2/20, ML4.2/1, Error ellipse: s-maj=32.3km s-min=11.2km az=48.0

ISC 30 10:59:34.0, 4.0, 13.28N:0.05-92.00E, 0.04, h30km, n88, 1526/96, mb4.5/41, MS4.1/3, AC-4D, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Bhubaneswar, Vishakhapatnam, etc.

Table with columns: NJ2, LR, LR. Includes stations like Sheshan, Borovoye Array, etc.

ISC 30 11:09:09.3, 1.2, 22.35S:0.6, 179.9W, 3.0, h609km, 43km, n16, 054/59, mb4.0/7, South of Fiji Islands

Table with columns: HIA, BVAO, BRVK, etc. Includes stations like Hailar, Borovoye Array, etc.

ISC 30 11:09:10.9, 2.5, 22.60S:179.81W, h610km, 32km, mb3.4/7, mb1 3.6/7, mb1mx3.4/14, mbtmp3.4/7, Error ellipse: s-maj=57.3km s-min=13.3km az=159.0

ISC 30 11:09:11.6, 1.0, 9.86N:150.193E, 0.0, 179.9W, 3.0, h609km, 43km, n16, 054/59, mb4.0/7, South of Fiji Islands

Table with columns: HIA, BVAO, BRVK, etc. Includes stations like Hailar, Borovoye Array, etc.

Table with columns: ESDC, ESLS, SYO, etc. Includes stations like Sonseca Array, Sonseca Array, etc.

PRU 30 11:09:08.0, 50.29N:19.01E

WAR 30 11:09:07.0, 50.23N:19.04E, h1km, Location given by Central Institute of Mining, origin time based upon OJC, Poland

Table with columns: OJC, OJC, OJC, etc. Includes stations like Ojcow, Nedzwa-Krasne, etc.

IDC 30 11:09:10.9, 2.5, 22.60S:179.81W, h610km, 32km, mb3.4/7, mb1 3.6/7, mb1mx3.4/14, mbtmp3.4/7, Error ellipse: s-maj=57.3km s-min=13.3km az=159.0

Table with columns: CTA, STKA, ASAR, etc. Includes stations like Charters Tower, Stephens Creek, etc.

IDC 30 11:14:36.5, 1.1, 8.54N:93.44E, mb3.7/8, mb1 3.9/9, mb1mx3.8/19, mbtmp3.8/9, ML4.6/1, Error ellipse: s-maj=26.4km s-min=10.7km az=53.0

ISC 30 11:14:39.8, 0.9, 8.6N:101.93E, 0.2, h33km, n15, 056/13, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Pulchoki, etc.

IDC 30 11:16:17.1, 0.9, 8.46N:93.53E, mb4.0/12, mb1 4.2/13, mb1mx4.1/20, mbtmp4.0/13, ML4.5/1, Error ellipse: s-maj=40.3km s-min=21.4km az=46.0

ISC 30 11:16:20.3, 0.8, 8.5N:101.93E, 0.1, h33km, n20, 058/19, mb4.2/14, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Pulchoki, etc.

Table with columns: NJ2, NJ2, NJ2, etc. Includes stations like Nanjing, etc.

Table with columns: ESDC, ESLS, SYO, etc. Includes stations like Sonseca Array, Sonseca Array, etc.



ESDC Sonseca Array 90.47 310 P P 11 29 21.0 +0.7
PDAR Pinedale Array 124.72 21 PKP PKPpdf 11 35 20.0 +2.9

IDC 30 11:21:05.9-1.8, 5.93N-124.01E, h559km, 20km, mb2.9/8, mb1 3.1/8, mb1mx3.0/19, mbtmp3.9/8, Error ellipse: s-maj=41.5km s-min=-9.6km az=67.0, Mindanao
Code Station Name A° AZ° Phase ID Time Res h m s ISC

IDC 30 11:26:36.7-0.7, 5.13N-94.64E, mb4.5/18, mb1 4.6/18, mb1mx4.5/24, mbtmp4.5/18, MS3.2/1, Ms1 3.4/1, ms1mx2.9/24, Error ellipse: s-maj=37.1km s-min=-13.1km az=46.0
BUJ 30 11:26:40.2, 4.77N-94.60E, h49km, mb5.0, mb5.0, Ms4.3, Ms3.8

NEIC 30 11:26:41.4-0.6, 5.09N-94.69E, h30km, mb4.8/19, Error ellipse: s-maj=15.4km s-min=10.2km az=48.0
SYO 30 11:26:41.4, 5.09N-94.69E, h30km, MB4.8
ISC 30 11:26:40.0-0.5, 5.02N-94.07E, h30km, n71, +0.99/67, mb4.7/46, MS3.9/2, 2C-2D, Northern Sumatra

Code Station Name A° AZ° Phase ID Time Res h m s ISC
CM31 Chiang Mai Arr 13.99 17 Pn P 11 30 01.5 +3.4
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 05.5 +2.3
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 57.8

CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 01.5 +3.4
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 05.5 +2.3
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 57.8
PALK Pallekele 14.20 200 S P 11 30 05.5 +5.9

CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 01.5 +3.4
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 05.5 +2.3
CMAR Chiang Mai Arr 13.99 17 Pn P 11 30 57.8
PALK Pallekele 14.20 200 S P 11 30 05.5 +5.9

PMG Port Moresby 54.20 105 eP P 11 36 04.9 -0.2
CTA Charters Tower 56.46 118 P P 11 36 21.5 +0.2
CTAO Charters Tower 56.46 118 P P 11 36 20.9 -0.4

STKA Stephens Creek 57.76 133 P P 11 36 30.5 +0.2
STKA Stephens Creek 57.76 133 P P 11 36 30.5 +0.1
STKA Stephens Creek 57.76 133 P P 11 36 30.5 +1.1
ARU Aru 57.76 133 P P 11 36 30.5 -1.1

IDC 30 11:30:37.0-0.7, 8.54N-93.53E, mb4.0/15, mb1 4.2/16, mb1mx4.1/20, mbtmp4.0/16, ML4.4/1, Error ellipse: s-maj=40.9km s-min=15.6km az=50.0
ISC 30 11:30:40.7-0.5, 8.61N-100.93E, 0.1, h33km, n32, +0.93/30, mb4.2/17, Nicobar Islands region
Code Station Name A° AZ° Phase ID Time Res h m s ISC

CMAR Chiang Mai Arr 11.01 27 Pn P 11 33 18.9 -0.1
VIS Vishakhapatnam 13.60 313 eS S 11 33 53.2 -0.6
VIS Vishakhapatnam 13.60 313 eS S 11 36 04.2 -2.0

CMAR Chiang Mai Arr 11.01 27 Pn P 11 33 18.9 -0.1
VIS Vishakhapatnam 13.60 313 eS S 11 33 53.2 -0.6
VIS Vishakhapatnam 13.60 313 eS S 11 36 04.2 -2.0

BHPL comp=Z,7.9nm,1.0s,mb4.1 Amb AMB 11 39 16.3
GUN Gumba 22.49 344 eP P 11 39 11.7 +0.5
KKN comp=Z,1.9nm,0.6s,mb4.7 22.55 342 eP P 11 39 13.4 +1.5

GKN Gorkha 22.95 341 eP P 11 39 16.9 +1.0
KOLN Koldanda 23.09 339 eP P 11 39 18.3 +1.1
LSA Lhasa 23.34 356 P P 11 39 20.4 +0.8
MBWA Marble Bar 37.96 137 P P 11 41 28.6 -1.2
BJT Bajijatuau 59.28 59 P P 11 41 41.5 -1.6

SONM Songino Array 42.98 13 P P 11 42 10.8 -0.2
SONM Songino Array 42.98 13 P P 11 42 02.0 +0.3
ULN Ulanbaatar 43.16 14 P P 11 42 11.9 -0.6
WRA Warramunga Arr 48.43 124 P P 11 42 55.1 +0.4
WRA Warramunga Arr 48.43 124 P P 11 44 21.8 +0.7

NAO 30 11:37:40.8-4.6, 6.272N-32.98E, ML2.0
HEL 30 11:37:41.8-0.5, 6.272N-33.85E, ML1.9, ML2.0(NAO), Explosion, Baltic States - Belarus - Northwestern Russia
Code Station Name A° AZ° Phase ID Time Res h m s ISC

APAO Apatity Array 0.35 251 Op Pg 11 37 47.2 -1.5
APAO Apatity Array 0.35 251 I S Pg 11 37 51.9
APAO Apatity Array 0.35 251 I S Pg 11 37 51.9

GUC 30 11:48:37.0-4.0, 7.3443S-70.39N, h10km, 2km, MD3.6, ML2.0, 6C, Chile-Argentina border region
Code Station Name A° AZ° Phase ID Time Res h m s ISC











IDC 30 14:17:59.7,0.9,11.32N,91.90E,mb3.9/10,mb1 4.0/11, mb1mx4.0/18,mbtmp3.8/11,ML3.3/1,MS3.2/1,Ms1 3.4/1, ms1mx2.6/29, Error ellipse: s-maj=37.6km s-min=16.7km az=51.0

ISC 30 14:18:02.5,0.7,11.35N,100.99,1.8E,0.1,h33km,n23, s=096/24,mb3.9/10,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Vishakhapatnam, BWNR, SHL, PDK, etc.

PRU 30 14:19:11.2,50.31N,18.99E WAR 30 14:19:11.0,50.23N,19.04E,h1km, Location given by Central Institute of Mining, origin time based upon OJC, Poland

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

NEIC 30 14:23:21.9,45.02S,167.38E,h106km, After WEL, WEL 30 14:23:22.0,0.3,45.06S,167.43E,h109km,2km,ML4.8/12, Error ellipse: s-maj=3.0km s-min=1.5km az=90.0

IDC 30 14:23:22.0,6.3,44.88S,167.71E,h129km,3.6km,mb3.2/2, mb1 3.5/3,mb1mx3.9/9,mbtmp3.7/3, Error ellipse: s-maj=108.8km s-min=28.0km az=7.0

ISC 30 14:23:19.0,6.45,45.03S,167.58E,0.07,h123km,5km, n38, s=109/49,mb3.6/2,4C,6D, South Island

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

IDC 30 14:24:53.4,4.5,8.13N,92.43E,mb3.4/3,mb1 3.7/4, mb1mx3.5/17,mbtmp3.5/4,ML3.7/1, Error ellipse: s-maj=129.8km s-min=28.6km az=78.0

ISC 30 14:24:57.1,1.2,8.2N,0.1,92.6E,0.2,h33km,n10, s=054/10,mb3.9/5,Nicarobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station Chiang Mai Arr.

Table with columns: PKI, DMN, GUN, KKN, GKN, KOLN, SONM, WRA, ASAR. Includes station Pulchoki.

IDC 30 14:28:07.4,2.0,7.63N,93.87E,mb3.8/3,mb1 4.0/4, mb1mx3.7/17,mbtmp3.8/4,ML3.9/1, Error ellipse: s-maj=62.1km s-min=30.2km az=64.0

ISC 30 14:28:12.4,1.4,7.8N,0.2,94.3E,0.2,h33km,n5, s=197/9,5, mb3.8/3,Nicarobar Islands region

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

IDC 30 14:33:23.4,1.2,11.13N,92.57E,mb3.9/7,mb1 4.1/8, mb1mx3.9/18,mbtmp3.9/6,ML4.0/1, Error ellipse: s-maj=39.3km s-min=20.7km az=62.0,Andaman Islands region

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

IDC 30 14:34:05.6,8.2,6.43S,148.15E,h78km,52km,mb3.8/2, mb1 3.8/4,mb1mx3.6/12,mbtmp4.0/4,ML3.5/2, Error ellipse: s-maj=75.7km s-min=57.4km az=89.0,New Hebrides region

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

IDC 30 14:40:04.0,8.8,14.01N,92.26E,mb3.3/2,mb1 3.6/3, mb1mx3.3/17,mbtmp3.3/3,ML3.5/1, Error ellipse: s-maj=180.0km s-min=49.2km az=111.0,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CMAR, WRA, ASAR.

IDC 30 14:44:37.1,2.1,9.14N,93.93E,mb3.5/4,mb1 3.7/5, mb1mx3.6/18,mbtmp3.5/5,ML4.0/1,MS3.5/1,Ms1 3.5/1, ms1mx2.6/19, Error ellipse: s-maj=68.2km s-min=24.1km az=67.0

ISC 30 14:44:36.3,1.1,9.3N,0.0,1,93.4E,0.2,h33km,n13, s=055/12,mb3.4/4,MS3.5/1,Nicarobar Islands region

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

IDC 30 14:46:10.0,1.3,2.43N,94.37E,mb3.9/6,mb1 4.1/7, mb1mx4.0/18,mbtmp3.9/7,ML4.3/1,MS3.8/1,Ms1 3.8/1, ms1mx2.8/26, Error ellipse: s-maj=52.6km s-min=22.2km az=52.0, Off west coast of northern Sumatra

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

JMA 30 14:46:47.1,0.3,25.55N,122.48E,h218km,ML2.9 TAP 30 14:46:43.2,25.41N,122.89E,h266km,ML3.8,Taiwan region

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

IDC 30 14:46:40.2,0.9,7.47N,93.69E,mb4.3/10,mb1 4.4/11, mb1mx4.2/20,mbtmp4.3/11,ML3.9/1,MS3.3/1,Ms1 3.5/1, ms1mx2.7/20, Error ellipse: s-maj=36.9km s-min=18.6km az=47.0

ISC 30 14:46:43.5,0.8,7.5N,0.1,93.8E,0.1,h33km,n19, s=070/19,mb4.5/17,Nicarobar Islands region

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

IDC 30 14:57:21.1,0.7,8.11N,93.77E,mb4.3/16,mb1 4.4/17, mb1mx4.4/21,mbtmp4.3/17,ML4.2/1,MS3.7/1,Ms1 3.7/1, ms1mx2.7/20, Error ellipse: s-maj=34.7km s-min=14.6km az=50.0

MOS 30 14:57:23.9,1.2,8.09N,93.59E,h33km,mb4.9/21, Error ellipse: s-maj=20.6km s-min=10.0km az=86.0

BJI 30 14:57:24.0,7.83N,93.50E,h50km,mb5.1,mb4.6,Ms4.7, Ms4.2

NEIC 30 14:57:25.0,0.6,8.12N,93.69E,h30km,mb4.6/20, Error ellipse: s-maj=18.0km s-min=12.0km az=80.0

SYO 30 14:57:25.7,8.12N,93.70E,h30km,MB4.7

ISC 30 14:57:25.1,2.0,8.17N,0.0,96.83E,0.07,h37km,16km, n84, s=104/82,mb4.5/48,MS4.2/3,5C-1D,Nicarobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CM31, SHL, etc.

30d 15h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

ICD 30 15:02:11.5:0.5, 9.46N-75.01W, mb4.5/27, mb1 4.7/30, mb1mx3.6/34, mbtmp4.6/30, ML5.6/3, MS4.1/7, MS1 4.1/7, ms1mx3.9/21, Error ellipse: s-maj=16.0km s-min=11.6km az=52.0

2004 DEC

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

ICD 30 15:02:11.5:0.5, 9.46N-75.01W, mb4.5/27, mb1 4.7/30, mb1mx3.6/34, mbtmp4.6/30, ML5.6/3, MS4.1/7, MS1 4.1/7, ms1mx3.9/21, Error ellipse: s-maj=16.0km s-min=11.6km az=52.0

1154

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

ICD 30 15:05:35.0:1.8, 7.44N-94.10E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, mbtmp3.6/18, ML4.0/1, Error ellipse: s-maj=58.7km s-min=27.7km az=59.0, Nicobar Islands region

ICD 30 15:08:23.8:12.0, 6.19N-92.29E, mb3.7/2, mb1 4.0/3, mb1mx3.6/17, mbtmp3.7/3, ML3.8/1, Error ellipse: s-maj=287.8km s-min=49.6km az=90.0, Nicobar Islands region

NEIC 30 15:21:4.4, 34.53S-71.03W, h86km, MD3.7(GUC), After GUC. GUC 30 15:15:21.4:0.7, 34.53S-71.03W, h86km, 3km, MD3.7, ML4.2, 11C-BD, Near coast of central Chile



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TALC Talca, PCH Pirque, ANTU Antumapu, SJCH San Jose de Ma, RCDM Rinconada Maip, PUEX Pudahuel, STL Santa Lucia, LCH Las Cruces, DSCH Colegio Aleman, CLCH Cerro Calan, FCH Farellones, PEL Peidehue, ROCH El Roble, JACH Jahuel, PACH Papudo, MDZ Mendoza.

IDC 30 15:15:49.1±1.5, 33.06N-140.70E, h52km, 14km, mb3.6/12, mb1 3.8/13, mb1mx3.7/22, mbtmp3.9/13, ML4.0/1, Error ellipse: s-maj=22.1km s-min=11.7km az=67.0

JMA 30 15:50.1±0.1, 33.221N-140.69E, h58km, 23km, M4.1, JMA Felt J1.

NIED 30 15:16:00, 33.30N-140.70E, h56km, Mw3.8 Best double couple: M0.37x10^14 NP1.0±21.5, 0.78°, L-82°. NP2.0±165°, 0.15°, N-125°

ISC 30 15:48.7±0.6, 33.32N-140.71E, 0.06, h64km, 6km, n11, c081/48, mb9.9/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHU2 Mitsune, JHU2 Hachijo jima 2, JHU2 Miyakejima3, BS01 Boso 1, BS02 Boso 2, BS03 Boso 3, JKO Kozu shima, NJJ2 Nii jima 2, BS04 Boso 4, ESC4 Oshima 3, JIM2 Izuohshima, JIZ2 Izuohshima, KJZ2 Kamata 2, KJZ2 Kamata 2, JOD2 Odawara 2, TK04 Tokai 4, TK01 Tokai 1, SHZ2 Shizuoka 3, MAT2 Matsushiro, CBJ2 Chichi jima, CBJ2 Chichi jima, ASAJ Asahikawa, SONM Songoing Array, BVAR Borovoye Arr, WRA Warrungama Arr, ILAR Ileson Array, ASAR Alice Springs, INK Inuvik, STKA Stephens Creek, ARCES ARCES Array B, YKA Yellowknife Arr, FINES FINES Array B, BRTR Keskin Array B, TXAR Lajitas Array.

IDC 30 15:18:16.6±1.9, 8.87N-93.86E, mb3.7/3, mb1 4.0/4, mb1mx3.7/17, mbtmp3.5/4, ML3.9/1, MS3.4/1, Ms1 3.6/1, ms1mx3.2/21, Error ellipse: s-maj=57.3km s-min=32.1km az=58.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Putchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONM Songoing Array, WRA Warrungama Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Arr, BRTR Keskin Array B, AKASG Malin Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ASAR Alice Springs, GERES GERRS Array B.

IDC 30 15:37:32.2±4.5, 8.23N-91.74E, mb3.6/2, mb1 3.8/3, mb1mx3.5/17, mbtmp3.5/3, ML3.8/1, Error ellipse: s-maj=120.6km s-min=34.7km az=77.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, DALT Dalyan (Mudla), MLBS Milas, FETH Fethiye, BDRM Kayabasi, AYDN Tasoluk, ARG Arkhangelos, DNLZ Cakroluk, DENI Denizli, ELL Elmali, SMG Samos, MANT Manisa, IZM Izmir, KDAK Bornova, KARP Karpathos, AKS Akhisar.

IDC 30 15:49:44.8±5.1, 6.92N-91.31E, mb3.5/2, mb1 3.6/3, mb1mx3.4/17, mbtmp3.4/3, ML3.2/1, MS2.8/1, Ms1 3.0/1, ms1mx3.5/19, Error ellipse: s-maj=144.4km s-min=35.6km az=79.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, SONM Songoing Array, ASAR Alice Springs, IDC 30 15:51:09.9±2.5, 4.26S-135.95E, mb3.2/1, mb1 3.8/3, mb1mx3.6/11, mbtmp3.6/3, ML3.1/2, Error ellipse: s-maj=105.8km s-min=30.5km az=84.0, Irian Jaya region, WRA Warrungama Arr, ASAR Alice Springs, SONM Songoing Array.

IDC 30 16:00:15.4±8.3, 5.06N-94.50E, h112km, 72km, mb3.5/8, mb1 3.7/9, mb1mx3.6/19, mbtmp3.9/9, MS3.8/1, Ms1 3.8/1, ms1mx2.8/20, Error ellipse: s-maj=51.3km s-min=14.8km az=54.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SHL Shilling, SONM Songoing Array, WRA Warrungama Arr, ASAR Alice Springs, BVAR Borovoye Arr, KMBO Kuma Mbogo, STKA Stephens Creek, BRTR Keskin Array B, ARCES ARCES Array B, GERES GERRS Array B.

IDC 30 16:09:31.8±8.7, 5.25N-94.49E, h64km, 76km, mb3.7/10, mb1 3.9/11, mb1mx3.8/20, mbtmp4.0/11, Error ellipse: s-maj=53.6km s-min=17.3km az=53.0

ISC 30 16:09:26.5±0.8, 5.0N-101.94E, 0.2, h33km, n17, c1925/17, mb4.1/12, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PKI Putchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONM Songoing Array, WRA Warrungama Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Arr, BRTR Keskin Array B, AKASG Malin Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes GERES GERRS Array B, DAVOS Davos.

IDC 30 16:10:22.7±1.5, 10.29N-92.64E, mb3.9/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, ML4.0/1, MS3.2/1, Ms1 3.4/1, ms1mx2.6/27, Error ellipse: s-maj=56.7km s-min=20.4km az=65.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes CMAR Chiang Mai Arr, SONM Songoing Array, BVAR Borovoye Arr, WRA Warrungama Arr, ASAR Alice Springs, STKA Stephens Creek, ARCES ARCES Array B.

NEIC 30 16:16:12.3±1.1, 7.69N-93.61E, h30km, mb4.6/11, Error ellipse: s-maj=28.0km s-min=17.3km az=71.0

BJJ 30 16:16:12.5±7.40N-93.32E, h93km, mb3.3, mb4.8, IDC 30 16:16:14.7±5.3, 7.62N-93.50E, h46km, 48km, mb4.0/14, mb1 4.1/15, mb1mx3.9/22, mbtmp4.2/15, ML4.1/1, Error ellipse: s-maj=41.7km s-min=12.4km az=55.0

ISC 30 16:16:10.8±0.6, 7.53N-100.08, 93.5E, 0.1, h33km, n40, c0956/40, mb4.5/34, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, COCO West Island, PKI Putchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, LSA Lasa, KOLN Koldanda, ENH Enshim, GTA Gaotai, HHC Hu-ho-hao-te, HHC, HHC, BJT Beijing, BJJ Beijing, SONM Songoing Array, ULN Ulanbaatar, NWAO Narrogin (RO), ZAL Zalesovo, HIA Hial, WRA Warrungama Arr, WRAB Tennant Creek, BVAR Borovoye Arr, BVAR, CHKZ Chkalovo, ASAR Alice Springs, ASAR, ARU Arti, PMG Port Moresby, STKA Stephens Creek, STKA YAK, BRTR Keskin Array B, MA2 Magadar, FINES FINES Array B, KAF Kangasniemi, KAF Kangasniemi, KEV Kevo, ARCES ARCES Array B, GERES GERRS Array B, HFS Hagfors, NOA NORARS Array B.

IDC 30 16:18:28.0±0.9, 7.49N-94.02E, mb4.1/12, mb1 4.3/13, mb1mx4.2/21, mbtmp4.1/13, ML4.2/1, Error ellipse: s-maj=39.4km s-min=18.8km az=50.0

NEIC 30 16:18:32.7±0.9, 7.45N-94.04E, h30km, mb4.5/10, Error ellipse: s-maj=21.3km s-min=15.6km az=65.0

SYO 30 16:18:32.6±7.45N-94.04E, h30km, MB4.6, IDC 30 16:18:30.0±1.2, 6.92N-101.94E, 0.2, h33km, n17, c0954/34, mb4.3/23, IC, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PKI Putchoki, DMN Daman, GUN Gumba, KKN Kakani, LSA Lasa, GKN Gorkha, KOLN Koldanda, ENH Enshim, SONM Songoing Array, SONM, LSA Lasa, GKN Gorkha, KOLN Koldanda, ENH Enshim, SONM Songoing Array, SONM, ULN Ulanbaatar.











30d 17h

Table listing astronomical observations for 30 days and 17 hours. Columns include station code, station name, frequency, polarization, and signal-to-noise ratio (SNR).

2004 DEC

Table listing astronomical observations for December 2004. Columns include station code, station name, frequency, polarization, and signal-to-noise ratio (SNR).

1160

Table listing astronomical observations for 1160 MHz. Columns include station code, station name, frequency, polarization, and signal-to-noise ratio (SNR).



GKN	Gorkha	17.32 336	eP	P	18 02 05.9	-4.8
LSA	Lhasa	17.41 356	eP	P	18 02 09.6	-2.2
KOLN	Koldanda	17.56 333	eP	P	18 02 09.9	-3.8
QIZ	Qiongzong	17.97 66	P	P	18 02 20.5	+1.7
QIZ			S	AMB	18 05 38.0	+2.3
QIZ	comp=Z,154nm,2.1s			LR		
QIZ	comp=E,10um,13.0s			LR		
QIZ	comp=Z,15um,13.2s			LR		
QIZ	Qiongzong	17.97 66	eP	P	18 02 20.0	+1.2
BHPL	Bhopal	18.05 309j	eP	P	18 02 18.9	-1.0
BHPL	Karad	18.44 288j	iP	P	18 05 23.6	-1.4
KAD	Goa	18.45 282j	iP	S	18 02 19.8	-4.9
GOA				S	18 05 33.1	-1.3
GOA				S	18 02 28.5	+3.6
JHNSI	Jhansi	18.63 317j	iP	S	18 05 34.0	-1.3
JHNSI				S	18 02 24.0	-3.0
POO	Poona	19.06 291j	eP	P	18 03 38.0	-1.3
GYA	Guiyang	19.39 41j	iP	P	18 02 30.0	-2.2
GYA			AP	P	18 02 36.0	0.0
GYA	comp=Z,300nm,0.9s		AMB	AMB	18 02 39.0	
GYA	comp=Z,9um,10.2s		AMB	AMB		
GYA	comp=N,12um,16.2s		LR	LR		
GYA	comp=E,25um,15.8s		LR	LR		
GYA	comp=Z,28um,16.0s		LR	LR		
MNCY	Milnicoy	19.59 260j	iP	P	18 02 40.0	+1.7
MNCY					18 03 39.0	
BOM	Bombay	20.11 292j	eP	P	18 02 43.1	-0.6
BOM					18 06 10.8	-1.2
AGRA	Agra	20.23 320	eP	P	18 02 46.5	+1.5
LGTI	Lohaghat	20.58 328	eP	P	18 02 50.0	+1.4
PTH	Pithoragarh	20.67 328	eP	P	18 06 28.5	-4.1
CD2	Chengdu	21.27 27	P	S	18 02 49.9	+0.3
CD2			AP	P	18 06 23.9	-1.1
CD2			XP	P	18 02 55.3	-0.4
CD2			S	S	18 03 03.0	-1.3
CD2			S	S	18 03 09.0	
CD2			XS	S	18 06 46.0	+0.1
CD2			SS	SS	18 07 01.0	
CD2			SS	SS	18 07 21.8	+1.6
CD2	comp=Z,430nm,1.2s,mb5.7		AMB	AMB		
CD2	comp=E,9um,16.9s		LR	LR		
AYAN	Aya Nagar	21.62 321	eP	P	18 02 59.5	+0.2
AYAN					18 03 11.5	
BHV	Bhavnagar	21.64 299	eP	P	18 03 01.0	+1.5
NDI	New Delhi	21.71 321j	eP	P	18 03 00.0	-0.1
NDI					18 06 46.0	
BHGR	Bahadurgarh	21.89 321	eP	P	18 03 00.0	-1.9
AJM	Ajmer	21.98 313j	iP	P	18 03 03.2	+0.2
KHET	Khetri	22.19 318	eP	P	18 03 06.6	+1.7
DDI	Dehra Dun	22.43 325	eP	P	18 03 08.3	+0.9
DDI					18 07 02.3	-5.2
GZH	Guangzhou	22.53 59	P	LR	18 03 13.8	+5.3
GZH	comp=N,4um,15.5s,MS5.0		LR	LR		
GZH	comp=E,3um,19.6s,MS5.0		LR	LR		
GZH	comp=Z,7um,18.0s,MS5.1		LR	LR		
KKR	Kurukshetra	22.87 323	eP	P	18 03 11.9	+0.1
KLP	Kalpa	23.27 328	eP	P	18 03 17.3	+1.7
KLP			eS	S	18 07 28.3	+5.8
SMLA	Simla	23.54 325j	iP	S	18 03 33.7	+1.6
SMLA	comp=Z,731nm,0.6s,mb6.3				18 07 46.1	+1.9
ENH	Enshi	23.83 39	eP	P	18 03 20.5	-0.6
SDNR	Sundarnagar	23.93 326	eP	P	18 03 24.7	+2.7
SDNR					18 07 55.1	
BHK	Bhakra	24.18 325	eP	P	18 03 26.7	+2.2
BHK			eS	S	18 07 42.0	+3.8
BHJ	Bhuj	24.34 300j	eP	P	18 03 28.4	+2.3
COCO	West Island	24.65 170	eP	P	18 03 31.5	+2.2
PONG	Pong	24.84 325	eP	P	18 03 32.0	+1.1
PONG					18 08 16.0	
DLH	Dalhousie	25.28 326	eP	P	18 03 36.0	+1.0
DLH					18 08 18.0	
THN	Thein Dam	25.33 325	eP	P	18 03 35.0	-0.5
THN					18 08 23.4	
LZH	Lanzhou	25.83 21	iP	P	18 03 40.8	+0.7
LZH			AP	P	18 03 46.0	-0.9
LZH			XP	P	18 03 48.5	-1.5
LZH			PP	P	18 04 21.0	+0.3
LZH			S	S	18 08 06.0	+0.2
LZH			SS	SS	18 09 14.5	+3.1
LZH			SCP	SCP	18 10 49.5	
LZH			SCS	SCS	18 14 37.0	+2.4
LZH	comp=Z,165nm,1.2s,mb5.4		AMB	AMB		
LZH	comp=Z,1um,5.1s		LR	LR		
LZH	comp=E,8um,12.7s		LR	LR		
XAN	Xi'an	26.33 32	P	P	18 03 43.3	-1.4
XAN			AP	P	18 03 52.9	+1.3
XAN			S	S	18 08 22.0	+7.8
XAN			AMB	AMB		
XAN	comp=Z,27nm,1.4s,mb4.6		LR	LR		
WHN	Wuhan	27.18 45	P	P	18 03 53.0	+0.5
WHN			AP	P	18 03 59.0	-0.3
WHN			LR	LR		
WHN	comp=N,4um,12.0s,MS5.8		LR	LR		
WHN	comp=E,14um,12.5s,MS5.8		LR	LR		
WHN	comp=Z,21um,15.0s,MS5.8		LR	LR		
OZH	Quanzhou	27.67 59	P	P	18 03 57.0	0.0
OZH			AMB	AMB		
OZH	comp=Z,260nm,1.2s,mb5.7		LR	LR		
OZH	comp=N,5um,11.7s,MS5.4		LR	LR		
OZH	comp=E,5um,13.1s,MS5.4		LR	LR		
OZH	comp=Z,9um,16.6s,MS5.5		LR	LR		
RGY	Tagaytay City	27.70 83	LR	LR	18 14 56.3	
RGY	comp=Z,3um,16.0s,MS4.9,baz=104,slow=36					
GTA	Gaotai	27.80 12	P	P	18 03 59.0	+0.9
GTA			AP	P	18 04 03.5	-1.4
GTA			XP	P	18 04 07.0	-1.0
GTA			PP	P	18 04 44.5	-2.9
GTA			S	S	18 03 36.5	-1.5
GTA			SCS	SCS	18 14 45.5	+2.3
GTA			AMB	AMB		
GTA	comp=Z,149nm,1.3s,mb5.5		AMB	AMB		
GTA	comp=Z,2um,11.6s		LR	LR		
GTA	comp=N,3um,16.4s,MS5.1		LR	LR		
GTA	comp=E,3um,16.3s,MS5.1		LR	LR		
GTA	comp=Z,3um,17.5s,MS4.8		LR	LR		
KSH	Kashi	30.86 335	iP	P	18 04 26.0	+0.6
KSH			AP	P	18 04 30.5	-1.8
KSH			XP	P	18 04 33.0	-2.3
KSH			PP	P	18 05 27.8	+0.7

KSH			PPP	PPP	18 05 42.8	+0.8
KSH			PCP	PCP	18 07 23.0	+0.8
KSH			S	S	18 09 29.0	+2.2
KSH			eS	eS	18 09 36.3	
KSH			PCSP	PCSP	18 11 03.5	
KSH			PCSS	PCSS	18 11 05.0	
KSH			SCS	SCS	18 14 57.8	+0.3
KSH			AMB	ScS	AMB	
KSH	comp=Z,430nm,3.0s		LR	LR		
KSH	comp=N,5um,17.5s		LR	LR		
KSH	comp=E,5um,11.2s		LR	LR		
TIY	Taiyuan	30.97 32	iP	P	18 04 26.0	-0.4
TIY			LR	LR		
TIY	comp=N,8um,15.0s		LR	LR		
TIY	comp=Z,2um,14.0s,MS4.9		LR	LR		
NJ2	Nanjing	31.19 47	eP	P	18 04 29.0	+0.5
NJ2			AP	P	18 04 35.5	+3.2
NJ2			XP	P	18 04 42.5	+4.2
NJ2			PP	P	18 05 33.0	+1.5
NJ2			S	S	18 09 32.0	0.0
NJ2			XS	XS	18 09 46.0	
NJ2	comp=Z,110nm,1.0s,mb5.6		AMB	AMB		
NJ2	comp=Z,580nm,3.6s		AMB	AMB		
NJ2	comp=N,15um,21.7s		LR	LR		
NJ2	comp=E,13um,15.1s		LR	LR		
NJ2	comp=Z,11um,16.9s,MS5.6		LR	LR		
WMQ	Urumqi	31.73 353	iP	P	18 04 33.3	+0.3
WMQ			AP	P	18 04 37.3	-2.6
WMQ			PP	P	18 05 38.3	-0.1
WMQ			PPP	PPP	18 05 33.3	-0.1
WMQ			S	S	18 09 41.0	+0.7
WMQ			AMB	AMB		
WMQ	comp=Z,51nm,0.9s,mb5.3		AMB	AMB		
WMQ	comp=Z,3um,8.5s		LR	LR		
WMQ	comp=N,5um,20.2s,MS5.4		LR	LR		
WMQ	comp=E,6um,19.0s,MS5.4		LR	LR		
WMQ	comp=Z,5um,21.3s,MS5.2		LR	LR		
BTO	Baotou	32.16 25	eP	P	18 04 35.5	-1.3
BTO			S	S	18 09 54.3	+7.3
BTO	comp=Z,64nm,1.5s,mb5.2		AMB	AMB		
BTO	comp=N,682nm,10.8s,MS5.3		LR	LR		
BTO	comp=E,4um,13.4s,MS5.3		LR	LR		
SSE	Sheshan	32.41 50	P	P	18 04 39.8	+0.7
SSE			S	S	18 09 18.8	+0.8
SSE			XS	XS	18 10 08.5	
SSE	comp=Z,47nm,1.4s,mb5.1		LR	LR		
SSE	comp=N,3um,22.3s,MS4.9		LR	LR		
SSE	comp=E,1um,22.3s,MS4.9		LR	LR		
SSE	comp=Z,2um,19.2s,MS4.8		LR	LR		
TIA	Tai'an	32.55 39	eP	P	18 04 39.0	-1.3
TIA			AMB	AMB		
HHC	Hu-hao-tse	33.02 27	eP	P	18 04 44.5	+0.1
HHC			AP	P	18 04 48.5	-2.7
HHC			PP	P	18 05 55.3	+0.1
HHC			S	S	18 10 01.3	+0.8
HHC			SS	SS	18 12 00.8	-0.2
HHC			SCS	SCS	18 15 09.5	+1.2
HHC			AMB	AMB		
HHC	comp=Z,85nm,1.4s,mb5.5		AMB	AMB		
HHC	comp=Z,889nm,4.9s		LR	LR		
HHC	comp=N,2um,17.8s,MS5.2		LR	LR		
HHC	comp=E,4um,17.8s,MS5.2		LR	LR		
HHC	comp=Z,4um,19.0s,MS5.1		LR	LR		
ULHL	Ulano	33.08 338	P	P	18 04 46.0	+1.2
ULHL	SNR=54					
KZA	Kyzart	33.31 336	P	P	18 04 48.5	+1.6
UCH	Uchtor	33.73 336	P	P	18 04 51.3	+0.8
TKM2	Tokmak 2	35.90 337	P	P	18 04 52.0	0.0
TKM2	SNR=57					
KBK	Karagaybulak	33.92 336	P	P	18 04 53.0	+0.9
AML	Almayashu	33.99 335	P	P	18 04 53.6	+0.8
AML	SNR=48					
AAK	Ala-Archa	34.08 336	P	P	18 04 54.2	+0.7
AAK	Ala-Archa	34.08 336	iP	P	18 04 53.4	-0.1
AAK			AMB	AMB		
AAK	comp=Z,54nm,0.8s,mb5.5		AMB	AMB		
AAK	Ala-Archa	34.08 336	eP	P	18 04 52.5	-1.1
AAK	SNR=54					
FRU	Bishkek	34.20 336	eP	P	18 04 55.0	+0.4
FRU			e	P	18 05 02.0	+0.5
FRU			AMB	AMB		
FRU	comp=Z,100nm,2.0s,mb5.4		AMB	AMB		
CHMS	Chumysh	34.29 337	P	P	18 04 55.4	+0.1
CHMS	SNR=39					
EKS2	Erkin-Say	34.40 335	P	P	18 04 57.1	+0.9
EKS2	SNR=56					
USP	Ospenovka	34.61 337	P	P	18 04 58.3	+0.2
USP	SNR=130					
BJT	Baijiatuau	34.63 33	eP	P	18 04 58.6	+0.3
BJT			e	P	18 05 06.3	+1.1
BJT			AMB	AMB		
BJT	comp=Z,101nm,0.9s		AMB	AMB		
BJT	Baijiatuau	34.63 33	eP	P	18 04 58.6	+0.3
BJT	SNR=45					
BJT	comp=Z,101nm,0.9s,mb5.8		AMB	AMB		
BJT			e	P	18 05 06.3	



TRO	Bornholm Skovb	72.96 324	eP	pP	18 09 43.7 -1.0
BSD	Bornholm Skovb	72.96 324	eP	pP	18 09 44.4 -1.0
BSD	Bornholm Skovb	72.96 324	iP	pP	18 09 44.4 -1.0
OBKA	Obir	72.96 315	iP	P	18 09 38.5 +0.2
LJU	Ljubljana	72.97 315	eP	P	18 09 38.8 +0.4
LJU	Ljubljana	72.97 315	eP	pP	18 09 45.6 -0.1
PRU	Pruhonice	73.00 319	eP	P	18 09 38.6 +0.2
PRU	Pruhonice	73.00 319	eP	x	18 09 45.9
MOA	Molin	73.16 316	iP	P	18 09 38.9 -0.5
BRG	Berggiesshubel	73.40 320	iP	P	18 09 41.3 +0.6
BRG	Berggiesshubel	73.40 320	iP	pP	18 09 48.2 +0.1
BRG	Berggiesshubel	73.40 320	iP	pP	18 09 48.2 +0.1
BRG	Berggiesshubel	73.40 320	iP	P	18 09 41.3 +0.6
BRG	Berggiesshubel	73.40 320	iP	P	18 09 48.2 +0.1
BRG	Berggiesshubel	73.40 320	iP	P	18 09 48.2 +0.1
VOY	Vojsko	73.42 315	eP	P	18 09 40.3 -0.6
VOY	Vojsko	73.42 315	eP	pP	18 09 47.7 -0.6
RUE	Ruedersdorf	73.53 321	eP	P	18 09 41.3 -0.2
GE2C	GERESS Array S	73.54 317	eP	P	18 09 41.7 +0.1
GE2C	GERESS Array S	73.54 317	eP	pP	18 09 41.7 +0.1
GE2C	GERESS Array S	73.54 317	eP	P	18 09 41.7 +0.1
GERES	GERESS Array B	73.54 317	eP	P	18 09 41.3 -0.2
GERES	GERESS Array B	73.54 317	eP	P	18 09 48.8 -0.1
GERES	GERESS Array B	73.54 317	eP	LR	18 49 11.1
KHC	Kasperske Hory	73.62 318	eP	x	18 09 42.1 +0.1
KHC	Kasperske Hory	73.62 318	eP	x	18 09 49.2
ROBS	Robic	73.68 315	eP	pP	18 09 41.7 -0.8
ROBS	Robic	73.68 315	eP	pP	18 09 49.2 -0.6
KBA	Koelnbreinspre	73.78 316	iP	P	18 09 42.1 -0.9
KBA	Koelnbreinspre	73.78 316	iP	pP	18 09 42.1 -0.9
PTCC	Patocco-Chiusa	73.79 315	eP	P	18 09 42.4 -0.7
AQU	L'Aquila	73.85 311	eP	P	18 09 42.9 -0.6
AQU	L'Aquila	73.85 311	eP	pP	18 09 42.9 -0.6
AQU	L'Aquila	73.85 311	eP	P	18 09 42.9 -0.7
GMNA	Gemona	73.87 315	eP	P	18 09 42.9 -0.7
HFS	Hagfors	73.90 329	eP	P	18 09 42.8 -0.6
HFS	Hagfors	73.90 329	eP	pP	18 09 50.5 -0.3
HFS	Hagfors	73.90 329	eP	LR	18 47 44.7
CLL	Collin	74.00 320	eP	P	18 09 43.0 -1.2
CLL	Collin	74.00 320	eP	pP	18 09 43.0 -1.2
CLL	Collin	74.00 320	eP	MLR	18 09 43.0 -1.2
CLL	Collin	74.00 320	eP	LR	18 09 43.0 -1.2
CLL	Collin	74.00 320	eP	P	18 09 43.0 -1.2
CLL	Collin	74.00 320	eP	iP	18 09 51.1 -0.4
CLL	Collin	74.00 320	eP	eS	18 19 12.0 -1.8
CLL	Collin	74.00 320	eP	SS	18 24 00.0 -1.0
MOR8	Moi Rana	74.06 336	eP	pP	18 09 43.5 -0.8
MOR8	Moi Rana	74.06 336	eP	pP	18 09 51.5 -0.1
MOR8	Moi Rana	74.06 336	eP	AMB	18 09 52.1
WET	Wetzelt	74.08 318	eP	P	18 09 44.9 +0.2
ARV	Arcivia	74.16 312	eP	P	18 09 43.7 -1.5
SNTG	Esanatoglia	74.16 312	eP	P	18 09 49.5 +4.3
FVI	Forni Avoltri	74.18 315	eP	P	18 09 45.3 -0.0
NKC	Novy Kostel	74.35 319	eP	P	18 09 46.8 +0.5
NKC	Novy Kostel	74.35 319	eP	x	18 09 53.8
LOF	Lofoten	74.61 338	eP	P	18 09 49.1 +1.7
LOF	Lofoten	74.61 338	eP	AMB	18 10 00.4
FX1	Attu Island-F	74.68 318	eP	P	18 09 46.5 -1.6
FX1	Attu Island-F	74.68 318	eP	P	18 09 47.5 -0.5
MOX	Moxa	74.88 319	eP	P	18 09 49.7 +0.4
MOX	Moxa	74.88 319	iP	P	18 09 49.7 +0.4
MOX	Moxa	74.88 319	iP	pP	18 09 57.0 +0.4
MOX	Moxa	74.88 319	iP	P	18 09 50.7 +1.0
SFI	Santa Sofia	74.93 312	eP	P	18 09 49.0 -0.8
WTTA	Wattenberg	74.95 316	iP	P	18 09 49.0 -0.8
WTTA	Wattenberg	74.95 316	iP	pP	18 09 49.0 -0.8
WTTA	Wattenberg	74.95 316	iP	pP	18 09 49.0 -0.8
NSS	Namsos	74.96 334	eP	pP	18 09 48.0 -1.5
NSS	Namsos	74.96 334	eP	pP	18 09 55.8 -1.1
NSS	Namsos	74.96 334	eP	AMB	18 09 57.1
CTI	Castel Tesino	74.98 315	eP	P	18 09 49.6 -0.4
WATA	Walderalm	74.98 316	iP	P	18 09 49.0 -1.0
WATA	Walderalm	74.98 316	iP	pP	18 09 49.0 -1.0
WATA	Walderalm	74.98 316	iP	pP	18 09 49.0 -1.0
LBTB	Lobatse	75.01 240	eP	P	18 09 51.5 +0.9
LBTB	Lobatse	75.01 240	eP	pP	18 09 51.5 +0.9
VMG	Vicchio	75.14 312	eP	P	18 09 52.1 +1.1
GRA1	Grafenberg Arr	75.15 318	eP	P	18 09 51.6 +0.7
GRF	Grafenberg Arr	75.15 318	eP	pP	18 09 51.6 +0.7
GRF	Grafenberg Arr	75.15 318	eP	pP	18 09 51.6 +0.7
FUR	Furtenfeldbru	75.16 317	eP	P	18 09 50.7 -0.3
NB2	NORSAR Subarra	75.17 330	eP	P	18 09 49.9 -0.8
NB2	NORSAR Subarra	75.17 330	eP	P	18 09 49.9 -0.8
NB2	NORSAR Subarra	75.17 330	eP	pP	18 09 49.9 -0.8
NB2	NORSAR Subarra	75.17 330	eP	pP	18 09 49.9 -0.8
NOA	NORSAR Array B	75.17 330	eP	P	18 09 49.7 -1.0
NOA	NORSAR Array B	75.17 330	eP	pP	18 09 57.6 -0.5
NOA	NORSAR Array B	75.17 330	eP	LR	18 48 52.9
SQTA	Sankt Quirin	75.24 316	iP	P	18 09 50.2 -1.2
SQTA	Sankt Quirin	75.24 316	iP	pP	18 09 50.2 -1.2
SQTA	Sankt Quirin	75.24 316	iP	pP	18 09 50.2 -1.2
SEI	Scarperia	75.27 313	eP	P	18 09 52.5 +0.7
MOTA	Moosalm	75.31 316	iP	P	18 09 50.5 -1.3
MOTA	Moosalm	75.31 316	iP	pP	18 09 50.5 -1.3
MOTA	Moosalm	75.31 316	iP	pP	18 09 50.5 -1.3
NAO01	NORSAR Array S	75.32 330	eP	P	18 09 50.4 -1.2
OSL	Oslo	75.39 329	eP	pP	18 09 51.7 -0.3
OSL	Oslo	75.39 329	eP	AMB	18 09 59.5 +0.1
OSL	Oslo	75.39 329	eP	AMB	18 10 01.0
FNDV	Fontana Vidola	75.44 313	eP	P	18 09 54.3 +1.6
ZCCA	Zocca	75.53 313	eP	P	18 09 54.4 +1.2
BSEG	Bad Segeberg	75.62 323	eP	P	18 09 54.1 +0.6
CLZ	Clausthal	75.64 321	eP	P	18 09 53.9 +0.3
SAL	Salo	75.78 314	eP	P	18 09 55.2 +0.6
GSLC	Gusciola	75.81 313	eP	P	18 09 55.0 +0.2
BDI	Bagni Di Lucca	75.82 313	eP	P	18 09 53.7 -1.1
BRMO	Bormio	75.84 315	eP	P	18 09 54.9 0.0
HDH	Heidenheim	75.86 317	eP	pP	18 10 01.7 -0.6
MAIM	Maier	75.91 312	eP	P	18 09 54.6 -0.7
ERBM	Eremo	75.93 313	eP	P	18 09 56.6 +1.2
SARO	Sassorosso	75.95 313	eP	P	18 10 05.5 -0.1
UBR	Uberrohr	75.97 316	eP	pP	18 10 02.3 -0.6
VLC	Villcollemand	75.97 313	eP	P	18 09 54.8 -0.9
VALM	Vinca	76.05 313	eP	P	18 09 56.5 +0.3
DAVA	Damueli	76.14 316	iP	P	18 09 55.4 -1.2
DAVA	Damueli	76.14 316	iP	pP	18 09 56.0 -0.6
GRAM	Gram	76.17 313	eP	P	18 09 57.2 +0.4
BACM	Bacm	76.18 313	eP	P	18 09 56.3 -0.6
SIND	Sindelford	76.22 318	eP	P	18 10 04.4 +0.1
MUD	Monsted U'grnd	76.22 325	iP	pP	18 09 58.1 +1.3
MUD	Monsted U'grnd	76.22 325	iP	pP	18 10 04.8 +0.6
MUD	Monsted U'grnd	76.22 325	iP	pP	18 09 58.1 +1.3
MUD	Monsted U'grnd	76.22 325	iP	pP	18 10 04.8 +0.6
CODM	Codm	76.33 313	eP	P	18 09 58.0 +0.3
BUCH	Bad Urach	76.43 317	eP	pP	18 10 05.1 -0.4
STU	Stuttgart	76.52 317	eP	pP	18 09 57.8 -0.8
STU	Stuttgart	76.52 317	eP	pP	18 09 57.8 -0.8
STU	Stuttgart	76.52 317	eP	P	18 09 57.8 -0.9
STU	Stuttgart	76.52 317	eP	P	18 09 57.8 -0.9
GUT	Gutenstein	76.61 317	eP	pP	18 10 06.0 -0.5
BOSA	Bosoh	76.62 236	eP	pP	18 09 59.7 +0.1
BOSA	Bosoh	76.62 236	eP	pP	18 09 59.7 +0.1
BOSA	Bosoh	76.62 236	eP	pP	18 09 59.7 +0.1
TOD	Tromm	76.73 318	eP	pP	18 10 07.1 -0.1
TOD	Tromm	76.73 318	eP	pP	18 10 07.4 +0.2
LBG	Lerchenberg	76.79 317	eP	pP	18 10 07.2 -0.3
SWS	Schriesheim	76.80 318	eP	pP	18 10 07.5 -0.1
SPAK	Spaichingen	76.83 317	eP	pP	18 10 07.5 -0.3
SPAK	Spaichingen	76.83 317	eP	pP	18 10 07.9 +0.1
VAI	Vais	77.00 315	eP	P	18 10 02.1 +1.3
PIG	Pioggiola	77.09 311	eP	P	18 10 02.4 +0.4
PIG	Pioggiola	77.09 311	eP	P	18 10 02.4 +0.4
PIG	Pioggiola	77.09 311	eP	pP	18 10 02.4 +0.4
BFO	Black Forest	77.12 317	eP	pP	18 10 01.7 -0.3
BFO	Black Forest	77.12 317	eP	pP	18 10 01.7 -0.3
BFO	Black Forest	77.12 317	eP	P	18 10 01.7 -0.3
BFO	Black Forest	77.12 317	eP	P	18 10 01.7 -0.3
KPD	Kalmit	77.21 318	eP	pP	18 10 09.6 -0.3
PTC	Pian Castagno	77.26 313	eP	pP	18 10 02.5 -0.3
FELD	Feldberg	77.37 317	eP	pP	18 10 10.6 -0.2
LANF	Langenberg	77.42 318	eP	pP	18 10 11.4 +0.4
KIZ	Kirchzarten	77.42 317	eP	pP	18 10 10.7 -0.3
ABH	Alteburg	77.52 319	eP	pP	18 10 11.7 +0.1
ABH	Alteburg	77.52 319	eP	pP	18 10 12.1 +0.5
FIN	Finale Ligure	77.53 313	eP	P	18 10 04.0 -0.3
MCGN	Macugnaga	77.53 315	eP	P	18 10 06.3 +1.9
ORX	Oropa	77.56 314	eP	pP	18 10 03.8 -0.7
LIBD	Limbürg	77.62 317	eP	pP	18 10 12.0 -0.1
LIBD	Limbürg	77.62 317	eP	pP	18 10 12.5 +0.4
BBS	Basel-Blauen	77.74 316	eP	pP	18 10 12.4 -0.4
BBS	Basel-Blauen	77.74 316	eP	pP	18 10 12.8 0.0
TRAV	Trarbach	77.74 314	eP	P	18 10 05.0 -0.5
ROB	Roburent	77.76 313	eP	pP	18 10 05.2 -0.4
WLS	Weilsbrunn	77.76 317	eP	pP	18 10 13.0 +0.1
IMI	Imperia	77.78 313	eP	P	18 10 05.8 +0.1
CFD	Champ du Feu	77.81 317	eP	P	18 10 05.7 -0.1
CFD	Champ du Feu	77.81 317	eP	pP	18 10 05.7 -0.1
CFD	Champ du Feu	77.81 317	eP	pP	18 10 05.7 -0.1
CFD	Champ du Feu	77.81 317	eP	pP	18 10 05.7 -0.1
WTFB	Winterswijk	77.84 321	eP	P	18 10 06.3 +0.4
RUP	Ruppelstein	77.85 319	eP	pP	18 10 13.5 -2.8
RUP	Ruppelstein	77.85 319	eP	sP	18 10 14.2 -1.7
WIT	Witteveen	77.86 322	eP	sP	18 10 14.1 -1.7
MONI	Monesi	77.86 313	eP	P	18 10 06.2 0.0
ECHE	Echery	77.91 317	eP	pP	18 10 13.7 0.0
NEGI	Negli	77.92 313	eP	pP	18 10 06.1 -0.4
MOF	Moosrain	77.92 317	eP	pP	18 10 14.0 -0.7
SAOF	Saorge	78.01 313	eP	pP	18 10 14.4 0.0
ENR	Entraque	78.09 313	eP	P	18 10 07.2 -0.2
SBF	Sospel	78.11 313	eP	P	18 10 07.2 -0.3
SBF	Sospel	78.11 313	eP	pP	18 10 07.2 -0.3
SBF	Sospel	78.11 313	eP	pP	18 10 07.2 -0.3
RSP	Reno Superiore	78.11 314	eP	P	18 10 06.7 -0.8
BHB	Bricherasio	78.14 314	eP	P	18 10 06.0 -1.7
STV	St Anna Valdi	78.15 313	eP	pP	18 10 07.3 -0.1
LSD	Ceresio Reale	78.16 314	eP	pP	18 10 07.7 -0.1
REV	Revere	78.17 312	eP	pP	18 10 15.2 -0.1
LOMF	Lomont	78.21 316	eP	pP	18 10 15.4 0.0
TOUF	Mont Tournerai	78.2			



IDC 30 18:29:24.0-7.7.55N-93.93E, mb4.1/10, mb1 4.5/3.0, mb1mx4.1/18, mbtmp4.1/10, Error ellipse: s-maj=4.7km, s-min=16.4km az=46.0

ISC 30 18:29:27.5-0.7.7.6N-0.2.94.0E-0.2, h33km, n20, c#0611/17, mb4.3/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, Songino Array, Warramunga Arr, Borovoye Arr, ASAR, BRTR, Keskini Array, AKASA, Muntele Rosu, GERES, DAVOX, etc.

NSSP 30 18:31:24.2, 38.55N-43.90E, h5km, ML3.1 TIF 30 18:31:27.4, 39.22N-44.06E, h12km

CSEM 30 18:31:31.1-0.2, 38.86N-43.81E, h2km, MD3.3, Error ellipse: s-maj=8.5km s-min=3.2km az=128.0

ISK 30 18:31:32.7, 38.78N-43.87E, h15km, MD3.3

ISC 30 18:31:33.4-1.2, 38.70N-0.06-43.91E, h9km, n10km, n17, c#141/22, 2D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Van, VANT, HKR, VRNZ, VNRZ, GNI, AMBZ, VRT, BTMT, BEST, ERZM, EZM, BINT, AKH, DGRG, MTA, TBLG, DUS, etc.

NAO 30 18:45:06.7-2.5.67.11N-20.72E, ML2.3

BER 30 18:45:08.4-3.6.7.21N-20.54E, ML2.0, ML2.3(NAO), Suspected explosion

HEL 30 18:45:07.3-0.3, 67.13N-20.72E, ML2.0, ML2.0(BER), ML2.3(NAO), Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like KTK1, SGF, TRO, MORB, ARAO, KEV, MSF, KUA, VAF, KJN, APAO, FIAO, HFS, etc.

IDC 30 18:48:56.1-1.0, 6.25N-92.67E, mb4.0/9, mb1 4.1/10, mb1mx4.0/21, mbtmp3.9/10, Error ellipse: s-maj=41.0km s-min=19.7km az=45.0

ISC 30 18:48:59.4-0.8, 6.2N-0.1-92.7E-0.1, h33km, n17, c#91/118, mb4.2/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR, VIS, PKI, DMN, GUN, KKN, GKN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like KOLD, SONM, WARR, ASAR, BVAR, BRTR, AKASA, Muntele Rosu, GERES, DAVOX, etc.

IDC 30 18:52:31.4-3.1, 8.31N-92.55E, h37km, gkm, mb3 3/4, mb1 3.5/5, mb1mx3.3/18, mbtmp3.4/5, ML3.6/1, Error ellipse: s-maj=95.9km s-min=20.8km az=77.0, Nicobar Islands region

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

IDC 30 18:59:11.0-4.1, 8.29N-91.50E, mb3.5/2, mb1 3.7/3, mb1mx3.4/18, mbtmp3.5/3, ML3.9/1, Error ellipse: s-maj=105.6km s-min=35.1km az=76.0, Nicobar Islands region

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

IDC 30 19:01:31.9-3.0, 6.35N-93.35E, mb3.6/3, mb1 3.9/4, mb1mx3.5/18, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=102.3km s-min=28.6km az=66.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR, ZAL, WRA, ASAR, etc.

SYO 30 19:18:01.2, 2.69N-94.33E, h10km, MB5.3, MS4.6

MOS 30 19:18:03.2, 1.0, 2.72N-94.32E, h33km, mb5.5/47, MS4.6/12, Error ellipse: s-maj=11.1km s-min=5.7km az=116.1

NEIC 30 19:18:04.0-2.0, 2.70N-94.39E, h30km, mb5.3/46, MS4.6/14, Error ellipse: s-maj=7.7km s-min=5.5km az=67.0

IDC 30 19:18:04.7-0.4, 2.83N-94.34E, h27km, mb4.6/16, mb1 4.7/17, mb1mx4.7/18, mbtmp4.7/17, ML4.4/1, ML3.4/7, MS1 4.3/7, ms1mx4.1/21, Error ellipse: s-maj=19.1km s-min=10.4km az=59.0

HRVD 30 19:18:04.2-0.6, 2.51N-94.24E, h12km, MW4.9/44, Centroid moment tensor Solution. LP body waves: s16c23; Mantle waves: s44c74; Half duration: 0 Moment tensor: Scale 10^16Nm; M1: 0.08; M2: 0.08; M3: 1.0; M4: 1.0; M5: 1.0; M6: 1.0; M7: 1.0; M8: 1.0; M9: 1.0; M10: 1.0; M11: 1.0; M12: 1.0; M13: 1.0; M14: 1.0; M15: 1.0; M16: 1.0; M17: 1.0; M18: 1.0; M19: 1.0; M20: 1.0; M21: 1.0; M22: 1.0; M23: 1.0; M24: 1.0; M25: 1.0; M26: 1.0; M27: 1.0; M28: 1.0; M29: 1.0; M30: 1.0; M31: 1.0; M32: 1.0; M33: 1.0; M34: 1.0; M35: 1.0; M36: 1.0; M37: 1.0; M38: 1.0; M39: 1.0; M40: 1.0; M41: 1.0; M42: 1.0; M43: 1.0; M44: 1.0; M45: 1.0; M46: 1.0; M47: 1.0; M48: 1.0; M49: 1.0; M50: 1.0; M51: 1.0; M52: 1.0; M53: 1.0; M54: 1.0; M55: 1.0; M56: 1.0; M57: 1.0; M58: 1.0; M59: 1.0; M60: 1.0; M61: 1.0; M62: 1.0; M63: 1.0; M64: 1.0; M65: 1.0; M66: 1.0; M67: 1.0; M68: 1.0; M69: 1.0; M70: 1.0; M71: 1.0; M72: 1.0; M73: 1.0; M74: 1.0; M75: 1.0; M76: 1.0; M77: 1.0; M78: 1.0; M79: 1.0; M80: 1.0; M81: 1.0; M82: 1.0; M83: 1.0; M84: 1.0; M85: 1.0; M86: 1.0; M87: 1.0; M88: 1.0; M89: 1.0; M90: 1.0; M91: 1.0; M92: 1.0; M93: 1.0; M94: 1.0; M95: 1.0; M96: 1.0; M97: 1.0; M98: 1.0; M99: 1.0; M100: 1.0; M101: 1.0; M102: 1.0; M103: 1.0; M104: 1.0; M105: 1.0; M106: 1.0; M107: 1.0; M108: 1.0; M109: 1.0; M110: 1.0; M111: 1.0; M112: 1.0; M113: 1.0; M114: 1.0; M115: 1.0; M116: 1.0; M117: 1.0; M118: 1.0; M119: 1.0; M120: 1.0; M121: 1.0; M122: 1.0; M123: 1.0; M124: 1.0; M125: 1.0; M126: 1.0; M127: 1.0; M128: 1.0; M129: 1.0; M130: 1.0; M131: 1.0; M132: 1.0; M133: 1.0; M134: 1.0; M135: 1.0; M136: 1.0; M137: 1.0; M138: 1.0; M139: 1.0; M140: 1.0; M141: 1.0; M142: 1.0; M143: 1.0; M144: 1.0; M145: 1.0; M146: 1.0; M147: 1.0; M148: 1.0; M149: 1.0; M150: 1.0; M151: 1.0; M152: 1.0; M153: 1.0; M154: 1.0; M155: 1.0; M156: 1.0; M157: 1.0; M158: 1.0; M159: 1.0; M160: 1.0; M161: 1.0; M162: 1.0; M163: 1.0; M164: 1.0; M165: 1.0; M166: 1.0; M167: 1.0; M168: 1.0; M169: 1.0; M170: 1.0; M171: 1.0; M172: 1.0; M173: 1.0; M174: 1.0; M175: 1.0; M176: 1.0; M177: 1.0; M178: 1.0; M179: 1.0; M180: 1.0; M181: 1.0; M182: 1.0; M183: 1.0; M184: 1.0; M185: 1.0; M186: 1.0; M187: 1.0; M188: 1.0; M189: 1.0; M190: 1.0; M191: 1.0; M192: 1.0; M193: 1.0; M194: 1.0; M195: 1.0; M196: 1.0; M197: 1.0; M198: 1.0; M199: 1.0; M200: 1.0; M201: 1.0; M202: 1.0; M203: 1.0; M204: 1.0; M205: 1.0; M206: 1.0; M207: 1.0; M208: 1.0; M209: 1.0; M210: 1.0; M211: 1.0; M212: 1.0; M213: 1.0; M214: 1.0; M215: 1.0; M216: 1.0; M217: 1.0; M218: 1.0; M219: 1.0; M220: 1.0; M221: 1.0; M222: 1.0; M223: 1.0; M224: 1.0; M225: 1.0; M226: 1.0; M227: 1.0; M228: 1.0; M229: 1.0; M230: 1.0; M231: 1.0; M232: 1.0; M233: 1.0; M234: 1.0; M235: 1.0; M236: 1.0; M237: 1.0; M238: 1.0; M239: 1.0; M240: 1.0; M241: 1.0; M242: 1.0; M243: 1.0; M244: 1.0; M245: 1.0; M246: 1.0; M247: 1.0; M248: 1.0; M249: 1.0; M250: 1.0; M251: 1.0; M252: 1.0; M253: 1.0; M254: 1.0; M255: 1.0; M256: 1.0; M257: 1.0; M258: 1.0; M259: 1.0; M260: 1.0; M261: 1.0; M262: 1.0; M263: 1.0; M264: 1.0; M265: 1.0; M266: 1.0; M267: 1.0; M268: 1.0; M269: 1.0; M270: 1.0; M271: 1.0; M272: 1.0; M273: 1.0; M274: 1.0; M275: 1.0; M276: 1.0; M277: 1.0; M278: 1.0; M279: 1.0; M280: 1.0; M281: 1.0; M282: 1.0; M283: 1.0; M284: 1.0; M285: 1.0; M286: 1.0; M287: 1.0; M288: 1.0; M289: 1.0; M290: 1.0; M291: 1.0; M292: 1.0; M293: 1.0; M294: 1.0; M295: 1.0; M296: 1.0; M297: 1.0; M298: 1.0; M299: 1.0; M300: 1.0; M301: 1.0; M302: 1.0; M303: 1.0; M304: 1.0; M305: 1.0; M306: 1.0; M307: 1.0; M308: 1.0; M309: 1.0; M310: 1.0; M311: 1.0; M312: 1.0; M313: 1.0; M314: 1.0; M315: 1.0; M316: 1.0; M317: 1.0; M318: 1.0; M319: 1.0; M320: 1.0; M321: 1.0; M322: 1.0; M323: 1.0; M324: 1.0; M325: 1.0; M326: 1.0; M327: 1.0; M328: 1.0; M329: 1.0; M330: 1.0; M331: 1.0; M332: 1.0; M333: 1.0; M334: 1.0; M335: 1.0; M336: 1.0; M337: 1.0; M338: 1.0; M339: 1.0; M340: 1.0; M341: 1.0; M342: 1.0; M343: 1.0; M344: 1.0; M345: 1.0; M346: 1.0; M347: 1.0; M348: 1.0; M349: 1.0; M350: 1.0; M351: 1.0; M352: 1.0; M353: 1.0; M354: 1.0; M355: 1.0; M356: 1.0; M357: 1.0; M358: 1.0; M359: 1.0; M360: 1.0; M361: 1.0; M362: 1.0; M363: 1.0; M364: 1.0; M365: 1.0; M366: 1.0; M367: 1.0; M368: 1.0; M369: 1.0; M370: 1.0; M371: 1.0; M372: 1.0; M373: 1.0; M374: 1.0; M375: 1.0; M376: 1.0; M377: 1.0; M378: 1.0; M379: 1.0; M380: 1.0; M381: 1.0; M382: 1.0; M383: 1.0; M384: 1.0; M385: 1.0; M386: 1.0; M387: 1.0; M388: 1.0; M389: 1.0; M390: 1.0; M391: 1.0; M392: 1.0; M393: 1.0; M394: 1.0; M395: 1.0; M396: 1.0; M397: 1.0; M398: 1.0; M399: 1.0; M400: 1.0; M401: 1.0; M402: 1.0; M403: 1.0; M404: 1.0; M405: 1.0; M406: 1.0; M407: 1.0; M408: 1.0; M409: 1.0; M410: 1.0; M411: 1.0; M412: 1.0; M413: 1.0; M414: 1.0; M415: 1.0; M416: 1.0; M417: 1.0; M418: 1.0; M419: 1.0; M420: 1.0; M421: 1.0; M422: 1.0; M423: 1.0; M424: 1.0; M425: 1.0; M426: 1.0; M427: 1.0; M428: 1.0; M429: 1.0; M430: 1.0; M431: 1.0; M432: 1.0; M433: 1.0; M434: 1.0; M435: 1.0; M436: 1.0; M437: 1.0; M438: 1.0; M439: 1.0; M440: 1.0; M441: 1.0; M442: 1.0; M443: 1.0; M444: 1.0; M445: 1.0; M446: 1.0; M447: 1.0; M448: 1.0; M449: 1.0; M450: 1.0; M451: 1.0; M452: 1.0; M453: 1.0; M454: 1.0; M455: 1.0; M456: 1.0; M457: 1.0; M458: 1.0; M459: 1.0; M460: 1.0; M461: 1.0; M462: 1.0; M463: 1.0; M464: 1.0; M465: 1.0; M466: 1.0; M467: 1.0; M468: 1.0; M469: 1.0; M470: 1.0; M471: 1.0; M472: 1.0; M473: 1.0; M474: 1.0; M475: 1.0; M476: 1.0; M477: 1.0; M478: 1.0; M479: 1.0; M480: 1.0; M481: 1.0; M482: 1.0; M483: 1.0; M484: 1.0; M485: 1.0; M486: 1.0; M487: 1.0; M488: 1.0; M489: 1.0; M490: 1.0; M491: 1.0; M492: 1.0; M493: 1.0; M494: 1.0; M495: 1.0; M496: 1.0; M497: 1.0; M498: 1.0; M499: 1.0; M500: 1.0; M501: 1.0; M502: 1.0; M503: 1.0; M504: 1.0; M505: 1.0; M506: 1.0; M507: 1.0; M508: 1.0; M509: 1.0; M510: 1.0; M511: 1.0; M512: 1.0; M513: 1.0; M514: 1.0; M515: 1.0; M516: 1.0; M517: 1.0; M518: 1.0; M519: 1.0; M520: 1.0; M521: 1.0; M522: 1.0; M523: 1.0; M524: 1.0; M525: 1.0; M526: 1.0; M527: 1.0; M528: 1.0; M529: 1.0; M530: 1.0; M531: 1.0; M532: 1.0; M533: 1.0; M534: 1.0; M535: 1.0; M536: 1.0; M537: 1.0; M538: 1.0; M539: 1.0; M540: 1.0; M541: 1.0; M542: 1.0; M543: 1.0; M544: 1.0; M545: 1.0; M546: 1.0; M547: 1.0; M548: 1.0; M549: 1.0; M550: 1.0; M551: 1.0; M552: 1.0; M553: 1.0; M554: 1.0; M555: 1.0; M556: 1.0; M557: 1.0; M558: 1.0; M559: 1.0; M560: 1.0; M561: 1.0; M562: 1.0; M563: 1.0; M564: 1.0; M565: 1.0; M566: 1.0; M567: 1.0; M568: 1.0; M569: 1.0; M570: 1.0; M571: 1.0; M572: 1.0; M573: 1.0; M574: 1.0; M575: 1.0; M576: 1.0; M577: 1.0; M578: 1.0; M579: 1.0; M580: 1.0; M581: 1.0; M582: 1.0; M583: 1.0; M584: 1.0; M585: 1.0; M586: 1.0; M587: 1.0; M588: 1.0; M589: 1.0; M590: 1.0; M591: 1.0; M592: 1.0; M593: 1.0; M594: 1.0; M595: 1.0; M596: 1.0; M597: 1.0; M598: 1.0; M599: 1.0; M600: 1.0; M601: 1.0; M602: 1.0; M603: 1.0; M604: 1.0; M605: 1.0; M606: 1.0; M607: 1.0; M608: 1.0; M609: 1.0; M610: 1.0; M611: 1.0; M612: 1.0; M613: 1.0; M614: 1.0; M615: 1.0; M616: 1.0; M617: 1.0; M618: 1.0; M619: 1.0; M620: 1.0; M621: 1.0; M622: 1.0; M623: 1.0; M624: 1.0; M625: 1.0; M626: 1.0; M627: 1.0; M628: 1.0; M629: 1.0; M630: 1.0; M631: 1.0; M632: 1.0; M633: 1.0; M634: 1.0; M635: 1.0; M636: 1.0; M637: 1.0; M638: 1.0; M639: 1.0; M640: 1.0; M641: 1.0; M642: 1.0; M643: 1.0; M644: 1.0; M645: 1.0; M646: 1.0; M647: 1.0; M648: 1.0; M649: 1.0; M650: 1.0; M651: 1.0; M652: 1.0; M653: 1.0; M654: 1.0; M655: 1.0; M656: 1.0; M657: 1.0; M658: 1.0; M659: 1.0; M660: 1.0; M661: 1.0; M662: 1.0; M663: 1.0; M664: 1.0; M665: 1.0; M666: 1.0; M667: 1.0; M668: 1.0; M669: 1.0; M670: 1.0; M671: 1.0; M672: 1.0; M673: 1.0; M674: 1.0; M675: 1.0; M676: 1.0; M677: 1.0; M678: 1.0; M679: 1.0; M680: 1.0; M681: 1.0; M682: 1.0; M683: 1.0; M684: 1.0; M685: 1.0; M686: 1.0; M687: 1.0; M688: 1.0; M689: 1.0; M690: 1.0; M691: 1.0; M692: 1.0; M693: 1.0; M694: 1.0; M695: 1.0; M696: 1.0; M697: 1.0; M698: 1.0; M699: 1.0; M700: 1.0; M701: 1.0; M702: 1.0; M703: 1.0; M704: 1.0; M705: 1.0; M706: 1.0; M707: 1.0; M708: 1.0; M709: 1.0; M710: 1.0; M711: 1.0; M712: 1.0; M713: 1.0; M714: 1.0; M715: 1.0; M716: 1.0; M717: 1.0; M718: 1.0; M719: 1.0; M720: 1.0; M721: 1.0; M722: 1.0; M723: 1.0; M724: 1.0; M725: 1.0; M726: 1.0; M727: 1.0; M728: 1.0; M729: 1.0; M730: 1.0; M731: 1.0; M732: 1.0; M733: 1.0; M734: 1.0; M735: 1.0; M736: 1.0; M737: 1.0; M738: 1.0; M739: 1.0; M740: 1.0; M741: 1.0; M742: 1.0; M743: 1.0; M744: 1.0; M745: 1.0; M746: 1.0; M747: 1.0; M748: 1.0; M749: 1.0; M750: 1.0; M751: 1.0; M752: 1.0; M753: 1.0; M754: 1.0; M755: 1.0; M756: 1.0; M757: 1.0; M758: 1.0; M759: 1.0; M760: 1.0; M761: 1.0; M762: 1.0; M763: 1.0; M764: 1.0; M765: 1.0; M766: 1.0; M767: 1.0; M768: 1.0; M769: 1.0; M770: 1.0; M771: 1.0; M772: 1.0; M773: 1.0; M774: 1.0; M775: 1.0; M776: 1.0; M777: 1.0; M778: 1.0; M779: 1.0; M780: 1.0; M781: 1.0; M782: 1.0; M783: 1.0; M784: 1.0; M785: 1.0; M786: 1.0; M787: 1.0; M788: 1.0; M789: 1.0; M790: 1.0; M791: 1.0; M792: 1.0; M793: 1.0; M794: 1.0; M795: 1.0; M796: 1.0; M797: 1.0; M798: 1.0; M799: 1.0; M800: 1.0; M801: 1.0; M802: 1.0; M803: 1.0; M804: 1.0; M805: 1.0; M806: 1.0; M807: 1.0; M808: 1.0; M809: 1.0; M810: 1.0; M811: 1.0; M812: 1.0; M813: 1.0; M814: 1.0; M815: 1.0; M816: 1.0; M817: 1.0; M818: 1.0; M819: 1.0; M820: 1.0; M821: 1.0; M822: 1.0; M823: 1.0; M824: 1.0; M825: 1.0; M826: 1.0; M827: 1.0; M828: 1.0; M829: 1.0; M830: 1.0; M831: 1.0; M832: 1.0; M833: 1.0; M834: 1.0; M835: 1.0; M836: 1.0; M837: 1.0; M838: 1.0; M839: 1.0; M840: 1.0; M841: 1.0; M842: 1.0; M843: 1.0; M844: 1.0; M845: 1.0; M846: 1.0; M847: 1.0; M848: 1.0; M849: 1.0; M850: 1.0; M851: 1.0; M852: 1.0; M853: 1.0; M854: 1.0; M855: 1.0; M856: 1.0; M857: 1.0; M858: 1.0; M859: 1.0; M860: 1.0; M861: 1.0; M862: 1.0; M863: 1.0; M864: 1.0; M865: 1.0; M866: 1.0; M867: 1.0; M868: 1.0; M869: 1.0; M870: 1.0; M871: 1.0; M872: 1.0; M873: 1.0; M874: 1.0; M875: 1.0; M876: 1.0; M877: 1.0; M878: 1.0; M879: 1.0; M880: 1.0; M881: 1.0; M882: 1.0; M883: 1.0; M884: 1.0; M885: 1.0; M886: 1.0; M887: 1.0; M888: 1.0; M889: 1.0; M890: 1.0; M891: 1.0; M892: 1.0; M893: 1.0; M894: 1.0; M895: 1.0; M896: 1.0; M897: 1.0; M898: 1.0; M899: 1.0; M900: 1.0; M901: 1.0; M902: 1.0; M903: 1.0; M904: 1.0; M905: 1.0; M906: 1.0; M907: 1.0; M908: 1.0; M909: 1.0; M910: 1.0; M911: 1.0; M912: 1.0; M913: 1.0; M914: 1.0; M915: 1.0; M916: 1.0; M917: 1.0; M918: 1.0; M919: 1.0; M920: 1.0; M921: 1.0; M922: 1.0; M923: 1.0; M924: 1.0; M925: 1.0; M926: 1.0; M927: 1.0; M928: 1.0; M929: 1.0; M930: 1.0; M931: 1.0; M932: 1.0; M933: 1.0; M934: 1.0; M935: 1.0; M936: 1.0; M937: 1.0; M938: 1.0; M939: 1.0; M940: 1.0; M941: 1.0; M942: 1.0; M943: 1.0; M944: 1.0; M945: 1.0; M946: 1.0; M947: 1.0; M948: 1.0; M949: 1.0; M950: 1.0; M951:

30d 19h

NWAO	comp=Z,57nm,1.6s	pmx	pmx		
NWAO	Narogin (SRO) 41.55 150	P	P	19 25 49.8	0.0
NWAO	comp=Z,45nm,1.4s,mb4.9,baz=123,slow=1.4,SNR=3.5				
NWAO	Narogin (SRO) 41.55 150	P	P	19 25 49.0	-0.8
BJT	Baijiatuu 42.03 25	eP	eP	19 25 55.4	+1.9
BJT	comp=Z,27nm,0.8s	pmx	pmx		
BJT	Baijiatuu 42.03 25	eP	eP	19 25 55.4	+1.9
BJT	comp=Z,26nm,0.8s,mb4.9				
BJI	Beijing 42.06 25	eP	eP	19 26 03.8	+2.0
BJI	comp=Z,33nm,1.0s,mb4.9	AMB	AMB	19 25 55.5	+1.8
BJI	comp=N,992nm,17.4s,MS5.0	LR	LR		
BJI	comp=E,1µm,16.1s,MS5.0	LR	LR		
BJI	comp=Z,29nm,1.0s,mb5.3	MLR	MLR		
ULHL	comp=Z,750nm,20.1s,MS4.6				
ULHL	Ulahoi 42.54 340	P	P	19 25 58.8	+1.1
KZA	Kyzart 42.74 339	P	P	19 26 00.7	+1.4
UCH	Uchter 43.14 338	P	P	19 26 03.7	+1.1
KBK	Karagaybulak 43.36 339	P	P	19 26 05.8	+1.4
TKM2	Tokmak 2 43.36 340	P	P	19 26 05.5	+1.1
AML	Almayashu 43.37 338	P	P	19 26 05.8	+1.5
AAK	Ala-Archa 43.50 339	P	P	19 26 06.6	+1.1
AAK	Ala-Archa 43.50 339	eP	eP	19 26 05.6	+0.1
AAK	Ala-Archa 43.50 339	eP	eP	19 26 08.0	+1.5
FRU	comp=Z,60nm,1.6s,mb5.1	pmx	pmx		
FRU	Chumysh 43.73 339	P	P	19 26 07.7	+0.4
CHMS	Erkin-Say 43.79 338	P	P	19 26 09.1	+1.3
EKS2	Osnerova 44.05 339	P	P	19 26 10.6	+0.7
USP	Makanchi Array 45.12 348	iP	iP	19 26 18.7	+0.3
MKAR	Warramang Arr 45.25 122	eP	eP	19 26 20.0	+0.2
WRAB	Tennant Creek 45.25 122	eP	eP	19 26 20.1	+0.2
WRAB	comp=Z,129nm,1.6s,mb5.5	MLR	MLR		
WRAB	comp=Z,106nm,19.0s,MS3.8	LR	LR		
WRAB	Tennant Creek 45.25 122	eP	eP	19 26 20.1	+0.2
WRAB	comp=Z,129nm,1.6s,mb5.5	MLR	MLR		
WRAB	comp=Z,106nm,19.0s,MS3.8	LR	LR		
SOMN	Songino Array 46.10 11	P	P	19 26 27.0	+0.9
SOMN	Tennant Creek 45.25 122	eP	eP	19 26 34.5	0.0
SOMN	comp=Z,14nm,0.8s,mb5.0,baz=193,slow=8.1,SNR=108				
SOMN	comp=Z,14nm,0.9s,baz=198,slow=8.0,SNR=113				
SOMN	comp=Z,5.8nm,0.9s,baz=195,slow=4.8,SNR=42	LR	LR	19 49 43.4	
SOMN	comp=Z,331nm,18.1s,MS4.3,baz=192,slow=41				
KS15	Wonju Array Si 46.24 37	P	P	19 26 25.2	-2.3
ULN	Ulaanbaatar 46.26 12	iP	iP	19 26 27.5	0.0
ULN	comp=Z,548nm,19.0s,MS4.5	MLR	MLR		
ULN	Ulaanbaatar 46.26 12	iP	iP	19 26 27.5	
ULN	comp=Z,548nm,19.0s,MS4.5	MLR	MLR		
ASAR	Alice Springs 46.58 127	P	P	19 26 30.6	+0.2
ASAR	comp=Z,13nm,1.1s,mb4.8,baz=294,slow=7.8,SNR=52				
ASAR	comp=Z,4.9nm,0.8s,baz=312,slow=4.2,SNR=7.7				
ASAR	comp=Z,7.7nm,0.9s,baz=301,slow=4.1,SNR=6.9				
SNY	Shenyang 46.90 30	iP	iP	19 26 33.8	+1.2
SNY	comp=N,780nm,16.5s,MS4.9	LR	LR	19 28 26.5	+3.9
SNY	comp=E,810nm,14.3s,MS4.9	LR	LR		
SNY	comp=Z,750nm,13.7s,MS4.8	LR	LR		
ZAK	Zakamensk 48.06 8	iP	iP	19 26 41.8	+0.2
ZAK	comp=Z,432nm,14.0s,MS4.6	MLR	MLR		
HASS	Wahat al Ahsa' 48.42 302	P	P	19 26 44.7	0.0
CN2	Changchun 49.29 30	eP	eP	19 26 50.0	-0.2
CN2	comp=Z,20nm,1.1s,mb5.1	AMB	AMB		
TLY	Talaya 49.28 8	eP	eP	19 26 52.7	+0.9
TLY	comp=Z,42nm,1.8s,mb5.2	pmx	pmx	19 36 42.6	
TLY	comp=Z,432nm,14.0s,MS4.6	MLR	MLR		
TLY	Talaya 49.28 8	eP	eP	19 26 48.0	-3.8
TLY	comp=Z,15nm,0.8s,mb5.1	LR	LR		
IRK	Irkutsk 50.02 8	eP	eP	19 26 57.1	+0.5
IRK	comp=Z,94nm,19.0s,MS3.8	LR	LR	19 27 05.7	+0.6
HIA	Hailar 51.16 21	eP	eP	19 27 06.1	+0.8
HIA	comp=Z,47nm,0.8s	pmx	pmx		
RDF	Al-Radifah 51.53 305	eP	eP	19 27 09.2	+0.8
RDF	comp=Z,230nm,0.9s,mb6.1	AMB	AMB	19 27 19.5	
KAMS	Al Khamasin 51.56 294	P	P	19 27 09.2	+0.4
ZAL	Zalesovo 51.63 353	P	P	19 27 08.8	-0.1
ZAL	comp=Z,13nm,0.6s,mb5.1,baz=296,slow=7.3,SNR=89				
UMR	Umm Al-Ruwaisa 52.19 306	eP	eP	19 27 17.3	0.0
UMR	comp=Z,10nm,0.8s,baz=296,slow=7.1,SNR=9.5				
NAY	Al-Naaiem 51.90 306	eP	eP	19 27 11.6	+0.4
NAY	comp=Z,179nm,0.7s,mb6.1	AMB	AMB	19 27 21.7	
MZLS	Mizel 51.94 299	P	P	19 27 11.9	+0.3
MDJ	Mudanjiang 51.97 32	eP	eP	19 27 12.5	+0.9
MDJ	comp=Z,29nm,1.5s,mb5.0	AMB	AMB		
MDJ	comp=Z,193nm,5.7s				
MDJ	Mudanjiang 51.97 32	eP	eP	19 27 10.1	-1.5
MDJ	comp=Z,65nm,1.4s,mb5.4	LR	LR	19 27 22.1	
RST	Umm Al-Ruwaisa 52.19 306	eP	eP	19 27 13.5	+0.1
RST	comp=Z,117nm,1.2s,mb5.7	AMB	AMB	19 27 24.1	
TATS	Tathlith 52.41 293	P	P	19 27 15.6	+0.4
MAJO	Matsushiro 52.52 45	eP	eP	19 27 10.5	-5.3
MAJO	comp=Z,15nm,1.1s,mb4.8	pmx	pmx		
MAJO	comp=Z,928nm,20.0s,MS4.8	MLR	MLR		
MAJO	Matsushiro 52.52 45	P	P	19 27 10.5	-5.3
MAJO	comp=Z,15nm,1.1s,mb4.8	LR	LR		
NVS	Novosibirsk 52.72 352	iP	iP	19 27 15.9	-1.1
NVS	comp=Z,928nm,20.0s,MS4.8				
NVS	comp=Z,47nm,1.1s,mb5.3	pmx	pmx	19 34 43.5	+2.0
NVS	comp=E,18nm,1.9s	pmx	pmx		
NVS	comp=Z,22nm,1.9s,mb4.8	pmx	pmx		
NVS	comp=Z,47nm,1.1s,mb5.3	pmx	pmx		
NVS	comp=E,28nm,1.8s	smx	smx		
AVFS	Affif 53.85 298	P	P	19 27 26.7	+0.9
BVA0	Borovoye Array 53.90 342	iP	iP	19 27 24.8	-0.9
BVA0	comp=Z,3.0nm,0.9s,mb4.2	pmx	pmx		
BRVK	Borovoye 53.96 342	eP	eP	19 27 25.5	-0.6
BRVK	comp=Z,3.0nm,0.9s,mb4.2	MLR	MLR		

2004 DEC

PMG	comp=Z,119nm,19.0s,MS4.0				
PMG	Port Moresby 53.96 104	eP	eP	19 27 25.5	-1.2
PMG	comp=Z,15nm,0.9s	pmx	pmx		
PMG	Port Moresby 53.96 104	eP	eP	19 27 25.5	-1.2
ARSS	Ar Rass 54.17 300	P	P	19 27 28.3	+0.2
CHKZ	Chkalovo 54.40 343	eP	eP	19 27 28.7	-0.7
CHKZ	comp=Z,47nm,0.8s,mb5.5	pmx	pmx	19 27 37.1	-0.7
CHKZ	Chkalovo 54.40 343	eP	eP	19 27 28.7	-0.7
CHKZ	comp=Z,47nm,0.8s,mb5.5	pmx	pmx	19 27 37.1	-0.7
CHKZ	Chkalovo 54.40 343	eP	eP	19 27 28.7	-0.7
CTA	Charters Tower 55.72 116	LR	LR	19 27 31.1	-0.7
CTA	comp=Z,251nm,19.1s,MS4.3,baz=140,slow=37				
CTA	Charters Tower 55.72 116	eP	eP	19 27 39.2	-0.3
CTA	comp=Z,29nm,1.0s,mb5.3	pmx	pmx		
CTA	comp=Z,29nm,1.0s,mb5.3	MLR	MLR		
CTA	Charters Tower 55.72 116	eP	eP	19 27 39.2	-0.3
CTA	comp=Z,29nm,1.0s,mb5.3	LR	LR		
HLS	Ha'il 55.84 301	P	P	19 27 40.9	+0.6
KLR	Kul'dur 56.20 29	eP	eP	19 27 40.7	-1.9
KLR	comp=N,40nm,1.8s	pmx	pmx		
KLR	comp=E,70nm,1.8s	pmx	pmx		
KLR	comp=Z,100nm,1.8s,mb5.5	MLR	MLR		
STKA	comp=Z,2µm,13.0s,MS5.4				
STKA	Stephens Creek 56.49 131	P	P	19 27 44.7	-0.1
STKA	comp=Z,6.9nm,0.8s,mb4.7,baz=295,slow=8.2,SNR=17				
STKA	comp=Z,12nm,0.8s,baz=298,slow=8.6,SNR=14				
STKA	comp=Z,230nm,18.1s,MS4.3,baz=25,slow=39	LR	LR	19 54 39.5	
STKA	Stephens Creek 56.49 131	eP	eP	19 27 43.4	-1.5
BOD	Bodaibo 57.06 12	eP	eP	19 27 53.4	0.0
KMBO	Kilima Mbogo 57.23 267	eP	eP	19 27 48.2	-2.2
KMBO	comp=Z,29nm,1.0s	pmx	pmx	19 27 59.0	
KMBO	Kilima Mbogo 57.23 267	P	P	19 27 50.6	+0.2
KMBO	comp=Z,10nm,1.0s,mb4.8,baz=61,slow=7.5,SNR=7.2				
KMBO	comp=Z,19nm,1.0s,baz=58,slow=8.6,SNR=11	LR	LR	19 48 46.1	
KMBO	comp=Z,438nm,19.0s,MS4.6,baz=98,slow=32				
KMBO	Kilima Mbogo 57.23 267	eP	eP	19 27 48.2	-2.2
KMBO	comp=Z,28nm,1.0s,mb5.2	LR	LR	19 27 59.0	
KMBO	Khaybar 57.61 299	P	P	19 27 53.3	+0.4
KMBO	GNI 58.23 317	eP	eP	19 27 56.9	-0.1
GNI	comp=Z,74nm,2.5s	pmx	pmx		
GNI	Yanbu al Bahr 58.40 297	P	P	19 27 56.0	-1.0
TIZ	Plakhanov 58.94 318	iP	iP	19 27 59.1	+0.7
TIZ	comp=Z,30nm,1.0s,mb5.3	pmx	pmx	19 28 01.6	-0.4
CLNS	Chul'man 59.16 19	eP	eP	19 28 04.2	+0.9
CLNS	comp=N,16nm,0.7s	pmx	pmx	19 28 11.5	-0.4
CLNS	comp=E,21nm,1.1s	pmx	pmx	19 28 51.3	
CLNS	comp=Z,7.0nm,0.9s,mb4.7	pmx	pmx	19 36 06.9	-0.3
CLNS	comp=N,12nm,1.0s	smx	smx	19 42 25.5	-4.0
CLNS	comp=N,122nm,12.3s	smx	smx		
CLNS	comp=Z,124nm,14.1s	smx	smx		
CLNS	comp=E,47nm,13.3s	MLR	MLR		
CLNS	comp=Z,2µm,17.0s,MS5.2	MLR	MLR		
CLNS	comp=N,900nm,16.0s,MS5.0	MLR	MLR		
CLNS	comp=E,200nm,16.0s,MS5.0	MLR	MLR		
UMJS	Umm Lajj 59.19 298	P	P	19 28 05.2	+1.3
ZEI	Tsey 59.98 319	eP	eP	19 28 08.9	-0.2
ZEI	comp=Z,10nm,0.9s,mb4.8	pmx	pmx	19 28 16.0	-1.7
ZEI	comp=Z,124nm,14.1s	pmx	pmx	19 30 21.3	
SVE	Sverdlovsk 60.23 339	eP	eP	19 28 09.5	-1.2
SVE	comp=Z,120nm,1.8s,mb5.6	pmx	pmx	19 29 01.0	
ERZM	Erzurum 60.48 315	P	P	19 28 13.0	+0.5
TBKS	Tabuk 60.54 301	iP	iP	19 28 14.2	+1.0
ARU	Arti 60.69 338	iP	iP	19 28 12.2	-1.5
ARU	comp=Z,26nm,1.1s,mb5.3				
ARU	Arti 60.69 338	iP	iP	19 28 53.7	
ARU	comp=Z,120nm,1.8s,mb5.6	pmx	pmx	19 30 28.7	
ARU	Arti 60.69 338	iP	iP	19 36 27.2	+0.4
ARU	comp=Z,26nm,1.1s,mb5.3	pmx	pmx	19 40 25.2	-1.6
ARU	Arti 60.69 338	eP	eP	19 28 12.4	-1.3
JMGS	Jabal Mogryeh 61.27 302	P	P	19 28 18.6	+0.6
KIV	Kislovodsk 61.30 320	P	P	19 28 17.9	-0.2
KIV	comp=Z,155nm,1.4s,mb5.9,SNR=10.0				













0.5m,0.4s,mb3.8,baz=76,slow=5.5,SNR=4.0

IDC 30 22:10:06.7.2.1, 3.13N-94.51E,mb3.8/5,mb1 4.0/6, mb1mx3.8/18,mbtmap3.9/6,ML4.1/1, Error ellipse: s-maj=85.1km s-min=-21.7km az=62.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrunganga Arr, SONM Songoing Array, SONM Alice Springs, ASAR Alice Springs, BVAR Borovoye Array, STKA Stephens Creek.

IDC 30 22:11:08.9.1.8, 6.38N-92.78E,mb3.9/3,mb1 4.0/3, mb1mx3.7/16,mbtmap3.9/3, Error ellipse: s-maj=61.1km s-min=31.0km az=49.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include SONM Songoing Array, WRA Warrunganga Arr, BRTR Keskin Array B.

IDC 30 22:13:08.9.2.3, 3.05N-94.43E,mb3.8/5,mb1 4.0/6, mb1mx3.8/18,mbtmap3.9/6,ML4.0/1, Error ellipse: s-maj=87.0km s-min=-21.8km az=63.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, WRA Warrunganga Arr, SONM Songoing Array, ASAR Alice Springs, BVAR Borovoye Array, STKA Stephens Creek.

IDC 30 22:14:05.4.1.0, 2.22N-92.48E,mb4.1/7,mb1 4.2/8, mb1mx4.0/17,mbtmap4.1/8,ML4.0/1,MS3.7/4,MS1 3.7/4, ms1mx3.4/25, Error ellipse: s-maj=42.7km s-min=20.1km az=45.0

IDC 30 22:14:08.6.0.8, 2.30N-1.92E,0.1,h33km,n11,0.075/9, mb4.0/7,MS3.8/3, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include CMAR Chiang Mai Arr, HYAB Hyderabad, TGTY Tagay City, WRA Warrunganga Arr, SONM Songoing Array, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, BRTR Keskin Array B, IDI Anoiya, GERES GERRS Array B, TXAR Lajitas Array.

NEIC 30 22:15:08.0.36.41N-21.57E,h72km, After ATH. CSEM 30 22:15:08.0.36.41N-21.57E,h72km,ML3.7, After ATH. ATH 30 22:15:07.5.36.37N-21.51E,h65km,8km,ML3.7, Southern Greece

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include ITM Ithomi, VLI Velia, KYTH Kithira, VLS Valsamata, NAIG Nisos Agina, MGER Geranoros, NSAL Nisos Salamina, ATH Athens Observa, VAM Vamos, MPAR Parnis Oros, PTL Penteli, EVR Erythra, JAN Janina, KEK Kerkira.

IDC 30 22:17:53.1.0.6.21S-107.08W,mb4.1/13,mb1 4.4/13, mb1mx4.2/17,mbtmap4.1/13,MS4.3/9,MS1 4.3/9, ms1mx3.8/24, Error ellipse: s-maj=32.3km s-min=20.4km az=57.0

NEIC 30 22:17:56.0.0.6.12S-106.84W,h10km,mb4.7/19, Error ellipse: s-maj=20.7km s-min=11.7km az=79.0

IDC 30 22:17:54.9.0.5, 6.03S-07.106.8W-0.1,h10km,n56,0.137/49,mb4.0/30,MS4.0/39,IC-12, Central East Pacific Rise

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include OTAV Otavalo, PTCN Pitcairn Islan, ROSC El Rosal, TXAR Lajitas Array, MNTX Cornudas Mount, CPRX Cap Rock, SDV Santo Domingo, SDV Santo Domingo, LPAZ La Paz, LPAZ La Paz, BNM Barren Site, LAZ Ladoron, ANMO Albuquerque, WMOK Wichita Mounta, MIAR Mount Ida.

Table with columns: PPT, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include Papeete, OXF Oxford, SDCO Great Sand Dun, ARUT Antelope Range, RW3 Ridgway, PVTH Paradox Valley, TPNH Tonopah, PCRV Puerto La Cruz, NVAR Mina Array Bea, NVAR Mina Array Bea, ISCO Idaho Springs, CMB Columbia Cole, MYNC Murray, SJC San Juan, SJS Jenkinsville, HWUT Hardware Ranch, PDAR Pine Ridge Array, QLMT Earthquake Lake, MCMT McKenzie Canyon, NEW Newport, SADO Sadova, ULM Lac du Bonnet, BDFB Brasilia, AFI Afiamalu, AFI Afiamalu, PMSA Palmer Station, DLBC Dease Lake, YKA Yellowknife Ar, SKO Schefferville, RCBR Riachuelo, ILAR Eielson Array, ILAR Eielson Array, COLA College, SBA Scott Base, SPSA South Pole Qui, VNSA Neumayer Olymp, VNAZ Neumayer-Watz, SNAAR Snares, JMIC Jan Mayen, KMBO Kilima Mbogo, CMAR Chiang Mai Arr.

WEL 30 22:20:57.1.0.4.37.89N-176.58E,h146km,3km,ML3.5/4, 2C, Error ellipse: s-maj=3.5km s-min=3.5km az=0.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include URZ Urewera, URZ Matawai, MWZ Black Stump Fm, BKZ Black Stump Fm, MGZ Maungaku, KNZ Kouhau, NGZ Ngauruhoe, TUZ Tuzi, WNWZ Whianhano, BFZ Birch Farm, KIW Kapiti Island, KIW Kapiti Island.

IDC 30 22:21:50.6.0.8, 8.87N-93.56E,h25km,4km,mb3.8/13, mb1 3.9/13,mb1mx3.8/19,mbtmap3.9/13, Error ellipse: s-maj=44.9km s-min=15.7km az=47.0

IDC 30 22:21:48.4.0.8, 8.8N-0.2.93.6E,0.2,h25km, (h26km,4km,p-P),n14,0.077/14,mb3.9/13,Nicobar Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include DDI Dehra Dun, SONM Songoing Array, BVAR Borovoye Array, WRA Warrunganga Arr, WRA Warrunganga Arr, ASAR Alice Springs, ASAR Alice Springs, BRTR Keskin Array B, BRTR Keskin Array B, AKASG Malin Array Be, AKASG Malin Array Be, FINES Fines Array B, ARCES ARCES Array B, ARCES ARCES Array B, GERES GERRS Array B, GERES GERRS Array B, HFS Hagfors, NOA NORSAR Array B, EKA Eskdalemuir Ar, EKA Eskdalemuir Ar, ILAR Eielson Array, ILAR Eielson Array.

IDC 30 22:21:54.6.0.9, 33.41S-68.60W,mb4.2/6,mb1 4.3/8, mb1mx4.1/16,mbtmap4.2/8,ML4.5/2, Error ellipse: s-maj=33.7km s-min=21.6km az=77.0

NEIC 30 22:21:58.7.1.3, 33.40S-68.59W,h5km,mb3.9/11,ML4.3(GUC), After [GUC]. NEIC Felt [J] at Rivadavia and [I] at Mendoza. GUC 30 22:21:58.7.1.1, 33.40S-68.59W,h5km,13km,MD4.4,ML4.3

IDC 30 22:21:55.3.0.5, 33.42S-0.04x68.38W-0.03,h5km,n35,0.15/60,mb4.0/6,5,IC-6D,Mendoza Province

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include MDZ Mendoza, MDZ Mendoza, LMEL Las Melosas, FCH Campanones, FCH Campanones, SJCH San Jose de, FSR Penafiel, FSR Penafiel, CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, DSCH Colegio Aleman, DSCH Colegio Aleman, ANTU Antumapu, ANTU Antumapu, ANTU Antumapu, ANTU Antumapu, STL Santa Lucia, STL Santa Lucia, STL Santa Lucia, STL Santa Lucia, CICH Cipreses, CICH Cipreses, PEL Peidehue, PEL Peidehue, PEL Peidehue, CHCH Chadas Angosto, CHCH Chadas Angosto, CACH El Canelo, CACH El Canelo, JACH Jajuel, JACH Jajuel, RCDM Rincondada Maip, RCDM Rincondada Maip, PTCH Petorca, PTCH Petorca, PACH Papudo, PACH Papudo, IHA Instituto Hidr, IHA Instituto Hidr, ILCH Illapel, ILCH Illapel, CMCH Combarbala, CMCH Combarbala, TRQA Tornquist, TRQA Tornquist, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, BDFB Brasilia, BDFB Brasilia, SNAAR Snares, SNAAR Snares, TXAR Lajitas Array, TXAR Lajitas Array, DBIC Dimbokro, DBIC Dimbokro, ANMO Albuquerque, ANMO Albuquerque, ULM Lac du Bonnet, ULM Lac du Bonnet, WRA Warrunganga Arr, WRA Warrunganga Arr, BVAR Borovoye Array, BVAR Borovoye Array, SONM Songoing Array, SONM Songoing Array.

IDC 30 22:24:05.2.0.6, 8.30N-93.84E,h17km,3km,mb4.0/16, mb1 4.2/16,mb1mx4.1/21,mbtmap4.1/16, Error ellipse: s-maj=29.0km s-min=12.8km az=48.0

NEIC 30 22:24:02.1.1.5, 8.56N-93.73E,h30km,mb4.5/14, Error ellipse: s-maj=40.3km s-min=18.5km az=129.0

IDC 30 22:24:03.6.0.4, 8.33N-0.17.93.4E-0.10,h17km, h17km,3km,p-P,n46,0.11/144,mb4.4/34,Nicobar Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Rows include PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, LSA Lhasa, GKN Gorkha, KOLN Koldanda, PTH Pithagarah, ENH Enshi, SONM Songoing Array, SONM Songoing Array, ULN Uluambatar, ULN Uluambatar, NWAO Nargin (SRO), RDF Al-Radifrah, RDF Al-Radifrah, RDF Al-Radifrah, RDF Al-Radifrah, NAY Al-Naieim, NAY Al-Naieim, NAY Al-Naieim, NAY Al-Naieim, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, WRA Warrunganga Arr, WRA Warrunganga Arr, WRA Warrunganga Arr, WRA Warrunganga Arr, RST Umm Al-Ruwaisa, RST Umm Al-Ruwaisa, RST Umm Al-Ruwaisa, RST Umm Al-Ruwaisa, CHKZ Chkalovo, CHKZ Chkalovo, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.















31d 1h

Table with columns: PGF, Pioggia, 84.15 336 eP, P, 01 24 57.2 +0.7, comp=Z, 67nm, 1.2s, mb5.3, pmax, pmax

IDC 31 01:14:17.3:1.1, 6.00N-94.96E, mb4.0/8, mb1 4.2/9, mb1mx4.0/18, mbtmp4.0/9, ML4.4/1, Error ellipse: s-maj=5.1, 1km s-min=18.9km az=57.0

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

IDC 31 01:14:20.8:0.9, 6.1N-101.1.95.1E, 0.2, h33km, n9, 0.08/99, mb4.0/8, Nicobar Islands region

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

IDC 31 01:14:25.5:1.0, 6.64S-106.88E, mb4.6/6, mb1 4.7/6, mb1mx4.3/16, mbtmp4.5/6, Error ellipse: s-maj=57.6km s-min=21.7km az=41.0

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

IDC 31 01:14:28.9:1.6, 6.7S-105.9E, 0.4, h33km, n11, 0.078/8, mb4.4/7, Sunda Strait

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

IDC 31 01:15:23.0:4.0, 9.79N-91.07E, mb4.4/10, mb1 4.6/11, mb1mx4.3/20, mbtmp4.4/11, ML4.4/1, MS3.8/2, Ms1 3.9/2, ms1mx3.4/20, Error ellipse: s-maj=39.4km s-min=17.0km az=47.0

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

IDC 31 01:15:26.0:0.7, 5.84N-109.91.18E, 0.10, h33km, n35, 0.0594/39, mb4.7/15, MS3.9/2, 1C-1D, Off west coast of northern Sumatra

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

IDC 31 01:15:26.0:0.7, 5.84N-109.91.18E, 0.10, h33km, n35, 0.0594/39, mb4.7/15, MS3.9/2, 1C-1D, Off west coast of northern Sumatra

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

IDC 31 01:15:26.0:0.7, 5.84N-109.91.18E, 0.10, h33km, n35, 0.0594/39, mb4.7/15, MS3.9/2, 1C-1D, Off west coast of northern Sumatra

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

IDC 31 01:15:26.0:0.7, 5.84N-109.91.18E, 0.10, h33km, n35, 0.0594/39, mb4.7/15, MS3.9/2, 1C-1D, Off west coast of northern Sumatra

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

IDC 31 01:15:26.0:0.7, 5.84N-109.91.18E, 0.10, h33km, n35, 0.0594/39, mb4.7/15, MS3.9/2, 1C-1D, Off west coast of northern Sumatra

2004 DEC

Table with columns: DAVOX, DAVOS, 79.81 316 P, P, 01 27 34.4 +1.1, comp=Z, 2.1nm, 0.7s, mb4.2, baz=58, slow=13, SNR=3.4

NIED 31 01:16:00.39, 10N, 144.40E, h51km, Mw3.7 Best double couple: M4.43x10^14 NP1.05, 151°, 852°, λ-124°. NP2: 0x19°, 849°, λ-54°

JMA 31 01:16:46.8:0.1, 39.07N:144.35E, h44km, M3.9, ISC 31 01:16:45.0:1, 2.39, 14N:0.05:144.5E:0.1, h81km, 35km, n14, 0.085/24, Off east coast of Honshu

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

IDC 31 01:20:22.1:1.0, 6.16N:91.48E, mb4.4/15, mb1 4.5/16, mb1mx4.4/22, mbtmp4.4/16, ML4.0/1, MS3.7/2, Ms1 3.8/2, ms1mx3.3/22, Error ellipse: s-maj=28.5km s-min=13.8km az=53.0

Bull 31 01:20:24.3, 10.31N:91.70E, h40km, mb5.3, mb4.7, Ms4.4, Ms2.1

NEIC 31 01:20:25.5:0.4, 10.60N:91.49E, mb4.8/16, Error ellipse: s-maj=1.9km s-min=6.7km az=61.0

ISC 31 01:20:29.0:4, 10.63N:0.05:91.52E:0.06, h26km, h26km, 1.4km, pp-P, 0.61, 0.86/58, mb4.6/34, MS4.1/4, 1C, Andaman Islands region

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

IDC 31 01:20:29.0:4, 10.63N:0.05:91.52E:0.06, h26km, h26km, 1.4km, pp-P, 0.61, 0.86/58, mb4.6/34, MS4.1/4, 1C, Andaman Islands region

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

IDC 31 01:30:43.0:1.0, 3.40N:92.81E, mb4.0/9, mb1 4.2/10, mb1mx4.0/19, mbtmp4.0/10, Error ellipse: s-maj=40.9km s-min=20.2km az=44.0

NEIC 31 01:30:48.0:6.4, 3.66N:93.20E, h30km, mb4.6/8, Error ellipse: s-maj=141.0km s-min=24.5km az=139.0

Bull 31 01:30:47.9, 3.70N:93.20E, h30km, mb4.9/8, ISC 31 01:30:45.9:0.7, 3.4N:0.1:92.9E:0.1, h30km, n39, 0.092/38, mb4.5/22, Off west coast of northern Sumatra

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

IDC 31 01:30:45.9:0.7, 3.4N:0.1:92.9E:0.1, h30km, n39, 0.092/38, mb4.5/22, Off west coast of northern Sumatra

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

IDC 31 01:30:45.9:0.7, 3.4N:0.1:92.9E:0.1, h30km, n39, 0.092/38, mb4.5/22, Off west coast of northern Sumatra

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

IDC 31 01:30:45.9:0.7, 3.4N:0.1:92.9E:0.1, h30km, n39, 0.092/38, mb4.5/22, Off west coast of northern Sumatra

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

IDC 31 01:30:45.9:0.7, 3.4N:0.1:92.9E:0.1, h30km, n39, 0.092/38, mb4.5/22, Off west coast of northern Sumatra

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

1178

Table with columns: WRA, Warramunga Arr, 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45

WRA Warramunga Arr 51.96 126 P, P, 01 29 32.9 -0.4, comp=Z, 1.1nm, 0.8s, mb4.8, baz=299, slow=10.0, SNR=45



IDC 31 01:41:04.8;1.0, 8.17N-94.01E, mb3.9/9, mb1 4.1/10, mb1mx4.0/19, mbtmp3.9/10, ML4.1/1, MS3.7/4, Ms1 3.8/4, ms1mx3.5/22, Error ellipse: s-maj=43.1km s-min=21.1km az=51.0

ISC 31 01:41:07.9;0.8, 8.3N;0.1-1.94;1E;0.1, h33km, n21, c0872/20, mb4.1/12, MS3.7/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Gumba, Kankani, etc.

IDC 31 01:49:21.4;0.9, 5.36S-36.04E, mb4.1/12, mb1 4.2/13, mb1mx4.1/19, mbtmp4.1/13, ML4.1/1, MS3.8/1, Ms1 3.8/1, ms1mx2.6/18, Error ellipse: s-maj=31.7km s-min=18.4km az=82.0

ISC 31 01:49:20.1;6.1, 5.38S;0.09-35.9E;0.1, h15km;41km, n36, c066/34, mb4.4/27, MS3.8/1, Tanzania

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like Kilima Mbogo, Kumbo, DBIC, BRTR, etc.

IDC 31 02:01:09.9;1.0, 20.25N-87.07E, mb3.9/8, mb1 4.1/8, mb1mx3.9/17, mbtmp3.9/8, Error ellipse: s-maj=46.2km s-min=20.3km az=47.0

ISC 31 01:59:54.8;4.8, 8.8N;0.3-93.0E;0.5, h10km, n20, c1931/20, mb3.9/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like Pulchoki, DMN, GUN, KKN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like Gorkha, Koldanda, SONM, etc.

IDC 31 02:21:37.2;1.3, 3.97N-94.11E, h28km;6km, mb3.4/5, mb1 3.7/6, mb1mx3.5/18, mbtmp3.7/6, ML4.1/1, Error ellipse: s-maj=47.4km s-min=22.9km az=55.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like Chiang Mai Arr, SONM, WRA, etc.

Bull 31 02:23:58.0, 6.88N;92.39E, h26km, mb6.1, mb5.4, Ms6.7, Ms2.5

NEIC 31 02:24:00.5;0.1, 7.12N-92.53E, h14km, mb5.7/97, ME5.9, MS6.3/33, MW6.0, Error ellipse: s-maj=5.5km s-min=3.5km az=210.0, Broadband fault plane solution: P waves. NP1;180;860;7.75; NP2;188;833;1.14; Principal axes: T Plg71; Azm216; N Plg0; Azm0; P Plg14; Azm81; Moment Tensor Solution. 3x3 Moment tensor: Scale 1018 Nm; Mrr:1.08; Mww:0.07; Mxx:1.15; Mxy:0.37; Myx:0.31; Mzz:0.35; Best double couple: Mo1.3x1018 NP1;181;837;1.14; NP2;188;857;1.73; Principal axes: T 1.22, Plg73; Azm200; N 0.08, Plg14; Azm324; P -1.3, Plg10; Azm74; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

HRVD 31 02:24:00.5;0.1, 7.10N-92.43E, h12km, MW6.1/63, Centroid moment tensor solution. LP body waves: s63.13s;Mantle waves: s62.01s; Half duration: 2s Moment tensor: Scale 1018Nm; Mrr:1.41;0.1; Mxx:0.31;0.2; Mzz:1.02;0.2; Mxy:0.16;0.4; Myx:0.73;0.1; Mzz:0.21;0.5; Best double couple: Mo1.5x1018 NP1;181;837;1.14; NP2;188;857;1.73; Principal axes: T 1.46, Plg79; Azm139; N 0.08, Plg11; Azm330; P -1.54, Plg2; Azm240; nsta1 refers to body waves, cutoff=40s, nsta2 refers to mantle waves, cutoff=125s.

MOS 31 02:24:03.7;0.9, 7.39N-92.29E, h33km, mb5.9/91, MS6.2/75, Error ellipse: s-maj=8.9km s-min=3.8km

CSEM 31 02:24:05.9, 7.72N-92.20E, h33km, mb5.7, IDC 31 02:24:05.5;2.0, 7.20N-92.76E, h53km, mb5.0/23, mb1 5.1/24, mb1mx5.1/24, mbtmp5.3/24, ML5.0/1, MS6.1/18, Ms1 6.1/18, ms1mx5.9/24, Error ellipse: s-maj=15.7km s-min=8.4km az=35.0

ISC 31 02:23:58.7;0.1, 7.06N;0.03-92.55E;0.02, h14km, h14km;1.1km;pp-P, n808, c1907/705, mb5.6/165, MS6.3/182, 97C-32D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like SNG, CM31, CMAR, MDRS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like LATR, MNCV, MNCY, etc.

31d 2h

Table with columns for station name, frequency, power, and signal strength. Includes stations like QZH, LZH, SGCP, WHN, TBP, etc.

2004 DEC

Table with columns for station name, frequency, power, and signal strength. Includes stations like AAA, MBWA, KBK, AML, TKM2, etc.

1180

Table with columns for station name, frequency, power, and signal strength. Includes stations like HIA, NVS, RST, WRA, etc.





Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like LIBD Limburg, ENR Entraçque, and WIT Witteveen.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like DMUB Kingscourt, DCN Croghan, and RSO Redoubt.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes stations like YBH Yreka Blue Hor, BMO Blue Mountains, and DAU Daniels Canyon.





Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chengdu, Dehdun, Enshi, Wuhan, Xi'an, Lanzhou, Gaotai, Nanjing, Sheshan, Kashi, Urumqi, Fitzy Crossi, Hu-ho-hao-te, Bajiatuau, Warramunga Arr, Karagaybulak, Ala-Archa, Ala-Archa, Ospenovka, Narrogin (SRO), Songino Array, Warramunga Arr, Tennant Creek, Warramunga Arr, Alice Springs, Alice Springs, Hailar, Hailar, Mudjiang, Borovoye Array, Borovoye, Borovoye, Chkalovo, Chkalovo, Kuldur, GNI, GNI, GNI, Tsey, Arti, Gumb, Gumb, Pulchoki, KKK, DMN, DMN, GKN, GKN, KOLD, KOLD, ULN, ULN, SONM, SONM, HYB, HYB, AAK, AAK, BVAR, BVAR, BRVK, BRVK, CHZK, CHZK, MALT, MALT, MALT, EIL, EIL, MBAR, MBAR, YAK, YAK, YAK, YAK, BRTR, BRTR, OBN, OBN, OBN.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Malin Array Be, TIXI, MLR, KOLS, FINES, FINES, FINES, VYHS, VYHS, OKC, OKC, DPC, DPC, BILL, GERS, BRG, BRG, BRG, KHC, DAVOX, ILAR, ILAR, YKA, NVAR, PDAR, TXAR, TXAR, HKT, KCP, BUKP, PAGZ, PAGZ, IPIL, KAKA, FITZ, WRAB, WRA, WRA, WB2, MBWA, ASAR, ASAR, ASAR, ASPA, CMAR, ENH, KLBR, MUN, NWAJ, NWAJ, STKA, STKA, STKA, BJT, BJT, BJI, LSA, GTA, GTA, GUN, GUN, PKI, PKI, KKN, KKN, DMN, DMN, DMN, GKN, GKN, GKN, KOLD, KOLD, ULN, ULN, SONM, SONM, HYB, HYB, AAK, AAK, BVAR, BVAR, BRVK, BRVK, CHZK, CHZK, Vnda, Vnda, IMA, IMA, ILAR, ILAR, MALT, MALT, OBN, OBN, ASF, ASF, KMBO, KMBO, EIL, EIL, EIL, BRTR, BRTR.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, KAF, FINES, MLR, TXAR, NEIC, CSEM, ATH, KYTH, KYTH, VAM, GVD, GVD, VLI, NPS, APF, APE, IDC, IDC, IDC, CTA, CTA, PMG, STKA, STKA, ASPA, WRA, WRA, KAKA, FITZ, TXAR, FINES, AKASG, BRTR, BRTR, EKA, NEIC, Induced, Poland, RAC, RAC, OJC, OJC, OKC, OKC, MORC, MORC, LIKS, NIE, NIE, DPC, DPC, KOLL, KOLL, VYHS, VYHS, WRAC, WRAC, KSP, KSP, KSP, KSP, UPIC, UPIC, SMOL, SMOL, CRVS, CRVS, ZST, ZST, PSZ, PSZ, KWP, KWP, KOLS, KOLS, PRU, PRU, BRG, BRG, RHC, RHC, KHC, KHC, KHC, MOA, MOA, MOA, CLL, CLL, CLL.



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

ICD 31 04:31:40.2,4.3, 1.33N, 126.38E, h99km, 40km, mb3.8/6, s-maj=13.3km s-min=15.3km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRA, WB2, etc.

ICD 31 04:51:55.5-10.0, 6.61N-94.24E, mb3.8/2, mb1.3/3, mb1mx3.5/17, mbtmp3.7/3, ML3.4/1, Error ellipse: s-maj=274.9km s-min=68.1km az=141.0, Nicobar Islands region

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

ICD 31 04:54:27.5-1.5, 7.47N-92.64E, mb3.7/4, mb1 4.0/5, mb1mx3.7/17, mbtmp3.7/3, ML3.6/1, Error ellipse: s-maj=52.0km s-min=25.2km az=64.0

ICD 31 04:54:29.6-1.1, 7.6N-91.1, 92.5E-0.2, h33km, n11, e081/11, mb4.0/8, Nicobar Islands region

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

NEIC 31 04:58:53.2, 37.07N-28.57E, h18km, MD3.3(ATH), After ATH

ATH 31 04:58:53.4, 37.06N-28.56E, h21km, 2km, MD3.3/4

ISK 31 04:58:55.5, 36.95N-28.31E, h21km, MD3.3

CSEM 31 04:58:56.0-0.1, 37.02N-28.39E, h15km, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=29.0

ICD 31 04:58:56.1-0.6, 37.03N-0.28.39E-0.04, h11km, 5km, n22, e072/30, Turkey

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

CSEM 31 05:00:45.9-0.2, 37.15N-28.46E, MD3.1, Error ellipse: s-maj=4.2km s-min=1.9km az=50.0

NEIC 31 05:00:46.1, 37.00N-28.67E, h20km, MD3.1(ATH), After ATH

ATH 31 05:00:46.2, 36.99N-28.66E, h20km, 2km, MD3.1/4

ISK 31 05:00:46.8, 36.90N-28.24E, h27km, MD3.1

ICD 31 05:00:48.3-0.6, 37.02N-0.03.28.35E-0.04, h6km, 6km, n15, e122/23, Turkey

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

ATH 31 05:02:58.8, 37.06N-28.62E, h28km, 12km, MD3.1/4

ISK 31 05:02:58.5, 36.87N-28.22E, h41km, MD3.1

NEIC 31 05:02:59.3, 37.04N-28.63E, h34km, MD3.1(ATH), After ATH

CSEM 31 05:02:59.5-0.2, 37.11N-28.42E, h5km, MD3.1, Error ellipse: s-maj=4.2km s-min=3.4km az=49.0

ICD 31 05:03:00.3-0.7, 37.06N-0.03.28.42E-0.04, h13km, 5km, n16, e111/23, Turkey

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

JMA 31 05:19:09.6-0.6, 25.12N-128.81E, h42km, M3.7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JJT2, NAH1, NAH2, etc.

ICD 31 05:36:32.4-9.1, 11.30N-90.14E, mb3.6/4, mb1.3/8/4, mb1mx3.6/16, mbtmp3.6/4, Error ellipse: s-maj=307.2km s-min=34.1km az=77.0, Andaman Islands region

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

GUC 31 05:39:32.9-0.5, 24.58S-69.72W, h100km, 10km, ML3.5, 2C-1D, Nicobar Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPN1, ANCH, LVC, etc.

ICD 31 05:40:10.6-1.2, 8.67N-93.56E, h18km, 3km, mb4.0/12, mb1 4.2/13, mb1mx4.0/20, mbtmp4.1/13, ML3.6/1, Error ellipse: s-maj=38.3km s-min=25.2km az=35.0

ICD 31 05:40:09.1-0.9, 8.7N-101.93E-0.1, h19km, h19km, 2km, n19, e086/16, mb4.1/12, Nicobar Islands region

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

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

ICD 31 05:45:17.4-1.4, 8.18N-92.62E, mb3.9/5, mb1 4.1/6, mb1mx3.9/17, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=48.9km s-min=23.4km az=57.0

ICD 31 05:45:15.0-1.3, 8.3N-0.1.91.8E-0.2, h33km, n12, e1905/10, mb3.9/3, Nicobar Islands region

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

ICD 31 05:46:40.8-1.7, 7.93N-91.96E, mb3.7/4, mb1 4.0/4, mb1mx3.6/18, mbtmp3.7/4, Error ellipse: s-maj=74.2km s-min=29.1km az=53.0, Nicobar Islands region

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

ICD 31 05:51:28.2-3.5, 9.20N-91.91E, mb3.6/3, mb1 3.9/4, mb1mx3.6/17, mbtmp3.6/4, ML3.9/1, Error ellipse: s-maj=97.2km s-min=27.7km az=78.0, Nicobar Islands

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

MOS 31 05:53:54.8-0.9, 11.10N-92.03E, h33km, mb5.4/53, Error ellipse: s-maj=9.7km s-min=4.7km az=121.0

BUI 31 05:53:54.8, 10.94N-91.87E, h39km, mb5.3, mb5.0, Ms4.8, Ms2.5

NEIC 31 05:53:55.9-0.2, 11.08N-91.99E, mb5.2/59, Error ellipse: s-maj=9.8km s-min=4.3km az=210.0

ICD 31 05:53:55.9-0.4, 11.12N-92.00E, h24km, 2km, mb4.7/23, mb1 4.8/24, mb1mx4.7/26, mbtmp4.8/24, ML4.4/1, MS4.4/12, MS1.4/12, ms1mx4.1/26, Error ellipse: s-maj=17.8km s-min=9.2km az=46.0

HRVD 31 05:53:55.9-0.4, 11.15N-91.98E, h12km, 1km, MW5.0/45, Centroid moment Tensor Solution. LP body waves: s20,c27,Mantle waves: s45,c79; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.05e-23; Mw=0.46e-15; Mw0.1=59t-17; Mw0.2=63t-12; Mw0.1-0.6t-43; Best double couple: M0.41x10^16 NP10s7: 848-1, -151-; NP20s256: 669-1, -46-. Principal axes: T: 3.95, P: 13.93, Azm316; N: 9.93, P: 44.7; Azm57; P: 4.87, P: 47; Azm212; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ICD 31 05:53:53.9-0.2, 11.04N-0.03.91.98E-0.03, h27km, h27km, 3km, n19, e086/16, mb4.1/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NST, SNG, CM31, etc.

31d 5h

Table with columns: ICAO, City, Altitude, Frequency, Class, Power, and other technical details for various stations.

2004 DEC

Table with columns: ICAO, City, Altitude, Frequency, Class, Power, and other technical details for various stations.

1188

Table with columns: ICAO, City, Altitude, Frequency, Class, Power, and other technical details for various stations.





31d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like Chiang Mai Arr, Warramunga Arr, Alice Springs, Keskin Array B, etc.

BJJ 31 06:26:12.2, 2.94N-93.71E, h43km, mb5.3, mb5.0, Ms4.6, Msz4.2
MOS 31 06:26:13.3, 1.2, 3.26N-93.75E, h33km, mb5.1/25, Error ellipse: s-maj=14.8km s-min=7.0km az=114.5

NEIC 31 06:26:14.2, 0.4, 3.24N-93.75E, mb4.8/24, Error ellipse: s-maj=13.6km s-min=8.8km az=214.0

ICC 31 06:26:14.7, 0.3, 3.28N-93.76E, h27km, mb5.5/17, mb1.4/6.18, mb1mx4.5/25, mbtmp4.6/18, ML4.0/1, MS3.7/2, Ms1.3/8.2, ms1mx3.1/23, Error ellipse: s-maj=28.8km s-min=11.0km az=45.0

CSEM 31 06:26:16.2, 2.34N-92.36E, h33km, mb5.5
ISC 31 06:26:12.5, 0.3, 3.26N-93.77E, 0.04, h28km, h28km, 4km; pP, n136, r1500/134, mb4.9/66, MS4.3/5, 3C-1D, Off west coast of northern Sumatra

Main table for 31d 6h section, listing station codes, names, coordinates, phases, and times. Includes stations like Songkhla, Pallekele, Nakhon Sawan, etc.

2004 DEC

Main table for 2004 DEC section, listing station codes, names, coordinates, phases, and times. Includes stations like Ala-Archa, Makanchi Array, Songno Array, etc.

1190

Main table for 1190 section, listing station codes, names, coordinates, phases, and times. Includes stations like Kangasimni, Vyhne, Ostrava-Krasne, etc.







Table with columns: BVAR, Borovoye Array, 52.67 341 P, P, 07 35 46.2 -0.9, etc. Includes stations like Borovoye, Chkalovo, Port Moresby, etc.

Table with columns: PSZ, Piszkesteto, 76.7 318 ePn, P, 07 38 25.1 +0.3, etc. Includes stations like Piszkesteto, Ojcov, Vyhne, etc.

Table with columns: GUN, Gumba, 24.70 341 eP, P, 07 43 38.5 +1.4, etc. Includes stations like Gumba, Kakani, Gorkha, etc.

Bottom section containing various codes and station names like BJI 01 07:38:15.3, NEIC 01 07:38:18.7, etc.









Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Qiongzong, Kunming, Pulchoki, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Alice Springs, Borovoye, Asahikawa, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Bratislava, Mawson, Arces, etc.

Table with columns: YKA, MSO, ULM, SNOW, NVAR, PDAR, KSIU, ANMO, GDLE, BDFB, TXAR, JCT, LPAZ, LPZ. Includes station names, coordinates, and status.

NEIC 31 08:55:22.1, 36.66N-9.63W, MG3.9(MDD), Afer MDD. CSEM 31 08:55:22.0, 6.3665N-9.60W, h2km, ML3.1/9, Error ellipse: s-maj=11.0km s-min=7.6km az=30.0

MDD 31 08:55:22.1, 9.3665N-8.62W, mb3.9/2, Error ellipse: s-maj=16.9km s-min=12.6km az=40.0, PRXIMO, West of Gibraltar

Main table for 31d 9h with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Sao Teotonio, El Granado, Beja, Montemor, Loures, Concepcio, Badajoz, Espera, Tomar, Castelo Branco, Adamaz, Sonm, ESDC, ECAL, ECAL, ECAL, EINC, ASAR.

ADC 31 09:08:11.0, 13.0, 5.64N-94.70E, mb3.4/3, mb1 3.6/3, mb1mx3.4/1.7, mbtmp3.4/3, Error ellipse: s-maj=44.2km s-min=35.6km az=70.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Sonm, WRA, ASAR.

ADC 31 09:09:50.5, 0.7, 31.97N-40.51W, mb3.9/18, mb1 4.1/18, mb1mx4.0/24, mbtmp3.9/18, MS4.0/11, Ms1 4.0/11, ms1mx3.8/24, Error ellipse: s-maj=22.3km s-min=14.2km az=160.0

ISC 31 09:09:50.3, 0.6, 32.0N-1.0, 40.5W, 0.1, h10km, n23, 0573/13, mb4.0/18, MS4.0/11, Northern Mid-Atlantic

Table with columns: Ridge, Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like San Juan, Schefferville, Sonseca Array, SDV, DAVOX, ROSC, DIBOC, GERES, ULA, NORA, BDFB, FINES, AKASO, TXAR.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like PDAR, LPZ, YKA, YKA, BRTR, NVAR, ILAR, ILAR, BVAR, ZAL.

LDG 31 09:12:42.0, 0.2, 43.11N-0.68W, h2km, M1.9/2, Error ellipse: s-maj=6.5km s-min=3.0km az=110.0

MDD 31 09:12:44.1, 0.3, 43.02N-0.73W, mbL0.4/2, Error ellipse: s-maj=3.3km s-min=1.9km az=22.0, PRXIMO, Pyrenees

Main table for 2004 DEC with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ATE, ETSF, LARF, EALK, EBIE, EPBF, EPP, CMAR, SONM, ASAR, BRTR.

ADC 31 09:16:04.8, 1.7, 8.33N-92.83E, mb3.5/3, mb1 3.7/4, mb1mx3.5/1.8, mbtmp3.4/1.5, ML3.7/1, Error ellipse: s-maj=48.1km s-min=32.0km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Sonm, ASAR, BRTR.

ADC 31 09:21:41.0, 0.8, 17.78N-93.08E, mb4.1/13, mb1 4.3/14, mb1mx4.2/19, mbtmp4.1/14, ML4.5/1, MS4.2/1, Ms1 4.2/1, ms1mx3.2/27, Error ellipse: s-maj=33.0km s-min=15.6km az=48.0

ISC 31 09:21:40.6, 0.6, 17.84N-0.09, 93.14E, 0.06, h10km, n26, 0588/26, mb4.2/13, MS4.2/1, C, Bay of Bengal

Main table for 2004 DEC with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Sonm, ASAR, BRTR, CMAR, CHRT, PKI, GUN, DMN, KKN, KGN, KOLN, HYB, POO, SONM, ZAL, BVAR, WRA, BRTR, ASAR, KMBO, AKASO, MALIN, FINES.

Table with columns: ARCES, GERES, NB2, NOA, ILAR, YKA, TXAR. Includes station names, coordinates, and status.

ADC 31 09:21:40.8, 1.9, 4.27N-94.68E, mb4.1/5, mb1 4.3/5, mb1mx3.9/18, mbtmp4.1/5, Error ellipse: s-maj=174.3km s-min=22.9km az=46.0

ISC 31 09:21:40.3, 1.1, 5.4N-0.2, 95.9E, 0.2, h33km, m6, 01533/6, mb4.0/5, Northern Sumatara

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

BUI 31 09:23:37.3, 36.25N-82.47E, h9km, ML3.9, Southern Xinjiang

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

ADC 31 09:46:02.3, 5.5, 3.14N-93.39E, mb3.4/2, mb1 3.8/3, mb1mx3.6/18, mbtmp3.6/3, ML3.8/1, Error ellipse: s-maj=164.6km s-min=35.8km az=73.0, Off west coast of northern Sumatara

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

ADC 31 09:51:04.5, 0.4, 9.46N-93.74E, mb4.5/22, mb1 4.6/22, mb1mx4.6/24, mbtmp4.5/22, Error ellipse: s-maj=20.9km s-min=11.3km az=50.0

MOS 31 09:51:08.4, 0.9, 9.53N-93.71E, h33km, mb4.9/22, Error ellipse: s-maj=17.9km s-min=9.6km az=116.7

BUI 31 09:51:09.0, 9.60N-93.60E, h30km, mb5.2, mb4.6, Ms4.7, Ms2.8

NEIC 31 09:51:10.1, 0.7, 9.59N-93.64E, h30km, mb4.8/20, Error ellipse: s-maj=18.8km s-min=10.8km az=127.0

ISC 31 09:51:07.7, 0.3, 9.39N-0.05, 93.79E, 0.06, h33km, n111, 01907/106, mb4.6/46, MS4.6/22, 2C-2D, Nicobar Islands region

Main table for 1198 with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like CMAR, HYB, KMI, PKI, GUN, DMN, KKN, LSA, LSA, GKN, KOLN, GYA, ENH, NJ2, NJ2, NJ2, NJ2, KSH, KSH, KSH, ULHL, KZA, UCH, TKM2, AML, AAK, AAK, CHMS, EK2S, USNP, SONM, ZAK, MOY, TLY, ZAL, ZAL.

ADC 31 09:51:07.7, 0.3, 9.39N-0.05, 93.79E, 0.06, h33km, n111, 01907/106, mb4.6/46, MS4.6/22, 2C-2D, Nicobar Islands region







Table of seismic stations and their parameters for the 31 Dec 10h period. Includes columns for station name, location, coordinates, and various seismic parameters.

Table of seismic events for 2009 DEC. Includes columns for event name, location, coordinates, magnitude, and other seismic data.

Table of seismic stations and their parameters for the 31 Dec 10:15:05.625 period.

Table of seismic events for the 31 Dec 10:15:05.625 period, including station names and event details.

Table of seismic stations and their parameters for the 31 Dec 10:17:28.661 period.

Table of seismic events for the 31 Dec 10:17:28.661 period, including station names and event details.

Table of seismic stations and their parameters for the 31 Dec 10:21:01.510 period.

Table of seismic events for the 31 Dec 10:21:01.510 period, including station names and event details.

Table of seismic stations and their parameters for the 31 Dec 10:38:03.218 period.

Table of seismic events for the 31 Dec 10:38:03.218 period, including station names and event details.

Table of seismic stations and their parameters for the 31 Dec 10:47:28.467 period.

Table of seismic events for the 31 Dec 10:47:28.467 period, including station names and event details.





31d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASPA Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

2004 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU Arti, ERZM Erzurum, KIV Kislovodsk, etc.

1204

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, etc.

1205

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBA, GMNA, RUE, SNTG, ARV, FSSB, MNS, VET, FWI, WETZ, COLIM, etc.

2000 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like REVV, STV, RUF, RUP, RUF, RUF, RUF, etc.

31d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LAO, YFT, TPWA, LOHW, LUWH, WUWY, etc.

IDC 31 11:05:32.9-2.6,61.64S-47.37E,mb3.5/3,mb1 4.0/4, mb1mx3.8/18,mtbtp3.8/4,ML4.4/1, Error ellipse: s-min=70.5km s-min=32.6km az=153.0, South Indian Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW, MAW, MAW, SNA, SNA, ASAR, WRA, etc.

IDC 31 11:14:30.4-1.1,21.20N-92.62E,mb3.7/7,mb1 3.9/8, mb1mx3.8/19,mtbtp3.8/7,ML3.6/1,MS3.1/1,Ms1 3.3/1, ms1m=27.3/1, Error ellipse: s-maj=43.8km s-min=20.5km az=54.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, CMAR, SONM, SONM, BVAR, WRA, ASAR, FINES, GERES, NOA, etc.

IDC 31 11:19:44.5-1.3,74.78N-91.99E,mb3.8/7,mb1 3.9/8, mb1mx3.8/18,mtbtp3.8/8,ML3.8/1, Error ellipse: s-maj=37.2km s-min=24.6km az=44.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, CMAR, SONM, SONM, BVAR, WRA, ASAR, FINES, GERES, NOA, etc.

JMA 31 11:25:47.6-0.3,22.39N-121.96E,h33km TAP 31 11:25:41.9,22.60N-121.33E,h16km,1km,ML3.5, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ, HAJT, IRIS, JKRS, JKRS, JIJ, JIJ, JTJ, etc.





31d 12h

Table with columns: DAV TATO, Davao City (W) Taipei, 32.44 87 eP, P, 12 11 30.5 +1.9, 12 11 50.0 +1.6, FRU Bishkek, 39.93 3391 eP, P, 12 12 33.0 +1.1, 12 14 08.0, MDJ S, S, 12 21 03.8 +5.2

2004 DEC

Table with columns: FRU Bishkek, 39.93 3391 eP, P, 12 12 33.0 +1.1, 12 14 08.0, MDJ S, S, 12 21 03.8 +5.2

1208

Table with columns: MDJ S, S, 12 21 03.8 +5.2, MDJ S, S, 12 21 03.8 +5.2, MDJ S, S, 12 21 03.8 +5.2









31d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MUN Mundaring, KLB Kellerberrin, NWAO Narrogin (SRO), WRA Warramunga Arr, WB2 Warramunga Arr, ASPA Alice Springs, ASAR Alice Springs, BRTR Charters Tower, AKASO Malin Array Be, STKA Stephens Creek, FINES FINES Array B, KAF Kangasniemi, KEV Kevo, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors, NB2 NORSAR Subarra, NB2 NORSAR Subarra, MAW Maxson, ILAR Eielson Array, INK Inuvik, NVAR Mirna Array Bea, TXAR Lajitas Array, TXAR 0.97nm,0.8s,SNR=3.3.

IDC 31 12:13:26.2-1.0, 10.60N-90.62E, mb3.4/0.5, mb1 4.5/11, mb1mx4.3/20, mbtmp4.4/11, ML4.3/1, Error ellipse: s-maj=38.0km s-min=18.9km az=50.0, IDC 31 12:13:29.5-0.9, 10.7N,0.1x90.8E-0.1, h33km, n13, r050/13, mb4.3/11, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, ASPA Alice Springs, AKASO Malin Array Be, FINES FINES Array B, KAF Kangasniemi, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors, INK Inuvik.

IDC 31 12:17:00.2-2.6, 7.39N-94.07E, mb4.0/5, mb1 4.2/5, mb1mx3.8/18, mbtmp4.0/5, Error ellipse: s-maj=110.9km s-min=21.5km az=61.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, ASPA Alice Springs, TXAR Lajitas Array.

IDC 31 12:20:42.1-1.7, 6.69N-92.19E, mb3.5/3, mb1 3.8/4, mb1mx3.5/18, mbtmp3.5/4, ML3.5/1, Error ellipse: s-maj=65.0km s-min=30.9km az=48.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASPA Alice Springs, GERES GERES Array B.

IDC 31 12:25:45.9-1.4, 7.28N-93.64E, mb3.9/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, ML3.5/1, Error ellipse: s-maj=55.1km s-min=23.2km az=59.0, IDC 31 12:25:49.3-1.2, 7.3N,0.1x93.8E-0.2, h33km, n7, r05/35/7, mb3.8/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, ASPA Alice Springs, FINES FINES Array B, HFS Hagfors.

IDC 31 12:32:30.7-1.7, 7.26N-93.90E, mb3.7/5, mb1 3.9/5, mb1mx3.7/17, mbtmp3.7/5, Error ellipse: s-maj=73.0km s-min=24.1km az=58.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, ASPA Alice Springs, GERES GERES Array B.

IDC 31 12:37:25.0-2.1, 3.72N-93.66E, mb3.8/4, mb1 4.0/5,

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, BVAR Borovoye Array, HFS Hagfors.

IDC 31 12:40:57.9-1.8, 3.72N-94.27E, mb3.9/5, mb1 4.0/6, mb1mx3.8/19, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=71.9km s-min=21.6km az=58.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, ASPA Alice Springs, BVAR Borovoye Array, FINES FINES Array B, TXAR Lajitas Array.

IDC 31 12:45:54.0-1.0, 6.339N-96.09E, mb4.6/18, mb1 4.7/18, mb1mx4.6/22, mbtmp4.6/18, Error ellipse: s-maj=33.2km s-min=13.1km az=46.0, MOS 31 12:45:56.5-1.0, 3.35N-96.11E, h33km, mb5.1/23, Error ellipse: s-maj=15.9km s-min=8.7km az=115.3, BUJ 31 12:45:57.4, 3.14N,96.06E, h53km, mb6.2, mb5.1, NEIC 31 12:45:59.4, 0.4, 3.27N-96.07E, mb4.9/25, Error Ellipse: s-maj=12.6km s-min=7.9km az=225.0, IDC 31 12:45:57.6-0.3, 3.26N-100.05,96.08E-0.06, h41km, h41km, n4, 6km, pp-P, n124, r05/05/114, mb4.8/57, 2C-2D, Northern Sumatra

IDC 31 12:45:56.5-1.0, 3.35N-96.11E, h33km, mb5.1/23, Error ellipse: s-maj=15.9km s-min=8.7km az=115.3, BUJ 31 12:45:57.4, 3.14N,96.06E, h53km, mb6.2, mb5.1, NEIC 31 12:45:59.4, 0.4, 3.27N-96.07E, mb4.9/25, Error Ellipse: s-maj=12.6km s-min=7.9km az=225.0, IDC 31 12:45:57.6-0.3, 3.26N-100.05,96.08E-0.06, h41km, h41km, n4, 6km, pp-P, n124, r05/05/114, mb4.8/57, 2C-2D, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NST Nakthon Sawan, KKTK Khon Kaen, UBT Ubonsathathani, CM31 CMAR Chiang Mai Arr, QIZ Qizhongzhong, IMP Imphal, HYB Hyderabad, KMI Kunming, KMI Kunming, PKI Pulchab, GUN Gumba, DMN Damat, KKN Kakani, LSA Lhasa, LSA Lhasa, GKN Gorkha, KOLN Koldanda, ENH Enshi, DDI Dehra Dun, XAN Xi'an, XAN Xi'an, SDNR Sushanagar, GTA Gaotai, KAKA Kakadu, MUN Mundaring, HHC Hu-ho-hao-te, HHC HHC, KSH Kashi, KSH Kashi, BJT Baijiatau, BJT Baijiatau, BJT Baijiatau, BJI Beijing, BJI Beijing, WMQ Urumqi, WMQ Urumqi, KZA Kyzart, UCH Uchto, TKM2 Tokmak 2, KBL Karagaybulak, AMK Almayashu, AAK Ala-Archa, FRU Bishkek, CHMS Chumysh, EK2S Erkin-Say, WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WBP Warramunga Arr, WBP Warramunga Arr, MK02 Makanchi Arr, MK02 Makanchi Arr, SONM Songino Array, SONM Songino Array, ASPA Alice Springs, ASPA Alice Springs, ZAK Zakamensk, ZAK Zakamensk, MDJ Mudanjiang, MDJ Mudanjiang, ZAL Zalesovo.

1212

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PMG Port Moresby, NVS Novosibirsk, BVAO Borovoye Array, BVAR Borovoye Array, BRVK Borovoye Array, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CHZK Chkalovo, CHZK Chkalovo, KLR Kul'dur, KLR Kul'dur, STKA Stephens Creek, STKA Stephens Creek, BOD Bodaibo, GNI Garni, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, ZEI Tsey, ZEI Tsey, ARU Kislovodsk, ARU Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, MALT Malatya, MALT Malatya, MALT Malatya, MALT Malatya, EIL Eliat, EIL Eliat, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, SOC Yakutsk, SOC Yakutsk, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, BRTR Keskin Arr B, BRTR Keskin Arr B, LSZ Lusaka, LSZ Lusaka, MA2 Magadan, MA2 Magadan, OBN Obninsk, OBN Obninsk, OBN Obninsk, IDI Anoyia, IDI Anoyia, AKASO Malin Array B, AKASO Malin Array B, KOLS Kolonicse sedl, KOLS Kolonicse sedl, CRVS Crvenica-Dubn, CRVS Crvenica-Dubn, FINES FINES Array B, FINES FINES Array B, KAF Kangasniemi, KAF Kangasniemi, KECS Kevoco, KECS Kevoco, PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, VYHS Vyhne, VYHS Vyhne, MORC Moravsky Berou, MORC Moravsky Berou, ZST Bratislava, ZST Bratislava, ARCES ARCES Array B, ARCES ARCES Array B, GERES GERES Array B, GERES GERES Array B, KHC Kasperske Hory, KHC Kasperske Hory, HFS Hagfors, HFS Hagfors, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, LPG La Plagne, LPG La Plagne, LPG La Plagne, EKA Eskdalemuir Ar, EKA Eskdalemuir Ar, ILAR Eielson Array B, ILAR Eielson Array B, ILAR Eielson Array B, YKA Yellowknife Ar, YKA Yellowknife Ar.

Table with columns: ULM, Lac du Bonnet, 125.72, 9, PKP, PKPdf, 13 04 58.4 +3.3, etc.

Table with columns: WRA, Warramunga Arr, 14.83, 13, Pn, P, 12 59 27.7 -2.5, etc.

Table with columns: KMI, Kunming, 2.80, 109, PG, P, 12 57 41.5 -7.5, etc.

Table with columns: CHRT, Chiang Mai Arr, 13.71, 19, Op, Pn, 13 13 12.3 +2.0, etc.

Table with columns: CM31, Chiang Mai Arr, 13.71, 19, Op, Pn, 13 13 12.3 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 13.71, 19, P, P, 13 13 12.3 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 13.71, 19, P, P, 13 13 12.3 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 13.71, 19, P, P, 13 13 12.3 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 13.71, 19, P, P, 13 13 12.3 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 13.71, 19, P, P, 13 13 12.3 +2.0, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: WRAB, Tennant Creek, 46.77, 124, eP, P, 13 18 24.5 +0.2, etc.

Table with columns: PDAR, Pinedale Array, 127.36, 22, PKP, PKPdf, 13 28 59.8 +2.0, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.

Table with columns: TXAR, Lajitas Array, 141.35, 26, PKP, PKPdf, 13 29 21.8, etc.







31d 13h

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

2004 DEC

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

1216

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

comp=2.0,7nm,0.7s,baz=45,slow=2.1,SNR=6.0
ANMO Albuquerque 132.79 23 PKP PKPdf 14 18 44.5 +2.4
TXAR Lajitas Array 138.85 23 PKP PKPdf 14 18 55.7 +2.2

NEIC 31 13:59:59.9,37.11N-28.24E,h18km,mb4.1/2,
MD3.6(ATH),After ATH,
IDC 31 13:59:59.6,1.2,37.03N-28.22E,mb3.7/3,mb1 3.8/9,
mb1mx3.6/24,mbtmp3.7/9,ML3.6/6,Error ellipse:
s-maj=21.3km s-min=18.6km az=47.0,
CSEM 31 13:59:59.7,0.1,37.14N-28.27E,h2km,mb4.2/1,Error
ellipse: s-maj=1.7km s-min=1.4km az=30.0,
ATH 31 14:00:00.2,37.04N-28.19E,h20km,MD3.6/8
ISC 31 14:00:00.7,1.2,37.28N-28.25E,h12km,MD3.7,ML3.6
ISC 31 14:00:00.1,0.6,37.04N-0.02-28.24E,0.03,h10km,4km,
n53,+r105/68,mb3.4/3,Turkey

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

IDC 31 14:04:23.0,1.5,8.36N-91.43E,mb3.9/6,mb1 4.1/7,
mb1mx4.5/24,mbtmp3.9/7,ML3.7/1,Error ellipse:
s-maj=44.2km s-min=28.9km az=57.0,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Nicobar Islands region.

IDC 31 14:12:54.5,0.8,7.61N-91.94E,mb4.2/1/4,mb1 4.6/18,
mb1mx4.2/22,mbtmp4.2/15,ML4.3/1,Error ellipse:
s-maj=36.1km s-min=16.2km az=49.0,
ISC 31 14:12:57.9,0.6,7.3N-0.1,92.0E,0.1,h33km,n30,
+r146/30,mb4.3/18,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Nicobar Islands region.

0.4nm,0.5s,mb3.3,baz=196,slow=7.9,SNR=7.7
ZAL Zalesovo 46.84 354 P P 14 21 23.7 -2.8

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

IDC 31 14:16:00.1,0.9,13.44N-93.33E,mb4.2/9,mb1 4.3/10,
mb1mx4.1/20,mbtmp4.2/10,ML4.8/1,Error ellipse:
s-maj=38.1km s-min=16.5km az=63.0,
NEIC 31 14:16:05.1,0.5,13.65N-93.62E,h30km,mb4.3/7,Error
ellipse: s-maj=13.1km s-min=9.3km az=77.0,
Bul 31 14:16:06.1,13.60N-93.60E,h30km,mb4.2,
ISC 31 14:16:01.1,3.5,13.55N-0.07-93.56E,0.06,h15km,26km,
n29,+r69/23,mb4.2/17,Andaman Islands region

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

IDC 31 14:23:50.6,0.6,7.07N-91.79E,mb4.4/17,mb1 4.6/18,
mb1mx4.5/24,mbtmp4.4/18,ML4.5/1,MS4.0/2,M5.1 4/2,
ms1mx3.3/29,Error ellipse: s-maj=22.9km s-min=13.8km
az=36.0,
NEIC 31 14:23:56.4,0.3,7.15N-91.98E,mb4.6/21,Error ellipse:
s-maj=9.5km s-min=6.6km az=225.0,
Bul 31 14:23:56.3,7.20N-92.00E,h37km,mb4.6,
ISC 31 14:23:54.5,0.4,7.07N-0.06-91.97E,0.06,h37km,
h37km,n1.5km,pp-P,n80,+r69/273,mb4.7/41,MS4.6/1,
Nicobar Islands region

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

UCH Uchtor 38.27 339 P P 14 31 14.4 +1.4

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

CASC 31 14:35:19.9,2.3,12.51N-88.23W,h49km,67km,MD3.8,
ML3.5,4C-6D,Off coast of Central America

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





31d 14h

Table of satellite data for 31d 14h, listing stations like SRO, SRO1, SROK, etc., with their coordinates and signal quality metrics.

2004 DEC

Table of satellite data for 2004 DEC, listing stations like SQTA, SNTK, SNTA, etc., with their coordinates and signal quality metrics.

1220

Table of satellite data for 1220, listing stations like RRL, LPG, LPGA, etc., with their coordinates and signal quality metrics.



Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

1221 14:54:38.2, 0.7, 4.20N, 92.76E, mb4.5/20, mb1 4.6/21, mb1mx4.5/27, mbtmp4.9/21, ML4.4/1, MSS.0/1, Ms1 4.9/1, ms1mx4.6/5, Error ellipse: s-maj=28.5km s-min=13.8km az=38.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Hyderabad, Agartala, Goa, Bombay, Lohaghat, New Delhi, Pong, Thn, Songoing Array, Warrungu Arr, Alice Springs, ZAL, BVAR, GNI, STKA, MKR, EIL, ZFR, MBH, KSH, PRN, HM, MML, KMT, OFRI, BRTR, IDI, AKASG, MLR, MNR, FINES, KAF, KAC, DPC, ARCES, UPC, PRU, BSD, GERES, KHC, CLL, CLN, HFS, DAVOX, NB2, LPGA, EKA, ESCD, ULM, NVAR, PDAR, TXAR.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like SONGM, ZAL, BVAR, BRVK, CHKZ, GNI, KIV, WRA, MAL, YAK, ASAR, BRTR, AKASG, MLR, STKA, FINES, KAF, CRVS, PSZ, VYHS, SRO, OKC, MORC, ZST, LSZ, DPC, KSP, PRU, BRG, HFS, GERES, KHC, CLL, NB2, ILAR, INK, YKA, TXAR, SDV, JMIC, EKA, IMA, ESCD, DRV, ILAR, INK, YKA, TXAR, SDV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like WEL, LTZ, BHW, Baring Head, Baring Head, BHH, KIW, KIW, Cannon Pt, Cannon Point, MSWZ, Moikau Station, MSWZ, Paruwai Farm, MTW, Mount Morrison, MTW, Ngariki Road, MRZ, Mangatoinoka R, MRZ, Mangatoinoka R, DFE, Dawson Falls, DFE, Dawson Falls, CRLZ, Canterbury Las, CRLZ, Canterbury Las, NEZ, North Egmont, NEZ, North Egmont, WAZ, Wanganui, WAZ, Wanganui, WAZ, Waitaha Valley, WAZ, Waitaha Valley, RAEZ, Rainy Point, RAEZ, Rainy Point, MQZ, McQueen's Vall, MQZ, McQueen's Vall, VZV, Vera Road, VZV, Vera Road, BZF, Birch Farm, BZF, Birch Farm, RPZ, Rata Peaks, RPZ, Rata Peaks, TSZ, Takapari Road, TSZ, Takapari Road, CNZ, Chateau, CNZ, Chateau, MGZ, Maungaku, MGZ, Maungaku, FZG, Fox Glacier, FZG, Fox Glacier, HIZ, Hauti, HIZ, Hauti, PWZ, Panuani, PWZ, Panuani, BKZ, Black Stump Fm, BKZ, Black Stump Fm, LBZ, Lake Benmore, LBZ, Lake Benmore, ODD, Otahua Downs, ODD, Otahua Downs, JDC, Jackson Bay, JDC, Jackson Bay.

IDC 31 15:15:47.8-16.0, 6.17N:91.00E, mb3.6/2, mb1 3.8/3, mb1mx3.5/18, mbtmp3.5/3, ML3.1/1, Error ellipse: s-maj=334.3km s-min=54.4km az=93.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

IDC 31 15:18:16.8-16.0, 5.86N:90.26E, mb3.5/2, mb1 3.7/3, mb1mx3.3/18, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=355.9km s-min=57.6km az=94.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

IDC 31 15:25:13.9-6.1, 4.78N:92.23E, mb3.6/2, mb1 3.8/3, mb1mx3.5/18, mbtmp3.5/3, ML3.3/1, Error ellipse: s-maj=170.6km s-min=35.5km az=74.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

IDC 31 15:30:19.4-10.0, 3.15N:91.32E, mb3.5/2, mb1 3.6/3, mb1mx3.3/18, mbtmp3.3/3, ML3.1/1, Error ellipse: s-maj=207.5km s-min=54.4km az=114.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

IDC 31 15:34:52.7-8.1, 3.56N:93.82E, mb3.9/7, mb1 4.1/8, mb1mx3.9/19, mbtmp3.9/8, ML4.2/1, Error ellipse: s-maj=195.2km s-min=46.1km az=141.0, IDC 31 15:34:45.6-1.1, 2.5N:0.2-94.7E-0.2, h33km, n17, 1939/17, mb4.2/13, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

IDC 31 15:33:46.9-6.9, 3.88N:92.78E, mb3.3/2, mb1 3.7/3, mb1mx3.4/18, mbtmp3.4/3, ML4.0/1, Error ellipse: s-maj=194.8km s-min=38.9km az=73.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, PKI, DMN.

IDC 31 15:01:58.4-0.7, 14.15N:93.41E, mb4.4/20, mb1 4.6/21, mb1mx4.5/25, mbtmp4.4/21, ML4.7/1, MSS.1/1, MS1.5/1, ms1mx3.8/22, Error ellipse: s-maj=28.5km s-min=15.1km az=45.0

BJI 31 15:02:03.1, 14.56N:93.37E, h24km, mb5.2, mb4.8, MS5.3, MSz.0

NEIC 31 15:02:04.8-9.7, 14.52N:93.47E, h27km, mb6km, mb4.8/13, Error ellipse: s-maj=23.6km s-min=17.5km az=161.0

IDC 31 15:02:00.8-5.3, 14.26N:0.08-93.57E, 0.07, h24km, 37km, h23km, 2.1km, pp-P, n57, 1903/53, mb4.6/35, MS5.0/4, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, ENH, LZH, LZH, LZH.

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

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

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

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

IDC 31 15:09:51.7-1.1, 3.66N:95.44E, mb3.8/9, mb1 4.0/9, mb1mx3.9/18, mbtmp3.8/9, MS4.0/1, MS1.4/2, ms1mx3.4/27, Error ellipse: s-maj=61.5km s-min=18.2km az=52.0

IDC 31 15:09:54.4-0.9, 3.5N:0.2-95.3E-0.2, h33km, n11, 1915/10, mb3.9/9, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, SONGM, ASAR, ZAL, BVAR, STKA, AKASG, FINES, TXAR.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, WRA, ASAR.

NEIC 31 15:15:39.2, 41.27S:172.74E, h156km, After WEL. WEL 31 15:15:41.2-0.3, 41.31S:172.77E, h137km, 2km, ML3.7/9, 9C-10, Error ellipse: s-maj=1.6km s-min=1.6km az=0.0, South Island

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

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

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

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





Table with columns: IMA, Indian Mountain, 91.93, 22, eP, P, 16 28 51.9 +1.7. Includes stations like IMA, EADA, VANDA, SBA, ILAR, ILAR, YKA, YKA, YKA, MSO, BOZ, LOHW, NVAR, PDAR, ANMO, ANMO, TXAR, TXAR, JCT, BDBF, LPZ, LPZ, LPZ, OTAV, OTAV.

ICD 31 16:23:53.6:0.8, 9.57N-93.77E, mb4.0/10, mb1 4.2/11, mb1mx4.1/20, mbtmp4.0/11, ML3.9/1, Error ellipse: s-maj=36.7km s-min=17.5km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, PULCHOKI, GUN, DMN, KKN, GKN, KOLN, SONM, SONM, ZAL, BVAR, WRA, WRA, BRTR, MLR, FINES, ARCES, ARCES, GRES, LGP, PDAR, TXAR.

ICD 31 16:28:33.5:2.2, 6.10N-93.18E, mb3.5/5, mb1 3.6/6, mb1mx3.5/19, mbtmp3.4/6, ML3.0/1, Error ellipse: s-maj=79.0km s-min=23.3km az=62.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, SONM, WRA, WRA, ZAL, ASAR, BVAR, PDAR, TXAR.

ICD 31 16:34:23.8:1.0, 4.80N-94.72E, mb4.1/10, mb1 4.3/10, mb1mx4.1/10, mbtmp4.1/10, Error ellipse: s-maj=48.1km s-min=18.2km az=19.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, PKI, DMN, GUN, KKN, GKN, KOLN, UCH.

Table with columns: KBK, Karagaybulak, 41.70, 338, P, P, 16 42 15.9 +1.7. Includes stations like AML, EK52, USP, SONM, WRA, ZAL, BVAR, BRTR, AKAS, FINES, ARCES, GERES.

ICD 31 16:36:19.2:1.2, 6.43N-93.13E, mb4.0/6, mb1 4.1/7, mb1mx3.9/18, mbtmp3.9/7, ML3.9/1, Error ellipse: s-maj=45.1km s-min=20.2km az=54.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, SONM, ZAL, WRA, WRA, BRTR, FINES.

ICD 31 16:42:25.4:1.3, 3.92N-95.57E, mb3.9/7, mb1 4.0/8, mb1mx3.8/19, mbtmp3.8/8, ML3.0/1, Error ellipse: s-maj=58.3km s-min=20.3km az=56.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, WRA, ASAR, ZAL, BVAR, FINES, GERES.

ICD 31 16:48:17.1:1.0, 7.10N-92.05E, mb4.1/9, mb1 4.3/10, mb1mx4.0/19, mbtmp4.1/10, ML4.5/1, MS3.0/1, Ms1 3.2/1, ms1mx2.6/33, Error ellipse: s-maj=44.2km s-min=16.8km az=52.0

ICD 31 16:48:20.0:4.0, 7.2N-10.1, 92.2E-0.2, h33km, n16, 0569/16, mb4.5/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, PKI, DMN, GUN, KKN, GKN, KOLN, SONM, ZAL, BVAR, WRA, ASAR, STKA, FINES, KAF, GERES.

ICD 31 16:51:51.5:3.6, 0.91S-96.82E, mb3.7/4, mb1 3.8/4, mb1mx3.5/16, mbtmp3.7/4, Error ellipse: s-maj=136.6km s-min=29.7km az=54.0, Southwest of Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, SONM, ZAL, BVAR.

Table with columns: SOMM, Songino Array, 31.72, 17, P, P, 17 10 18.7 -1.7. Includes stations like WRA, ASAR.

ICD 31 17:08:31.3:5.3, 6.02N-91.55E, mb3.4/2, mb1 3.6/3, mb1mx3.4/18, mbtmp3.4/3, MS2.9/1, Ms1 3.1/1, mb1mx2.7/16, Error ellipse: s-maj=151.5km s-min=37.9km az=77.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, CMAR, SONM, ASAR.

ICD 31 17:10:47.4:0.5, 19.46N-146.53E, mb3.7/3, mb1 3.9/3, mb1mx3.5/18, mbtmp3.7/3, Error ellipse: s-maj=278.2km s-min=36.4km az=91.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, FINES.

ICD 31 17:18:47.2:0.7, 8.81N-92.30E, mb4.1/15, mb1 4.2/16, mb1mx4.1/22, mbtmp4.1/16, ML3.9/1, MS3.7/2, Ms1 3.8/2, ms1mx3.4/22, Error ellipse: s-maj=33.1km s-min=15.2km az=42.0

NEIC 31 17:18:51.5:3.1, 8.88N-92.79E, h30km, mb4.4/7, Error ellipse: s-maj=60.5km s-min=25.5km az=165.0

BJI 31 17:18:52.5, 8.90N-92.80E, h30km, mb4.7, Ms3.8, MS2.8, Error ellipse: s-maj=60.5km s-min=25.5km az=165.0

ICD 31 17:18:50.2:5.6, 8.80N-1.92E-0.1, h31km, n14, 0595/45, mb4.3/24, MS3.8/1, D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, CMAR, VIS, HYB, KMI, KMI, KMI, PKI, DMN, GUN, KKN, KOLN, LSA, GYA, GYA, CD2, DDI, ENH, LZH, LZH, LZH, GTA, GTA, GTA, KBK, TKM2, AML, AAK, EK52, USP, SONM, ZAL, BVAR, BRVK, CHKZ, WRA, ASAR, ASAR.

ICD 31 17:30:05.2:1.3, 20.58S-178.65W, h542km, 14km, mb4.5/15, Error ellipse: s-maj=18.7km s-min=11.1km az=182.0

ICD 31 17:30:02.3:1.4, 20.77S-108.178E, h578km, 18km, mb3.6/13, mb1 3.8/13, mb1mx3.7/16, mbtmp4.5/13, Error ellipse: s-maj=19.1km s-min=10.1km az=155.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, PKI, DMN, GUN, KKN, GKN, KOLN, UCH, WRA, SONM, ZAL, BVAR, STKA, FINES, KAF, GERES, HFS, NOA, DAVOS, ILAR.



31d 17h

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

CSEM 31 17:33:50.4, 34.24N-9.73E, h10km, MD3.7, After SBS
TUN 31 17:33:50.4, 34.24N-9.73E, h10km, MD3.7, Tunisia

IDC 31 17:36:32.2-5.0, 8.03N-92.69E, mb3.6/2, mb1 3.6/3,
mb1mx3.3/18, mbtmp3.3/3, ML3.5/1, Error ellipse:
s-maj=140.0km s-min=35.0km az=77.0, Nicobar Islands
region

2004 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for the 2004 DEC period.

IDC 31 17:38:47.2-1.9, 6.87N-93.05E, mb3.5/4, mb1 3.6/5,
mb1mx3.5/18, mbtmp3.4/5, ML3.4/1, Error ellipse:
s-maj=63.4km s-min=25.4km az=63.0, Nicobar Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for the IDC 31 17:38:47.2-1.9 period.

MOS 31 17:48:02.0-0.9, 4.80N-95.18E, h33km, mb5.6/78,
MS5.3/19, Error ellipse: s-maj=8.3km s-min=4.0km
az=124.7

NEIC 31 17:48:05.7-1.1, 4.73N-95.14E, h49km, mb5.4/108,
MW5.8, Error ellipse: s-maj=5.3km s-min=3.4km az=216.0,
Moment Tensor Solution. s26 Moment tensor: Scale 1017
Nm; Mr:1.89; Mb:1.48; Mw:3.37; Mh:3.25; Mo:0.01;
Mo-3.31; Best double couple: Mo:5.5x1017 NP1:302;
o2:281; 150; NP2:143; 879; 164; Principal axes: T
5.63, Plg49; Azm25; N.-3; Plg25; Azm149; P.-5.32,
Plg29; Azm254

HRVD 31 17:48:05.7-0.2, 4.68N-95.09E, h24km, MW5.9/62,
s60.0 moment Tensor Solution. LP body waves:
c60.0/c119/Mantle waves: s62/c123; Half duration: 2s
Moment tensor: Scale 1017Nm; Mr:1.02; Mo:0.6;
Mo-0.41; 0.5; Mw-0.61; 0.6; Mb:6.44; 2.0; Mo:0.31; 0.5;
Mo:6.84; 2.0; Best double couple: Mo:9.44x1017 NP1:
o3:326; 63; 100; NP2:137; 887; 190; Principal
axes: T 9.54, Plg48; Azm64; N.-2; Plg0; Azm137; P
-9.34, Plg42; Azm227; nsta1 refers to body waves,
cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

IDC 31 17:48:06.0-0.4, 4.83N-95.23E, h55km, mb3.6/124,
mb1 5.1/24, mb1mx5.1/24, mbtmp5.3/24, MS5.1/23,
Ms1 5.1/23, ms1mx4.9/28 Error ellipse: s-maj=15.2km
s-min=8.7km az=47.0

IDC 31 17:48:03.0-4.7, 4.74N-100.03-95.17E, 0.02, h44km, mb6.0,
h50km, 1.3km, p-P, n628, o1902/603, mb5.4/171, MS5.2/60,
75C-22D, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for the IDC 31 17:48:03.0-4.7 period.

1226

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for the 1226 period.



















2004 DEC

3120h

Table with columns: CMB, Columbia Colle, 74.31, 54, eP, P, 20 25 17.4 0.0, NKC, Novy Kostel, 82.11 329, eP, P, 20 25 59.7 0.0, etc.

1234

Table with columns: WMOK, Wichita Mounta, 89.70, 45, eP, P, 20 26 37.5 +0.3, QUIF, Quisticin, 89.72, 37, eP, P, 20 26 38.0 -0.2, etc.

10C 31 20:14:24.8, 1.0, 9.64N, 93.52E, mb4.1/5, mb1.1 4/36, mb1mx4.1/19, mbmp4.2/6, ML3.7/1, MS3.9/1, M1 3.9/1, ms1mx3.5/15, Error ellipse: s-maj=48.6km s-min=23.6km az=36.0

ISC 31 20:14:26.7, 1.9, 9.8N, 0.2-93.6E, 1.1, h22km=42km, n26, a1516/25, mb4.2/5, MS3.9/1, 2C, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBL Barber's Block, DWS Wesley, DWS Scott's Head, SEG Port Louis, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLS Valsamata, ITM Ithomi, EVR Eryvriana, KEK Kerkira, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BIPH Bislig, BUTP Butuan, BUKP Musuan, MATI Mati, PAGZ Pagadian, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UCH Uchto, KBK Karagaybulak, AML Almayasha, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RDF Al-Radifah, BVAR Borovoye Array, RST Umm Al-Ruwaisa, WRA Warrungarra Arr, etc.

MDD 31 21:02:09.8+1.0, 42.85N-1.40W, mbLg0.8/5, Error ellipse: s-maj=7.2km s-min=2.8km az=44.0, PRXIMO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LDG 31 21:02:09.3+0.6, 42.87N-1.42W, h3km, Mdl.9/2, MI1.8/1, etc.

IDC 31 21:03:05.0+7.5, 53.16S-140.72E, mb4.6/9, mb1 4.7/9, mb1mx3.9/14, Error ellipse: s-maj=25.7km s-min=18.8km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 31 21:03:07.4+7.5, 53.12S-140.53E, h10km, mb4.8/10, Error ellipse: s-maj=37.2km s-min=11.5km az=95.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOO Tolongai, CNB Charters Tower, CASY Casey, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, FINES FINESS Array B, MOC Moravsky Berou, KAF Kangasimie, etc.

IDC 31 21:18:56.8+1.2, 4.71N-94.02E, mb3.8/6, mb1 4.0/6, mb1mx3.8/17, mbtmp3.8/6, Error ellipse: s-maj=58.1km s-min=21.2km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PKI Pulchoki, DMN Daman, GUN Gumba, etc.

IDC 31 21:22:02.5+2.4, 2.83N-95.75E, mb3.6/4, mb1 3.8/5, mb1mx3.6/17, mbtmp3.7/5, MS3.6/2, Ms1 3.6/2, ms1mx3.3/20, Error ellipse: s-maj=89.8km s-min=23.5km az=61.0, Off west coast of northern Sumatra

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

IDC 31 21:34:06.8+0.9, 43.55N-105.18W, mb3.8/5, mb1 3.9/10, mb1mx3.6/22, mbtmp3.7/10, ML4.0/4, Error ellipse: s-maj=20.6km s-min=12.9km az=140.0, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, ANAR Albuquerque, NVAR Mina Araya, YBH Yreka Blue Hor, etc.

IDC 31 21:40:04.1+1.6, 13.72N-93.09E, mb3.6/2, mb1 3.7/3, mb1mx3.3/17, mbtmp3.3/12, Error ellipse: s-maj=51.2km s-min=32.1km az=44.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, VJD Vijayawada, ASAR Alice Springs, GERES GERES Array B, etc.

IDC 31 21:42:04.1+1.0, 7.00N-95.14E, mb3.5/3, mb1 3.7/3, mb1mx3.4/16, mbtmp3.5/3, Error ellipse: s-maj=363.5km s-min=33.1km az=71.0, Nicobar Islands region



Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like ASPA Alice Springs, ASAR Alice Springs, ASAR comp=Z,4.0nm,0.7s, etc.

Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like KAF Kangasniemi, KAF comp=Z,11nm,0.9s,mb4.8, KAF Kangasniemi, CRVS Cervenica-Dubn, etc.

Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like EVIA comp=Z,1.1nm,0.9s,mb5.2, EVIA Vianos, EQES Quesada, etc.

ADC 31 22:13:04.8,9.2,32.705:69.98W,h67km,69km,mb3.7/5, mb1 3.9/6, mb1mx3.7/12, mbmtmp3.9/6, ML4.6/1, Error ellipse - s-maj=71.0km s-min=30.1km az=15.0 NEIC 31 22:13:09.0,32.485:70.19W,h110km,mb4.6/2, M4.4 GUC 31 22:13:07.0,0.4,32.485:70.19W,h110km,3km,ML4.4 ISC 31 22:13:08.0,0.4,32.485:02.70,17W,0.08,h113km,4km, n43,+071.65,mb3.8/6,15C-8D,Chile-Argentina border region

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

31d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Jose de Ma, Pirque, Illapel, Talagante, Instituto Hidir, Combarbala, Chadas Angostu, Las Cruces, El Canelo, Longovio, Tololo Astrono, Talca, Vallena, Traqui, Limon Verde, Brasilia, Neumayer-Stat, Neumayer-Watz, Lajitas Array, Dimbock, Pinedale Array, Mina Array Bea, Malin Array Be, Warramunga Arr, Borovoye Array.

IDC 31 22:22:27.8-1.5, 2.59N-95.54E, mb4.2/6, mb1 4.3/7, mb1mx4.0/17, mbtmp4.2/7, ML4.4/1, Error ellipse: s-maj=65.7km s-min=21.0km az=56.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, Warramunga Arr, Alice Springs, Songino Array, Borovoye Array, ARCES Array B, HFS Hagfors.

IDC 31 22:27:1.0-0.9, 5.19N-93.31E, mb4.1/8, mb1 4.3/9, mb1mx4.0/19, mbtmp4.0/9, ML3.5/1, Error ellipse: s-maj=47.0km s-min=17.5km az=53.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songino Array, Warramunga Arr, Alice Springs, Borovoye Array, Stephens Creek, Muntele Rosu, FINESS Array B, GERES Array B.

PRU 31 22:23:34.3, 51.44N-16.09E, IDC 31 22:23:34.5, 51.1, 51.40N-16.19E, mb1 3.1/4, mb1mx3.1/17, mbtmp3.0/4, ML2.7/4, Error ellipse: s-maj=17.5km s-min=9.3km az=126.0, NEIC 31 22:23:35.2, 1.2, 51.1, 38N-15.97E, h3km, ML2.9(VIE), ML2.3(BRG), Error ellipse: s-maj=15.5km s-min=7.9km az=220.0, WAR 31 22:23:34.4, 51.45N-16.09E, h1km, ML2.9, 2C, Mining Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ksiaj, Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, LGTI, PTH, NDI, SONI, SONM, BVAR, WRA, ASAR, MLR, STKA, FINESS Array B, GERES Array B.

2004 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Raciborz, Moravsky Berou, Collim, Ostrava-Krasne, Vranov, VRAC, NKC, NKK, NNC, OJC, KJC, KHC, KHK, GERES Array B, GERES, SMOL, SMOL, NIE, NIE, VYHS, VYHS, MOA, MOA, ARSA, ARSA, AKASG, AKASG, FINESS Array B, FINESS Array B.

IDC 31 22:27:15.0-0.5, 5.90N-92.23E, mb3.6/3, mb1 3.8/4, mb1mx3.5/17, mbtmp3.5/6, ML3.8/1, Error ellipse: s-maj=159.0km s-min=29.5km az=75.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Songino Array, Warramunga Arr, Alice Springs.

IDC 31 22:30:22.7-1.4, 14.42N-93.44E, mb3.6/4, mb1 3.8/5, mb1mx3.5/17, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=33.8km s-min=24.9km az=52.0, IDC 31 22:30:25.7, 1.1, 14.5N-93.45E, h3km, n26, 0.92/26, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nakhon Sawan, Nakhon Sawan, Chiang Mai Arr, Songino Array, Alice Springs, FINESS Array B, GERES Array B.

IDC 31 22:31:06.7-0.7, 8.28N-93.28E, mb4.1/4, mb1 4.2/15, mb1mx4.2/19, mbtmp4.1/15, ML4.8/1, Error ellipse: s-maj=27.0km s-min=17.8km az=45.0, IDC 31 22:31:10.0-0.7, 8.3N-93.4E, h3km, n26, 0.92/26, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, LGTI, PTH, NDI, SONI, SONM, BVAR, WRA, ASAR, MLR, STKA, FINESS Array B, GERES Array B.

IDC 31 22:31:09.2-0.6, 10.11S-112.73E, mb3.3/3, mb1 3.5/3, mb1mx3.4/12, mbtmp3.3/3, Error ellipse: s-maj=112.5km s-min=27.2km az=49.0, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Sonsea Array, Eielson Array, Inka, WRA, SONI, FINESS Array B, FINESS Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ksiaj, Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, LGTI, PTH, NDI, SONI, SONM, BVAR, WRA, ASAR, MLR, STKA, FINESS Array B, GERES Array B.

1238

STR 31 22:55:57.8-0.5, 42.96N-0.11E, h10km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 31 22:55:58.9-0.1, 42.96N-0.14E, h5km, M2.2, M12.0, Error ellipse: s-maj=1.3km s-min=1.0km az=12.0, MDD 31 22:55:59.2-0.3, 42.97N-0.14E, h7km, 4km, mbLg1.1/10, Error ellipse: s-maj=2.0km s-min=2.0km az=57.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Labassere, Labassere, Esparros, Ens, Ens, Bielsa, Bielsa, Melf, Melf, Melf, Etsauf, Etsauf, Ste Jean, Ste Jean, Alurutz, Alurutz, Sacrasio, Sacrasio, Miracle, Miracle, Manta, Manta, Poble, Poble, Horta de San J, Horta de San J, LFF, LFF, Calvac, Calvac, Les Rejaudoux, Les Rejaudoux, Saint Martin d, Saint Martin d, Saint-Julien-l'Ormeau, Saint-Julien-l'Ormeau.

IDC 31 22:57:25.3-5.3, 6.43N-92.91E, mb3.6/3, mb1 3.9/4, mb1mx3.6/17, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=156.3km s-min=28.6km az=75.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songino Array, Warramunga Arr, Alice Springs.

GUC 31 23:02:26.2-1.0, 25.73S-70.43W, h42km, 6km, MD3.8, ML4.2, 2D, Near east of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cerro Paranal, Copiapo, Antofagasta, Antofagasta, Yallena, Yallena, Limon Verde, Limon Verde, Tololo Astrono, Tololo Astrono.

IDC 31 23:01:05.2-1.1, 13.52N-92.92E, mb3.6/5, mb1 3.8/6, mb1mx3.6/17, mbtmp3.5/6, ML3.9/1, Error ellipse: s-maj=33.3km s-min=22.2km az=55.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Warramunga Arr, Alice Springs, FINESS Array B, FINESS Array B, GERES Array B, GERES Array B.

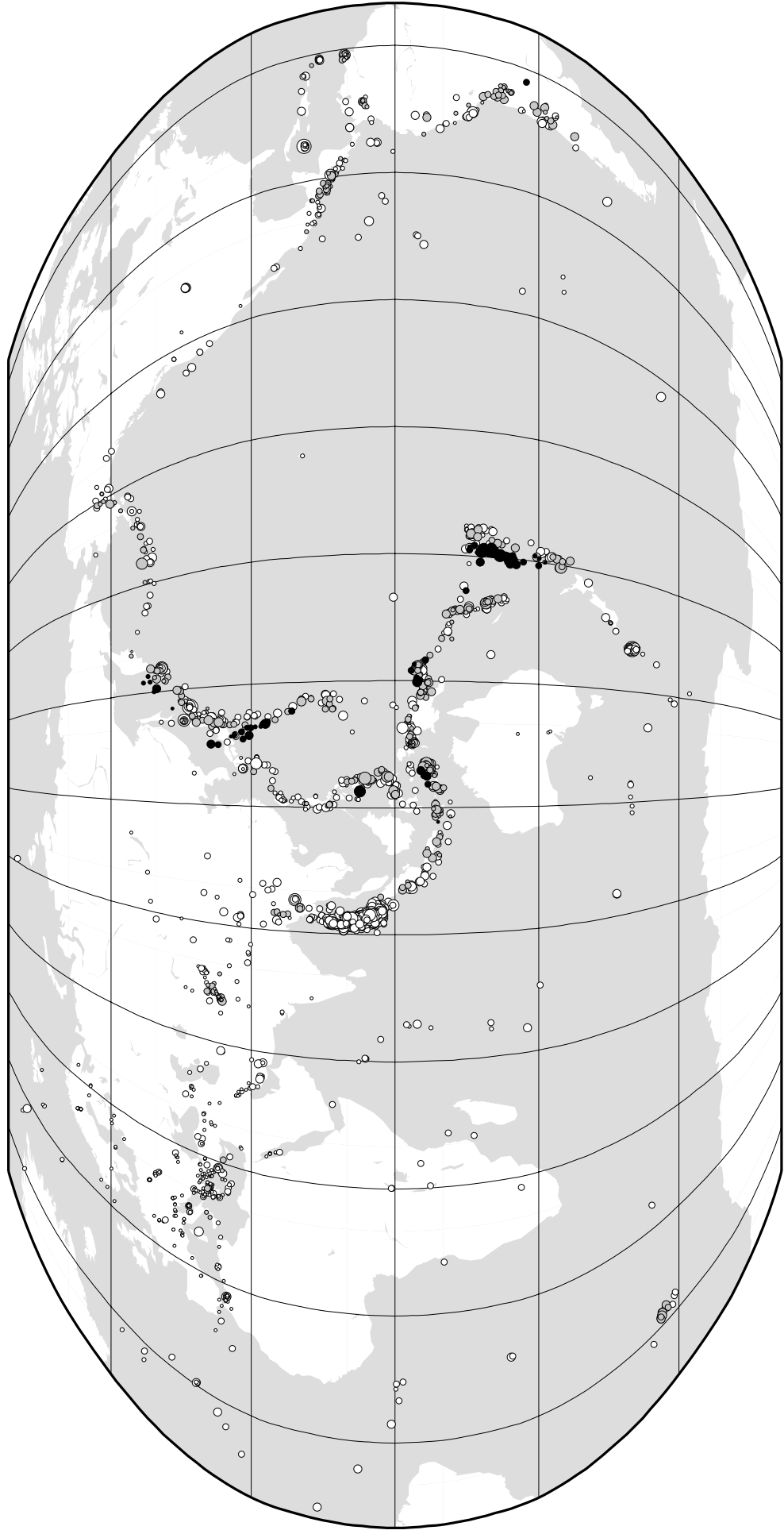
IDC 31 23:05:17.9-0.8, 13.09N-92.30E, mb4.1/9, mb1 4.3/10, mb1mx4.1/17, mbtmp4.1/10, ML4.1/1, Error ellipse: s-maj=34.1km s-min=16.7km az=51.0, NEIC 31 23:05:23.0-0.9, 13.21N-92.47E, h30km, mb4.3/7, Error ellipse: s-maj=25.2km s-min=16.3km az=57.0, BUJ 31 23:05:21.3, 12.97N-92.88E, h37km, mb5.2, mb4.4, IDC 31 23:05:21.3-0.7, 13.05N-0.07-92.39E, 0.08, h33km, n30, 0.84/31, mb4.3/19, 1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Pulchoki, Daman, Gumba, Kakani, Gorkha, Koldanda, LGTI, PTH, NDI, SONI, SONM, BVAR, WRA, ASAR, MLR, STKA, FINESS Array B, GERES Array B.





# ISC Computed Locations for December 2004



Robinson Projection, centred on 0°N, 130°E

