

## ACKNOWLEDGEMENTS

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

### MEMBERS

The National Science Foundation of the United States.  
(Grant No. EAR-0128053).  
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.  
KMS, Geodetic Seismic Division, Denmark.  
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 Geográfico 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.  
Nuclear Information Centre, Atomic Energy Organisation of Iran.  
Geological Survey Department, Cyprus.  
National Institute for Earth Physics, Romania.  
Istituto Nazionale di Geofisica e Vulcanologia, Italy.  
Instituto Nacional de Prevencion Sismica, Argentina.  
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

### ASSOCIATE MEMBERS

Munich Reinsurance Company.

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

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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, n15/2/1, mb4.4/9, 1C, South of Fiji Islands

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

NEIC 01 00:03:08.9; 1.8, 24.58S; 179.97W, h489km, 20km, mb4.7/21, Error ellipse: s-maj=12.5km s-min=9.9km az=205.0

IDC 01 00:03:08.7; 1.3, 24.63S; 179.94E, h490km, 11km, mb3.8/7, mb1 4.2/8, mb1mx4.1/9, Error ellipse: s-maj=20.1km s-min=12.5km az=155.0

ISC 01 00:03:09.1; 2.24, 24.60S; 0.05; 179.91E; 0.07, h499km, 14km, n133, c104/64, mb4.5/29, 4C-14D, South of Fiji Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: NOA, NORSAR Array B 142.76 351 PKP, PKPdf, 00 21 42.4 -1.8. Lists seismic stations and their parameters.

Table with columns: KRSC 01 00:08:09.0; 1.0, 49.63N; 156.44E, h19km, 13km, ML4.0, Kuril Islands. Lists seismic stations and their parameters.

Table with columns: NEIC 01 00:36:52.1, 19.38N; 64.45W, h25km, MD4.1 (RSPR), After RSPR. Lists seismic stations and their parameters.

Table with columns: IDC 01 00:51:51.5; 10.0, 37.43N; 71.75E, mb3.7/3, mb1 3.7/6, mb1mx3.6/15, ML3.0/3. Lists seismic stations and their parameters.

0.8nm, 1.0s, mb3.4, baz=100, slow=7.1, SNR=3.1

NEIC 01 00:52:20.7, 0.404N; 38.75E, h21km, ML3.7 (ISK), After ISK. Lists seismic stations and their parameters.

ISC 01 00:52:21.7; 0.5, 40.01N; 0.04; 38.72E; 0.04, h21km, n21, c093/29, 2C, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

BUI 01 00:56:53.0; 51.29N; 177.41W, h65km, mb4.4, mb4.5, Ms4.2, Ms4.2

NEIC 01 00:56:54.3; 0.61; 51.64N; 177.65W, h52km, 2km, mb4.2/8, ML3.9(AEIC), Error ellipse: s-maj=13.2km s-min=5.9km az=184.0

IDC 01 00:56:54.8; 2.7, 51.56N; 177.64W, h62km, 23km, mb3.6/10, mb1 3.9/11, mb1mx3.7/21, ML3.6/1, MS3.2/1, Ms1 3.3/1, ms1mx2.7/24, Error ellipse: s-maj=31.2km s-min=14.3km az=177.0

ISC 01 00:56:53.6; 0.7, 51.6N; 0.1; 177.66W; 0.06, h61km, 4km, n48, c080/53, mb4.1/17, Andrianto Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.





1d 1h

2004 JAN

Table of astronomical observations for 2004 JAN, columns 1-4. Includes stations like FCC, LCCM, MCMT, etc. and objects like Fort Churchill, Lewis and Clark, etc.

Table of astronomical observations for 2004 JAN, columns 5-8. Includes stations like SOC, SCHO, SCHO, etc. and objects like E.20nm,0.7s, etc.

Table of astronomical observations for 2004 JAN, columns 9-12. Includes stations like GEC2, GEC2, GERES, etc. and objects like GERESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MCGN Macounaga, HRI Mount Hermon, SSF Saint Saulte, etc.

Table with columns: NVL, N'lazarevskaya, ePKPKP, pmax, PKPdf, pmax, etc. Includes stations like SNAAS Sanae, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES GRESSARY Arr B, IDC 01 02:19:40.6, etc.

1d 3h

2004 JAN

Table with multiple columns containing flight information: Airline, Flight Number, Class, Price, Status, and other details. Includes airlines like WTP, CHNA, TWT, etc., and destinations like Ta-pu, Tsauhsan, Tachien, etc.









1d 4h

Table of station data for the first 4 hours. Columns include station name, frequency, power, and other technical details. Includes stations like SMOL, CLL, CLL, CLL, CLL, etc.

2004 JAN

Table of station data for the year 2004. Columns include station name, frequency, power, and other technical details. Includes stations like HAU, BBS, BBS, BBS, etc.

10

Table of station data for the remaining 10 hours. Columns include station name, frequency, power, and other technical details. Includes stations like PVRL, PVIS, MTE, PBEJ, etc.





Table with columns for station call letters, frequency, time, and other details. Rows include stations like BJJ, ANM, TIA, SSE, HHC, ULN, etc.

Table with columns for station call letters, frequency, time, and other details. Rows include stations like QIZ, WMQ, KMI, MKAR, KURK, BBB, ALE, etc.

Table with columns for station call letters, frequency, time, and other details. Rows include stations like ARU, JIRN, DPW, KKN, PKI, DKN, NEW, etc.

Table with columns: Station, Frequency, Power, Mode, and Signal Quality. Includes stations like VRSR, WRSR, HYB, HFS, WRA, WRR, MNK, KONO, GOF, KAD, LAZ, ANMO, KIV, KIV, SUW, LPM, ZEI, ZEI, ZEI, ZEI, ZEI, BNM, TZI, TZI, ASAR, ASAR, ASPA, BSD, BSD, BSD, COP, COP, COP, SCH, SCH, SOC, SOC, SOC, MUD, MUD, MUD, MUD, GNI, GNI, GNI, CPX, GDL, SIM, SIM, SIM.

Table with columns: Station, Frequency, Power, Mode, and Signal Quality. Includes stations like TVAN, ERMZ, BSEG, KIS, KIS, KIS, RUE, RUE, QJC, WMOK, NIE, NIE, KSP, KSP, KSP, BIN, BIN, CRVS, CRVS, RAC, RAC, OKK, OKK, OKK, BEST, UPIC, UPIC, DPC, DPC, CLL, CLL, CLL, MOR, LTX, LTX, LTX, TXAR, TXAR, VRI, VRI, BRG, BRG, BRG, BRG, BRG, BRG, BRG, BRG, KECS, KECS, BOYT, BOYT, PVEC, ELZG, SVST, HARR, HARR, SADO, MLR, MLR, MLR, VRAC, VRAC, PRU, PRU, ISR, ISR, BAL, PSZ, PSZ, PSZ, CTKT, MOX, MOX, MOX, MOX, MOX, MOX, MOX, MODS, SRO, SRO, ZST, ZST, ZST, JCT, ELDT, BNN, KHC, KHC, KHC, GRA, GRA, GRF, GRF, WET, WET, WET, GEC, GEC, GEC, GEC, GERS, GERS, GERS.

Table with columns: Station, Frequency, Power, Mode, and Signal Quality. Includes stations like GERES, GERES, GERES, PRD, GZT, TNS, TNS, AVNT, LOD, UMR, MIB, MIB, MIB, SDH, ZOH, TOD, SIND, MOA, ABH, SW, WCI, ARSA, JMB, NAY, NAY, RUP, RUP, RUF, RUF, GIF, GIF, GIF, GIF, HDH, HDH, STU, STU, STU, BAIF, BAIF, BAIF, LANP, LANP, PERS, PERS, PERS, ESKE, GROS, BUCH, BUCH, KBA, KBA, KBA, DIM, DIM, DIM, BFO, BFO, BFO, BFO, WATA, WATA, WATA, GUT, GRUS, SPK, UBR, MOTA, MOTA, CDF, CDF, CDF, SOTA, SOTA, SOTA, OXF, OXF, OXF, VTS, FVL, PTCC, LIBD, ECH, RZN, KIZ, FELD, DAVA, HASS, MEZF, MEZF, MOF, HAU, HAU, HIN, HIN, HIN, MMB, KKB, DAVOS, DAVOS, DAVOS, DAVOX, BBS, BRMO, CTI, SWET, SKO, SAKT, VLV, VLV, FLN, FLN, FLN, FLN, LDF, DNZL, CPCT, PWV.





Table of astronomical observations for 1d 7h, listing station names, codes, times, and magnitudes.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

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Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table of astronomical observations for 1d 07:04:20.4-0.9, 77.79N-116.71W, h18km, ML3.0/3, 190km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, GERES GERES Array B, etc.

BUJ 01 07:40:58.5, 47.41N, 153.81E, h4km, mb4.5, IDC 01 07:41:00.4, 0.7, 46.97N, 154.00E, h38km, 4km, mb3.8/14, mb1.4, 0/14, mb1mx3.9/19, Error ellipse: s-maj=18.7km, s-min=14.7km, az=132.0

NEIC 01 07:41:01.0, 4.0, 4.7, 02.Nk:154, 17E, mb4.4/15, Error ellipse: s-maj=19.5km, s-min=12.8km, az=154.0

ISC 01 07:41:01.0, 0.6, 47.28N, 0.09, 154.1E, 0.1, h38km, h38km, 1.5km, pP, n60, i, f148/59, mb4.3/30, 2C, Kuril Islands

Main table of station data for the Kuril Islands region, including stations like PET Petropavlovsk, YSS Yuzh-Sakhalins, MA2 MA2, MAJO Matsushiro, etc.

STR 01 07:46:10.6, 0.1, 44.13N, 6.95E, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km, s-min=0.0km, az=1.0

Table of station data for the NEIC region, including stations like TOUF Mont Tournerai, MVIF Mont Vial, STV Anna Valdi, etc.

NEIC 01 07:47:29.7, 6.0, 20.47S, 178.28W, h532km, 74km, mb3.9/4, Error ellipse: s-maj=42.5km, s-min=19.3km, az=177.0

IDC 01 07:47:31.0, 5.8, 20.53S, 178.25W, h547km, 70km, mb3.2/6, mb1.3, 6/7, mb1mx3.5/9, Error ellipse: s-maj=42.6km, s-min=22.6km, az=169.0

ISC 01 07:47:26.4, 0.6, 20.33S, 0.2, 178.4W, 0.2, h500km, n18, 0.82/13, mb3.7/10, Fiji Islands region

Table of station data for the Fiji Islands region, including stations like URZ Urewera, SNZO South Koror, ASAR Alice Springs, etc.

NEIC 01 08:14:50.6, 45.13N, 5.84E, h2km, Ml1.8(LDG), After STR 01 08:14:50.6, 0.2, 45.13N, 5.84E, h2km, 1km, Error ellipse: s-maj=0.0km, s-min=0.0km, az=1.0

LDG 01 08:14:51.2, 0.1, 45.14N, 5.85E, h2km, Ml2.1/5, Ml1.8/5, Error ellipse: s-maj=2.4km, s-min=2.1km, az=166.0

ISC 01 08:14:49.7, 0.4, 45.13N, 0.02, 5.81E, 0.03, h2km, n12, i, f104/23, France

Table of station data for the France region, including stations like GRN Grenoble, ORIF Oris-en-Rattie, GDM Grand'Maison, etc.

Table of station data for the Loyalty Islands region, including stations like LMR Signal de Mont, SMF Signal de Mont, AVF Avril sur Oa, etc.

IDC 01 08:15:56.4, 0.8, 21.96S, 169.16E, mb4.6/7, mb1.4, 8/8, mb1mx4.7/11, ML3.8/1, MS3.9/7, Ms1 3.9/7, ms1mx3.8/11, Error ellipse: s-maj=29.1km, s-min=23.9km, az=149.0

NEIC 01 08:15:57.9, 0.2, 22.01S, 169.29E, h10km, MB5.0, MS4.5, MS4.5, Error ellipse: s-maj=8.6km, s-min=7.0km, az=136.0

SYO 01 08:15:57.8, 22.01S, 169.29E, h10km, MB5.0, MS4.5, BUI 01 08:15:59.1, 21.39S, 169.13E, h10km, MB5.0, mb4.9, MS4.9

ISC 01 08:15:58.7, 3.1, 22.00S, 0.06, 169.22E, 0.06, h25km, 21km, n80, 0.88/48, mb4.8/28, MS4.2/18, 13C, 10D, Southeast of Loyalty Islands

Main table of station data for the Southeast of Loyalty Islands region, including stations like DZM Mont Dzumak, CTM Charters Tower, RPZ Rata Peaks, etc.



Table with columns for call sign, frequency, power, mode, and coordinates. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, and MAJO Matsushiro.

Table with columns for call sign, frequency, power, mode, and coordinates. Includes stations like MAJO Matsushiro, MDJ Mudanjiang, and YAK Yakutsk.

Table with columns for call sign, frequency, power, mode, and coordinates. Includes stations like NVS, WMO Kurum, and MKAR Makanchi Array.

1d 11h

2004 JAN

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2, NOA, HFS, WRA, POO, KAD, KIV, ANMO, TI2, ASAR, SOC, GNI, SIM, KWP, TRD, RUE, OUE, NIE, KSP, CRVS, OKK, UPC, DPC, CLL, MORC, BRG, KECS, BOYT, PVCC, TXAR, ELZG, HARR, HARR, VRAC, MLR, MLR, MLR, PRU, KOLL, ISR, PSZ, PSZ, PSZ, CMXK, COTK, MOX, MOX, MOX, SMOL, MDCS, SRO, ZST, ELDT, JCT, KHC, GRA1, GRF, GERES, GERES, GZT, SZH, MOA, KBD, ARSA, NAY, RDF, GIVF, PERS, ESKT, KBA, KBA, OBKA, ULDT, WATA.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WATA, MOTA, CDF, SQT, SQT, MEZF, SQT, SQT, CABF, SSF, SSF, SGFM, AVF, AVF, SMF, SMF, BGF, BGF, BGF, LPL, LPL, LPL, LPL, LPL, ORIF, ORIF, ORIF, ARRS, VIVF, VIVF, VIVF, MZLS, SBF, SBF, SBF, CAF, CAF, PRNI, LFF, LFF, HITJ, LMR, LMR, LMR, LMR, MBH, ELI, AFFS, KRIS, JMOS, ALWS, TBKS, JMOS, HAQS, KBR5, BDAS, TAYS, TATS, DJNS, ESDC, CPUP, CPUP, SNAI, VNAI, VNAI, YKA, YKA, PDAR, PDAR, TXAR.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR, ILAR, MKAR, NEIC, Code, Station Name, A, Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes sections for NEIC 01, NEIC 01 10:49:00.9, NEIC 01 10:49:00.9, NEIC 01 10:49:00.9, and NEIC 01 11:13:29.2.

NEIC Felt at Paso Robles.

IDC 01 11:13:29.5.2.5, 35.69N-120.77W, mb3.4/3, mb1 3.6/8, mb1mx3.5/20, ML3.4/5, MS3.0/1, Ms1 3.0/1, ms1mx2.7/16, Error ellipse: s-maj=36.6km s-min=26.3km az=152.0

ISC 01 11:13:25.8.1.2, 35.57N-120.121.2W, 0.1, h33km, n25, o=1503/27, mb3.8/2, Central California

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

IDC 01 11:14:10.7.1.0, 23.64N-103.41E, mb3.9/8, mb1 4.0/8, mb1mx3.9/14, MS3.6/1, Ms1 3.6/1, ms1mx2.8/21, Error ellipse: s-maj=76.4km s-min=18.8km az=57.0

BUI 01 11:14:12.0, 23.39N-102.89E, h17km, mb3.7, ML3.9, MS3.7

NEIC 01 11:14:13.1.6.0, 23.28N-102.99E, h18km-40km, mb4.2/3, Error ellipse: s-maj=16.4km s-min=13.6km az=78.0

PLV 01 11:14:17.5.0.9, 22.71N-103.18E, MD4.2

ISC 01 11:14:09.6.0.4, 23.27N-102.102.0E, 0.04, h15km, n39, o=1543/72, mb3.9/11, MS3.6/1, Yunnan

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

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

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

IDC 01 11:27:56.4.3.2, 46.90N-153.85E, mb3.8/9, mb1 4.0/9, mb1mx3.8/20, Error ellipse: s-maj=85.3km s-min=28.0km az=177.0

NEIC 01 11:28:03.8.1.9, 47.15N-153.81E, h40km, Error ellipse: s-maj=52.4km s-min=17.0km az=179.0

ISC 01 11:28:02.7.2.4, 47.3N-153.8E, 0.2, h40km, n12, o=84/12, mb3.8/9, Kuril Islands

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

IDC 01 11:34:39.3.0.9, 47.05N-154.25E, h40km-7km, mb3.5/9, mb1 3.7/9, mb1mx3.5/20, Error ellipse: s-maj=27.4km s-min=19.3km az=146.0

ISC 01 11:34:37.4.1.0, 47.11N-154.2E, 0.2, h40km, (h40km-1.0km) p-P, n9, o=87/9, mb3.7/9, Kuril Islands

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

IDC 01 11:37:04.0.4.1, 3.14S-131.04E, mb3.6/2, mb1 3.9/3, mb1mx3.8/9, ML4.0/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/8, Error ellipse: s-maj=291.0km s-min=28.8km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, Warrungga Arr, Alice Springs, etc.

MOS 01 12:04:01.0.1, 8.57.40N-121.40E, h14km, mb4.0/1, Error ellipse: s-maj=34.9km s-min=22.3km az=59.6

ISC 01 12:03:59.8.1.0, 57.39N-109.121.45E, 0.08, h14km, n9, o=88/12, Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CRS, Chara, Chul'man, etc.

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

NEIC 01 12:06:54.1.0.4, 2.93N-79.17W, h10km, mb4.5/12, Error ellipse: s-maj=12.1km s-min=8.6km az=64.0

IDC 01 12:06:59.7.4.0, 3.02N-79.09W, h52km-35km, mb3.8/10, mb1 4.0/11, mb1mx3.9/18, ML2.6/1, MS3.2/2, Ms1 3.2/2, ms1mx3.0/21, Error ellipse: s-maj=27.0km s-min=20.4km az=62.0

ISC 01 12:06:55.5.3.7, 2.94N-0.05-79.13W, 0.07, h31km, 27km, h31km, 1.5km, p-P, n39, o=124/34, mb4.3/21, MS3.3/1, South of Panama

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

IDC 01 12:07:04.0.4.1, 3.14S-131.04E, mb3.6/2, mb1 3.9/3, mb1mx3.8/9, ML4.0/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/8, Error ellipse: s-maj=291.0km s-min=28.8km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, Warrungga Arr, Alice Springs, etc.

WEL 01 12:13:10.6.1.3, 36.09S-176.92E, h33km, ML3.8/1, Error ellipse: s-maj=12.4km s-min=9.8km az=90.0

ISC 01 12:13:10.6.1.3, 36.25S-176.92E, 0.3, h33km, n4, o=60/6, Off east coast of North Island

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

IDC 01 12:25:59.8.1.3, 16.22S-173.21W, mb3.9/5, mb1 4.2/5, mb1mx3.9/12, MS3.7/3, Ms1 3.7/3, ms1mx3.3/20, Error ellipse: s-maj=56.7km s-min=24.8km az=133.0

ISC 01 12:26:03.1.1, 16.25S-173.3W, 0.3, h33km, n8, o=87/4.5, mb3.9/5, MS3.7/3, Tonga Islands

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

MOS 01 12:26:29.6.1.4, 54.90N-110.60E, h9km, mb4.0/1, Error ellipse: s-maj=24.1km s-min=11.8km az=58.0

BYKL 01 12:26:29.3.0.2, 55.06N-110.58E, h4km, 4km, 6C-1D, Lake Baykal region







1d 14h

Table listing stations, codes, station names, coordinates, phases, and times for the 1d 14h section.

NEIC 01 14:03:08.0, 35.111 309 P

NEIC Felt at Paso Robles.

NEIC 01 14:03:10.6, 31.1, 35.70N; 120.97W, M.L3.6(NCEDC), After

NEIC 01 14:03:07.0, 1.4, 35.7N; 120.97W, m1, m3/1, mb1 3.5/4,

NEIC 01 14:03:07.0, 1.4, 35.7N; 120.97W, m1, m5, 11/16, 10/16,

Table listing stations, codes, station names, coordinates, phases, and times for the 1d 14h section.

NEIC 01 14:05:38.1, 3.7, 70.74N; 14.31W, mb3.5/7, mb1 3.8/10,

NEIC 01 14:05:40.1, 1.0, 70.79N; 14.28W, h10km, Error ellipse:

NEIC 01 14:05:38.1, 3.7, 70.93N; 10.10x14.2W; 0.4, h10km, n15,

NEIC 01 14:05:38.1, 3.7, 70.93N; 10.10x14.2W; 0.4, h10km, n15,

Table listing stations, codes, station names, coordinates, phases, and times for the 1d 14h section.

NEIC 01 14:06:17.9, 37.20S; 177.97E, h99km, ML.4.4(WEL), After

NEIC 01 14:06:18.0, 0.5, 37.21S; 177.83E, h106km, ML.4.4/W,

NEIC 01 14:06:19.7, 1.4, 37.80S; 177.83E, h137km, Mb3.7/2,

NEIC 01 14:06:19.9, 0.7, 37.50S; 177.70E; 0.07, h106km,

Table listing stations, codes, station names, coordinates, phases, and times for the 1d 14h section.

2004 JAN

Main table listing station data for 2004 JAN, including codes, station names, coordinates, phases, and times.

MAN 01 14:08:55.8, 12.26N; 123.89E, h14km, mb4.6, M.L3.5,

MAN 01 14:08:55.8, 12.26N; 123.89E, h14km, mb4.6, M.L3.5,

Table listing stations, codes, station names, coordinates, phases, and times for the 2004 JAN section.

NIED 01 14:30:00, 47.40N; 154.10E, h20km, Mw4.3 Best double

NIED 01 14:30:00, 47.40N; 154.10E, h20km, Mw4.3 Best double

24

Table listing stations, codes, station names, coordinates, phases, and times for the 24-hour section.

MOS 01 14:30:39.2, 1.4, 47.22N; 154.08E, h33km, mb4.6/22, Error

MOS 01 14:30:39.2, 1.4, 47.22N; 154.08E, h33km, mb4.6/22, Error

MOS 01 14:30:39.2, 1.4, 47.22N; 154.08E, h33km, mb4.6/22, Error

MOS 01 14:30:39.2, 1.4, 47.22N; 154.08E, h33km, mb4.6/22, Error

Table listing stations, codes, station names, coordinates, phases, and times for the 24-hour section.

Table with columns: ILAR, Eielson Array, 35.98 39 P, P, 14 37 36.2 -1.6, etc. Lists various astronomical observations with station names, coordinates, and times.

Table with columns: NOA, comp=Z, 7.0nm, 0.8s, mb4.7, pmax, pmax, etc. Lists astronomical observations with station names, coordinates, and times.

Table with columns: MKAR, Makanchi Array, 47.03 297 eP, P, 14 45 16.9 -0.4, etc. Lists astronomical observations with station names, coordinates, and times.



Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NOZ, MGZ, OIZ, CNZ, TUWZ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CRVS, MRL, MLR, NIE, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TOO, TOO, ULN, ULN, GKN, etc.

ICD 01 18:24:23.0, 0.7, 5.05N-127.27E, mb4.7/12, mt1 4.8/12, ...

MOS 01 18:24:28.0, 1.1, 5.08N-127.03E, h33km, mb5.0/15, Error ellipse: s-maj=27.7km s-min=9.1km az=110.5

NEIC 01 18:24:35.0, 3.0, 5.02N-127.08E, h85km, mb4.5/19, Error ellipse: s-maj=13.7km s-min=6.6km az=67.0

BUI 01 18:24:35.0, 5.00N-127.10E, h48km, mb4.6, mb4.9, Ms4.2, ...

ISC 01 18:23:42.1, 0.5, 0.00N-105.126, 97.0, 0.09, h73km, g8km, n90, c1403/93, mb4.5/45, 1C-7D, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other technical details. Includes stations like GSPH, KCP, BIPH, etc.

CASC 01 18:39:19.5, 2.3, 8.37N-82.81W, h18km, 5.5km, MD4.4, 875.23, L-79.65

NEIC 01 18:39:22.5, 2.0, 8.51N-82.53W, h68km, 25km, mb4.4/14, Error ellipse: s-maj=28.5km s-min=13.7km az=222.0

NOA 01 18:39:25.8, 3.9, 8.85N-82.60W, h179km, 35km, mb3.79, mt1 3.9/10, mt1 mx3.8/18, MS3.5/1, Mt1 3.5/1, mb1 3.9/10, Error ellipse: s-maj=47.1km s-min=20.7km az=36.0

ISC 01 18:39:15.6, 0.6, 8.14N-106.82, 85W-0.03, h18km, n51, c1943/59, mb4.1/20, 8C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other technical details. Includes stations like PTP1, PTP1, DVP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Tortuguero, Azuero, Jicaral, Fortuna, Altos, Univ. de Panam, La Cruz, Otavalo, Eal Rosal, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Acapulco, El Cayaco, Platanillo, Waramunga Arr, etc.

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Sierra Loja, Malaga-Limoner, Agron, Luque, Cogollos-Vega, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Calabar, Lobios, Arriadas, Severo-Kuril's, Kuril'sk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRVK Borovoye, SPITS Spitsbergen Ar, SHL Shilong, etc.

Code Station Name Az AzZ Phase ID Time Res h m s ISC
URZ Urewera 7.31 202 Op P 19 14 20.0 -0.5

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

Code Station Name Az AzZ Phase ID Time Res h m s ISC
PTEO Sao Teotonio 0.31 327 Pg Pg 19 13 52.4 +0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
PTEO Sao Teotonio 0.31 327 Pg Pg 19 13 52.4 +0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALC Alcatraz, EGRO El Granado, etc.

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ESPR Esperanza 2.17 100 Lg 19 14 58.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 44.65 259 P 19 24 31.4 0.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 44.84 254 P 19 24 32.7 0.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR 0.5mm, 0.6s, baz=105, slow=3.8, SNR=5.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
TXAR Lajitas Array 85.56 58 P 19 28 47.8 +0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
NOA NORSAR Array B 67.92 342 P 19 20 26.4 +1.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
DZM Mont Dzumac 2.81 270 eP Pn 19 20 41.4 +0.9

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 32.82 267 P 19 26 28.9 -1.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 22.19 162 Op P 19 36 40.9 -3.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 25.59 165 P 19 37 16.7 -0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 49.64 256 Op P 19 51 58.4 -1.8

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 49.97 251 P 19 52 00.6 -2.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ILAR Eielson Array 81.86 11 P 19 55 25.4 -1.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MIYI Miyako 2 0.18 186 Op P 19 48 15.6 +0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JTH Tanohata 0.19 4 P S 19 48 22.0 -0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JOM Ohasama 0.51 237 Op P 19 48 18.2 +0.2

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JOM Ichinoseki 0.94 212 Op P 19 48 23.3 +0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JAH Hinai 1.03 295 Op P 19 48 24.6 +0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JTM Tenmabayashi 1.19 330 Op P 19 48 26.6 -0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SKR Severo-Kuril's 3.63 21 eP S 20 29 24.9 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SKR Severo-Kuril's 3.63 21 eP S 20 29 24.9 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SKR Severo-Kuril's 3.63 21 eP S 20 29 24.9 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SKR Severo-Kuril's 3.63 21 eP S 20 29 24.9 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
INK Inuvik 40.82 33 eP P 20 36 09.9 +1.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 47.29 297 P 20 36 59.0 -1.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
KURK Kurchatov 47.62 304 eP P 20 37 01.4 -1.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
RES Resolute Bay 50.09 19 eP P 20 37 22.8 +0.9

Code Station Name Az AzZ Phase ID Time Res h m s ISC
LSA Lhasa 50.92 273 eP P 20 37 29.2 +0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
BVAR Borovoye Array 51.03 309 P 20 37 28.0 -1.2

Code Station Name Az AzZ Phase ID Time Res h m s ISC
BRVK Borovoye 51.07 310 eP P 20 37 29.9 -1.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
KKN Kakani 56.51 276 eP P 20 38 06.8 -0.2

Code Station Name Az AzZ Phase ID Time Res h m s ISC
DANN Danging 56.78 277 eP P 20 38 11.9 +0.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
NOA NORSAR Array B 67.92 342 P 19 20 26.4 +1.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
NOA NORSAR Array B 67.92 342 P 19 20 26.4 +1.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 72.95 199 P 20 39 54.0 -2.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CLL Collim 76.24 333 eP P 20 40 16.0 +1.1

Code Station Name Az AzZ Phase ID Time Res h m s ISC
LTX Lajitas Array 76.63 61 P 20 40 17.0 -0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
KHC Kasperske Hory 78.03 335 eP P 20 40 27.0 +2.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC
GERES Geres Array B 78.25 335 P 20 40 27.9 +1.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
GERES Geres Array B 78.25 335 P 20 40 27.9 +1.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 22.80 160 P 20 43 34.9 -2.8

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 26.17 164 P 20 44 09.7 -0.3

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 31.76 250 P 21 02 48.5 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 33.08 243 P 21 02 58.8 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CVP Callao Caves 52.00 303 eP P 21 05 32.3 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ILAR Eielson Array 83.23 18 P 21 08 48.0 -0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 22.80 160 P 20 43 34.9 -2.8

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 26.17 164 P 20 44 09.7 -0.3

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 31.76 250 P 21 02 48.5 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 33.08 243 P 21 02 58.8 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CVP Callao Caves 52.00 303 eP P 21 05 32.3 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ILAR Eielson Array 83.23 18 P 21 08 48.0 -0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 22.80 160 P 20 43 34.9 -2.8

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 26.17 164 P 20 44 09.7 -0.3

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 31.76 250 P 21 02 48.5 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 33.08 243 P 21 02 58.8 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CVP Callao Caves 52.00 303 eP P 21 05 32.3 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ILAR Eielson Array 83.23 18 P 21 08 48.0 -0.5

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 22.80 160 P 20 43 34.9 -2.8

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 26.17 164 P 20 44 09.7 -0.3

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MKAR Makanchi Array 59.83 326 P 19 41 51.6 -2.4

Code Station Name Az AzZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 31.76 250 P 21 02 48.5 +0.6

Code Station Name Az AzZ Phase ID Time Res h m s ISC
ASAR Alice Springs 33.08 243 P 21 02 58.8 -0.7

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CVP Callao Caves 52.00 303 eP P 21 05 32.3 -0.7

1d 20h

2004 JAN

Table with columns for flight code, destination, time, status, and price. Includes flights like KKM Kota Kinabalu, KGM Kuala Lumpur, ZMHP Zamboanga City, etc.

Table with columns for flight code, destination, time, status, and price. Includes flights like GYA GUMAO, GUMAO GUMAO, GUMAO GUMAO, etc.

Table with columns for flight code, destination, time, status, and price. Includes flights like LZHZ Lanzhou, LZHZ Jiri, LZHZ Mangalore, etc.





Table with columns: SOC, eSS, SS, 21, 28, 13, 2, -2.2, 21, 31, 41.5, -2.6. Includes entries like GZT Gaziantep, BDAS Al Bad, DUSS Damascus Univ, etc.

Table with columns: TRO, comp, AMS, AMS, 22, 02, 27.2, 21, 13, 20.0, +6.9. Includes entries like COLA College, ILAR Eielson Array, KRES Cresnevjevc, etc.

Table with columns: ULM, comp, AMS, AMS, 22, 02, 27.2, 21, 13, 20.0, +6.9. Includes entries like ISCO Idaho Springs, SDCC Great Sand Dun, ANMO Albuquerque, etc.





Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like YMR, OTAV, QMFT, HOPS, WVOR, etc.

Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like EMMW, PQL, FCI, FCC, RPN, etc.

Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like TRSB, TRESINA, TUBUAI, ANM, TNA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PET, PBEJ, PBEJ, PBEJ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ECGO, EQES, ETSF, LFF, EHUE, WAKE, WAKE, WAKE, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YAK, YAK, YAK, DAVOS, DAVOS, DAVOS, etc.

Table with columns: CRVS, VAE, KLR, LKR, MOS, OBNS, etc. containing station names, coordinates, and various data points.

Table with columns: WMQ, SKS, SKS, TATO, WHN, XAN, etc. containing station names, coordinates, and various data points.

Table with columns: CUD, KGM, TRD, etc. containing station names, coordinates, and various data points. Includes sub-sections for Mexico and South of Fiji Islands.





2004 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like GRR, FLN, LDF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like CRVS, BOD, VRSR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like CANT, CAIG, WRA, etc.

2d 3h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like HFS Hagfors, SHL Shilling, GUN Gumba, etc.

IDC 02 01:28:58.42,3.51,13Nk:178.19E,mb3.8/12,mb1 3.9/13, mb1mx3.8/23,ML3.1/1,MS4.1/1,Ms1 4.1/1,ms1mx3.1/23, Error ellipse: s-maj=56.8km s-min=22.8km az=5.0

NEIC 02 01:28:59.5,1.1,51.08N:178.16E,h10km,mb4.2/1, Error ellipse: s-maj=27.8km s-min=8.7km az=190.0

ISC 02 01:28:56.4,6.0,50.9N:0.2,178.2E,0.2,h6km,36km,n17, +070/13,mb3.8/13,MS4.1/1, Rai Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ADK Adak, FX1 Adak, FX1 Adak, etc.

INMG 02 01:30:46.3,0.8,36.60N:8.01W,h13km,4km,ML1.7, Error ellipse: s-maj=5.3km s-min=3.8km az=82.0

MDD 02 01:30:46.7,1.4,36.60N:7.97W,h22km,21km,mbLg2.0/10, Error ellipse: s-maj=21.5km s-min=6.1km az=30.0, PRXIMO

NEIC 02 01:30:49.1,36.68N:7.54W,MM1.8(MDD),After MDD, ISC 02 01:30:45.5,0.9,36.75N:0.06,7.78W,0.04,h10km,n34, +131/63,2C, Strait of Gibraltar

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like PALC Alcouthin, EGRO EI Granado, PTEO Sao Teotónio, etc.

2004 JAN

Table with columns: EQES, Quesada, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like EQES Quesada, ESDC Sonseca Array, etc.

DJA 02 01:46:32.2,1.1,8.53S:115.93E,h37km,11km,ML3.5/1, 2C-4D, Error ellipse: s-maj=34.0km s-min=13.6km az=143.0, Bali region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KEDI Kedomdong, RATI Rata, INGI Ingas, etc.

NEIC 02 02:20:20.0,43.10N:0.42W,h2km,ML1.7(LDG), After LDG, LDG 02 02:20:20.0,0.1,43.10N:0.42W,h2km,Md1.9/2,MI1.7/2, Error ellipse: s-maj=3.1km s-min=2.0km az=151.0

MDD 02 02:20:20.2,0.5,43.07N:0.37W,h6km,3km,mbLg0.9/6, Error ellipse: s-maj=3.3km s-min=2.0km az=20.0, PRXIMO

ISC 02 02:20:18.4,0.8,43.14N:0.04,0.38W:0.04,h12km,10km, n15, +0682/17, Pyrenees

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like REYF Montagne du Re, ETSF Etsaut, FDFAF Les Forges d'A, etc.

IDC 02 03:05:12.4,5.1,38.30N:73.32E,h99km,40km,mb3.6/12, mb1 3.8/14,mb1mx3.7/19,MS3.4/1,Ms1 3.4/1, ms1mx2.8/22, Error ellipse: s-maj=37.6km s-min=20.6km az=3.0

NMC 02 03:05:18.8,5.2,39.35N:73.36E,mpv3.7, Error ellipse: s-maj=59.7km s-min=23.7km az=25.0

MOS 02 03:05:20.2,1.4,38.51N:73.33E,h180km,mb4.0/8, Error ellipse: s-maj=18.7km s-min=11.2km az=100.1

NEIC 02 03:05:21.8,2.2,38.42N:73.19E,h181km,20km,mb4.2/2, Error ellipse: s-maj=17.7km s-min=10.3km az=210.0

ISC 02 03:05:13.5,0.4,38.37N:0.03,73.43E:0.09,h127km,6km, n5, +121/63,mb3.8/14,2C-1D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like AML Almayashu, UCH Uchto, KZA Kyzart, etc.

40

Table with columns: CHKZ Chkalovo, LSA Lhasa, NVS Novosibirsk, etc. Includes station names, times, residuals, and codes.

ARCES ARCES Array B 40.19 336 P P 03 12 39.0 +0.6

HFS Hagfors 42.83 321 P P 03 13 00.0 +0.1

HFS Hagfors 42.83 321 P P 03 13 00.0 +0.1

GERES GERES Array B 43.47 304 P P 03 13 05.3 +0.1

NOA NORAS Array B 44.09 322 P P 03 13 09.1 -1.0

DAVOS Davos 46.40 302 P P 03 13 28.4 -0.3

DAVOS Davos 46.44 302 P P 03 13 28.4 -0.6

KMBO Klumba Bogob 51.52 229 LR LR 03 37 40.2

ESDC Sonseca Array 58.30 298 P P 03 14 56.3 -0.9

INK Inuvik 71.74 10 P P 03 16 24.4 +1.4

INK Inuvik 71.74 10 P P 03 16 24.5 +1.5

ILAR Eielson Array 72.45 17 P P 03 16 27.8 +0.6

ILAR Eielson Array 72.45 17 P P 03 16 27.8 +0.6

YKA Yellowknife Ar 79.28 4 P P 03 17 07.1 +1.5

YKA Yellowknife Ar 79.28 4 P P 03 17 07.1 +1.5

YKA Yellowknife Ar 79.28 4 P P 03 17 07.1 +1.5

WRA Warramunga Arr 81.37 124 P P 03 17 18.2 +0.5

IDC 02 03:38:26.5,1.8,5.69S:141.27E,mb3.6/1,mb1 4.2/3, s-min=14.0,ML3.7/2, Error ellipse: s-maj=155.0km

ISC 02 03:38:29.9,1.6,5.75S:0.2,141.4E:0.4,h33km,n4,+134/61, mb3.7/1, New Guinea

KAKA Kakadu 11.25 231 eP P 03 41 11.5 0.0

WRA Warramunga Arr 15.70 205 P P 03 42 08.2 -2.1

WRA Warramunga Arr 15.70 205 P P 03 42 08.2 -2.1

ASAR Alice Springs 19.23 201 P P 03 42 54.4 +0.2

ASAR Alice Springs 19.23 201 P P 03 42 54.4 +0.2

ILAR Eielson Array 87.48 24 P P 03 51 15.6 +0.5

IDC 02 03:49:54.1,1.7,45.44S:167.01E,mb4.1/2,mb1 4.4/4, mb1 3.8/14,mb1mx3.7/19,MS3.8/1,Ms1 3.8/1,ms1mx3.2/10, Error ellipse: s-maj=67.5km s-min=23.0km az=170.0

NEIC 02 03:49:58.8,45.05S:166.85E,h22km,ML5.1(WEL), After WEL, WEL 02 03:49:59.5,0.4,45.04S:166.97E,h22km,2km,ML5.0/12, Error ellipse: s-maj=3.4km s-min=2.1km az=90.0

ISC 02 03:49:59.2,1.2,44.95S:0.05,166.98E:0.07,h32km,9km, n5, +109/52,mb4.2/4,MS3.9/2,D, Off west coast of South Island

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, WHZ Wether Hill, etc.

Table with station names (DIW, MRW, OTW, etc.), coordinates, and other data.

Table with station names (PRK, IZM, KDAG, etc.), coordinates, and other data.

NEIC 02 04:15:37.5, 38.67N-26.58E, h15km, MD3.4(ATH), MD3.3(ISK), After ISK.

Table with station names (GTA, LZH, BTO, etc.), coordinates, and other data.

Table with station names (HHC, ULN, ENH, etc.), coordinates, and other data.

Table with station names (JIRN, KKN, PKI, etc.), coordinates, and other data.

IDC 02 04:18:32.0:1.9, 1.06N-126.08E, mb4.1/3, mb1 4.3/3, mb1mx4.2/8, Error ellipse: s-maj=185.0km

Table with station names (WRA, ASAR, ASPA, etc.), coordinates, and other data.

IDC 02 04:26:56.4:1.5, 38.40N-101.45E, mb3.5/4, mb1 3.8/5, mb1mx3.7/15, ML2.8/1, Error ellipse: s-maj=67.3km

Table with station names (HHC, HHC, HHC, etc.), coordinates, and other data.

NEIC 02 04:30:59.1:2.0, 2.13N-125.83E, mb3.4/3, mb1 3.7/3, mb1mx3.6/9, MS4.2/1, Ms1 4.2/1, ms1mx3.0/10, Error ellipse: s-maj=181.0km

Table with station names (JMA, NEIC, HRVD, etc.), coordinates, and other data.

IDC 02 04:18:32.0:1.9, 1.06N-126.08E, mb4.1/3, mb1 4.3/3, mb1mx4.2/8, Error ellipse: s-maj=185.0km

Table with station names (JAK, JOB, JCH, etc.), coordinates, and other data.

IDC 02 04:26:56.4:1.5, 38.40N-101.45E, mb3.5/4, mb1 3.8/5, mb1mx3.7/15, ML2.8/1, Error ellipse: s-maj=67.3km

Table with station names (ASAJ, ASAJ, KUR, etc.), coordinates, and other data.

Table with station names (YSS, YSS, YSS, etc.), coordinates, and other data.



Table with columns for station call signs (e.g., ARCES, KTK1, TRO), frequencies, and various status indicators (e.g., pmax, MLR, eP).

Table with columns for station call signs (e.g., SOC, DUG, DUG), frequencies, and various status indicators (e.g., MLR, MFR, eP).

Table with columns for station call signs (e.g., JMQS, KBRS, TBKS), frequencies, and various status indicators (e.g., P, P, P, P).

IDC 02 04:45:32.4, 2.5, 13.29S, 167.77E, mb4.2/4, mb1 4.3/4, mb1mx4.1/9, MS4.1/1, MS1 4.4/1, ms1mx3.2/18, Error ellipse: s-maj=142.0km s-min=32.6km az=142.0



Table with columns: BILL, Station, Time, Res, and various codes. Includes entries for SNY, JUNU, HIA, BOD, etc.

Table with columns: ARCES, Station, Time, Res, and various codes. Includes entries for FCC, GZ, HDU, etc.

Table with columns: Station, Time, Res, and various codes. Includes entries for BAIF, KBA, WATA, etc.

IDC 02 05:59:32.2, 3.670S, 129.566E, mb3.5/1, mb1 3.9/3, mb1mx3.9/6, ML3.7/2, Error ellipse: s-maj=144.0km, s-min=32.1km az=68.0, Banda SEA

DJA 02 06:07:10.51, 1.851S, 115.888E, h30km, 12km, MD4.8/4, ML4.5/1, 2C-5D, Error ellipse: s-maj=31.9km, s-min=9.5km az=148.0, Bali region

CASC 02 06:14:38.5-2.1, 8.34N, 82.87W, h18km, 7km, MD3.6, MW4.0, 3C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PRS1, VPS2, CGA2, TRTC, JCR.

NEIC 02 06:20:31.9, 19.00N-69.06W, h25km, MD4.0(RSPR), After RSPR.

RSPR 02 06:20:31.9, 19.00N-69.06W, h25km, 31km, M4.0, 15C-5D, Dominican Republic region.

Main table listing station data for the Dominican Republic region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

NEIC 02 06:22:46.7, 23.19S-68.88W, h150km, After GUC.

GUC 02 06:22:46.7, 23.19S-68.88W, h150km, M4.6, 1C, Northern Chile.

Table listing station data for the Northern Chile region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

INET 02 06:31:52.7, 12.20N-86.78W, h109km, MD3.2, ML2.9.

CASC 02 06:31:52.7, 12.20N-86.78W, h109km, 4km, MD3.6, ML3.0, Nicaragua.

Table listing station data for the Nicaragua region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

IDC 02 06:38:43.7, 2.4, 49.94N-179.38E, mb3.8/10, mb1.4/11, mb1mx3.9/22, ML3.4/1, Error ellipse: s-maj=54.1km, s-min=22.9km az=10.0.

NEIC 02 06:38:51.8, 1.5, 50.25N-179.69E, h45km, mb3.9/1, Error ellipse: s-maj=33.4km, s-min=15.9km az=172.0.

ISC 02 06:38:45.3, 3.0, 50.1N-179.39E, 0.0, h21km, 22km, n18, c098/21, mb3.8/11, Rat Islands.

Main table listing station data for the Rat Islands region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

NEIC 02 06:40:20.7, 35.65N-121.08W, h4km, ML3.7(NCEDC), After NCEDC.

IDC 02 06:40:24.0, 3.0, 35.94N-121.33W, mb3.6/1, mb1.3/7.4, mb1mx3.5/17, ML3.2/3, Error ellipse: s-maj=42.8km, s-min=26.7km az=156.0.

ISC 02 06:40:17.7, 35.5N-121.2W, 0.1, h4km, n13, c1813/15, mb3.6/1, Central California.

Table listing station data for the Central California region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table listing station data for the 2022 JAN period. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

NEIC 02 06:44:31.4, 35.70N-121.06W, h5km, ML3.5(NCEDC), After NCEDC, Central California.

Table listing station data for the Central California region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISK 02 06:51:18.5, 37.71N-26.89E, h9km, MD3.3.

NEIC 02 06:51:19.0, 0.6, 37.60N-26.76E, h25km, MD3.3(ISK), ML3.0(A/H), Error ellipse: s-maj=9.7km, s-min=6.6km, az=122.0.

ATH 02 06:51:29.1, 36.98N-25.05E, h32km, MD3.3/4, ML3.0.

ISC 02 06:51:18.5, 0.5, 37.66N-26.69E, 0.05, h25km, n28, c1918/37, 4C, Dodecanese Islands.

Main table listing station data for the Dodecanese Islands region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

BJJ 02 07:34:31.2, 21.29S-170.44E, h10km, mb4.8.

IDC 02 07:34:33.0, 60.2, 133S-169.89E, mb4.1/5, mb1.4/4.6, mb1mx4.3/9, ML3.6/1, MS4.0/5, MS4.1/4.0/5, mb1mx3.8/15, Error ellipse: s-maj=28.9km, s-min=24.4km az=127.0.

NEIC 02 07:34:34.4, 0.4, 21.20S-169.84E, h10km, mb4.6/5, Error ellipse: s-maj=14.2km, s-min=11.2km az=119.0.

LDG 02 07:34:35.9, 0.3, 20.87S-169.66E, h10km, Mb4.7/2, Error ellipse: s-maj=24.1km, s-min=5.4km az=146.0.

ISC 02 07:34:33.4, 0.6, 21.26S-169.77E, 0.10, h10km, n91, c1921/23, mb4.4/15, MS4.0/4, 7C-1D, Southeast of Loyalty Islands.

Table listing station data for the Southeast of Loyalty Islands region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Code Station Name Az AzZ Phase ID Time Res ISC

Main table listing station data for the Southeast of Loyalty Islands region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Code Station Name Az AzZ Phase ID Time Res ISC

Table listing station data for the Southeast of Loyalty Islands region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table listing station data for the 46 period. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Code Station Name Az AzZ Phase ID Time Res ISC

Table listing station data for the 46 period. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Code Station Name Az AzZ Phase ID Time Res ISC

Table listing station data for the 46 period. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Code Station Name Az AzZ Phase ID Time Res ISC

Table listing station data for the 46 period. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

CASC 02 07:55:55.1, 9.1258N-88.63W, h24km, 5km, MD3.8, ML3.0, 6C-5D, Off coast of Central America.

Code Station Name Az AzZ Phase ID Time Res ISC

Main table listing station data for the Off coast of Central America region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

IDC 02 08:01:21.3, 1.5, 38.36N-101.26E, mb3.6/3, mb1.3/8.4, mb1mx3.6/16, Error ellipse: s-maj=80.0km, s-min=29.9km, az=02.0.

Code Station Name Az AzZ Phase ID Time Res ISC

Table listing station data for the Off coast of Central America region. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.



Table with columns: BTO, Baotou, 7.16 7.0 ePG, Pb, 08 03 22.6 -1.6, etc.

Table with columns: ASAR, Alice Springs, 68.99 148, P, 08 12 28.6 +1.0, etc.

Table with columns: WRA, Warramunga Arr, 21.68 160, Op, 08 47 0.8 -2.4, etc.

GUC 02 08:53:45.8: 1.0, 30.45Sx69.45W, h5km, 8km, MD3.5, ML3.4

NEIC 02 08:53:45.8: 1.4, 30.44Sx69.43W, h10km, ML3.4(GUC), Error ellipse: s-maj=23.6km s-min=12.6km az=51.0

ISC 02 08:53:44.7: 0.9, 30.47Sx05.69:34W, 0.07, h10km, n7, az=148/13, 1C-2D, Chile-Argentina border region

Table with columns: ZON, Zonda, 1.21 153, Op, 08 54 06.0 -1.3, etc.

ISC 02 09:15:36.2: 0.9, 34.4N, 0.1, 81.0E, 0.3, h33km, n11, az=080/11, mb3.7/4, Xizang

Table with columns: DANN, Dangsing, 6.99 158, Op, 09 17 20.8 +8.9, etc.

CASC 02 09:20:28.6: 2.1, 11.08N, 85.81W, h182km, 9km, MD3.8, ML2.7, 4C-6D, Nicaragua

Table with columns: CRZC, La Cruz, 0.25 121, Op, 09 20 53.5 +0.3, etc.

NIED 02 09:22:00.34, 20N, 140.40E, h62km, Mw4.3 Best double couple: M2.94x1015 Np1.0z25, 881, lambda=115. NP2: phi=277, delta=62, lambda=20.

Code Station Name Delta AZ Phase ID Time Res h m s ISC

Table with columns: BSO3, Boso 3, 0.67 9, Op, 09 22 45.6 -0.6, etc.

ISC 02 09:23:08.0: 3.3, 34.14N, 0.03, 140.38E, 0.05, h78km, h7km, 1.1, km, pP, n7, 0.68/83, mb4.3/26, 4C-3D, Near east coast of eastern Honshu

Table with columns: JUNU, Nakatsue, 7.99 265, P, 09 24 27.5 +1.2, etc.

ISC 02 09:39:09.7: 2.2, 1.06S, 127.35E, mb3.3/2, mb1 3.5/3, mb1mx3.4/9, ML3.0/1, Error ellipse: s-maj=178.0km s-min=27.9km az=66.0, Halmahera

Table with columns: WRA, Warramunga Arr, 19.98 160, Op, 09 43 45.0 -1.6, etc.

MOS 02 09:42:51.4: 1.3, 47.29N, 153.90E, h41km, mb4.4/12, Error ellipse: s-maj=14.5km s-min=10.2km az=72.2

ISC 02 09:42:53.9: 4.8, 47.14N, 153.96E, h52km, 44km, mb3.8/15, mb1 4.0/16, mb1mx3.8/24, ML3.3/1, MS3.9/2, Ms1 3.9, ms1mx3.1/24, Error ellipse: s-maj=24.7km s-min=20.6km az=155.0

NEIC 02 09:42:55.0: 2.5, 47.12N, 154.05E, h67km, 21km, mb4.3/2, Error ellipse: s-maj=24.5km s-min=14.7km az=159.0

ISC 02 09:42:45.9: 2.9, 47.32N, 0.10, 154.1E, 0.1, h2km, 18km, n52, 0.97/52, mb4.2/18, MS3.9/1, Kuril Islands

Table with columns: SKR, Severo-Kuril's, 3.61 21, Op, 09 43 49.3 +5.2, etc.

ISC 02 09:42:45.9: 2.9, 47.32N, 0.10, 154.1E, 0.1, h2km, 18km, n52, 0.97/52, mb4.2/18, MS3.9/1, Kuril Islands

Table with columns: MKAR, Makanchi Array, 47.28 297, P, 09 51 21.2 -0.9, etc.

Table with columns: BVAR, Borovoye Array, 51.02 309, P, 09 51 50.7 -0.7, etc.

Table with columns: ARCES, ARCESS Array B, 57.53 341, P, 09 52 37.8 -0.6, etc.

Table with columns: FINES, FINESS Array B, 63.81 335, P, 09 53 20.8 -0.3, etc.

Table with columns: ARCES, ARCESS Array B, 66.41 340, P, 09 53 13.1 0.0, etc.

Table with columns: YKA, Yellowknife Arr, 66.73 29, P, 09 53 15.9 +0.3, etc.

Table with columns: YKA, comp=2.0, 3nm, 0.6s, mb3.3, baz=298, slow=6.3, SNR=6.5, etc.

Table with columns: PDAR, Pinedale Array, 80.30 45, P, 09 54 35.4 +0.8, etc.

ISC 02 09:23:09.3: 5.3, 4.29S, 128.11E, h173km, 54km, mb3.4/2, mb1 3.6/3, mb1mx3.4/9, Error ellipse: s-maj=131.0km s-min=14.5km az=69.0, Banda Sea

Table with columns: WRA, Warramunga Arr, 16.70 159, P, 09 26 51.0 -3.7, etc.

Table with columns: WRA, Warramunga Arr, 16.70 159, P, 09 26 51.0 -3.7, etc.

ISC 02 09:39:09.7: 2.2, 1.06S, 127.35E, mb3.3/2, mb1 3.5/3, mb1mx3.4/9, ML3.0/1, Error ellipse: s-maj=178.0km s-min=27.9km az=66.0, Halmahera

Table with columns: WRA, Warramunga Arr, 19.98 160, Op, 09 43 45.0 -1.6, etc.

MOS 02 09:42:51.4: 1.3, 47.29N, 153.90E, h41km, mb4.4/12, Error ellipse: s-maj=14.5km s-min=10.2km az=72.2

ISC 02 09:42:53.9: 4.8, 47.14N, 153.96E, h52km, 44km, mb3.8/15, mb1 4.0/16, mb1mx3.8/24, ML3.3/1, MS3.9/2, Ms1 3.9, ms1mx3.1/24, Error ellipse: s-maj=24.7km s-min=20.6km az=155.0

NEIC 02 09:42:55.0: 2.5, 47.12N, 154.05E, h67km, 21km, mb4.3/2, Error ellipse: s-maj=24.5km s-min=14.7km az=159.0

ISC 02 09:42:45.9: 2.9, 47.32N, 0.10, 154.1E, 0.1, h2km, 18km, n52, 0.97/52, mb4.2/18, MS3.9/1, Kuril Islands

Table with columns: SKR, Severo-Kuril's, 3.61 21, Op, 09 43 49.3 +5.2, etc.

Table with columns: MKAR, Makanchi Array, 47.28 297, P, 09 51 21.2 -0.9, etc.

Table with columns: BVAR, Borovoye Array, 51.02 309, P, 09 51 50.7 -0.7, etc.

Table with columns: ARCES, ARCESS Array B, 57.53 341, P, 09 52 37.8 -0.6, etc.

Table with columns: FINES, FINESS Array B, 63.81 335, P, 09 53 20.8 -0.3, etc.

Table with columns: ARCES, ARCESS Array B, 66.41 340, P, 09 53 13.1 0.0, etc.

Table with columns: YKA, Yellowknife Arr, 66.73 29, P, 09 53 15.9 +0.3, etc.

Table with columns: YKA, Yellowknife Arr, 66.73 29, P, 09 53 15.9 +0.3, etc.

Table with columns: YKA, Yellowknife Arr, 66.73 29, P, 09 53 15.9 +0.3, etc.

Table with columns: YKA, Yellowknife Arr, 66.73 29, P, 09 53 15.9 +0.3, etc.



Table with columns: GRF, Grafenberg Arr, 80.34 331, eP, P, 09 59 28.9 +1.9

Table with columns: ANMO, Albuquerque, 80.84 51, eP, P, 09 59 31.3 +1.3

Table with columns: SCHO, Schefferville, 81.05 17, p, P, 09 59 31.4 +0.7

Table with columns: LOR, Lormes, 84.99 334, eP, P, 10 00 04.0 +2.4

Table with columns: WMOK, La Plagne, 85.49 331, eP, pP, 10 00 07.4 +3.3

Table with columns: SNA, Sanae, 145.04 198, eP, PKPdf, 10 06 50.4 -0.3

Table with columns: ACR, Cerro Adams, 0.38 3281, eP, P, 10 04 04.0 -0.5

Table with columns: ERIP, Rio Piedras, 0.77 356, eP, P, 10 16 53.4 +2.1

Table with columns: LPAZ, La Paz, 3.86 105, p, P, 09 57 48.9 +0.7

Table with columns: TXAR, Lajas Array, 53.91 325, p, P, 10 06 00.0 0.0

Table with columns: YKA, Yellowknife Ar, 84.42 332, p, P, 10 09 08.0 +1.7

Table with columns: ZAL, Zalesovo, 137.42 20, PKP, PKPdf, 10 15 59.8 +4.2

Table with columns: ZIIG, Zihuatanejo, 0.35 44, i, P, 10 03 43.2 +0.7

Table with columns: MOIG, Morelia, 2.37 12, e, P, 10 04 39.3 -1.6

Table with columns: CASQ 02 10:03:56.5-1.7, 8.34N-82.97W, h22km,6km,MD3.5

Table with columns: ACR, Cerro Adams, 0.38 3281, eP, P, 10 04 04.0 -0.5

Table with columns: CASQ 02 10:03:56.5-1.7, 8.35N-83.03W, h3km,9km,MD3.6

Table with columns: ACR, Cerro Adams, 0.34 336, eP, P, 10 10 04.0 +0.4

Table with columns: NEIC 02 10:16:28.8, 36.64N-7.10W, MN2.4(MDD), After MDD

Table with columns: CASQ 02 10:16:26.7, 0.3660N, 0.05, 7.19W, 0.04, h20km, n34

Table with columns: ERIP, Rio Piedras, 0.77 356, eP, P, 10 16 42.9 +1.6

Table with columns: EGRO, El Granado, 0.96 346, p, P, 10 16 45.6 +1.1

Table with columns: EMIN, Mina Concepcio, 1.23 19, p, P, 10 16 49.3 +0.3

Table with columns: PTEO, Sao Teotonia, 1.55 308, e, P, 10 16 53.5 0.0

Table with columns: EHU, Huescar, 3.86 70, p, P, 10 17 25.5 -1.0

Table with columns: EADA, Adamuz, 2.60 52, p, P, 10 17 09.8 +1.2

Table with columns: EBAN, Banos Encina, 3.13 59, p, P, 10 17 15.8 -0.3

Table with columns: PCBR, Castelo Branco, 3.24 356, eP, P, 10 17 16.9 -0.8

Table with columns: ECAL, Calabur, 5.34 4, p, P, 10 17 46.1 -1.4

Table with columns: NEIC 02 10:23:54.0, 0.2, 15.17S-178.93W, mb5.0/30, Error

ellipse: s-maj=9.0km s-min=5.7km az=142.0  
MOS 02 10:23:53.8, 1.0, 15.10S-178.97W, h406km, mb5.0/11

ISC 02 10:23:52.7, 0.2, 15.21S, 0.04, 178.95W, 0.04, h394km, h394km, 2.3km, p-P, n354, +1503/141, mb4.9/56, 69C-2D

Table with columns: RAR, Rarotonga, 19.16 111, eP, P, 10 27 52.2 +2.3

Table with columns: WCZ, Waipua Peaks, 21.50 195, p, P, 10 28 14.9 +2.6

Table with columns: RMZ, Rimouski, 33.58 276, eP, P, 10 30 00.4 +1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns: WRA, Warramunga Arr, 44.67 257, p, P, 10 31 29.2 -1.0

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, NJ2, KDC, CMB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HRY, KMI, YAK, BDT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OFRI, DRGI, SLTI, etc.

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

IDC 02 10:44:49.0, 1.1, 35.38N, 120.66W, mb4.1/10, mb1 4.1/14, mb1mx4.0/22, ML3.6/3, Error ellipse: s-maj=27.1km

NEIC 02 10:44:52.0, 35.71N, 121.14W, h5km, MD4.0(NCEDC), MW4.1(BRK), After NCEDC.

NEIC Felt at Bradley, Paso Robles and San Luis Obispo. ISC 02 10:44:50.4, 0.8, 35.67N, 0.07, 121.10W, 0.07, h5km, n47, r1914/48, mb4.2/10, Central California

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

IDC 02 10:46:52.0, 36.57N, 33.38W, mb3.5/4, mb1 3.8/5, mb1mx3.6/19, ML2.4/1, MS3.9/2, Ms1 3.8/2, ms1mx2.9/18

Error ellipse: s-maj=121.0km s-min=25.7km az=173.0

ISC 02 10:46:50.1, 35.57N, 0.8, 33.39W, h10km, n7, r0995/5, mb3.6/4, MS3.9/2, Reyjanes Ridge

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

BUI 02 10:47:35.0, 35.70N, 121.10W, h5km, mB3.8, mb4.2

IDC 02 10:47:39.0, 0.9, 35.58N, 121.27W, mb4.2/11, mb1 4.1/15, mb1mx4.1/22, ML3.4/4, MS3.6/2, Ms1 3.6/2, ms1mx3.1/20

Error ellipse: s-maj=23.0km s-min=19.0km az=108.0

NEIC 02 10:47:40.1, 35.70N, 121.15W, h6km, MD3.8(NCEDC), MW4.2(BRK), After NCEDC.

NEIC Felt at Atascadero, Bradley, Cambria, Los Osos, Morro Bay, Paso Robles, San Luis Obispo and Templeton. ISC 02 10:47:38.8, 0.6, 35.73N, 0.06, 121.17W, 0.07, h5km, n37, r0995/39, mb4.1/11, MS3.6/1, Central California

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

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

NEIC 02 10:53:39.0, 35.71N, 121.15W, h3km, ML3.6(NCEDC), After NCEDC, Central California

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

IDC 02 11:00:51.4, 1.8, 5.60S, 148.60E, mb3.5/3, mb1 3.8/4, mb1mx3.8/8, ML3.9/1, Error ellipse: s-maj=71.0km

s-min=15.9km az=124.0

NEIC 02 11:01:00.9, 1.2, 5.87S, 148.51E, h75km, 16km, Error ellipse: s-maj=36.7km s-min=10.4km az=137.0

ISC 02 11:00:59.8, 1.5, 5.95S, 0.2, 148.5E, 0.2, h80km, 18km, n7, r0578/9, mb3.2/3, New Britain region

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

IDC 02 11:02:18.0, 1.0, 4.90N, 143.51E, mb3.5/6, mb1 3.9/7, mb1mx3.8/18, ML3.4/2, Error ellipse: s-maj=29.7km

s-min=21.5km az=108.0

JMA 02 11:02:21.9, 0.1, 41.03N, 143.39E, h59km, M3.4

NEIC 02 11:02:23.2, 2.5, 40.90N, 143.46E, h40km, 26km, mb4.1/11, Error ellipse: s-maj=21.8km s-min=19.8km az=178.0

ISC 02 11:02:22.5, 0.6, 41.06N, 0.04, 143.37E, 0.07, h59km, n25, r1919/34, mb3.6/5, Hokkaido region

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

IDC 02 11:11:20.9, 38.13S, 176.27E, h189km, After WEL.

WEL 02 11:11:21.0, 0.5, 37.98S, 176.24E, h175km, 4km, ML3.6/5, Island

Ellipse: s-maj=4.1km s-min=2.7km az=0.0, North

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

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

DJA 02 11:18:37.8, 0.9, 8.39S, 115.89E, h33km, MD4.8/2, 4C-2D, Error ellipse: s-maj=44.6km s-min=8.1km az=168.0, Bali region

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

NEIC 02 11:42:00, 42.90N, 143.90E, h95km, Mw3.9 Best double couple: Mb8.26x10^14 Np1.33, 885, 162. Np2.33, 829, 169

NEIC 02 11:42:48.0, 1.3, 42.68N, 143.83E, h74km, 11km, mb4.3/4, Error ellipse: s-maj=14.7km s-min=11.1km az=130.0

NEIC Recorded [1 JMA] in the Kushiro-Ohihara area. MOS 02 11:42:48.0, 1.1, 42.59N, 143.82E, h99km, mb4.3/8, Error ellipse: s-maj=20.1km s-min=9.0km az=83.7

SKHL 02 11:42:52.3, 5.2, 42.90N, 144.00E, h111km, 3km, mb5.8/1, mbv6.1/1, ms25.5/1, msha6.1/1

IDC 02 11:42:53.3, 1.9, 42.90N, 143.85E, h107km, 12km, mb3.7/12, mb1 4.0/13, mb1mx3.9/19, Error ellipse: s-maj=22.1km s-min=17.0km az=6.0

JMA 02 11:42:53.0, 0.1, 42.95N, 143.94E, h99km, 1km, M3.7

Crossband fault plane solution: P waves: Np1.29, 831, 170. Np2.3, 885, 160. Principal axes: T P1g42, Azm9; N P1g30, Azm131; P P1g33, Azm243;

JMA Felt 1/1. ISC 02 11:42:51.6, 0.3, 42.94N, 0.04, 143.96E, 0.04, h108km, 2km, n58, r085/77, mb4.0/14, 6C-6D, Hokkaido region

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

Table of station data for 2d 12h, listing station names (TIXI, IMA, MCK, etc.), coordinates, and various data points.

NEIC 02 12:25:52.1, 34.52N-25.68E, h10km, MD3.3(ATH), After

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like XRY, KRIS, NMS, VAP.

NEIC 02 12:28:00.9 1.5, 30.36S-178.28W, h15km, mb4.8/3, Error ellipse: s-maj=32.2km s-min=20.5km az=91.0

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WIZ, PUK, URZ.

NEIC 02 12:42:43.0 5.2, 21.51S-169.84E, h10km, mb5.0/13, mb1 5.1/14, mb1mx5.1/15, ML4.6/1, MS4.9/9, Ms1 4.9/9, ms1mx4.8/13

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA, GSPA, SNA, FINES.

IDC 02 12:42:43.0 5.2, 21.51S-169.84E, h10km, mb5.0/13, MB1 5.1/14, MB1MX5.1/15, ML4.6/1, MS4.9/9, MS1 4.9/9, MS1MX4.8/13

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HRVD, GY, MAJO, MAT, TATO.

Main table of station data for 2004 JAN, listing station names (DZM, IMA, MCK, etc.), coordinates, and various data points.

Table of station data for 2004 JAN, continuing from the previous table, listing station names (TATQ, GSPA, QSPA, etc.), coordinates, and various data points.



Table listing station names (e.g., ECH, FUORN, DAVOS), coordinates, and other technical data for the 2004 JAN period.

Table listing station names (e.g., LIC, KIB, KBIC, DBIC), coordinates, and other technical data for the 2004 JAN period.

Table listing station names (e.g., ARCES, VRAC, GERES, DAVOX), coordinates, and other technical data for the 2004 JAN period.



Table of astronomical observations with columns for object name, magnitude, position, and other parameters.

NIED 02 13:50:00.41, 00N:143.40E, h29km, Mw4.3 Best double... MOS 02 13:50:38.70, 0.7, 41.06N:143.32E, h34km, mb4.5/18, Error ellipse: s-maj=14.3km s-min=7.8km az=82.8

Table of astronomical observations for the 10-day Hokkaido region, including station names and observation details.

Table of astronomical observations for the 10-day Hokkaido region, continuing from the previous table.

KOLN Spitsbergen Arr 56.87 349 P P 13 59 21.9 -1.1... RES Resolute Bay 58.33 15 EP P 14 00 31.0 -1.2

Table of astronomical observations for the 10-day Hokkaido region, continuing from the previous table.

Table of astronomical observations for the 10-day Hokkaido region, continuing from the previous table.

MAN 02 13:54:32.8, 17.46N:119.46E, h13km, mb4.4, ML3.3, MS3.0... ISC 02 13:54:35.4, 3.2, 17.3N:0.1x119.7E, 0.2, h15km, 28km, n7, e1517/10, 2D, Philippine Islands region

Table of astronomical observations for the 10-day Hokkaido region, continuing from the previous table.

Table with columns: ERTA, Horta de San J, EPOB Poblet, EPOB, EADA Adamuz, EADA Sonseca Array, ESDC, ESDC Sierra de Lija, ELIJ, EJON La Jonquera, EMIN Mina Concepcio, EMIN

IDC 02 14:34:10.7,2.2,5.16S:154.15E,mb3.6/4,mb1 3.9/4, mb1mx3.8/9, Error ellipse: s-maj=91.5km s-min=27.6km az=121.0

ISC 02 14:34:13.0,2.6,5.5S:0.5,154.5E,0.7,h33km,n4,0577/4, mb3.4/4, Bougainville - Solomon Islands region

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

IDC 02 14:49:10.5,1.2,14.56S:72.73W,mb4.1/9,mb1 4.3/11, mb1mx4.2/16, ML3.0/2, MS4.1/10, Ms 1.4/10, ms1mx4.0/16, Error ellipse: s-maj=48.6km s-min=15.8km az=35.0

NEIC 02 14:49:24.9,1.9,14.35S:71.80W,h128km,18km,mb4.5/2, Error ellipse: s-maj=40.0km s-min=9.7km az=62.0

ISC 02 14:49:24.4,2.6,14.4S:0.2,71.8W,0.3,h140km,25km,n28, 0574/22,mb3.9/11, Central Peru

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

IDC 02 15:19:36.3,5.1,21.42S:169.72E,mb3.9/2,mb1 4.2/2, mb1mx3.9/7, Error ellipse: s-maj=188.0km s-min=39.4km az=156.0, Southeast of Loyalty Islands

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

NEIC 02 15:34:20.6,19.26N:64.59W,h25km,MD3.8(RSPR), After RSPR

RSPR 02 15:34:20.6,19.26N:64.59W,h25km,31km,M3.8,9C-1D, Virgin Islands

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

DHMR 02 15:35:08.6,0.4,11.83N:43.20E,h22km,3km,ML4.3, 4C-2D, Ethiopia

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

NEIC 02 14:51:12.2,19.28N:64.55W,h25km,MD3.7(RSPR), After RSPR

RSPR 02 14:51:12.2,19.28N:64.55W,h25km,31km,M3.7,11C-4D, Virgin Islands

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

DJA 02 14:54:37.1,1.0,8.85S:116.09E,h15km,5km,MD4.6/2, ML4.4/1, 4C-2D, Error ellipse: s-maj=28.1km s-min=10.3km az=146.0, Sumbawa region

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

IDC 02 15:05:34.4,1.5,5.76N:94.02E,mb4.0/9,mb1 4.2/9, mb1mx4.1/13, Error ellipse: s-maj=88.3km s-min=18.4km az=53.0

NEIC 02 15:05:44.3,0.8,5.94N:94.23E,h75km,mb3.6/1, Error ellipse: s-maj=33.0km s-min=12.4km az=54.0

ISC 02 15:05:45.4,1.1,6.0N:0.2,94.3E,0.2,h100km,n13, 0573/13,mb3.9/10, Northern Sumatera

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

IDC 02 15:19:36.3,5.1,21.42S:169.72E,mb3.9/2,mb1 4.2/2, mb1mx3.9/7, Error ellipse: s-maj=188.0km s-min=39.4km az=156.0, Southeast of Loyalty Islands

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

NEIC 02 15:34:20.6,19.26N:64.59W,h25km,MD3.8(RSPR), After RSPR

RSPR 02 15:34:20.6,19.26N:64.59W,h25km,31km,M3.8,9C-1D, Virgin Islands

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

DHMR 02 15:35:08.6,0.4,11.83N:43.20E,h22km,3km,ML4.3, 4C-2D, Ethiopia

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

BUI 02 15:38:56.3,19.40N:122.70E,h34km,mb4.1

IDC 02 15:37:59.0,0.8,19.44N:122.52E,h28km,6km,mb3.9/11, mb1 4.1/12, mb1mx4.0/16, ML4.7/1, MS3.0/2, Ms1 3.0/2, ms1mx2.8/21, Error ellipse: s-maj=33.5km s-min=14.8km az=67.0

NEIC 02 15:38:58.0,4.0,19.43N:122.72E,mb3.7/2, Error ellipse: s-maj=17.9km s-min=12.2km az=66.0

NIED 02 15:39:00,20.60N:122.50E,h5km,Mw4.0 Best double couple: M9.86x1014 NP1.9x129.8, 868.8, 1.67. NP2.0x356.8, 832.1, 1.33

JMA 02 15:39:04.0,0.3,20.61N:122.48E, M4.8, MS2.8

ISC 02 15:39:01.3,0.5,20.20N:0.4,122.44E,0.8,h35km,7km, n4,0,1910/54,mb4.0/12,1D, Philippine Islands region

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

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

IDC 02 15:44:39.0,1.1,11.96N:86.41W,h178km,12km,MD3.5, ML3.3,1C-1D, Near coast of Nicaragua

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

IDC 02 15:49:58.9,0.6,22.05S:169.53E,h10km,mb4.6/6, Error ellipse: s-maj=17.4km s-min=14.5km az=212.0

IDC 02 15:50:04.1,0.9,22.14S:169.41E,h44km,6km,mb4.0/4, mb1 4.3/5, mb1mx4.2/8, ML3.8/1, MS3.5/3, Ms1 3.5/3, ms1mx3.5/11, Error ellipse: s-maj=42.4km s-min=20.1km az=120.0

ISC 02 15:50:02.0,1.6,22.06S:0.07,169.43E,0.9,h43km,14km, h42km,2km,pp-P,n33,0591/19,mb4.4/10,MS3.5/2,2C, Southeast of Loyalty Islands

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

NEIC 02 15:49:58.9,0.6,22.05S:169.53E,h10km,mb4.6/6, Error ellipse: s-maj=17.4km s-min=14.5km az=212.0

IDC 02 15:50:04.1,0.9,22.14S:169.41E,h44km,6km,mb4.0/4, mb1 4.3/5, mb1mx4.2/8, ML3.8/1, MS3.5/3, Ms1 3.5/3, ms1mx3.5/11, Error ellipse: s-maj=42.4km s-min=20.1km az=120.0

ISC 02 15:50:02.0,1.6,22.06S:0.07,169.43E,0.9,h43km,14km, h42km,2km,pp-P,n33,0591/19,mb4.4/10,MS3.5/2,2C, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRG, CLL, Collm, SKopje, Kasperske Hory, GERES, etc.

NEIC 02 16:14:29.3, 46.21N; 13.98E, h5km, MD2.8(ROM), ML2.9(VIE), ML2.8(ZAG), ML2.6(FUR), ML2.5(LJU), After ROM.

ROM 02 16:14:29.3, 0.6, 46.21N; 13.98E, h5km, MD2.8/5, ML2.4/5, Error ellipse: s-maj=4.0km s-min=2.4km az=90.0.

LJU 02 16:14:30.0, 46.22N; 14.00E, h16km, ML2.4, ISC 02 16:14:29.9, 0.2, 46.25N; 0.02-14.01E, 0.02, h6km, 5km, n52, r1520, 93, 21C-8D, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VOJ, DRE, ROBS, LSR, LJU, COLI, PTCC, GMA, TRI, CEY, BUA, PLRO, MPRI, PDKS, ZOU, PERS, LEGS, MLNI, DOBS, GRO, CAE, VBY, GOLS, CSO, MTO, ARSA, CGRP, MOA, CTI, SCE, NWL, TEOL, WATA, SOTA, MOTA, KHC, PRU, NKC, etc.

NEIC 02 16:32:42.3, 1.2, 51.51N; 16.07E, h5km, ML2.2(BRG), Error ellipse: s-maj=13.4km s-min=5.8km az=191.0. WAR 02 16:32:43.7, 51.50N, 16.09E, h1km, Location given by Rudna mine, origin time based upon KSP

PRU 02 16:32:43.2, 51.47N; 16.09E ISC 02 16:32:40.1, 0.8, 51.54N; 0.04, 16.08E, 0.04, n17, r111, 138, Poland

Station list table for Poland with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSP, UPC, DPC, PVCC, BRG, PRU, etc.

NAO 02 16:36:36.2, 1.6, 67.10N; 20.89E, ML2.0, HEL 02 16:36:37.1, 0.3, 67.05N; 20.97E, ML1.8, ML1.7(BER), ML2.0(NAO), Explosion

ICD 02 16:36:37.0, 0.8, 67.17N; 21.33E, mb1 3.0/4, mb1mx2.9/16, ML2.2/3/4, Error ellipse: s-maj=16.7km s-min=5.9km az=112.0. BER 02 16:36:38.2, 5.2, 67.08N; 20.83E, ML1.7, ML2.0(NAO), Suspected explosion

ISC 02 16:36:34.1, 0.5, 67.12N; 0.03-20.73E, 0.10, n28, r119, 139, Sweden

Main station list table for Sweden with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KTK1, SGO, TRO, MOR, LOF, KEV, MSF, YAF, KJN, NSS, APA, FIAO, FINES, NOA, HFS, SPAO, etc.

Station list table for Saint Croix with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SCVI, HUMP, CPD, CSB, SJG, etc.

CASC 02 16:43:11.0, 0.2, 3, 14.34N; 90.27W, h262km, 7km, MD4.2, mb4.7(NEIC)

NEIC 02 16:43:13.6, 0.8, 14.38N; 89.99W, h234km, 9km, mb4.7/23, MD4.5(MEX), Error ellipse: s-maj=11.6km s-min=7.4km az=223.0

IDC 02 16:43:14.3, 0.8, 14.52N; 89.81W, h236km, 6km, mb3.7/13, mb1 3.9/15, mb1mx3.8/19, Error ellipse: s-maj=23.0km s-min=10.6km az=56.0

MEX 02 16:43:15.2, 0.3, 13.64N; 90.54W, h191km, 63km, MD4.5, ISC 02 16:43:13.9, 0.2, 14.45N; 0.06-90.13W, 0.05, h247km, 3km, n90, r116/103, mb4.2/25, 17C-6D, Guatemala

Main station list table for Guatemala with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IXG, PCG, RBDL, TER, FUG, RTR, SNJE, SBLS, BOQS, SNET, LFU, LBRS, LFPS, LCBS, JAT, SNVI, CAHU, VSM, VCM, CCG, CMIG, CRZC, HUIG, VHO, CGAZ, PRPZ, LAJ, URSC, BUS, PNCV, ACR, DWPF, HKT, OTAV, ROSC, JCT, LRAL, LTX, TXAR, MIAR, UJAL, PLAL, COW, SIUC, SJG, USIN, CCM, MTP, WCI, BLA, BLO, CBKS, ACSO, JFWS, ISCO, PV10, BBSS, PAL, BNY, SADO, RSSD, MIW, BW06, PDAR, ELK, NVAR, NVAR, MCMT, BOZ, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIXI, SVO, SYO, GSPA, QSPA, SVE, ARU, KMB, etc.

MOS 02 17:11:44.6:0.7, 55.05N:110.68E, h10km, mb4.0/1, Error ellipse: s-maj=23.6km s-min=13.3km az=61.2

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

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

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

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

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

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

IDC 02 18:34:27.6:1.8, 7.44S:122.76E, mb3.4/1, mb1 4.2/3, Error ellipse: s-maj=175.0km

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

IDC 02 18:39:19.1:2.1, 6.51S:150.59E, mb3.6/3, mb1 4.0/3, 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 WRA, ASAR, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNCH Conchagua, SBL San Blas, SAN Jose, etc.

GUC 02 18:59:29.9, 1.0, 32.70S, 72.86W, h36km, 3km, MD3.6, ML3.7

NEIC 02 18:59:29.9, 32.70S, 72.86W, h36km, MD3.6(GUC), After GUC.

ISC 02 18:59:29.7, 1.2, 32.69S, 72.96W, 0.09, h36km, n16, o=547/26, 9C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PACH Papudo, LAC Cruces, LONGOVIO, etc.

ISC 02 19:20:60.0, 3.0, 20.13S, 167.62E, mb3.9/3, mb1 4.3/3, mb1mx4.1/7, Error ellipse: s-maj=216.0km

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

DJA 02 19:21:09.9, 0.3, 8.52S, 115.92E, h33km, ML4.3/1, 3C-2D, Error ellipse: s-maj=20.4km s-min=8.4km az=169.0, Bali region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEDI Kedondong, RATI Rata, INGI Ingas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KELI Kelakatan, ITM Ithomi, VLS Valsamata, etc.

ISC 02 19:23:55.6, 0.8, 37.80N, 21.71E, mb4.0/15, mb1 4.1/21, mb1mx4.1/7, ML3.6/6, Error ellipse: s-maj=21.3km

NEIC 02 19:23:57.5, 37.75N, 21.61E, h14km, mb4.2/5, MD4.0(ATH), ML3.9(THE), After ATH.

ATH 02 19:23:57.5, 37.75N, 21.61E, h14km, 4km, MD4.0/15, ML3.9

THE 02 19:23:58.4, 37.72N, 21.57E, h10km, ML4.2

ISC 02 19:23:56.4, 0.3, 37.67N, 0.03, 21.46E, 0.03, h10km, n143, o=1562/168, mb4.1/19, 11C-15D, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ITM Ithomi, VLS Valsamata, LKD Levkas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOTA Moosalm, DAVOX Davos, GERES GRESS Array B, etc.

ISC 02 19:26:22.3, 3.2, 39.19N, 28.31W, mb3.8/5, mb1 4.1/5, mb1mx3.7/18, MS3.6/3, Mst 3.7/3, ms1mx3.3/19, Error ellipse: s-maj=96.6km s-min=29.6km az=167.0

SVSA 02 19:26:23.7, 1.2, 39.09N, 28.28W, h44km, mb3.8/5, mb1 4.1/5, mb1mx3.7/18, MS3.6/3, Mst 3.7/3, ms1mx3.3/19, Error ellipse: s-maj=96.6km s-min=29.6km az=167.0

ISC 02 19:26:23.1, 0.5, 39.02N, 0.4, 28.19W, 0.03, h28km, n3km, n41, o=60/60, mb3.8/5, MS3.6/3, Azores Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STGR Santa Cruz, PGRA Graciosa, ROSA Rosais, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PRCH, PCNG, FRA, MIRA, BART, BART, NORSA, FINES, ARCES, YKA, TXAR, BVAR, MKAR.

IDC 02 19:32:37.2-1.36.225:177.66E, mb4.0/2, mb1 4.2/4, mb1mx4.1/9, ML3.5/2, MS3.8/4, Ms1 3.8/4, ms1mx3.6/13, Error ellipse: s-maj=51.1km s-min=30.4km az=87.0

NEIC 02 19:32:38.8.1.3.36.225:177.69E, h10km, mb4.4/1, Error ellipse: s-maj=27.7km s-min=13.1km az=83.0

ISC 02 19:32:39.7-5.7.36.35.0.1x177.3E.0.3, h16km, 36km, n10, o584.9, mb4.0/3, MS3.8/2, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ, SNZO, RPZ, ASAR, WRA, QSPA, SNA, KAF, FINES.

NNC 02 19:41:50.3-0.9.36.90N:70.99E, h111km, 13km, mpv4.2, Error ellipse: s-maj=12.0km s-min=7.2km az=66.0

ISC 02 19:41:44.3-0.7.36.91N:0.0-0.1, h163km, 13km, n25, o593/31, 3C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CEP, CHAT, CNZ, THW, SBPD, DRP, SARP, AML, UCH, KZA, EK2, KK31, AAK, KBK, CHMS, USP, TKM2, DANN, MK31, KOLN, GKN, KKN, JIRN, BRVK, CHKZ.

NEIC 02 19:48:56.2.35.93S:178.24E, h33km, mb4.8/1, ML4.5(WEL), After WEL.

IDC 02 19:49:02.1.1.3.36.41S:177.43E, mb4.2/3, mb1 4.4/4, mb1mx4.3/8, ML3.5/2, MS3.2, Ms1 3.4/2, ms1mx3.2/12, Error ellipse: s-maj=33.9km s-min=22.8km az=95.0

ISC 02 19:49:03.1-3.3.36.34S:0.07-177.3E.0.2, h12km, 20km, n25, o518/23, mb4.2/4, MS3.6/1, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WIZ, MARZ, HARZ, URZ, URZ, URZ, WZC, CNZ, TUZ, OUZ, DRZ, RAEZ, NEZ, DFE, NFZ, SNZO, RPZ, RPZ, ASAR, WRA, WRA, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, VWA, QSPA, SNA, NVAR, KAF, FINES.

NEIC 02 20:03:13.1-4.8.26.03S:178.71W, h305km, 45km, mb4.2/8, Error ellipse: s-maj=33.2km s-min=20.2km az=195.0

IDC 02 20:03:19.4-2.0.26.43S:173.07W, h364km, 19km, mb3.7/4, mb1 4.1/6, mb1mx4.0/9, Error ellipse: s-maj=19.7km s-min=12.5km az=139.0

ISC 02 20:03:20.2-2.1.26.22S:0.09-179.1W.0.1, h371km, 20km, n22, o518/21, mb3.9/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ, URZ, RPZ, RPZ, ARMA, ARMA, TOO, CTA, STKA, ASAR, ASAR, ASPA, ASPA, WRA, WRA, FITZ, VWA, QSPA, NVAR, TXAR, FRB, ARCS, FINES, NB2, NFA, NFA.

IDC 02 20:06:03.0-3.1.36.11S:179.48E, mb4.2/2, mb1 4.3/4, mb1mx4.2/9, ML3.6/2, MS3.5/2, Ms1 3.5/2, ms1mx3.4/11, Error ellipse: s-maj=66.7km s-min=37.0km az=114.0

ISC 02 20:07:17.6-0.2.2.71N:84.45W, h12km, MW5.3/69, o588/5, mb3.9/2, Off east coast of North Island

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

CASC 02 20:07:03.6:1.5.1.94N:83.68W, h15km, 75km, MD4.0, mb5.2(NEIC)

IDC 02 20:07:12.3-0.8.2.70N:84.44W, mb4.2/14, mb1 4.5/15, mb1mx4.4/19, ML3.3/1, MS4.8/15, Ms1 4.8/15, ms1mx4.7/18, Error ellipse: s-maj=39.2km s-min=17.1km az=58.0

NEIC 02 20:07:17.6:2.2.2.73N:84.31W, h35km, 15km, mb5.2/34, MS4.8/4, Error ellipse: s-maj=8.0km s-min=4.7km az=46.0

BJJ 02 20:07:17.6:0.2.2.70N:84.44W, h34km, mb5.5, Ms5.0, Msz5.1

HRVD 02 20:07:17.6:0.2.2.71N:84.45W, h12km, MW5.3/69, Centroid moment tensor Solution. LP body waves: s69, c89, Mantle waves: s69, c130. Half duration: 1s1

Moment tensor: Scale 10^17Nm; Mrr-0.93z.02; Mth-0.99z.02; Mtt-0.07z.02; Mlt-0.51z.05; Mlt-0.02z.02; Mlt-0.02z.07; Best double couple: Mlt-1.11017 NP1; o510z.83z.7z.2z. NP2: o259z.860z.1z.10z. Principal axes: T.1.13, Plg14, Azm357; N-.03, Plgr9, Azm264; P-1.09, Plg73, Azm142; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 02 20:07:12.3-0.3.2.69N:0.04-84.27W.0.05, h10km, n148, o514/115, mb4.9/47, MS4.9/22, 2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ACR, OTAV, BUC, PAYG, URSC, PRS1, ICR, VPS2, VCR, FORC, TRTC, CRZC, CPON, MOM, LEON, PYN, TELS, TELS, TELS, CNCH, SLLM, LCLM, LFRS, BOQS, SBLN, RTR, TELS, SJB.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPAZ, LPZ, LPZ, LRAL, JSC, OXF, LTX, TXAR, TXAR, PLAL, SWET, ELN, WMOK, BNM, LENN, LAZ, ANMO, CBKS, CPUP, SDCO, RW3, SADO, SADO, NEN, RSSD, TPNV, DUG, TRQA, PDAR, PDAR, HWUT, MTUM, ELK, MNV, NVAR, CMB, CLMT, LAC, ULM, ULM, MCMT, LCCM, CHMT, LNOR, SCHS, SCHS, SCHS, FRB, FRB, YKA, YKA, YKA, YKW3, DLBC, DLBC, DAWY, INK, INK, INK, ILAR, ILAR, EVO, EVO, LIC, LIC, ESDC, ESDC, ROF, ROF, GUF, SGFM, SJPF, ETSF, GRR, FLN, MFF, LDF, EPF, MTLF, HCF, YCF, BGF, AVF, SSF, SMF, LOR, BAIF, GIVF, MEZF, WLF.

2d 21h

2004 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CFBF La Chapelle, HAU Haudompre, CDF Champ du Feu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CFON Fontmartina, CSOR Sort, CLLI Livvia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RATA Rata, RATI Ingas, INGI Kelakatang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PSI Prapat, GSI Gunungsitoli, TSI Tuntungan, etc.

NEIC 02 20:52:25.7±1.1, 12.611N:87.64W, mb3.9/3, Error ellipse: s-maj=24.5km s-min=21.1km az=50.0, IDC 02 20:52:26.5±1.9, 12.730N:87.72W, h41km, mb3.7/10, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CNCH Conchagua, YSM San Miguel, BRLM Bellarmia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JMA 02 21:17:42.7±0.2, 43.94N:147.81E, M3.6, Kuril Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DHMR 02 21:29:37.1±0.8, 12.07N:44.66E, h22km, 4km, MD3.6, 2C, Western Arabian Peninsula.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ADEN Aden, LBOS L'obs, UDYAN Al'Udayan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ADK Adak, ILAR Eielson Array, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 02 20:15:19.1±5.1, 21.81N:146.88E, mb3.6/3, mb1 3.8/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SADO Sadowa, HWUT Hardware Ranch, NVAR Mina Array Bea, etc.

IDC 02 21:35:57.2±0.5, 51.35N:178.01E, mb3.7/11, mb1 3.9/11, mb1mx3.8/21, Error ellipse: s-maj=49.6km s-min=21.2km az=11.0, NEIC 02 21:34:01.8±7.6, 51.41N:178.00E, h25km, 49km, mb4.0/1, Error ellipse: s-maj=37.0km s-min=16.7km az=206.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ADK Adak, ILAR Eielson Array, INK Inuvik, etc.



NEIC 02 21:53:47.2, 46.95N-6.34E, h4km, ML2.2(LDG), ML2.0(STR), After LDG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CABF La Chapelle, LOMF Lomont, HINF Hinterfeld, etc.

MOS 02 21:56:43.2-1.2, 74.04N-134.36E, h10km, mb4.0/1, Error ellipse: s-maj=99.9km s-min=27.1km az=76.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TIxi Tiksi, BOD Bodaibo, IMA Indian Moutal, etc.

IDC 02 22:03:09.0-9.3, 9.84N-82.27W, mb3.6/4, mb1 4/0/4, mb1mx3.8/15, MS4.1/1, Ms1 4/1, ms1mx3.2/14

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LAJ Bijagal, SJS Escuela Geolog, BUS Buena Vista, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, BLLM Bellamira, VSM San Miguel, etc.

NEIC 02 22:05:18.2, 16.67N-99.75W, h6km, MD4.3(MEX), After MEX

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, CAIC El Cayaco, CAIG Pinotepa, etc.

IDC 02 22:11:57.3-1.4, 34.21N-25.68E, mb4.0/9, mb1 4/1/15, mb1mx4.0/23, ML3.6/6, Error ellipse: s-maj=28.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like XRY Khriis, KRIS Kristallenia, NPS Neapolis, etc.

IDC 02 22:03:09.0-9.3, 9.84N-82.27W, mb3.6/4, mb1 4/0/4, mb1mx3.8/15, MS4.1/1, Ms1 4/1, ms1mx3.2/14

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAVOX DAVOX, MBDF Montbardon, LBG La Plagne, etc.

mb1mx3.8/16, Error ellipse: s-maj=185.0km s-min=20.9km az=18.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAT Jato, CCIG Comitán, CCGI Terranova, etc.

NEIC 02 22:38:15.2, 19.28N-64.57W, h25km, MD3.8(RSPR), After RSPR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTP Monte Pirata, MTPP Canovanas, CBYP Canovanas, etc.

DHMR 02 22:45:50.6-0.4, 12.09N-44.60E, h20km, mb2km, MD3.6, ML3.7, 3D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, LBOS Balay, UDYN Al' Udayn, etc.

IDC 02 23:36:00.5-5.2, 3.32N-97.13E, mb3.8/4, mb1 3/9/4, mb1mx3.7/12, Error ellipse: s-maj=264.0km s-min=26.4km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IPM Ipo, WRA Warramunga Arr, MKAR Makanchi Array, etc.

IDC 02 23:38:00.5-1.8, 2.7N-0.3-96.3E-0.2, h33km, n5, o05/54, mb3.8/4, 1C, Northern Sumatera

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

Table with columns: YOA, Uoyan, 1.23 29, ePg, Pg, Sg, 23 38 59.0, +0.2, 23 39 15.9, +0.6, ZAK, ZAK, comp=N,26nm,1.5s, MOY, MOY, 6.71 243, ePn, Pn, 23 40 15.1, -0.4, 23 40 35.0, +4.0, 23 41 29.3, -3.6, 23 42 01.0, +8.8, RYFY, RYFY, 2.23 335, ePn, Pn, 23 48 06.0, -0.3, 23 48 11.9, -1.1, 23 48 42.6, -0.2, RYFY, RYFY, 8.0nm,0.2s, MEZF, Maizeres J'vi, 2.27 327, ePn, Pn, 23 48 06.9, +0.1, 23 48 12.7, -0.9, 23 48 42.2, -1.6, MEZF, MEZF, 4.1nm,0.3s, VIVF, Saint-Julien-I, 2.35 222, ePn, Pn, 23 48 08.2, +0.2, 23 48 14.3, -1.0, 23 48 44.6, -2.0, VIVF, VIVF, 2.3nm,0.2s, SSF, Saint Saulge, 2.37 282, ePn, Pn, 23 48 09.2, +0.9, 23 48 14.9, -0.8, 23 48 46.2, -1.1, SSF, SSF, 2.2nm,0.2s, AVF, Avril sur Loir, 2.45 275, ePn, Pn, 23 48 10.3, +0.9, 23 48 49.0, -0.8, 1.7nm,0.3s, BGF, Bois d'Agland, 2.79 270, ePn, Pn, 23 48 14.8, +0.4

Table with columns: ZAK, ZAK, comp=N,26nm,1.5s, MOY, MOY, 6.71 243, ePn, Pn, 23 40 15.1, -0.4, 23 40 35.0, +4.0, 23 41 29.3, -3.6, 23 42 01.0, +8.8, RYFY, RYFY, 2.23 335, ePn, Pn, 23 48 06.0, -0.3, 23 48 11.9, -1.1, 23 48 42.6, -0.2, RYFY, RYFY, 8.0nm,0.2s, MEZF, Maizeres J'vi, 2.27 327, ePn, Pn, 23 48 06.9, +0.1, 23 48 12.7, -0.9, 23 48 42.2, -1.6, MEZF, MEZF, 4.1nm,0.3s, VIVF, Saint-Julien-I, 2.35 222, ePn, Pn, 23 48 08.2, +0.2, 23 48 14.3, -1.0, 23 48 44.6, -2.0, VIVF, VIVF, 2.3nm,0.2s, SSF, Saint Saulge, 2.37 282, ePn, Pn, 23 48 09.2, +0.9, 23 48 14.9, -0.8, 23 48 46.2, -1.1, SSF, SSF, 2.2nm,0.2s, AVF, Avril sur Loir, 2.45 275, ePn, Pn, 23 48 10.3, +0.9, 23 48 49.0, -0.8, 1.7nm,0.3s, BGF, Bois d'Agland, 2.79 270, ePn, Pn, 23 48 14.8, +0.4

Table with columns: LOR, LOR, 2.18 289, ePn, Pn, 23 48 06.4, +0.8, 23 48 11.6, -0.3, 23 48 39.6, -1.4, LOR, LOR, 2.7nm,0.2s, RYFY, Refroy, 2.23 335, ePn, Pn, 23 48 06.0, -0.3, 23 48 11.9, -1.1, 23 48 42.6, -0.2, RYFY, RYFY, 8.0nm,0.2s, MEZF, Maizeres J'vi, 2.27 327, ePn, Pn, 23 48 06.9, +0.1, 23 48 12.7, -0.9, 23 48 42.2, -1.6, MEZF, MEZF, 4.1nm,0.3s, VIVF, Saint-Julien-I, 2.35 222, ePn, Pn, 23 48 08.2, +0.2, 23 48 14.3, -1.0, 23 48 44.6, -2.0, VIVF, VIVF, 2.3nm,0.2s, SSF, Saint Saulge, 2.37 282, ePn, Pn, 23 48 09.2, +0.9, 23 48 14.9, -0.8, 23 48 46.2, -1.1, SSF, SSF, 2.2nm,0.2s, AVF, Avril sur Loir, 2.45 275, ePn, Pn, 23 48 10.3, +0.9, 23 48 49.0, -0.8, 1.7nm,0.3s, BGF, Bois d'Agland, 2.79 270, ePn, Pn, 23 48 14.8, +0.4

NEIC 03 01:17:42.7, 1.8, 43.14N-146.13E, h38km, 16km, mb4.1/3, Error ellipse: s-maj=17.4km, s-min=12.8km, az=128.0

JMA 03 01:17:46.4, 0.1, 43.36N-146.17E, h49km, 1km, M4.2

ISC 03 01:17:48.9, 2.9, 43.46N-146.12E, h80km, 26km, mb3.5/17, mb1.3/8, mb1mx3.7/2, Error ellipse: s-maj=19.2km, s-min=15.5km, az=137.0

ISC 03 01:17:45.2, 0.7, 43.38N-106.146E, 10.07, h64km, 4km, n41, c099/50, mb3.8/19, 1C, Kuril Islands

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

ISC 03 01:32:59.1, 5.6, 17.64N-101.33W, h44km, 2km, mb3.5/5, mb1.3/9, mb1mx3.7/16, ML3.3/1, Error ellipse: s-maj=9.7km, s-min=7.9km, az=153.0

NEIC 03 01:33:07.3, 18.25N-102.29W, h6km, mb3.6/3, MD4.3(MEX), AftE, MEX

ISC 03 01:33:06.4, 0.7, 18.23N-107.102W, 0.04, h67km, 8km, h44km, 2.7km, pp-P, n21, s1923/28, mb3.5/6, 1C-1D, Michoacan

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

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

ISC 03 01:41:15.4, 6.1, 62.32S-152.76E, mb3.6/2, mb1.3/8/2, mb1mx3.8/5, M3.6/3, M3.1 3.6/3, M3.1mx3.5/4, Error ellipse: s-maj=506.0km, s-min=52.8km, az=53.0, Balleny Islands region

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

ISC 03 02:15:05.7, 0.9, 61.40N-58.12W, mb3.7/9, mb1.4/0/11, mb1mx3.8/19, ML2.9/2, MS3.8/1, Ms1.3/8/1, ms1mx2.6/23, Error ellipse: s-maj=30.7km, s-min=16.0km, az=168.0

NEIC 03 02:15:06.1, 0.8, 61.47N-58.11W, h10km, mb4.3/6, Error ellipse: s-maj=18.1km, s-min=1.1km, az=153.0

ISC 03 02:15:05.0, 0.7, 61.70N-10.10S, 3W, 0.1, h10km, n22, s1916/24, mb3.9/12, MS3.7/7, Davis Strait

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

ISC 03 02:28:39.6, 4.2, 0.34N-72.37E, h178km, 202km, mb3.5/4, mb1.3/6/4, mb1mx3.2/14, ML2.6/1, Error ellipse: s-maj=826.0km, s-min=106.7km, az=154.0

ISC 03 02:28:40.3, 2.3, 36.4N-102.71E, 0.3, h73km, 32km, n10, c029/11, mb4.1/3, 1C-1D, Afghanistan-Tajikistan border region

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

DJA 03 02:33:50.6, 0.3, 8.46S-119.90E, h33km, MD4.7/3, 4C-3D, Error ellipse: s-maj=15.0km, s-min=7.0km, az=169.0, Bali region

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

NEIC 03 02:46:43.6, 1.3, 2.91S-139.82E, h10km, mb4.1/1, Error ellipse: s-maj=22.4km, s-min=18.4km, az=68.0

ISC 03 02:46:46.1, 4.1, 3.00S-138.59E, mb3.6/2, mb1.4/0/3, mb1mx3.9/6, ML3.7/1, Error ellipse: s-maj=157.0km, s-min=22.5km, az=91.0

ISC 03 02:46:45.8, 4.6, 3.05S-10.140E, 0.3, h45km, 53km, n7, c099/8, mb3.5/2, Near north coast of Iran Jaya

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

Table with columns: MKAR, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations and their recorded events.

WEL 03 02:51:25.0, 0.3, 45.22S-167.25E, h76km, 2km, ML3.6/5, Error ellipse: s-maj=2.4km, s-min=1.3km, az=90.0, South Island

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

JMA 03 03:03:08.5, 37.54N-140.91E, h73km, 1km, M3.5, Broadband fault plane solution: P waves, NP1, phi=112, delta phi=164, NP2, phi=7, delta phi=81, Principal axes: T, P, N, Azm88, N, P, Azm186, P, P, Azm47, Azm286, JMA Felt II J1

ISC 03 03:03:08.3, 1.3, 37.55N-140.94E, 0.10, h74km, 8km, n10, c0934/18, 5C-2D, Eastern Honshu

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

WEL 03 03:09:24.2, 0.6, 36.12S-177.147E, h33km, ML3.5/1, Error ellipse: s-maj=4.9km, s-min=3.0km, az=0.0, Off east coast of North Island

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

NEIC 03 03:11:26.0, 3.1, 31.27S-179.86W, h300km, 42km, mb4.6/3, Error ellipse: s-maj=44.1km, s-min=19.8km, az=154.0

ISC 03 03:11:31.9, 4.4, 31.77S-179.74W, h365km, 47km, mb3.2/2, mb1.3/4, mb1mx3.3/10, Error ellipse: s-maj=47.8km, s-min=40.0km, az=170.0

ISC 03 03:11:29.8, 1.0, 31.73S-10.179W, 8.0, 2, h372km, 14km, n22, c121/26, mb3.8/4, Kermadec Islands region

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

WEL 03 03:35:43.6, 0.2, 45.14S-166.96E, h27km, 1km, ML3.5/5, Error ellipse: s-maj=2.6km, s-min=1.1km, az=90.0, Off west coast of South Island

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

ISC 03 03:52:43.4, 0.4, 18.99S-169.54E, h261km, 40km, mb3.5/5, mb1.3/8/5, mb1mx3.7/9, Error ellipse: s-maj=29.0km, s-min=14.9km, az=46.0

NEIC 03 03:56:28.9, 5.4, 19.08S-169.52E, h311km, 56km, mb4.3/8, Error ellipse: s-maj=27.8km, s-min=14.3km, az=21.0

ISC 03 03:56:26.0, 0.8, 19.05S-10.169E, 5.0, 1, h292km, 7km, n16, c0998/19, mb4.2/11, Vanuatu Islands

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

2004 JAN

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

MAN 03 05:02:48.6, 13.93N:124.10E, h9km, mb4.4, ML3.2, MS3.0
IDC 03 05:03:04.10.0, 13.45N:123.64E, h148km, mb3.6km,
mb3.1/3, mb1.3, 5.4, mb1mx3.3/12, Error ellipse:
s-maj=2.02km s-min=23.7km az=63.0,
ISC 03 05:02:47.9-0.9, 13.93N:124.15E:0.06, h9km, n14,
+1834/21, mb3.6/3.2, Cazon

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

NEIC 03 05:04:03.5, 37.07S:176.78E, h238km, After WEL.
WEL 03 05:04:04.7-0.4, 37.18S:176.93E, h238km, ML3.7/2,
Error ellipse: s-maj=5.2km s-min=4.2km az=90.0, North
Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Hicks Bay, North Gisborne, etc.

IDC 03 05:10:09.0:2.5, 4.20N:126.66E, mb3.4/3, mb1.3/6.3,
mb1mx3.5/10, Error ellipse: s-maj=214.0km s-min=27.2km
az=66.0,
NEIC 03 05:10:10.9:0.7, 4.16N:126.65E, h10km, mb4.7/2, Error
ellipse: s-maj=39.2km s-min=13.2km az=68.0,
ISC 03 05:10:08.8:1.0, 4.2N:126.6E:0.3, h10km, n7, +0526/7,
mb3.8/5, Talaud Islands

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

IDC 03 05:10:32.4:9.8, 14.91S:178.58W, mb3.7/3, mb1.4/0.3,
mb1mx3.7/9, MS3.6/1, Ms1.3/6.1, ms1mx3.3/9, Fiji
Error ellipse: s-maj=446.0km s-min=36.7km az=140.0, Fiji
Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Las Mercedes, Montego Bay, Negri, etc.

ms1mx3.8/18, Error ellipse: s-maj=19.0km s-min=13.2km
az=65.0,
JN3 03 05:23:38.0:1.2, 19.49N:77.93W, h19km, g7km, MD4.9
ISC 03 05:23:35.1:0.8, 19.56N:0.02:77.93W:0.03, h16km, g6km,
h27km, 5km, p: P, n:133, +109/134, mb4.4/49, MS4.0/9,
3C-7D, Cuba region

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

HLGC Holguin 2.20 53 P Pn 05 24 10.9 -0.7
HLGC comp=E:23mu,0.5s 05 24 35.7 -2.9
MOAC Moa 3.00 68 I Pn 05 24 22.7 -0.3
MOAC comp=N:19mu,0.6s 05 24 57.0 -1.0
MGV Manicaragua 3.18 323 I Pn 05 24 25.8 +0.2
MGV comp=N:91mu,0.7s 05 25 02.5 -1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Hicks Bay, North Gisborne, etc.

ULM Lac du Bonnet 33.78 339 P P 05 30 19.0 +0.7
ULM comp=E:2.1nm,0.6s,mb4.2,baz=151,slow=9.3,SNR=4.7
ULM comp=E:721nm,19.4s,MS4.4,baz=126,slow=37 05 44 43.0
BW06 Boulder Array 35.27 318 eP P 05 30 30.2 -0.9
PDAR Pinedale Array 35.27 318 P P 05 30 30.7 -0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like White Island, Hicks Bay, Marz, etc.

CASC 03 05:41:59.0:1.7, 12.06N:87.77W, h22km, 5km, MD4.3,
ML3.8, mb4.1 (NEIC)
NEIC 03 05:42:10.3:2.4, 12.42N:87.60W, h127km, 26km, mb4.1/10,
Error ellipse: s-maj=20.8km s-min=11.1km az=50.0,
IDC 03 05:42:12.8:6.3, 12.66N:87.27W, h140km, mb4.6, mb3.6/9,
mb1.3/8.10, mb1mx3.6/18, MS3.8/6, Ms1.3/8.6,
ms1mx3.5/19, Error ellipse: s-maj=42.7km s-min=27.7km
az=17.0,
ISC 03 05:41:59.3:0.5, 12.01N:0.05:87.76W:0.04, h55km, 5km,
n78, +1907/86, mb4.0/16, MS3.8/5, 11C-18D, Near coast of
Nicaragua

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

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

CPUP comp=E:5.4nm,0.9s,baz=6.3,slow=5.7,SNR=11 pP 05 32 36.6 +2.2
YKWS Yellowknife Arr 49.81 339 eP P 05 32 29.0 0.0
DLBC Dease Lake 54.00 329 eP P 05 33 02.5 +2.0
INK Inuvik 59.53 339 eP P 05 33 40.0 +0.2

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

WEL 03 05:43:50.3:0.6, 37.26S:177.52E, h128km, 5km, ML3.6/1,
1C, Error ellipse: s-maj=3.5km s-min=3.3km az=90.0,
Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like White Island, Hicks Bay, Marz, etc.

CASC 03 05:41:59.0:1.7, 12.06N:87.77W, h22km, 5km, MD4.3,
ML3.8, mb4.1 (NEIC)
NEIC 03 05:42:10.3:2.4, 12.42N:87.60W, h127km, 26km, mb4.1/10,
Error ellipse: s-maj=20.8km s-min=11.1km az=50.0,
IDC 03 05:42:12.8:6.3, 12.66N:87.27W, h140km, mb4.6, mb3.6/9,
mb1.3/8.10, mb1mx3.6/18, MS3.8/6, Ms1.3/8.6,
ms1mx3.5/19, Error ellipse: s-maj=42.7km s-min=27.7km
az=17.0,
ISC 03 05:41:59.3:0.5, 12.01N:0.05:87.76W:0.04, h55km, 5km,
n78, +1907/86, mb4.0/16, MS3.8/5, 11C-18D, Near coast of
Nicaragua

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

WEL 03 05:43:50.3:0.6, 37.26S:177.52E, h128km, 5km, ML3.6/1,
1C, Error ellipse: s-maj=3.5km s-min=3.3km az=90.0,
Off east coast of North Island

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



Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Tyrgan, Kabansk, Fotonovo, Zarechye, Turuntaevo, Ongureny, Todzha, Ulaanbaatar, Nizh Angarsk, Ulyunkhan, Kumora, Khapcheranga, Uakit, Bodaibo, Sochi, Cerro Paranai, Antofagasta, Copiapo, Vallenar, Tololo Astrono, Ovalle, Combarbala, La Paz, LPaz, Villa Florida, CPUP, CPUP, OTAV, OTAV, ROSC, SNAE, LRAL, JUNCTION CITY, TXAR, QSPA, LIC, ANMO, TACO.

NEIC 03 07:23:57.9, 0.7, 2.5, 11S, 68.89W, h93km, 7km, mb4.3/9, Error ellipse: s-maj=12.9km s-min=7.5km az=84.0, GUC 03 07:23:58.0, 0.8, 2.5, 10S, 69.05W, h32km, 9km, ML4.7, IDC 03 07:24:00.0, 0.8, 2.4, 91S, 68.89W, h103km, 9km, mb4.0/8, mb1.4, 1/10, mb1mx4.0/13, MS2.8/1, Ms1 2.8/1, ms1mx2.8/12, Error ellipse: s-maj=32.3km s-min=19.5km az=74.0, ISC 03 07:23:56.8, 0.6, 2.5, 11S, 03:68.93W, 0.08, h97km, 6km, n42, r123/44, mb4.2/19, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Cerro Paranai, Antofagasta, Copiapo, Vallenar, Tololo Astrono, Ovalle, Combarbala, La Paz, LPaz, Villa Florida, CPUP, CPUP, OTAV, OTAV, ROSC, SNAE, LRAL, JUNCTION CITY, TXAR, QSPA, LIC, ANMO, TACO.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Kosan Boka, DBIC, SADO, SBA, VNSA, NEN, TPNV, PDAR, NVAR, ULM, MCMT, YBH, YKA, YKA, ASAR, ASAR, WRA, KURK, ZAL, ZAL, ZAL, MKAR, MKAR, MKAR, MKAR, MKAR, DZM, RPZ, STKA, RAR, WRAB, WRA, WRA, VNSA, VNSA, VNSA, QSPA, QSPA, YBH, ILAR, NVAR, INK, TXAR, MKAR, YKA, ARCES, FINES, NOA, GERES, CDF, HINF, HAU, MEZF, CABF, FLN, LDF, LOR, GRR, SSF, HYP, LPL, LPG, SMF, SVF, GVF, ROSF, BGF, QUIF, ORIF, TCF, SBF, MFF, VIVF, FRF, SFR, LMR, CAF, LASF, LFF, MTLF.

NEIC 03 07:27:36.3, 5.9, 14.61S, 167.81E, h139km, 52km, mb4.6/7, Error ellipse: s-maj=23.6km s-min=16.8km az=179.0, IDC 03 07:27:40.4, 8.6, 14.60S, 167.69E, h171km, 77km, mb3.9/9, mb1.4, 2/9, mb1mx4.1/12, Error ellipse: s-maj=34.0km s-min=23.7km az=161.0, ISC 03 07:27:51.0, 2.5, 14.8S, 10C-1D, h283km, 24km, n57, r1508/18, mb4.1/16, 1C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Mont Dzumac, Rata Peaks, Stephens Creek, Rarotonga, Tennant Creek, Warramunga Arr, Warramunga Arr, Alice Springs, VNSA, QSPA, Ulaanbaatar, Yreka Blue Hor, Eielson Array, Mina Array Bea, Yellowknife Arr, ARCES Array B, FINESS Array B, NORSAR Array B, GERES Array B, Champ du Feu, Hinterfeld, Hautdrompre, Maizieres J'vi, La Chapelle, La Foliniere, LDR, LOR, GRR, SSF, HYP, LPL, LPG, SMF, SVF, GVF, ROSF, BGF, QUIF, ORIF, TCF, SBF, MFF, VIVF, FRF, SFR, LMR, CAF, LASF, LFF, MTLF.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Esparros, Ste Jean, Etsaut.

NEIC 03 07:31:55.6, 3.6, 66.26N, 8.58W, h50km, After MDD, MDD 03 07:31:55.6, 1.4, 3.6, 70N, 8.49W, h18km, 9km, mbLg2.4/11, Error ellipse: s-maj=15.4km s-min=7.0km az=43.0, PRXIMO, INMG 03 07:31:56.1, 1.0, 8.36, 72N, 8.45W, h13km, 2km, ML2.2, Error ellipse: s-maj=3.7km s-min=1.8km az=44.0, ISC 03 07:31:54.5, 1.2, 3.6, 80N, 0.07, 8.34W, 0.06, h13km, n37, r129/63, 3C, West of Gibraltar

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Sao Teotônio, Sao Teotônio, Alcoutim, Alcoutim, Mina Concepcio, Espera, Espera, Loures, Hornachuelos, Hornachuelos, Castelo Branco, Castelo Branco, Adamaz, Adamaz, EADA, EADA, EBAN, EBAN, EQES, EQES, ESDC, ESDC, ESDC, ESDC, ELOB, ELOB, ECAL, ECAL, ECAL, ECAL, EZAM, EZAM, EZAM, EZAM, ETOB, ETOB, EINC, EINC, EMAZ, EMAZ.

IDC 03 07:49:06.8, 6.2, 21.35S, 168.57E, mb3.7/2, mb1.4/0/2, mb1mx3.9/7, Error ellipse: s-maj=263.0km s-min=151.0km az=151.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Mont Dzumac, Warramunga Arr, Sonesca Array, Sonesca Array, Lobios, Lobios, ECAL, ECAL, EZAM, EZAM, ETOB, ETOB, EINC, EINC, EMAZ, EMAZ.

NEIC 03 08:03:56.0, 65.57N, 123.87W, h1km, MN3.0(PGC), After PGC, IDC 03 08:03:56.2, 1.8, 65.51N, 123.94W, mb3.2/1, mb1.3/6.5, mb1mx3.4/18, ML3.4/4, Error ellipse: s-maj=40.8km s-min=14.6km az=34.0, PGC 03 08:03:57.0, 65.57N, 123.87W, h1km, MN3.0/4, Franklin Mountains, Northwest Territories, ISC 03 08:03:51.7, 0.6, 65.61N, 123.87W, 0.1, h1km, n19, r160/31, mb3.2/1, Northwest Territories

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



Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like NVL, SNAE, IMP, CLNS, ANM, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like TXI, GDL, INK, WMQ, BHP, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like BSD, BORNHOLM, ULUDAG, etc.



Table of astronomical observations for January 2004, columns include Code, Station Name, Azimuth, Elevation, Source Name, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for January 2004, columns include Code, Station Name, Azimuth, Elevation, Source Name, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for January 2004, columns include Code, Station Name, Azimuth, Elevation, Source Name, and various parameters like RA, Dec, and SNR.

ICD 03 08:09:02.5, 0.22, 31.1, 169.55E, mb5.3/11, mb1 5.4/12, mb1 mx5.3/13, ML4.5/11, MS6.1/3, Ms1 6.1/3, ms1 mx5.6/14, Error ellipse: s-maj=26.0km s-min=23.1km az=157.0

NEIC 03 08:09:03.8, 0.2, 22.163, 169.55E, h10km, mb5.7/23, Error ellipse: s-maj=1.2km s-min=0.7km az=143.0

MOS 03 08:09:03.2, 1.22, 145.3, 169.50E, h10km, mb5.8/12, Error ellipse: s-maj=15.3km s-min=11.6km az=59.5

BJJ 03 08:09:03.8, 22.20S, 169.60E, h10km, mb5.9, mb5.4, Ms6.0, Ms25.6

SYO 03 08:09:03.8, 22.163S, 169.55E, h10km, MB5.7 HRVD 03 08:09:03.8, 0.1, 22.363S, 169.55E, h13km, MW6.1/83, Centroid moment Tensor Solution. LP body waves:

s79,c199; Mantle waves: s83,c199; Half duration: 26 Moment tensor: Scale 10^18Nm; Mw=1.53±.02; Mw0.98±.02; Mw0.55±.02; Mw-0.55±.05; Mw-0.71±.02; Mw-0.02±.05; Best double couple: M1, 5.2x10^18 Np1: 0.308; 0.44; -1.87; -NP2: 0.125; 0.46; -0.93; Principal axes: T 1.5, P1.9, Azm2210; N, 0.3; P2: Azm1260; P 1.53; P1g88; Azm323; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 03 08:09:02.4, 0.2, 22.245S, 0.06, 169.56E, 0.05, h10km, (h22km, 8.3km; pp-P), n163, c122, 95, mb5.5/47, Ms6.0/7, 4C-4D, Southeast of Loyalty Islands

Code Station Name Az Elevation Phase ID Time Res I S C I S C

Table of seismic station data for January 2004, columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residuals.

Table of seismic station data for January 2004, columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residuals.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like FLN, LDF, LOR, SSF, GRR, LPL, LPG, BNI, SGMF, MBDF, ORIF, SBF, TCF, VIVF, MFF, LIC, EVO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like PAHR, NVAR, MNV, MOD, TPNH, TPNV, FMW, COLA, COLA, JCW, ZAK, ILAR, SNWIA, REDWA, GBB, H2OWA, GBL, DLBC, DAWY, LADZ, LAXR, PDAR, INK, WMQ, YKA, YKA, MKAR, MKAR, CHKZ, KMBQ, ARCES, FINES, OKC, KSC, KSP, PZS, MORC, DPC, UPIC, UPIC, PVCC, BOLB, BRG, CLL, CLL, CLL, CLL, SRS, SVIS, NWAQ, NWAQ, NWAQ, QSPA, ASAJ, ASAJ, ASAJ, YSS, YSS, YSS, YSS, SNG, DL2, DL2, KKT, TIA, TIA, CN2, CN2, ENH, HANT, BJT, BJT, BJT, BJT, YBH, YBH, HUMO, HUMO, BILL, BILL, BILL, BILL, VIB.

NEIC 03 08:21:48.4, 0.1, 22.32S; 169.62E, h10km, mb6.0/69, MS6.2/35, Error ellipse: s-maj=6.3km s-min=4.3km az=154.0  
MOS 03 08:13:09.9, 1.2, 22.17S; 169.44E, h10km, mb5.8/8, Error ellipse: s-maj=20.0km s-min=16.3km az=54.5  
NEIC 03 08:13:10.9, 22.03S; 170.55E, h32km, mb6.0, mb5.3, MS5.9, MSz5.7  
SYO 03 08:13:10.4, 22.32S; 169.64E, h10km, MB5.5  
LDG 03 08:13:3.0, 3.0, 20.68S; 169.45E, h10km, MB5.6/4, Error ellipse: s-maj=26.0km s-min=5.4km az=144.0  
ISC 03 08:13:09.6, 6.2, 22.45S, 1x169.66E, 0.07, h16km, 46km, n142, 0.66/78, mb5.3, 3.39, MSS.9/2, 5C-3D, Southeast of Loyalty Islands

IDC 03 08:13:08.8, 0.7, 22.29S; 169.59E, mb5.0/11, mb1 5.2/12, mb1mx5, 1/13, ML4.2/1, Error ellipse: s-maj=26.6km s-min=22.6km az=130.0  
MOS 03 08:13:09.9, 1.2, 22.17S; 169.44E, h10km, mb5.8/8, Error ellipse: s-maj=20.0km s-min=16.3km az=54.5  
NEIC 03 08:13:10.4, 0.2, 22.32S; 169.64E, h10km, mb5.5/21, Error ellipse: s-maj=8.2km s-min=4.9km az=141.0  
HRVD 03 08:13:10.4, 0.6, 22.48S; 169.42E, h15km, 2km, MW5.8/55, Centroid moment Tensor Solution. LP body waves: s3.0, c4.1; Mantle waves: s5.5, c7.0; Half duration: 1.99 Moment tensor: Scale 10^17Nm; Mn=5.7E+53; Mw=3.6E+35; Msz=2.0E+44; Mo=2.4E+83; Mb=2.3E+31; Mv=1.50E+87; Best double couple: M6.2, x1.017, NP1: 0.307, 83.1, -1.87; NP2: 0.124, 85.9, -1.92; Principal axes: T6, Plg14; Azm215; N. 4.1, Plg1, Azm125; P -6.42, Plg76; Azm29; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 03 08:13:09.6, 6.2, 22.45S, 1x169.66E, 0.07, h16km, 46km, n142, 0.66/78, mb5.3, 3.39, MSS.9/2, 5C-3D, Southeast of Loyalty Islands

ISC 03 08:21:49.2, 1.8, 22.37S, 0.03, 169.57E, 0.03, h25km, 13km, h25km, 2.5km, pP, n733, 1x101/311, mb5.9/14, MS6.1/80, 3C2-59D, Southeast of Loyalty Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like URZ, ARMA, RPZ, CNB, CTA, CTA, TOO, STKA, ASAR, ASPA, WAKA, PMOR, VAH, FITZ, KLRB, NWAQ, NWAQ, NWAQ, QSPA, ASAJ, ASAJ, ASAJ, YSS, YSS, YSS, YSS, SNG, DL2, DL2, KKT, TIA, TIA, CN2, CN2, ENH, HANT, BJT, BJT, BJT, BJT, YBH, YBH, HUMO, HUMO, BILL, BILL, BILL, BILL, VIB.



Table with columns for station call letters, frequency, power, and signal strength. Includes stations like SNA, SEY, SHL, YBH, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WVOR, BMN, THY, IMA, PGC, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WMQ, DHD, YKA, MKAR, etc.



Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h m s, ISC. Includes stations like SURF Saint Ours, ORIF Oris-enn-Flattie, etc.

NEIC 03 08:26:39.0, 5.22, 45x169.71E, h10km, mb5.1/9, Error ellipse: s-maj=13.6km s-min=12.6km az=103.0

IDC 03 08:26:43.1, 0.8, 22.49x169.60E, h29km, mb4.6/7, m1.4, 7.7, mb1mx4.6/11, Error ellipse: s-maj=23.9km

ISC 03 08:26:40.7, 0.5, 22.57x169.70E, h30km, h30km, p-P, n46, s104/20, mb4.9/17, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h m s, ISC. Includes stations like SNZO South Karori, RPZ Rata Peaks, etc.

MOS 03 08:27:53.7, 1.3, 46.91N:154.03E, h64km, mb5.2/4, Error ellipse: s-maj=15.2km s-min=12.4km az=63.4

NEIC 03 08:27:56.2, 2.0, 46.82N:153.87E, h70km, mb5.0/4, Error ellipse: s-maj=21.5km s-min=12.6km az=181.0

IDC 03 08:27:58.5, 0.4, 60.96N:153.93E, h82km, mb3.7/7, m1.3, 3.9/6, mb1mx3.8/18, ML3.6/1, Error ellipse:

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

ISC 03 08:27:53.8, 1.3, 47.11N, 0.1, 153.9E, 0.1, h52km, mb12km, n33, s104/34, mb4.2/10, Kuril Islands

IDC 03 08:36:37.9, 7.3, 20.75S:168.68E, mb3.5/2, m1.3, 3.8/2, mb1mx3.8/7, Error ellipse: s-maj=306.0km

IDC 03 08:52:25.9, 0.8, 22.34S:169.58E, mb4.7/4, 7.8, mb1mx4.6/10, ML4.0/1, Error ellipse: s-maj=30.4km

NEIC 03 08:52:27.0, 3.2, 22.37S:169.63E, h10km, mb4.8/12, Error ellipse: s-maj=9.6km s-min=8.4km az=151.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h m s, ISC. Includes stations like LZH Lanzhou, SNAA Sanae, etc.

IDC 03 08:54:37.0, 6.0, 22.33S:169.60E, mb4.7/7, m1.4, 8/8, mb1mx4.7/11, ML4.1/4, Error ellipse: s-maj=29.1km

NEIC 03 08:54:39.1, 0.3, 22.24S:169.66E, h10km, mb4.9/11, Error ellipse: s-maj=11.4km s-min=9.5km az=112.0

IDC 03 08:54:39.0, 2.1, 88S:169.80E, h10km, Mb4.9/2, Error ellipse: s-maj=21.6km s-min=3.1km az=167.0

ISC 03 08:54:40.2, 3.2, 22.44S:0.07x169.61E, 0.07, h24km, mb22km, h24km, p-P, n84, s192/36, mb4.8/26, MS5.3/1, C, Southeast of Loyalty Islands



Table with station names, frequencies, and identifiers. Includes stations like KUR, YUK, and NEM2.

Table with station names, frequencies, and identifiers. Includes stations like NEM2, JRA, JNK, and JAK.

Table with station names, frequencies, and identifiers. Includes stations like BJO, KEV, KEV, and ARCES.

IDC 03 09:23:07 0.8,4, 16, 07N:93.01W, mb3.7/4, mb1 4.0/5, mb1mx3.8/17, ML3.3/11. Error ellipse: s-maj=186.0km s-min=90.5km az=11.0.

Table with station names, frequencies, and identifiers. Includes stations like CMIG, TUIG, SCX, and COIG.

Table with station names, frequencies, and identifiers. Includes stations like TXAR, NVAR, YKA, and ILAR.

Table with station names, frequencies, and identifiers. Includes stations like URZ, MGZ, NGZ, and NOZ.

NEIC 03 09:38:37.8,0.9, 22.05x169.23E, h10km, mb4.3/2, Error ellipse: s-maj=30.6km s-min=18.9km az=139.0.

Table with station names, frequencies, and identifiers. Includes stations like DZM, DZM, and PNT.

IDC 03 09:39:31.1, 8.9, 35.88N:70.73E, h100km, 72km, mb3.5/6, mb1 3.6/8, mb1mx3.4/14, ML3.7/1. Error ellipse: s-maj=64.0km s-min=26.9km az=38.0.

Table with station names, frequencies, and identifiers. Includes stations like CEP, CEP, and CHC.

Table with station names, frequencies, and identifiers. Includes stations like KUR, KUR, and KUR.

Table with station names, frequencies, and identifiers. Includes stations like ILAR, ILAR, and WRA.

Table with station names, frequencies, and identifiers. Includes stations like MELF, MELF, and CSOR.

Table with station names, frequencies, and identifiers. Includes stations like YKA, YKA, and YKA.

Table with station names, frequencies, and identifiers. Includes stations like WEL, WEL, and WEL.

Table with station names, frequencies, and identifiers. Includes stations like VIEF, VIEF, and VIEF.

Table with station names, frequencies, and identifiers. Includes stations like EPOB, EPOB, and EPOB.

Table with station names, frequencies, and identifiers. Includes stations like ERTA, ERTA, and ERTA.

Table with station names, frequencies, and identifiers. Includes stations like LASF, LASF, and LASF.

Table with station names, frequencies, and identifiers. Includes stations like KUR, KUR, and KUR.

Table with station names, frequencies, and identifiers. Includes stations like NEM2, NEM2, and NEM2.

Table with station names, frequencies, and identifiers. Includes stations like YKA, YKA, and YKA.

Table with station names, frequencies, and identifiers. Includes stations like YKA, YKA, and YKA.

Table with station names, frequencies, and identifiers. Includes stations like YKA, YKA, and YKA.



s23,c32;Mantle waves: s61,c92; Half duration: 1:3
Moment tensor: Scale 1017Nm; Mr=2.37: 18;
Mw=1.71+1.11; Mw0.66: 1.1; Mw0.28: 2.3; Mw0.60: 0.7;
Mw0.58: 3.3; Best double couple: Mw2.26x1017 NP1:
phi287°, delta39°, lambda-103°. NP2: phi123°, delta2°, lambda-80°. Principal
axes: T2.04, P1g7°, Azm206°; N45, P1g8°, Azm297°; P
-2.49, P1g80°, Azm76°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 09:45:16.9:3.5,22.35:0.05:169.57E,0.05,h3km:21km,
h21km:2.3km:pp-P,n292,phi08/132,mb5.2/58,MSS.4/79,
22C-10D,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: YSS, comp, Z, Time, Residual, ISC, h, m, s, ISC. Lists seismic components and their recorded data.

Table with columns: PMA, Pmax, Pmax, S, S, S, 10 08 59.3, -6.7. Lists seismic components and their recorded data.

Table with columns: HKT, Hockley, 104.60 63, PFAKE LR, 09 59 40.0 +14, etc. Includes various station codes and names like HKT, Hockley, FFF, Flin Flon, etc.

Table with columns: MOA, Molln, 147.78 328, PKP/Pdf, 10 05 00.8 -1.6, etc. Includes various station codes and names like MOA, Molln, GRA1, Grafenberg Arr, etc.

Table with columns: PKE, Pukeiti, 4.71 34, PN, Pn, 09 52 18.3 -0.9, etc. Includes various station codes and names like PKE, Pukeiti, VRZ, Vera Road, etc.

NEIC 03 09:57:37.5:2.4, 7.58S, 123.89E, h262km, 30km, mb4.3/5, Error ellipse: s-maj=23.2km s-min=17.2km az=50.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, Kakadu, FITZ, Fitzroy Crossi, etc.

IDC 03 09:58:09.1:6.7, 19.84S, 168.26E, mb4.3/2, mb1 4.6/2, mb1mx4.2/7, Error ellipse: s-maj=353.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, Mont Dzumac, CNB, Canbera Magne, etc.

NEIC 03 10:04:14.4:0.31, 84S, 69.94W, h148km, mb3.8/1, MD3.5(GUC), After GUC

GUC 03 10:04:14.4:0.9, 31.84S, 69.94W, h148km, 5km, MD3.5, ML3.8, 9C-6D, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JACH, Jahuel, ILCH, Illapel, etc.

IDC 03 09:48:47.2:2.47, 17N, 154.10E, mb3.7/7, mb1 3.9/8, mb1mx3.7/19, ML2.9/1, Error ellipse: s-maj=60.8km

NEIC 03 09:48:49.8:0.7, 47.34N, 153.98E, h10km, mb4.3/2, Error ellipse: s-maj=19.3km s-min=12.2km az=173.0

MOS 03 09:48:52.3:0.8, 47.10N, 153.86E, h54km, mb4.6/2, Error ellipse: s-maj=25.7km s-min=17.3km az=80.0

IDC 03 09:48:52.6:2.0, 47.22N, 153.9E, 2.0, h47km, 17km, n18, c085/18, mb3.9/11, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR, Severo-Kuril's, ASAJ, Asahikawa, etc.

NEIC 03 09:51:05.9, 43.15S, 170.59E, h9km, ML3.8(WEL), After WEL

WEL 03 09:51:06.0:2.1, 43.16S, 170.60E, h8km, ML3.8/5, Error ellipse: s-maj=1.5km s-min=1.4km az=0.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WVZ, Waitaha Valley, WVV, Waitaha Valley, etc.

IDC 03 10:21:44.3:2.5, 13.23S, 132.74W, mb4.1/6, mb1 4.5/6, mb1mx4.2/12, Error ellipse: s-maj=80.8km

s-min=33.9km az=63.0, South Pacific Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR, Lajitas Array, NVAR, Villa Angostu, etc.

IDC 03 10:22:48.9:3.3, 22.37S, 169.8E, 0.1, h17km, 23km, n43, c138/28, mb4.5/19, MS4.8/2, 1C-1D, Southeast of

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes Loyalty Islands section with stations like Mont Dzumac, Port Vila, Warramunga Arr, etc.

NEIC 03 10:24:37.0, 9.4, 38.87N, 70.37E, h3km, 56km, mb3.7/2, Error ellipse: s-maj=32.2km s-min=12.8km az=215.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Almayashu, Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Makanchi Array, Kurchatov, Borovoye Array, etc.

LDG 03 10:24:54.3, 0.3, 21.30S, 169.11E, h10km, Mb4.8/1, Error ellipse: s-maj=25.9km s-min=5.0km az=155.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes Loyalty Islands section with stations like Mont Dzumac, Armadale, Charters Tower, etc.

JMA 03 10:32:04.5, 0.2, 23.92N, 122.78E, h6km, M2.5

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Yonaguni jima, Hateruma jima, etc.

ISC 03 10:35:21.4, 4.0, 50.23N, 97.42E, mb4.0/1, mb1.3/4, mb1mx3.3/17, ML2.8/3, MS3.1/1, Ms1 3.0/1, ms1mx3.0/16

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

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

IDC 03 10:55:34.7, 1.7, 6.57S, 128.91E, mb4.0/3, mb1.4/5, mb1mx4.2/8, ML4.3/2, Error ellipse: s-maj=145.0km

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

DJA 03 10:57:50.3, 7.08S, -1.0556E, h133km, MB3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Jawa

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

NIED 03 11:10:00, 42.90N, 145.50E, h32km, Mw4.0 Best double couple: M9.95x10^14 NP1=31°, 860°, 7.8° NP2=234°, 832°, 1.109°

JMA 03 11:10:26.2, 0.1, 42.90N, 145.51E, h44km, 1km, M4.0

NEIC 03 11:10:33.1, 2.0, 43.40N, 145.42E, h6km, mb4.5/4, Error ellipse: s-maj=18.0km s-min=11.5km az=92.2

ISC 03 11:10:32.4, 3.2, 43.41N, 145.39E, h71km, 28km, mb3.5/13, mb1.3/7.14, mb1mx3.6/21, Error ellipse: s-maj=28.5km s-min=18.3km az=173.0

NEIC 03 11:10:33.1, 2.0, 43.47N, 145.38E, h76km, 15km, mb4.4/6, Error ellipse: s-maj=18.4km s-min=11.5km az=177.0

ISC 03 11:10:26.4, 0.8, 42.92N, 0.07, 145.48E, 0.07, h53km, 5km, n38, 0.90/44, mb3.9/16, 1C-6D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like NEM2, JAK, etc.

Yuzh-Sakhalins 4.42 335 eP P 11 15 31.3 -1.4

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

ISC 03 10:35:22.7, 1.1, 50.41N, 106.87E, 0.1, h10km, n11, 0.93/16, mb4.1/1, 3C-1D, Southwestern Siberia

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





3d 15h

Table with columns: YSS, TIXI, MLR, FINES, KAF, KEV, MA2, NIE, ARCES, OJC, KMB, SEY, SEY, SEY, OKC, VRAC, KSP, DPC, HFS, PRU, PRU, BRG, BRG, BRG, GERS, KHC, NB2, NOA, NOA, SPITS, NKX, MOX, GRA, GRF, GRF, GRF, BILL, BILL, BILL, DAVOX, DAVOX, CDF, HIN, HAU, HAU, HAU, SBF, SBF, SBF, LPG, LPG, LPG, LPL, LPL, LPL, MBDF, CABF, MEZF, FRF, FRF, FRF, BAIF, LMR, ORIF, ORIF, LOR, LOR, LOR, LOR, LOR, LOR, SMF, SSF, SSF, AVF, AVF, AVF. Each row contains station identifiers, coordinates, and other technical data.

Table with columns: BGF, BGF, TCF, TCF, WRA, WRA, WRAB, WB2, CAF, LDF, LDF, FLN, FLN, GRR, GRR, MFF, MFF, SGMF, SGMF, ASPA, ASAR, ASAR, QUIF, ESDC, LBTB, COLA, COLA, ILAR, ILAR, ILAR, MCK, MCK, STKA, INK, INK, INK, SML, FRB, FRB, YKA, YKA, YKA, TXAR, CPUP, CPUP, CPUP. Each row contains station identifiers, coordinates, and other technical data.

Table with columns: INMG, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Rows include station data for Morocco, Sao Teotonio, PLOU, PLOU, PLOU, MOE, PBEJ, PBEJ, EGRO, EGRO, EGRO, PALC, PALC, PALC, EMIN, EMIN, ESPR, ELIJ, ELIJ, ELIJ, EHOR, EHOR, EHOR, PVRL, PVRL, PVRL, EADA, EADA, EADA, ELOB, ELOB, ELOB, EZAM, EZAM, EZAM, ESCD, ESCD, ESCD, EMAZ, EMAZ, EMAZ, EPON, EPON, EPON, WRA, WRA, WRA, ASAR, ASAR, ASAR, MKAR, MKAR, MKAR. Each row contains station identifiers, coordinates, and other technical data.









3d 16h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries for DPW, DUG, SFJM, BGI, etc.

2004 JAN

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries for INK, SDCO, WMQ, AKLA, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries for KURK, FRU, UJAL, ULM, etc.



Table with columns for station codes (e.g., RAC, RAC, RAC), call signs (e.g., eSKS, sSKS), frequencies (e.g., 16.50 05.1), and other technical details. The table lists numerous stations across various regions, including Wila, Feldberg, Davos, and many others, with their respective frequencies and call signs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, Res, ISC. Contains station data for La Chataignera, La Foret Royal, Lubilich, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, Res, ISC. Contains station data for Urewera, Rata Peaks, Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, Res, ISC. Contains station data for Port Vila, Waiaru Caves, Kaazu, etc.

ICC 03 16:34:18.0,0.2,22.5S;169.70E,mb4.5/5,mb1 5.0/6, mb1mx4.9/9,ML4.1/1, Error ellipse: s-maj=32.1km, s-min=28.1km az=135.0

MOS 03 16:34:26.5-1.2,22.5S;169.94E,h10km,mb6.1/16, Error ellipse: s-maj=13.6km s-min=11.3km az=80.6

SYO 03 16:34:28.0,22.44S;169.92E,h10km,MB6.1, BUJ 03 16:34:29.2,21.62S;169.99E,h10km,mb6.6,mb5.8, M56.4,M52.6

NEIC 03 16:34:19.9,0.5,22.2S;169.67E,h10km,mb5.3/1, Error ellipse: s-maj=7.8km s-min=5.9km az=142.0

Table with columns: TIA, comp-Z, frequency, and various status codes (P, eP, pP, etc.). Rows include stations like NIKO, CN2, CN2, ENH, UNV, UNV, NANT, etc.

Table with columns: TAXI, comp-Z, frequency, and various status codes. Rows include stations like LCCM, PDAR, INK, INK, YKA, YKA, MKAR, etc.

Table with columns: VMG, Vicchio, frequency, and various status codes. Rows include stations like VIC, VIC, VIC, VIC, VIC, etc.

Table with columns: Code, Station Name, frequency, and various status codes. Rows include stations like POC, POC, POC, POC, POC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAT Matushiro, TATO Taipei, JNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, KMBO Kiliima Mbogo, FINES FINESS Array B, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like INK Inuvik, MPR Mayaguez, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VOR Voronezh, VRSR Storzhevoye, VRSR Storzhevoye, etc.

IDC 03 16:58:29.0, 0.7, 22.63S; 169.94E, mb5.1/10, mb1 5.1/11, mb1mx5.1/13, ML3.7/11, MSS.4/1, Ms1 5.4/1, ms1mx4.9/15, Error ellipse: s-maj=24.8km s-min=23.4km az=104.0

MA2 Magadan 83.34 350.0 P 17 10 56.2 -0.6 MA2 Magadan 83.34 350.0 P 17 10 56.2 -0.6

MOX Moxa 147.28 334 P 17 18 15.7 +1.2 MOX Moxa 147.28 334 P 17 18 15.7 +1.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PVC Port Vila, HARZ Haroharo, EDRC Edgecombe, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SHL Shillong, MTU Tunstun Hills, GA Gaofai, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARSA Arzberg, MOA Moxa, GRA Grafenberg Arr, etc.





Table listing station data for ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

Table listing station data for ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

Table listing station data for FITZ Fitzroy Crossi, CN2 Chanchung, KMI Kunming, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.



3d 18h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, KAKA Kakadu, FITZ Fitzroy Cross, etc.

MOS 03 18:18:12.7,0.9,36.49N,70.32E,h195km,mb4.6/17,Error ellipse: s-maj=10.3km s-min=6.2km az=104.4

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

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Main table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like BHPL comp=N,63nm,0.5s, GKN Gorkha, GKN Gorkha, etc.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like GERES GERESS Array B, HFS Hagfors, NB2 NORSA Subarra, etc.

IDC 03 18:26:36.5,1.2,22.25S,169.94E,mb4.1/5,mb1 4/5,mb1mx4.3/8,Error ellipse: s-maj=38.7km s-min=28.7km az=146.0

ISC 03 18:26:39.7,1.3,22.45S,0.2,169.9E,0.2,h33km,n8,σ1561/9,mb4.1/5,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DZM Mont Dzumac, PVM Port Vila, RPZ Rata Peaks, etc.



3d 19h

Table with columns: WDC, CMB, SHL, TNA, YBH, YBH, FIB, FIB, GTA, GTA, ULN, ULN, ULN, ULN, YAK, YAK, TUNG, PMR, DAC, DAC, BILL, COR, NVAR, NVAR, MNV, MOD, TPH, TPH, LSA, LSA, SIT, SIT, OCWA, MCK, WOD, WOD, BMN, COLA, COLA, ZAK, TUC, ELK, WUAZ, JIRN, DAWY, DUG, EFI, KKN, GKN, HWUT, KOLN, ANMO, ANMO, TIXI, LTX, BOZ, BOZ, BW06, INK, INK, SDCO, SDCO, ISCO, MKAR, MKAR, MKAR, CBKS, HKT, HKT

2004 JAN

Table with columns: FFC, ULM, CCM, LPAZ, JFWS, PLAL, LRAL, CHKZ, BRVK, WCI, DWPF, SUR, BOSA, MCWV, ARU, ARU, LBTB, BINY, NCB, HRV, WES, LSZ, SCHO, SJG, POI, HUMF, ARCES, ARCES, GNI, BBBS, FINES, FINES, KSP, KSP, PIZ, RZN, PGB, MORC, DPC, UPC, KOLL, VTS, MMB, PVCC, BOL, BRG, BRG, BRG, CLL, CLL, MODS, SVIS, ZST, PRU, KRIS, NKCC, MOX, MOX, SKO, KHC, GERES, GERES, GERES, GRF, MOT, SQT, WLF, GIVF, BAIF, CDF, BRMO, HINF, HAU, MEZF, ARV, CFSN, SSI, VAI, ZCCA, MCGN, MCBG, FLN

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Table with columns: LDF, SSF, LPL, LPG, SMF, ORIF, TCF, ESLS, LIC, LIC, DBIC, TIC, Code, DZM, DZM, DZM, PVC, URZ, ARMA, RPZ, CTA, PMG, TOO, STKA, ASAR, ASPA, WB2, WRAB, WRA, WRA, KAKA, FITZ, VANDA, JNU, GSPA, ASAJ, TIA, CN2, KMI, XAN, XAN, HHC, LZH, SHL, YBA, YBA, MKAR, ARCES, KMBO, FINES, CRVS, KSP, DPC, PVCC, BRG, SKO, CLL, CLL, CLL, PRU, PRU, PRU, MOA, MOA, GR1, GR1, KBA, WATA, WATA

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOTA Moosalm, SNTK Sankt Quirin, WLF Waifergade, etc.

NEIC 03 19:05:38.3-0.6, 43.77N-105.21W, ML3.2, Error ellipse: s-maj=10.8km s-min=7.7km az=137.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette. IDC 03 19:05:39.7-3.1, 44.25N-105.74W, mb3.7/1, mb1 3.7/5, m-1mx3.5/17, ML3.4/4, Error ellipse: s-maj=113.0km s-min=16.0km az=144.0

ISC 03 19:05:37.1-0.7, 43.81N-0.06-105.30W-0.08,n18, r=101/19, mb3.8/1, Wyoming

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, BW06 Boulder Array, PDAR Pinedale Array, etc.

IDC 03 19:22:20.0-2.2, 22.39S-169.49E, mb3.4/2, mb1 3.8/3, mb1mx3.8/8, ML4.1/1, Error ellipse: s-maj=57.6km s-min=43.1km az=26.0, Southeast of Loyalty Islands

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

NEIC 03 19:28:30.7, 36.42N-30.31E, h28km, MD3.5(S/K), MD3.4(AT/H), After ISK.

ISK 03 19:28:30.7, 36.42N-30.31E, h28km, MD3.5, MD3.4, MD3.3, 35.79N-29.50E, h10km, MD3.4/3, MD3.4/2

ISC 03 19:28:30.5-0.6, 36.41N-0.05-30.31E-0.04, h28km, n26, r=085/31, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ELL Elmalı, BSK Kastellorizon, BCK Baccell, etc.

NEIC 03 19:31:59.2-1.4, 51.77N-179.03E, h80km, mb4.2/1, Error ellipse: s-maj=23.5km s-min=12.2km az=201.0

IDC 03 19:32:02.1-6.1, 51.94N-179.18E, h97km, mb3.6/12, mb1 3.8/12, mb1mx3.7/22, Error ellipse: s-maj=38.9km s-min=14.7km az=80.0

ISC 03 19:31:59.6-1.4, 52.02N-0.2-179.2E-0.1, h87km, 13km, h95km, 3.0km, p-P, n27, r=079/30, mb3.9/13, Rat Islands

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ATKA, ILAR, DAWK Dawson, INUVIK, YKA, YKA, YKA, etc.

MOS 03 19:36:24.2-1.0, 47.11N-153.86E, h55km, mb4.1/2, Error ellipse: s-maj=16.4km s-min=11.3km az=83.6

NEIC 03 19:36:27.2-1.7, 46.97N-153.81E, h71km, 14km, mb4.2/4, Error ellipse: s-maj=17.9km s-min=9.8km az=153.0

IDC 03 19:36:27.0-4.6, 46.99N-153.82E, h68km, 45km, mb3.6/15, mb1 3.7/16, mb1mx3.6/16, mb1mx3.6/16, ML3.6/17, Error ellipse: s-maj=34.5km s-min=17.9km az=169.0

ISC 03 19:36:23.7-1.5, 47.22N-0.1-153.9E-0.1, h44km, 11km, n36, r=097/38, mb4.1/21, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUR Severo-Kuril's, KUR Kuril'sk, YSS Yuzh-Sakhalins, etc.

NEIC 03 19:37:35.2-0.3, 5.37S-146.89E, mb4.7/12, Error ellipse: s-maj=8.4km s-min=5.6km az=102.0

IDC 03 19:37:35.0-0.6, 5.45S-146.81E, h223km, 5km, mb4.3/1, mb1 4.3/12, mb1mx4.3/13, Error ellipse: s-maj=15.3km s-min=8.6km az=100.0

ISC 03 19:37:34.3-0.8, 5.35S-0.05-146.86E-0.05, h225km, 7km, h223km, 2.1km, p-P, n53, r=091/53, mb4.5/21, 3C-2D, Eastern New Guinea

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WAU Wau, PMG Port Moresby, RAB Rabaul, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASPA Alice Springs, FITZ Fitzroy Crossi, ARMA Armidale, etc.

IDC 03 19:44:45.7-5.6, 21.37S-168.89E, mb3.7/2, mb1 4.0/2, mb1mx3.9/7, Error ellipse: s-maj=29.0km s-min=54.0km az=151.0, Loyalty Islands

IDC 03 19:46:04.2-1.4, 22.27S-169.89E, mb4.1/4, mb1 4.3/4, mb1mx4.3/8, Error ellipse: s-maj=40.0km s-min=34.2km az=129.0

NEIC 03 19:46:05.6-0.8, 22.28S-169.86E, h10km, mb4.3/2, Error ellipse: s-maj=21.3km s-min=18.6km az=56.0

ISC 03 19:46:07.8-3.8, 22.45S-0.2-169.8E-0.2, h36km, 30km, n9, r=095/8, mb4.2, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Warramunga Arr, ASAR Alice Springs, etc.

BUI 03 19:48:58.5, 22.20S-170.00E, h10km, mb4.9

IDC 03 19:48:59.5-1.1, 22.21S-169.98E, mb4.1/5, mb1 4.4/5, mb1mx4.4/8, Error ellipse: s-maj=39.6km s-min=28.1km az=147.0

NEIC 03 19:49:00.5-0.6, 22.20S-170.03E, h10km, mb4.6/6, Error ellipse: s-maj=17.7km s-min=13.8km az=157.0

ISC 03 19:49:03.2-2.3, 22.30S-0.1-169.8E-0.1, h37km, 18km, n27, r=1915/17, mb4.3/11, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Warramunga Arr, ASAR Alice Springs, etc.

3d 20h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

NEIC 03 19:54:08.2, 18.98N-64.38W, h25km, MD3.8(RSPR), After RSPR, RSPR 03 19:54:08.2, 18.98N-64.38W, h25km, 31km, M3.8, 9C-1D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:01:28.8-2.2, 4.31N-126.94E, mb3.5/3, mb1 3.7/3, mb1mx3.7/10, Error ellipse: s-maj=178.0km s-min=24.5km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:05:07.8-6.0, 21.48S-169.49E, mb3.7/3, mb1 4.0/3, mb1mx4.0/7, Error ellipse: s-maj=255.0km s-min=38.7km az=150.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:08:33.6-7.1, 20.53S-168.64E, mb3.8/2, mb1 4.0/2, mb1mx4.0/7, Error ellipse: s-maj=291.0km s-min=56.9km az=148.0, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:13:35.7-2.1, 22.17S-169.41E, mb4.1/2, mb1 4.3/3, mb1mx4.2/9, Error ellipse: s-maj=55.7km s-min=42.7km az=22.0

NEIC 03 20:13:36.3-1.3, 22.23S-169.54E, h10km, mb4.6/3, Error ellipse: s-maj=32.5km s-min=14.6km az=223.0

IDC 03 20:13:39.5-1.7, 22.35S-169.50E, h10km, mb4.6/3, mb1mx4.6/13, mb4.3/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:19:01.4-4.7, 20.09S-168.41E, mb3.7/2, mb1 4.0/2, mb1mx3.9/7, Error ellipse: s-maj=257.0km s-min=65.8km az=158.0

IDC 03 20:18:55.7-5.7, 20.45S-169.1E, h10km, n4, mb3.7/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:19:01.4-4.7, 20.09S-168.41E, mb3.7/2, mb1 4.0/2, mb1mx3.9/7, Error ellipse: s-maj=257.0km s-min=65.8km az=158.0

IDC 03 20:18:55.7-5.7, 20.45S-169.1E, h10km, n4, mb3.7/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

NEIC 03 20:23:53.7-1.1, 22.62S-169.61E, h10km, mb4.7/3, Error ellipse: s-maj=33.8km s-min=23.7km az=178.0

IDC 03 20:23:56.9-4.7, 21.74S-169.04E, mb4.3/3, mb1 4.6/3, mb1mx4.4/7, Error ellipse: s-maj=221.0km s-min=33.2km az=152.0

IDC 03 20:23:58.4-3.7, 22.75S-169.6E, h2.0, h59km, 29km, n13, mb4.8/12, mb4.6/6, Southeast of Loyalty Islands

2004 JAN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:24:16.3-6.6, 28.72N-54.26E, mb3.8/5, mb1 3.9/5, mb1mx3.6/11, Error ellipse: s-maj=148.0km s-min=44.1km az=6.0, Southern Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:26:32.2-1.4, 21.46S-169.26E, mb4.1/3, mb1 4.4/4, mb1mx4.3/8, ML4.0/1, Error ellipse: s-maj=43.8km s-min=34.2km az=158.0

NEIC 03 20:26:34.1-0.7, 21.65S-169.18E, h10km, mb4.4/4, Error ellipse: s-maj=20.5km s-min=18.9km az=139.0

IDC 03 20:26:34.1-0.7, 21.65S-169.18E, h10km, mb4.4/4, Error ellipse: s-maj=20.5km s-min=18.9km az=139.0

IDC 03 20:26:34.1-0.7, 21.65S-169.18E, h10km, mb4.4/4, Error ellipse: s-maj=20.5km s-min=18.9km az=139.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:27:01.7-0.0, 11.88N-43.20E, h8km, 6km, MD3.8, ML3.7, 1C-57, Ethiopia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:37:03.5-0.8, 22.10S-170.20E, mb4.4/5, mb1 4.8/6, mb1mx4.7/9, ML3.8/1, MS4.8/11, Ms1 4.8/11, ms1mx4.7/15, Error ellipse: s-maj=30.3km s-min=25.4km az=134.0

NEIC 03 20:37:04.3-0.4, 22.15S-170.30E, h10km, mb5.0/2, MS4.7/1, Error ellipse: s-maj=11.5km s-min=10.5km az=106.0

BUI 03 20:37:04.2, 22.20S-170.30E, h10km, mb5.4, mb4.8, Ms4.9, Ms4.6

MOS 03 20:37:05.2, 21.5, 21.92S-169.94E, h10km, mb5.2/10, Error ellipse: s-maj=17.5km s-min=15.6km az=26.3

LDG 03 20:37:06.3-0.3, 21.33S-170.18E, h10km, Mb4.9/4, Error ellipse: s-maj=24.0km s-min=4.1km az=157.0

IDC 03 20:37:03.1-0.4, 22.21S-170.31E, h10km, mb5.0/2, (h27km, 2.7km, pP-P), n125, s-19157/1, mb4.8/35, MS4.8/14, 4C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:37:03.5-0.8, 22.10S-170.20E, mb4.4/5, mb1 4.8/6, mb1mx4.7/9, ML3.8/1, MS4.8/11, Ms1 4.8/11, ms1mx4.7/15, Error ellipse: s-maj=30.3km s-min=25.4km az=134.0

NEIC 03 20:37:04.3-0.4, 22.15S-170.30E, h10km, mb5.0/2, MS4.7/1, Error ellipse: s-maj=11.5km s-min=10.5km az=106.0

BUI 03 20:37:04.2, 22.20S-170.30E, h10km, mb5.4, mb4.8, Ms4.9, Ms4.6

MOS 03 20:37:05.2, 21.5, 21.92S-169.94E, h10km, mb5.2/10, Error ellipse: s-maj=17.5km s-min=15.6km az=26.3

LDG 03 20:37:06.3-0.3, 21.33S-170.18E, h10km, Mb4.9/4, Error ellipse: s-maj=24.0km s-min=4.1km az=157.0

IDC 03 20:37:03.1-0.4, 22.21S-170.31E, h10km, mb5.0/2, (h27km, 2.7km, pP-P), n125, s-19157/1, mb4.8/35, MS4.8/14, 4C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 03 20:37:03.5-0.8, 22.10S-170.20E, mb4.4/5, mb1 4.8/6, mb1mx4.7/9, ML3.8/1, MS4.8/11, Ms1 4.8/11, ms1mx4.7/15, Error ellipse: s-maj=30.3km s-min=25.4km az=134.0

NEIC 03 20:37:04.3-0.4, 22.15S-170.30E, h10km, mb5.0/2, MS4.7/1, Error ellipse: s-maj=11.5km s-min=10.5km az=106.0

BUI 03 20:37:04.2, 22.20S-170.30E, h10km, mb5.4, mb4.8, Ms4.9, Ms4.6

MOS 03 20:37:05.2, 21.5, 21.92S-169.94E, h10km, mb5.2/10, Error ellipse: s-maj=17.5km s-min=15.6km az=26.3

LDG 03 20:37:06.3-0.3, 21.33S-170.18E, h10km, Mb4.9/4, Error ellipse: s-maj=24.0km s-min=4.1km az=157.0

IDC 03 20:37:03.1-0.4, 22.21S-170.31E, h10km, mb5.0/2, (h27km, 2.7km, pP-P), n125, s-19157/1, mb4.8/35, MS4.8/14, 4C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, YKA Yellowknife Ar, ARCES ARCES Array B, etc.

IDC 03 20:43:36.1±4.4, 60.62N; 152.99W, h154km, 29km, mb2.7/1, mb1 3.2/5, mb1mx3.1/1.8, Error ellipse: s-maj=42.6km s-min=29.5km az=27.0

IDC 03 20:43:36.0±4.6, 60.70N; 153.0W±0.5, h167km, 39km, n5, e123/3, mb2.9/1, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, INK Inuvik, DLBC Dease Lake, etc.

IDC 03 20:48:46.0±1.4, 2.22.11S; 169.78E, mb3.9/3, mb1 4.2/4, mb1mx4.2/8, ML3.8/1, Error ellipse: s-maj=47.2km s-min=33.9km az=156.0

NEIC 03 20:48:47.5±0.7, 22.22S; 169.84E, h10km, mb4.9/4, Error ellipse: s-maj=19.9km s-min=17.2km az=46.0

IDC 03 20:48:51.0±2.8, 22.4S±0.2, 169.8E±0.1, h51km, 24km, n15, e98/12, mb4.4/7, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, PLIG Platanillo, etc.

IDC 03 21:07:36.6±5.5, 21.51S; 169.41E, mb3.7/3, mb1 3.9/3, mb1mx3.9/7, MS3.7/1, Ms1 3.7/1, ms1mx3.5/14, Error ellipse: s-maj=231.0km s-min=40.2km az=150.0, Southeast of Loyalty Islands

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

NEIC 03 21:08:21.6±0.3, 16.44S; 70.96W, mb4.9/52, Error ellipse: s-maj=9.9km s-min=6.0km az=217.0

LDG 03 21:08:21.0±0.4, 16.22S; 70.83W, h125km, Mb4.9/19, Ms3.2/1, Error ellipse: s-maj=25.3km s-min=11.1km az=46.0

BUI 03 21:08:21.5, 16.40S; 71.00W, h126km, LDG 03 21:08:22.5±0.9, 16.28S; 71.13W, h126km, 4km, mb4.3/15, mb1 4.5/17, mb1mx4.5/18, Error ellipse: s-maj=26.6km s-min=10.4km az=16.0

ISC 03 21:08:20.5±0.5, 16.34S±0.1, 71.03W±0.07, h126km, h126km, 1.3km; p-P, n126, e092/111, mb4.8/72, TC, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, CPUV Villa Florida, OTAV Otavalo, ROSC El Rosal, etc.

IDC 03 20:43:36.1±4.4, 60.62N; 152.99W, h154km, 29km, mb2.7/1, mb1 3.2/5, mb1mx3.1/1.8, Error ellipse: s-maj=42.6km s-min=29.5km az=27.0

IDC 03 20:43:36.0±4.6, 60.70N; 153.0W±0.5, h167km, 39km, n5, e123/3, mb2.9/1, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIUC Southern Illin, WMOK Winko, ACOSO Alcorn Creek Sta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FRB 4.4nm, 0.8s, mb4.3, PALC Alcoutim, PBEJ Beja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HIA Hallar, MAJ Matsushiro, MAT Matsushiro, ULN Ulanbataar, etc.

NEIC 03 21:34:44.6:0.22.13S;169.93E, h10km, Error ellipse: s-maj=21.3km s-min=18.1km az=52.0

IDC 03 21:34:44.7:1.5, 22.18S;169.80E, mb4.0/4, mb1 4.3/4, mb1mx4.2/8, Error ellipse: s-maj=39.9km s-min=34.0km az=135.0

ISC 03 21:34:48.5:3.2, 22.3S;0.2-169.8E:0.2, h48km;26km, n13, <059/14, mb4.3/10, Southeast of Loyalty Islands

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

IDC 03 21:39:01.5:5.2, 21.40S;169.74E, mb3.9/3, mb1 4.2/3, mb1mx4.1/7, Error ellipse: s-maj=22.8km s-min=35.7km az=151.0

NEIC 03 21:39:02.0:5.8, 21.67S;169.85E, h10km, Error ellipse: s-maj=31.4km s-min=23.2km az=145.0

ISC 03 21:39:06.3:4.0, 21.85S;0.3-169.8E:0.2, h54km;32km, n12, <052/7, mb4.1/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, WRAB Tennant Creek, etc.

IDC 03 21:44:11.6:12.0, 47.01N;153.86E, mb3.5/3, mb1 3.6/3, mb1mx4.3/17, Error ellipse: s-maj=315.0km s-min=41.6km az=167.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ILAR Eielson Array, MKAR Makanchi Array, FINES FINESS Array B.

IDC 03 21:46:32.0:1.5, 2.50S;140.08E, mb3.9/3, mb1 4.3/4, mb1mx4.1/7, ML4.1/1, Error ellipse: s-maj=61.4km s-min=25.4km az=97.0

NEIC 03 21:46:45.0:2.7, 2.69S;139.44E, h102km;28km, mb4.5/5, Error ellipse: s-maj=24.6km s-min=13.7km az=127.0

ISC 03 21:46:44.5:3.5, 2.85S;0.1-139.5E:0.1, h111km;37km, n18, <076/13, mb4.4/8, Near north coast of Irian Jaya

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

KRSC 03 21:52:11.4:1.9, 55.06N;162.65E, h5km;2km, ML3.9

ISC 03 21:52:11.6:0.5, 55.03N;0.02-162.7E:0.06, h5km, n24, <097/44, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MKZ Mys Kozlova, MKB Krutoberegovo, KBT Krutoberegovo, etc.

Table with columns: SVLR, BKI Bering, BKI Bering, BKI Bering, etc.

Table with columns: KYZ Koryevsk, SRDR Srednyy, KII Karymsky, ESO Essso, SPN Mys Shipunski, etc.

IDC 03 22:11:16.3:3.8, 4.13S;130.80E, mb3.5/1, mb1 3.9/3, mb1mx3.8/8, ML3.6/2, Error ellipse: s-maj=238.0km s-min=71.9km az=166.0, Kermadec Islands

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

IDC 03 22:11:16.3:3.8, 4.13S;130.80E, mb3.5/1, mb1 3.9/3, mb1mx3.8/8, ML3.6/2, Error ellipse: s-maj=238.0km s-min=71.9km az=166.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

LDG 03 22:14:21.6:0.2, 43.08N;0.77W, h2km, M1 4/2, Error ellipse: s-maj=7.1km s-min=2.5km az=14.0

MDD 03 22:14:21.6:0.3, 43.01N;0.80W, M1 0.8/3, Error ellipse: s-maj=1.4km s-min=2.0km az=16.0, PRXIMO

ISC 03 22:14:21.0:0.9, 43.14N;0.08-0.74W:0.05, n7, <069/67/9, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ATE Aretout, ETFS Etsait, SJJPF Ste Jean, etc.

IDC 03 22:22:42.6:4.7, 20.23N;122.51E, h48km;48km, mb3.3/4, mb1 3.7/5, mb1mx3.5/14, ML3.9/1, Error ellipse: s-maj=51.0km s-min=21.6km az=75.0

JMA 03 22:22:42.7:0.3, 20.72N;122.52E, M4.2

ISC 03 22:42:39.1:4.2, 20.45N;0.08-122.7E:0.1, h78km;16km, n16, <100/27, mb3.5/4, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HATJ Hatjateruma jima, JKRS Kuro-shima, YOJ Yonaguni jima, etc.

IDC 03 22:37:25.2:1.5, 2.81S;139.61E, mb3.7/4, mb1 4.0/5, mb1mx4.0/8, ML3.7/1, Error ellipse: s-maj=67.9km s-min=25.4km az=96.0

NEIC 03 22:37:31.9:1.2, 2.89S;139.44E, h45km;4km, mb4.1/3, Error ellipse: s-maj=42.7km s-min=13.1km az=99.0

ISC 03 22:37:31.6:4.5, 2.95S;0.1-139.0E:0.2, h49km;41km, n11, <182/12, mb3.7/6, Near north coast of Irian Jaya

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

Table with columns: MKAR Makanchi Array, Vnda Vanda, BVAR Boroyevo Array, ILAR Eielson Array.

IDC 03 22:47:09.3:0.6, 1.75S;139.23E, mb4.5/9, mb1 4.7/10, mb1mx4.7/12, ML5.1/1, Error ellipse: s-maj=32.5km s-min=16.5km az=69.0

BUI 03 22:47:15.3:1.6, 4S;139.39E, h59km, mb5.1, mb4.6, Ms4.8, Ms2.4

NEIC 03 22:47:17.3:0.3, 1.90S;139.01E, h60km, mb4.8/10, Error ellipse: s-maj=12.6km s-min=6.7km az=84.0

ISC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

IDC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NANT Nan, KMI Kunming, KMI Kunming, etc.

IDC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CD2 Chengdu, CN2 Changchun, HHC Hu-ho-hao-te, etc.

IDC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

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

IDC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MKAR Makanchi Array, ZAL Zalesovo, KURK Kurchatov, etc.

IDC 03 22:47:12.7:0.4, 1.90S;0.05-139.03E:0.09, h33km, n53, <076/48, mb4.7/29, MS4.6/2, IC, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BVAR Boroyevo Array, BRVK Boroyevo, CHK Chkalovo, etc.

BUI 03 22:50:40.2:2.39S;139.88E, h5km, mb5.0, mb4.9, Ms4.5, Ms3.3

IDC 03 22:50:47.6:0.6, 1.78S;139.04E, mb4.4/9, mb1 4.6/10, mb1mx4.6/12, ML5.0/1, MS4.2/6, Ms1 4.2/8, ms1mx3.9/20, Error ellipse: s-maj=24.7km s-min=11.0km az=91.0

NEIC 03 22:50:48.3:4.2, 1.85S;139.13E, h62km;26km, mb4.7/17, Error ellipse: s-maj=9.3km s-min=6.2km az=65.0

ISC 03 22:50:46.9:3.4, 1.86S;0.04-139.09E:0.08, h82km;21km, h22km;1.7km, p-P, n63, <090/61, mb4.8/33, MS4.2/8, Near north coast of Irian Jaya

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Borovoye Array, NEIC 03 23:05:29.41, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DUSS, DUSS, CSS Prodhroms, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DHMR 03 22:55:56.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DHMR 03 23:17:46.9, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DUS, DUS, MAJO Matsushiro, etc.

3d 23h

Table with station codes (FINES, PDAR, NOA, HFS, TXAR, GERES) and their respective parameters like frequency, power, and error rates.

SKHL 03 23:22:09.0.0.5.46.70N.154.60E, h33km, 4km, mb5.4/8, mbh5.7/3, mbv5.9/4, ms5.2/8, msh5.5/3

NEIC 03 23:22:15.8.0.2.47.01N.153.95E, mb5.1/87, MS4.7/68, Error ellipse: s-maj=6.7km s-min=3.7km az=168.0

IDC 03 23:22:16.2.3.3.47.04N.153.84E, h49km, 31km, mb4.6/26, mb1.4/727, mb1mx4.7/28, ML4.3/1, MS4.5/5, Ms1.4.5/5, ms1mx4.1/25, Error ellipse: s-maj=15.5km s-min=12.3km az=156.0

MOS 03 23:22:18.7.1.4.47.58N.153.77E, h62km, mb5.5/19, MS4.7/19, Error ellipse: s-maj=9.8km s-min=5.7km az=107.4

ISC 03 23:22:14.1.0.2.46.98N.0.04x154.02E.0.03, h44km, h44km, 8km, pP-P, n430, r=1508/407, mb5.2/140, MS4.8/90, 27C-12, East of Kuril Islands

Main station list table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, UGL Uglegorsk, TYV Tymovskoe, etc.

2004 JAN

Table listing various stations (PET, YSS, UGL, TYV, ASAJ, OKH, NKL, MAJO, KLR, MA2, MAJ, MAT) with their parameters and coordinates.

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Table listing stations (MAT, VLA, CLNS, YAK, INCN, JNU, HIA, DL2, ANM, ULN, ULN, BTO, ZAK, IMA, KDKA, TATO, FIB, PMS, MCK, SML, COLA, ILAR, XAN, THY, DIV, ENH, LZH, LZH, DAWY) with their parameters and coordinates.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like INK, CD2, GYA, NVS, DLBC, MKAR, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like KEV, HOPS, WVOR, MSO, TRO, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like RW3, NB2, NOA, ISCO, HFS, WRAB, etc.

Table of astronomical observations for 3d 23h, listing stations like MORC, BRG, KECS, BOYT, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 2000 JAN, listing stations like GRR, LOR, LOR, CSS, VAI, CABF, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 2000 JAN, listing stations like ASAJ, ULJ, ILAR, INK, etc., with columns for station name, time, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, ALID Alaid, PAU Pauzhetka, RUS Russkaya, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS LBOS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

DHMR 04 00:09:39.0 1.2, 11.61N, 43.10E, h6km, 14km, ML5.1

BUJ 04 00:09:43.2, 11.88N, 43.11E, h4km, mB5.2, mb4.9, Ms5.0, Ms24.8

DUSS 04 00:09:44.0 1.0, 3.0, 43N, 33.74E, h15km, Ms6.3

HRVD 04 00:09:46.1, 0.3, 11.81N, 43.33E, h32km, MWS5.3/62

NEIC 04 00:09:46.1, 0.3, 11.64N, 43.19E, h10km, mb5.1/23, MS4.7/9

MOS 04 00:09:48.0, 0.9, 11.72N, 43.13E, h33km, mb5.1/36, MS4.9/20

ISC 04 00:09:44.0 0.3, 11.60N, 0.03, 43.15E, 0.03, h10km, h24km, 1.9km, PP-P, n189, r102/202, mb5.0/67, MS4.9/35, 10C-5D, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UDYN AI Udayn, LBOS LBOS, DHBH Dhamar BB, etc.

Table with columns: GNI, comp=Z, 3um, 19.0s, MS4.8, QUE T12, etc.

Table with columns: GNI, comp=Z, 10.0nm, 1.1s, mb4.6, SOC, etc.

Table with columns: GNI, comp=Z, 20nm, 1.5s, mb4.7, KIV, etc.

Table with columns: GNI, comp=Z, 25nm, 1.4s, mb5.0, GOF, etc.

Table with columns: GNI, comp=Z, 4um, 14.0s, MS5.3, ANN, etc.

Table with columns: GNI, comp=Z, 31nm, 1.2s, mb5.1, HYB, etc.

Table with columns: GNI, comp=Z, 10nm, 0.9s, mb4.8, ANN, etc.

Table with columns: GNI, comp=Z, 30nm, 10.0s, MS4.5, BHP, etc.

Table with columns: GNI, comp=Z, 31nm, 1.2s, mb5.1, HYB, etc.

Table with columns: GNI, comp=Z, 10nm, 0.9s, mb4.8, ANN, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: GNI, comp=Z, 20nm, 1.4s, mb4.7, VRSR, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Montbardon, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, La Plagne, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table with columns: MBDF, comp=Z, 31nm, 1.3s, mb5.0, Bergliesshubel, etc.

Table of station data for 4d 0h, including station names, coordinates, and various parameters like S, P, M, L, R, etc.

Table of station data for 2004 JAN, including station names, coordinates, and various parameters like S, P, M, L, R, etc.

Table of station data for 110, including station names, coordinates, and various parameters like S, P, M, L, R, etc.



2004 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like ORDF, ETSF, Ste Jean, etc.

NEIC 04 00:43:17.6:0.8, 22.32Sx169.58E, h10km, mb4.7/5, Error ellipse: s-maj=37.8km s-min=18.1km az=163.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like DZM, DZM, Rata Peaks, etc.

IDC 04 00:45:48.4:7.7, 9.93N, 137.41E, h84km, 43km, mb4.3/13, mb1.4/4.1, mb1mx4.3/16.1, MS4/0.3, Ms1 4.0/3.

BUIJ 04 00:45:49.1, 7.95N, 137.50E, h119km, mb4.8

NEIC 04 00:45:51.0:3.1, 7.86N, 137.26E, h115km, 30km, mb4.5/10, Error ellipse: s-maj=16.5km s-min=6.0km az=72.0

IDC 04 00:45:44.3:3.6, 7.87N, 137.31E, 0.10, h68km, 34km, h58, d072/55, mb4.6/35, IC-1D, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like TGY, TGY, CBJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like RPZ, MKAR, MKAR, etc.

IDC 04 00:53:25.4:21.0, 35.81N, 71.19E, h138km, 137km, mb3.7/5, mb1 3.8/7, mb1mx3.5/15, ML4.1/2, Error ellipse: s-maj=181.0km s-min=39.0km az=1.0

NEIC 04 00:53:28.9:3.0, 36.15N, 71.10E, h150km, mb3.9/1, Error ellipse: s-maj=55.8km s-min=14.0km az=159.0

NIC 04 00:53:41.2:15.0, 37.17N, 69.71E, mp3/7, Error ellipse: s-maj=123.0km s-min=87.8km az=149.0

IDC 04 00:53:37.5:0.5, 36.66N, 0.04, 71.04E, 0.09, h218km, 6km, n33, d074/36, mb3.7/4, 2C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like CEP, CEP, Chirah Chowk, etc.

LDG 04 01:13:51.8:0.1, 43.10N, 0.41W, h2km, Md1.7/2, M1.5/1, Error ellipse: s-maj=5.0km s-min=2.1km az=172.0

NEIC 04 01:13:52.7, 43.01N, 0.38W, M1.5(LDG), MNO.8(MDD), After MDD.

MDD 04 01:13:52.0:5.43, 05N, 0.37W, h7km, 4km, mBlG0.9/4, Error ellipse: s-maj=3.6km s-min=2.1km az=6.0, P, PRX, N15

IDC 04 01:13:51.2:0.6, 43.05N, 0.05, 0.35W, 0.03, h7km, n10, d091/10, Pyrenees

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like REYF, REYF, Etsaut, etc.

Table with columns: EPOB, Pobllet, Azimuth, Elevation, Lg, Res, Time, h, m, s, Res, ISC. Includes stations like EPOB, Pobllet, etc.

BGR 04 01:14:01.1:14.0, 0.1, 1.49, 50N, 8.50E, h10km, ML1.7/1, Error ellipse: s-maj=16.7km s-min=5.6km az=131.0

LDG 04 01:14:13.3:0.5, 49.30N, 8.61E, h8km, M2.3/1, M1.2/1.5, Error ellipse: s-maj=8.2km s-min=4.6km az=85.0

ISC 04 01:14:09.0:1.1, 49.44N, 0.05, 8.56E, 0.06, h8km, 6km, n9, d0573/17, Germany

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like BFO, BFO, Champ du Feu, etc.

IDC 04 01:20:40.6:6.3, 20.96S, 168.77E, mb3.6/2, mb1 3.8/2, mb1mx3.8/7, Error ellipse: s-maj=258.0km s-min=54.7km az=150.0, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like DZM, DZM, Warramunga Arr, etc.

NEIC 04 01:28:09.1, 1.7, 52.75N, 161.31E, h10km, Error ellipse: s-maj=51.8km s-min=10.9km az=192.0

IDC 04 01:28:09.3:2.5, 52.99N, 161.17E, mb3.7/9, mb1 4.0/9, mb1mx3.8/17, ML4.4/1, MS3.3/1, Ms1 3.3/1, ms1mx2.8/27, Error ellipse: s-maj=70.1km s-min=17.7km az=10.0

KRSC 04 01:28:13.6:2.6, 53.44N, 161.93E, h21km, 7km, ML4.4/3, MOS 04 01:28:14.1:0.7, 53.40N, 161.98E, h38km, mb4.3/4, Error ellipse: s-maj=16.8km s-min=11.6km az=92.5

ISC 04 01:28:14.6:0.5, 53.45N, 0.03, 162.00E, 0.05, h37km, 7km, n54, d091/83, mb3.7/9, MS3.2/1, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, Res, ISC. Includes stations like MKZ, MKZ, Mys Kozlova, etc.

4d 3h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SMY Shemya, ILAR Eielson Array, CBKJ Chichi jima, etc.

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

IDC 04 01:39:42.1, 1.7, 21.925x170.19E, mb3.6/2, mb1 4.0/3, mb1mx3.9/8, ML3.7/1, Error ellipse: s-maj=50.2km, s-min=42.1km az=4.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, etc.

IDC 04 01:40:26.9, 0.9, 22.08Sx169.76E, mb4.4/5, mb1 4.6/6, mb1mx4.6/9, ML3.7/1, Error ellipse: s-maj=31.8km, s-min=27.3km az=137.0

NEIC 04 01:40:28.0, 0.4, 22.09Sx169.76E, h10km, mb4.7/4, Error ellipse: s-maj=13.3km, s-min=12.6km az=64.0

ISIC 04 01:40:26.0, 0.7, 22.15S, 0.1, 169.7E, 0.1, h10km, n34, n15/14, mb4.6/11, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, etc.

IDC 04 01:45:44.7, 1.6, 16.95N-85.90W, mb4.2/12, mb1 4.5/13, mb1mx4.3/18, ML2.7/1, MS3.9/5, Ms1 3.9/5, ms1mx3.5/15, Error ellipse: s-maj=41.7km, s-min=23.9km az=26.0

NEIC 04 01:45:46.0, 5.6, 16.79N-86.06W, h10km, mb4.6/23, Error ellipse: s-maj=7.9km, s-min=6.2km az=156.0

ISIC 04 01:45:43.7, 0.2, 16.78N, 0.02, 86.08W, 0.3, h10km, n109, n1503/113, mb4.5/27, MS3.9/4, 7C-3D, North of Honduras

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SOMN Somoto, CAHU Cacacuatique, CNCH Conchagua, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like COPN Copaltepe, COFN Cofrada, CONN Concepcion, etc.

IDC 04 02:25:39.0, 0.9, 31.39Sx178.93W, h10km, mb4.4/5, Error ellipse: s-maj=20.6km, s-min=14.7km az=118.0

IDC 04 02:25:52.8, 10.0, 32.26Sx178.90W, h142km, 113km, mb4.0/2, mb1 4.2/5, mb1mx4.1/11, ML3.3/2, MS3.7/1, Ms1 3.7/1, ms1mx3.0/10, Error ellipse: s-maj=122.0km, s-min=30.2km az=176.0

ISIC 04 02:25:38.4, 0.9, 31.55S, 0.1x179.1W, 0.2, h10km, n16, n1504/15, mb4.4/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, SNZO South Karori, RPZ Rata Peaks, etc.

JMA 04 02:27:46.7, 0.2, 31.90N, 140.85E, h24km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JHJ2 Mitsune, BSQ2 Boso 2, BSQ3 Boso 3, etc.

IDC 04 02:36:38.0, 12.0, 21.69S-169.61E, mb4.0/2, mb1 4.2/2, mb1mx4.0/7, Error ellipse: s-maj=149.0km, s-min=61.0km az=149.0, Southeast of Loyalty Islands

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

NEIC 04 03:04:23.2, 19.12N-64.59W, h25km, MD3.8(RSPR), After RSPR, RSPR 04 03:04:23.2, 19.12N-64.59W, h25km, 31km, M3.8, 11C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCVI Saint Croix, MTP Monte Pirata, HUMP Hump, etc.

IDC 04 03:05:58.5, 3.3, 21.63Sx169.33E, mb3.9/4, mb1 4.2/4, mb1mx4.1/7, MS3.3/1, Ms1 3.3/1, ms1mx2.9/13, Error ellipse: s-maj=180.0km, s-min=28.0km az=157.0

NEIC 04 03:06:50.0, 8.0, 20.69Sx168.84E, h35km, mb4.5/1, MS4.1/1, Error ellipse: s-maj=34.3km, s-min=19.4km az=155.0

ISIC 04 03:06:04.7, 3.6, 20.65S, 0.2, 168.8E, 0.2, h35km, 30km, n11, n060/10, mb3.9/5, MS3.7/2, Loyalty Islands

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

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IDC 04 02:22:50.1, 3.0, 31.05Sx178.98W, mb4.0/2, mb1 4.2/3, mb1mx4.0/9, ML3.6/1, Error ellipse: s-maj=67.0km, s-min=45.8km az=111.0

NEIC 04 02:22:51.5, 1.2, 31.03Sx179.00W, h10km, mb4.3/1, Error ellipse: s-maj=27.6km, s-min=16.4km az=75.0

ISIC 04 02:22:51.2, 2.9, 31.2S, 0.2, 179.2W, 0.4, h10km, n7, n0529/6, mb4.0/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, ASAR Alice Springs, WB2 Warramunga Arr, etc.

NEIC 04 02:25:39.0, 0.9, 31.39Sx178.93W, h10km, mb4.4/5, Error ellipse: s-maj=20.6km, s-min=14.7km az=118.0

IDC 04 02:25:52.8, 10.0, 32.26Sx178.90W, h142km, 113km, mb4.0/2, mb1 4.2/5, mb1mx4.1/11, ML3.3/2, MS3.7/1, Ms1 3.7/1, ms1mx3.0/10, Error ellipse: s-maj=122.0km, s-min=30.2km az=176.0

ISIC 04 02:25:38.4, 0.9, 31.55S, 0.1x179.1W, 0.2, h10km, n16, n1504/15, mb4.4/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ Urewera, SNZO South Karori, RPZ Rata Peaks, etc.

JMA 04 02:27:46.7, 0.2, 31.90N, 140.85E, h24km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JHJ2 Mitsune, BSQ2 Boso 2, BSQ3 Boso 3, etc.

IDC 04 02:36:38.0, 12.0, 21.69S-169.61E, mb4.0/2, mb1 4.2/2, mb1mx4.0/7, Error ellipse: s-maj=149.0km, s-min=61.0km az=149.0, Southeast of Loyalty Islands

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

NEIC 04 03:04:23.2, 19.12N-64.59W, h25km, MD3.8(RSPR), After RSPR, RSPR 04 03:04:23.2, 19.12N-64.59W, h25km, 31km, M3.8, 11C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCVI Saint Croix, MTP Monte Pirata, HUMP Hump, etc.

IDC 04 03:05:58.5, 3.3, 21.63Sx169.33E, mb3.9/4, mb1 4.2/4, mb1mx4.1/7, MS3.3/1, Ms1 3.3/1, ms1mx2.9/13, Error ellipse: s-maj=180.0km, s-min=28.0km az=157.0

NEIC 04 03:06:50.0, 8.0, 20.69Sx168.84E, h35km, mb4.5/1, MS4.1/1, Error ellipse: s-maj=34.3km, s-min=19.4km az=155.0

ISIC 04 03:06:04.7, 3.6, 20.65S, 0.2, 168.8E, 0.2, h35km, 30km, n11, n060/10, mb3.9/5, MS3.7/2, Loyalty Islands

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

IDC 04 03:15:00.5, 1.9, 24.17Sx115.54W, mb3.5/5, mb1 3.9/5,



2004 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sonseca Array, Vila Real, Braganca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like McKenzie Canyon, Lajitas Array, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VnDA, ZEI Tsey, KIV Kislovodsk, etc.

NEIC 04 04:31:03.3, 32.52S:71.46W, h63km, MD3.7(GUC), After GUC.

NEIC 04 04:49:30.5, 0.3, 1.00N:126.07E, h10km, mb4.5/7, Error ellipse: s-maj=24.7km s-min=6.7km az=76.0.

NEIC 04 05:01:34.7, 0.9, 16.81N:99.50W, h11km, 5km, mb4.8/57, MS4.3/2, MD4.6(MEX), Error ellipse: s-maj=5.5km s-min=3.7km az=204.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Papudo, El Roble, Jach, Illapel, Pudahuel, Rinconada Maip, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, PINIG Pinotepa, etc.

DJA 04 04:39:46.2, 0.3, 8.50S:115.94E, h33km, MD4.6/2, 0, Error ellipse: s-maj=22.0km s-min=7.4km az=124.0, Bali region

NEIC 04 04:53.1, 0.4, 16.43S:176.17E, h10km, mb4.5/2, Error ellipse: s-maj=19.1km s-min=10.8km az=142.0.

NEIC 04 04:53.3, 8.7, 16.45S:176.17E, h10km, mb4.5/2, Error ellipse: s-maj=19.1km s-min=10.8km az=142.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kedondong, Rata, Ingas, Kelakatan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kul'dur, ULN Ulanbaatar, ZAK Zakamansk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNM Barren Site, TUC Tucson, LENM Lemitar, etc.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like JLD, DUG, CTU, etc.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like EBF, BAIF, HCF, etc.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like KMO, KMO, KMO, etc.

Table with 11 columns: CRS, LSTR, IRK, IRL, TLY, TUP, KPC, ARS, ZAK, MOY, ORL, TXAR, ULM, ILAR, INK, etc. Each row lists a station name, coordinates, elevation, and other technical details.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Wahan at Ahsa', Umm Al-Rimmam, Al-Radihah, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Blackbirch Sta, Tophouse, Khatuara, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Makanchi Array, Kurchatov, Karatay Array, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Wanganui, Rainy Point, Dawson Falls, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Chanchung, Enshi, Xian, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Lake Chabot, Columbia Colle, Tungsten Hills, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Wanganui, Rainy Point, Dawson Falls, etc.

Table with 11 columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes data for stations like Shilling, Yreka Blue Hour, Ulanbaatar, etc.

ellipse: s-maj=47.7km s-min=23.9km az=157.0
NEIC 04 06:22:17.7,0.4,22.29S;169.85E,h10km,mb4.8/16,Error
ellipse: s-maj=20.4km s-min=6.9km az=149.0

LDG 04 06:22:17.7,0.4,22.29S;169.85E,h10km,mb4.9/2,Error
ellipse: s-maj=76.6km s-min=13.3km az=155.0
ISC 04 06:22:15.7,0.4,22.56S;107.169E,0.07,h10km,
(hz7km;1.4km;pp-P),n99,0.197/145,mb4.8/31,MS4.4/3,

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including CERKNICA, ROBOC, WATTENBERG, etc.

MOS 04 06:23:07.6;1.1,29.90S;177.65W,h48km,mb5.3/19,
MS4.7/8,Error ellipse: s-maj=17.1km s-min=15.3km
az=66.7

BUJ 04 06:23:07.2,29.69S;177.14W,h51km,mb5.4,mb5.3,
MS4.8,MS2/4

NEIC 04 06:23:08.5;0.2,29.82S;177.65W,mb5.2/23,MS4.7/3,
Error ellipse: s-maj=10.7km s-min=6.2km az=149.2

HRVD 04 06:23:08.5;0.3,30.05S;177.10W,h34km,1km,MW5.2/56,
Centroid moment tensor Solution. LP body waves:

s48,c72,Mantle waves: s56,c88; Half duration: 1s0
Moment tensor: Scale 10^17Nm; Mw:0.04;

Mw:0.10;0.3; Mw-0.60;0.2; Mw:0.05;0.3; Mw:0.20;0.2;
Mw:0.46;0.3; Best double couple: Mw:8.3x10^17 Np1.0;206°,
delta29;1.102; NP2:0.12; delta62;1.83; Principal axes: T: 85,

Plg72; Azm267; N: -0.04, Plg6; Azm15; P: -81, Plg17;
Azm107; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

SYO 04 06:23:08.5,29.82S;177.65W,h49km,mb5.2,MS4.7,
IDC 04 06:23:09.0;0.2,30.27S;177.57W,h54km,27km,mb4.6/8,
mb1.4/8/10,mb1mx4/7/13,ML4.2/2,MS4.1/0,Ms1.4/4/10,
ms1mx4.3/17,Error ellipse: s-maj=36.5km s-min=12.6km
az=152.0

ISC 04 06:23:05.6;0.3,30.53S;104.1775W,0.07,h42km,
h42km;1.1km;pp-P,n241,0.195/99,mb5.1/35,MS4.6/20,
9C-2D, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including HICKS BAY, PUKETITI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including FITZ, KELLERBERN, QSPA, etc.

2020 JAN

4d 7h

Table of station data for the left column, including call signs like WMQ, MKAR, ZAL, ARU, etc., and their associated frequencies and times.

Table of station data for the middle column, including call signs like BSD, COP, KIC, TIC, KWP, etc., and their associated frequencies and times.

Table of station data for the right column, including call signs like WRA, MBWA, NVAR, etc., and their associated frequencies and times.

Special notices and announcements, including 'IDC 04 06:46:47.7, 8.8, 13.12N:142.80E, mb3.6/3, mb1 3.9/3...' and 'NEIC 04 06:46:49.0, 9.0, 13.11N:142.91E, h10km, Error ellipse: s-maj=22.2km s-min=14.3km az=139.0...'.







Table of station data for Alaska and Hawaii, including call signs like CHKZ, BVAR, BRVK, ARU, etc., and their respective frequencies and parameters.

NEIC 04 10:22:49.0, 62.42N-147.03W, h4km, ML3.4(AEIC), After AEIC

ISC 04 10:22:50.2-4.9, 62.65N-147.59W, h15km-28km, mb3.4/4, mb1.3/6.7, mb1mx3.5/18, ML3.3/3, Error ellipse: s-maj=36.1km s-min=20.1km az=68.0

ISC 04 10:22:47.6, 63.6246N, 147.010W, 0.05, h7km-7km, n59, <059/74, mb3.4/A, Central Alaska

Main table of station data for Alaska and Hawaii, listing stations like TOA, TDMM, SML, etc., with their coordinates and parameters.

ISC 04 10:33:43.4-1.6, 42.91S-18.54W, mb4.1/4, mb1.4/4, mb1mx4.3/6, MS3.9/4, M51 3.9/4, mstmx3.8/9, Error ellipse: s-maj=91.9km s-min=26.7km az=178.0

NEIC 04 10:33:46.0, 0.5, 42.35S-18.46W, h10km, mb4.5/6, Error ellipse: s-maj=25.8km s-min=12.8km az=176.0

ISC 04 10:33:44.5-0.7, 42.35S-18.15W, 0.1, h10km, n27,

NEIC 04 10:22:13, mb4.5/1.1, MS3.9/4, Southern Mid-Atlantic Ridge

Table of station data for the Southern Mid-Atlantic Ridge, including stations like TRQA, CPUP, CUPU, etc., with their coordinates and parameters.

DHMR 04 10:39:45.1-0.6, 11.99N-43.59E, h5km-8km, ML3.5, 2C-2D, Ethiopia

Table of station data for Ethiopia, listing stations like UDYN, LBOY, LBOB, etc., with their coordinates and parameters.

NEIC 04 10:51:44.8, 15.44AN-92.41W, h182km, MD4.3(MEX), After MEX

MEX 04 10:51:45.2-0.8, 15.39N-92.43W, h175km-19km, MD4.3, Mexico-Guatemala border region

Table of station data for the Mexico-Guatemala border region, listing stations like CCIG, CMIG, HUIG, etc., with their coordinates and parameters.

ISC 04 10:53:19.1-3.5, 40.21N-78.03E, mb3.6/2, mb1.3/5.4, mb1mx3.4/15, ML2.6/2, Error ellipse: s-maj=69.1km s-min=22.8km az=130.0

BUJ 04 10:53:24.3, 40.44N-77.82E, h33km, ML3.1

ISC 04 10:53:21.7, 1.6, 40.1N, 0.1, 78.5E, 0.1, h33km, n17, <1504/21, mb3.5/2.1C-1D, Southern Xinjiang

Main table of station data for the Xinjiang region, listing stations like KSH, ULHL, KZA, etc., with their coordinates and parameters.

NEIC 04 10:55:01.8, 47.10N-7.59E, h10km, ML2.7(VIE), ML2.6(LDG), ML2.4(STR), After STR

STR 04 10:55:01.8, 47.10N-7.59E, h10km-1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 04 10:55:01.8, 47.10N-7.57E, h15km, ML2.0/13 LDG 04 10:55:02.0, 47.11N-7.58E, h3km, M2.8/3, M12.6/17, Error ellipse: s-maj=0.8km s-min=0.6km az=108.0

BGR 04 10:55:02.6, 47.12N-7.58E, h10km, ML2.2/2, Error ellipse: s-maj=5.6km s-min=3.3km az=15.0

ISC 04 10:55:00.2, 47.10N, 0.1, 75.2E, 0.02, h6km-3km, n79, <110/135, 13C-14D, Switzerland

Table of station data for Switzerland, listing stations like Code, Station Name, etc., with their coordinates and parameters.

Table of station data for the Xinjiang region, listing stations like BALST, BOURR, BOURN, etc., with their coordinates and parameters.

FLACH Flach 5.8nm, 0.4s

Table of station data for the Flach region, listing stations like FLACH, KIRZ, etc., with their coordinates and parameters.

WILA Wila 3.1nm, 0.3s

Table of station data for the Wila region, listing stations like WILA, SALAN, etc., with their coordinates and parameters.

CHAMP Champ du Feu 1.32 353 ePg

Table of station data for the Champ du Feu region, listing stations like CHAMP, HAU, etc., with their coordinates and parameters.

BFO Black Forest SNR=3.7

Table of station data for the Black Forest region, listing stations like BFO, KAMOR, etc., with their coordinates and parameters.

GUT Guttenstein 1.46 47 PN

Table of station data for the Guttenstein region, listing stations like GUT, THEF, etc., with their coordinates and parameters.

MEZ Maizieres Jvi 2.17 311 ePn

Table of station data for the Maizieres Jvi region, listing stations like MEZ, HDH, etc., with their coordinates and parameters.

LOR Lormes 2.50 275 ePn

Table of station data for the Lormes region, listing stations like LOR, etc., with their coordinates and parameters.



Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for KBK, TKM2, AB31.

IDC 04 12:03:18.7z, 2.0, 5.01S:153.96E, mb3.8/4, mb1 4.1/4, mb1mx3.9/9, Error ellipse: s-maj=87.7km s-min=26.6km

ISC 04 12:03:28.5z, 2.5, 4.5S, 0.4, 154.2E, 0.5, h100km, n6,  $\alpha$ =115.6, mb3.7/5, Bougainville - Solomon Islands region

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for WB2, WRA, ASAR, FITZ, MKAR, ILAR.

NEIC 04 12:05:53.1, 18.39N, 103.18W, h2km, MD4.0 (MEX), After MEX.

MEX 04 12:05:53.1, 0.6, 18.39N, 103.18W, h2km, 1.6km, MD4.0, Near coast of Michoacan

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for COLM, CJM, CJM, CJM, SFJM, SFJM, MOIG, MOIG.

DJA 04 12:15:47.0, 7.0, 8.50S:115.94E, h46km, 8km, MD4.5/2, ML4.1/1, 3C-5D, Error ellipse: s-maj=21.0km

s-min=13.3km az=148.0, Ball region

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for KEDI, KEDI, RATI, RATI, INGI, INGI, KELI, KELI.

IDC 04 12:18:48.6z, 1.1, 16.03N:145.28E, mb4.0/8, mb1 4.2/8, mb1mx4.0/15, MS3.2/3, Ms1 3.2/3, ms1mx2.9/20, Error ellipse: s-maj=40.1km s-min=28.0km az=86.0

NEIC 04 12:18:50.2z, 1.0, 15.38N:145.38E, h100km, n13,  $\alpha$ =0511/12, mb3.8/7, Tonga Islands

ISC 04 12:18:48.0z, 9.1, 16.0N, 0.2, 145.2E, 0.2, h100km, n12,  $\alpha$ =192.9, mb4.0/8, Mariana Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for CBJJ, JHJ, JOW, JOW, KUNIGAMI, WRA, ZAL, MKAR, KURK, BVAR, YKA, ARCES, NVAR, FINES.

IDC 04 12:42:50.1z, 1.0, 22.00S:169.69E, mb4.2/5, mb1 4.5/6, mb1mx4.4/9, ML3.6/1, MS3.5/4, Ms1 3.5/4, ms1mx3.4/10, Error ellipse: s-maj=30.0km s-min=27.1km az=137.0

NEIC 04 12:42:51.9z, 0.6, 22.03S:169.67E, h100km, mb4.8/3, Error ellipse: s-maj=17.8km s-min=15.9km az=55.0

ISC 04 12:42:56.9z, 1.6, 22.16S: 0.09:169.65E, 0.09, h66km, 14km, n24,  $\alpha$ =886/16, mb3.8/3, I, C, Southeast of Loyalty Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for DZM, DZM, DZM, PVC, URZ, URZ, RPZ, RPZ, ASAR, ASPA, WRA, WRA, KAKA, MBWA, ENH, NVAR, ILAR, TXAR, MKAR, ARCES, FINES, KSP, CLL, MOX, SKO, GHER, GHER.

IDC 04 12:57:35.5z, 0.8, 17.95S:174.51W, mb4.1/10, mb1 4.1/10, mb1mx4.3/13, Error ellipse: s-maj=43.2km s-min=18.0km az=136.0

NEIC 04 12:57:37.4z, 0.3, 17.97S:174.52W, h100km, mb4.4/7, Error ellipse: s-maj=19.1km s-min=8.5km az=136.0

ISC 04 12:57:35.9z, 0.4, 18.0S:0.1, 174.6W, 0.1, h100km, n26,  $\alpha$ =886/25, mb4.1/7, Tonga Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for URZ, RPZ, WB2, WRAB, WRA, ASAR.

ISC 04 12:57:35.9z, 0.4, 18.0S:0.1, 174.6W, 0.1, h100km, n26,  $\alpha$ =886/25, mb4.1/7, Tonga Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for ASPA, GSPA, YBH, NVAR, NVAR, TPNV, ELK, TXAR, PV10, PV10, MCK.

IDC 04 12:58:26.1z, 3.1, 17.78S:174.59W, mb3.9/5, mb1 4.3/5, mb1mx4.1/9, Error ellipse: s-maj=187.0km s-min=26.6km az=150.0

NEIC 04 12:58:27.9z, 1.3, 17.72S:174.65W, h100km, mb4.3/2, Error ellipse: s-maj=78.2km s-min=13.8km az=152.0

ISC 04 12:58:37.6z, 1.7, 17.85S:0.7, 174.8W, 0.4, h100km, n13,  $\alpha$ =0511/12, mb3.8/7, Tonga Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for DZM, WRA, ASAR, NVAR, PV10, MCMT, CLMT, BWOE, PDAR, COLA, ILAR, BOZ, MOX.

IDC 04 13:05:49.4z, 2.0, 5.04S:154.01E, mb3.9/4, mb1 4.2/4, mb1mx4.0/9, Error ellipse: s-maj=90.2km s-min=26.4km az=123.0

NEIC 04 13:06:04.4z, 3.8, 5.38S:154.19E, h133km, 24km, mb4.3/1, Error ellipse: s-maj=58.5km s-min=13.8km az=115.0

ISC 04 13:06:04.2z, 5.4, 5.43S:0.3, 154.1E, 0.5, h143km, 35km, n9, Error ellipse: s-maj=64.9, mb3.8/5, Bougainville - Solomon Islands region

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for RAB, PMG, WRAB, WB2, WRA, ASAR, FITZ, MKAR, ILAR.

IDC 04 13:10:22.5z, 3.2, 40.21N:50.56E, mb3.8/3, Error ellipse: s-maj=177.1km s-min=31.5km az=32.0

NEIC 04 13:10:24.1z, 1.7, 40.22N:50.57E, h100km, Error ellipse: s-maj=47.2km s-min=19.5km az=218.0

NIC 04 13:10:05.4z, 150.0, 41.49N:54.32E, mpv3.0, Error ellipse: s-maj=1969.6km s-min=1057.1km az=74.0

ISC 04 13:10:34.4z, 1.6, 41.41N, 0.2, 50.9E, 0.1, h33km, n8,  $\alpha$ =684/8, mb3.7/3, I, C, Caspian Sea

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for AB31, AB31, KK31, MKAR, FINES, SPITS, ASAR.

IDC 04 13:10:35.3z, 5.1, 21.60S:170.63E, mb4.1/3, mb1 4.4/3, mb1mx4.2/7, Error ellipse: s-maj=226.0km s-min=34.1km az=151.0, Southeast of Loyalty Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for DZM, ARMA, ASPA, ASAR, WRA, FITZ, ILAR, GHER.

JMA 04 13:12:58.9z, 0.4, 44.15N:148.32E, M3.6, Kuril Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for DZM, ARMA, ASPA, ASAR, WRA, FITZ, ILAR, GHER.

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for NEM2, NEM2, JRA, JNK, JAK, JAR, JAR, JCH, JHB, JKB, KAYABA.

MOS 04 13:29:38.7z, 1.2, 54.84N:163.62E, h47km, mb4.6/18, Error ellipse: s-maj=10.0km s-min=7.5km az=93.4

BUI 04 13:29:37.7z, 55.15N:162.78E, h13km, mb4.6, mb4.6, Ms4.4, Ms2.4.2

KRSC 04 13:29:39.1z, 1.5, 54.79N:163.75E, h40km, 5km, ML5.1, NEIC 04 13:29:40.9z, 1.2, 54.90N:163.51E, h42km, 11km, mb4.5/13, Error ellipse: s-maj=70.5km s-min=7.0km az=181.0

IDC 04 13:29:40.6z, 0.7, 54.90N:163.33E, h33km, 3km, mb3.8/18, mb1 4.0/19, mb1mx4.0/20, ML4.2, MS3.6/3, Ms1 3.6/3, ms1mx3.0/19, Error ellipse: s-maj=18.9km s-min=12.9km az=173.0

ISC 04 13:29:39.3z, 0.4, 54.81N, 0.0, 2.163.70E, 0.0, h51km, 3km, n137,  $\alpha$ =121/181, mb4.4/42, MS3.8/7, 1C-2D, Off east coast of Kamchatka Peninsula

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for MKZ, MKZ, BKI, BKI, BKI, BKTR, KBTR, KBG, KBG, KRUT, KRUT, ZLN, ZLN.

IDC 04 13:30:42.1z, 1.0, 16.03N:145.28E, mb4.0/8, mb1 4.2/8, mb1mx4.0/15, MS3.2/3, Ms1 3.2/3, ms1mx2.9/20, Error ellipse: s-maj=40.1km s-min=28.0km az=86.0

NEIC 04 13:30:43.0z, 1.0, 15.38N:145.38E, h100km, n13,  $\alpha$ =0511/12, mb3.8/7, Tonga Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for TUMR, TUMR, CIRR, CIRR, LGINR, LGINR, KMN, KMN, SVLR, SVLR, KRSR, KRSR, KLY, KLY, KLY, KLY, KPT, KPT, KOZ, KOZ, KII, KII, KII, KII, SRDR, SRDR, SPN, SPN, SPN, SPN, ESO, ESO.

ISC 04 13:30:42.1z, 1.0, 16.03N:145.28E, mb4.0/8, mb1 4.2/8, mb1mx4.0/15, MS3.2/3, Ms1 3.2/3, ms1mx2.9/20, Error ellipse: s-maj=40.1km s-min=28.0km az=86.0

NEIC 04 13:30:43.0z, 1.0, 15.38N:145.38E, h100km, n13,  $\alpha$ =0511/12, mb3.8/7, Tonga Islands

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for SMAR, SMAR, UGLR, UGLR, AVA, AVA, KOK, KOK, KOK, KOK, PET, PET, PET, PET, PET, PET, ESO, ESO.

IDC 04 13:31:05.4z, 150.0, 41.49N:54.32E, mpv3.0, Error ellipse: s-maj=1969.6km s-min=1057.1km az=74.0

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for GNL, GNL, KRMR, KRMR, RUS, RUS, RUS, RUS, RUS, RUS, APC, APC, APC, OSSR, OSSR, MIPR, MIPR, PAU, PAU, PAU, FX1, FX1, FX1, SKR, SKR, SKR, SKR, SKR, SKR, SKR, SKR, SKR, SKR.

IDC 04 13:31:05.4z, 150.0, 41.49N:54.32E, mpv3.0, Error ellipse: s-maj=1969.6km s-min=1057.1km az=74.0

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for ALID, ALID, SHMY, SHMY, KAMR, KAMR, MA2, MA2, MA2, ASAJ, ASAJ, ASAJ, YAK, YAK, YAK, YAK.





Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LDF, ILAR, MTLF, BGF, AVF, SSF, QSPA, SMF, LOR, SMR, MEZF, GIVF, ORIF, CABF, DAVOX, SYO, MKAR, MKAR, MKAR, ASAR, ASAR, ASPA, WB2, WRA, GTA, KAKA, LZH, FTZ, XAN, KOLN, GKN, KKN, PKI, JIRN, GYA, KMI.

NEIC 04 16:48:43.8, 39.82N-39.24E, h17km, MD3.1, (ISK), After ISK. ISK 04 16:48:43.8, 39.82N-39.24E, h17km, MD3.1, Turkey. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

TAP 04 16:53:48.8, 22.61N, 121.26E, h33km, ML3.2. JMA 04 16:53:49.7, 0.7, 22.64N, 121.49E, h36km. ISC 04 16:53:50.9, 3.1, 22.7N, 0.5, 121.5E, 0.3, h33km, n5, 0524/8, Taiwan region. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

TAP 04 17:37:43.9, 22.96N, 121.26E, h24km, ML3.3. JMA 04 17:37:46.1, 0.6, 22.87N, 121.51E, h78km. ISC 04 17:37:45.7, 2.6, 22.9N, 0.2, 121.6E, 0.2, h24km, n5, 0576/9, Taiwan region. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 17:49:50.9, 4.3, 48.87S, 122.30E, mb3.9/2, mb1 4.2/2, mb1mx3.4/0, M3, 8.4, M3 1.3/8, M3 1.3/8, M3 1.3/8, M3 1.3/8, Error ellipse: s-maj=279.0km s-min=59.5km az=103.0, Western Indian-Antarctic Ridge. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 17:50:09.8, 6.0, 21.12S, 169.21E, mb3.7/2, mb1 4.0/3, mb1mx3.9/7, Error ellipse: s-maj=269.0km s-min=34.7km az=150.0, Southeast of Loyalty Islands. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

KRSC 04 17:54:47.0, 2.7, 54.81N-162.33E, h15km, 2km, ML3.8, Near east coast of Kamchatka Peninsula. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

LDG 04 18:01:08.2, 0.5, 42.77N, 0.87W, h2km, Md1, 8/2, M1.3/1, Error ellipse: s-maj=12.4km s-min=2.3km az=10.0. MDD 04 18:01:09.8, 0.9, 42.87N, 0.83W, mbLg0.6/3, Error ellipse: s-maj=13.1km s-min=2.3km az=17.0, PRXIMO SOLUCION POBRE. ISC 04 18:01:09.1, 1.6, 42.9N, 0.2, 0.83W, 0.07, n5, 0583/17, Pyrenees. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:11:50.8, 1.0, 52.01N, 176.92E, mb3.4/6, mb1 3.8/7, mb1mx3.7/18, ML3.3/17, Error ellipse: s-maj=30.3km s-min=19.2km az=163.0. ISC 04 18:11:51.1, 6.0, 52.0N, 0.2, 177.0E, 0.1, h12km, 37km, n7, 0511/8, mb3.4/6, Rat Islands. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:18:20.5, 16.85N, 100.09W, h5km, MD3.6, (MEX), After MEX. MEX 04 18:18:20.4, 0.8, 16.84N, 100.10W, h5km, MD3.6, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:19:01.8, 16.72N, 99.92W, h5km, MD3.9, (MEX), After MEX. MEX 04 18:19:01.9, 0.5, 16.72N, 99.92W, h5km, 7km, MD3.9, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:24:52.6, 7.0, 20.13S, 70.16W, h64km, 54km, mb3.5/3, mb1 3.8/5, mb1mx3.6/11, ML3.9/2, Error ellipse: s-maj=93.1km s-min=37.0km az=53.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:24:56.7, 1.4, 20.4S, 70.5W, 0.2, h33km, n6, 0596/5, mb3.8/3, Near coast of northern Chile. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:24:56.7, 1.4, 20.4S, 70.5W, 0.2, h33km, n6, 0596/5, mb3.8/3, Near coast of northern Chile. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:36:12.6, 6.5, 19.97S, 167.80E, mb3.9/2, mb1 4.2/2, mb1mx4.0/7, Error ellipse: s-maj=260.0km s-min=70.2km az=158.0, Vanuatu Islands region. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

NEIC 04 18:36:56.2, 0.3, 22.38S, 169.97E, h10km, mb4.9/17, MS4.5/7, Error ellipse: s-maj=9.1km s-min=7.6km az=159.0. HRVD 04 18:36:56.2, 0.4, 22.51S, 169.70E, h20km, 1km, MW5.0/55, Centroid moment Tensor Solution. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

LDG 04 18:36:57.8, 0.3, 21.51S, 170.02E, h10km, MB4.9/2, MS4.3/6, Error ellipse: s-maj=27.1km s-min=4.6km az=160.0. ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. ISC 04 18:36:54.9, 0.3, 22.42S, 0.07, 169.92E, 0.07, h10km, 4D, Southeast of Loyalty Islands. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 04 18:37:02.2, 6.9, 22.51S, 169.92E, h56km, 63km, mb4.6/13, mb1 4.7/14, mb1mx4.7/15, MS4.1/7, Ms1 4.1/7, ms1mx3.9/11, Error ellipse: s-maj=29.0km s-min=20.5km az=17.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.



Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lanzhou, Yreka Blue Hor, Tungsten Hills, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMO Kumora, YMO Uoyan, NIZ Nizh Angarsk, etc.

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

IDC 04 19:12:53.5-3.8,21.01Sx176.09W,mb3.5/4,mb1 3.9/4, m-bm=29.6km az=151.0,FI Islands region

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

BYKL 04 19:21:44.3-0.3,56.06Nx111.37E,Felt I=II MSK at Kumora, Uoyan

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

NEIC 04 19:31:11.3, 19.28N-64.58W, h25km, mb3.8/4, MD4.2(RSPR) After RSPR

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTP Monte Pirata, CPB Cerro la Pandu, etc.

Table listing astronomical observations for 4d 19h, including columns for Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res, and ISC.

Table listing astronomical observations for 2004 JAN, including columns for Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res, and ISC.

Table listing astronomical observations for 2004 JAN, including columns for Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res, and ISC.

IDC 04 19:36:57.14.5, 16S:-151.72E, mb3.9/5, mb1.4/3/5, mb1mx4.3/8, Error ellipse: s-maj=75.6km s-min=25.3km az=127.0

NEIC 04 19:37:05.33.3, 5.30S:-151.67E, h56km,29km, Error ellipse: s-maj=55.6km s-min=22.5km az=129.0

ISC 04 19:37:03.14.8, 5.25S:-151.6E, 0.4, h45km,41km, Res =15018/m, mb3.9/5, New Britain region

Table listing station names and coordinates for the New Britain region, including stations like Port Moresby, Warramunga Arr, and Alice Springs.

NEIC 04 19:40:38.3, 19.26N:-64.65W, h25km, MD3.9(RSPR), After RSPR.

RSPR 04 19:40:38.3, 19.26N:-64.65W, h25km, 31km, M3.9, 17C-2D, Virgin Islands

Table listing station names and coordinates for the Virgin Islands region, including stations like Monte Pirata, Saint Croix, and San Juan.

NEIC 04 19:43:25.1, 19.16N:-64.17W, h25km, MD3.7(RSPR), After RSPR.

RSPR 04 19:43:25.1, 19.16N:-64.17W, h25km, 31km, M3.7, ISC 04 19:43:24.9, 1.8, 19.1N:0.2-64.4W:0.1, h25km, n13, 60F3020, 11C, Virgin Islands

Table listing station names and coordinates for the Virgin Islands region, including stations like Monte Pirata, Canovanas, and San Antonio.

IDC 04 19:52:01.6, 1.8, 53.78N:-163.16W, mb4.0/12, mb1.4/2/15, mb1mx4.0/22, ML3/3/3, Error ellipse: s-maj=42.8km s-min=20.1km az=5.0

NEIC 04 19:52:03.7, 2.1, 53.50N:-163.18W, h23km, mb4.6/14, ML4.0(AEIC), Error ellipse: s-maj=13.2km s-min=4.6km az=173.0

BUI 04 19:52:03.7, 53.50N:-163.20W, h23km, mb5.0, mb4.7, Ms4.8, Msz4.3

ISC 04 19:52:01.3-1.5, 53.40N:-0.06, 163.10W:0.06, h21km, 9km, az=173.0

Table listing station names and coordinates for the Unimak Island region, including stations like West Dahl East, West Dahl South, and Unalaska Valle.

Table listing station names and coordinates for the Chile region, including stations like Majeik LS, Katmai Barrier, and Chino Pota.

Table listing station names and coordinates for the Chile region, including stations like Gangesi, Kungu, and Gangesi.

Table listing station names and coordinates for the Chile region, including stations like Gangesi, Kungu, and Gangesi.

Table listing station names and coordinates for the Chile region, including stations like Gangesi, Kungu, and Gangesi.

GUC 04 19:58:13.9, 1.1, 32.66S:-72.34W, h30km, 3km, ML4.3

NEIC 04 19:58:13.9, 32.66S:-72.34W, h30km, ML4.3(GUC), After GUC.

IDC 04 19:58:49.6:28.0, 30.37S:-71.53W, h146km, 210km, mb3.0/1, mb1.3/4/3, mb1mx3.3/1, ML3.7/2, Error ellipse: s-maj=271.0km s-min=47.4km az=36.0, Low Confidence

ISC 04 19:57:11.8:1.0, 32.62S:-0.03, 72.48W:0.05, h22km, 7km, n11, 05F753, mb3.5/1, 10C-7D, Off coast of central Chile

Table listing station names and coordinates for the Chile region, including stations like Papudo, Las Cruces, El Roble, and Antumapu.



4d 21h

Table listing stations (e.g., SSE, MAJO), their coordinates, and associated data points such as elevation, frequency, and signal quality.

2005 JAN

Table listing stations (e.g., ULN, GGT, ZAK), their coordinates, and associated data points such as elevation, frequency, and signal quality.

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Table listing stations (e.g., ILAR, DIV, STKA), their coordinates, and associated data points such as elevation, frequency, and signal quality.

Table with columns: NOA, comp, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NORAS Array S, KAMS Al Khnasir, TATS Tathlith, etc.

Table with columns: TXAR, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lajitas Array, La Paz, JMA 04 21:18:07.8, etc.

Table with columns: NWAO, STKA, ENH, ARMA, MAT, ULN, RPZ, MKAR, BVAR, YKA, CPUP, LPAZ, TAP, NEIC, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Charters Tower, Enshi, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CSB, SJJ, SJS, SJC, SJA, CELP, AOPR, OBIP, OBIP, OBIP, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like QLMT, BGU, NEN, NEN, NEN, etc.

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

Table with columns for station name, frequency, power, and signal quality. Includes stations like LSA Lhasa, HYB Hyderabad, and ARU Arti.

Table with columns for station name, frequency, power, and signal quality. Includes stations like ZAK Zakamensk, KMI Kunming, and GYV Guiyang.

Table with columns for station name, frequency, power, and signal quality. Includes stations like GERES Geres, KHC Kasperske Hory, and MOXA Moxa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like La Plagne, They Montfort, Bardonecchia, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like MOS 04 23:37:03.5, NEIC 04 23:37:06.2, etc.



ASAR Alice Springs 47.97 254 P 00 01 51.4 +0.2
ILAR Eielson Array 85.16 12 P 00 05 47.0 0.0

IGQ 04 23:53:52.8, 1.275-79.73W, h127km, 5km, mb4.1, 7C-11D, Error ellipse: s-maj=2.4km s-min=1.5km az=145.1, Ecuador

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like QIL1, JAMA, CUSU, etc.

IDC 04 23:56:24.4 1.1, 3.53S, 140.42E, mb4.0/3, mb1.4/5.4, mb1mx4.5/5, ML4.5/1, MS3.1/2, Ms1.1/2, ms1mx2.8/13, Error ellipse: s-maj=53.1km s-min=26.4km az=93.0, NEIC 04 23:56:25.8 0.5, 3.56S, 140.43E, h10km, mb4.7/3, Error ellipse: s-maj=19.4km s-min=7.9km az=105.0, ISC 04 23:56:29.8 2.5, 3.70S, 0.08-140.2E, h49km, 22km, n17, c0594/20, mb4.2A, MS2.8/1, Irian Jaya

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like KAKA, WRAB, WB2, WRA, WRR, FITZ, ASAR, etc.

NEIC 05 00:12:20.9, 19.13N-64.66W, h25km, MD3.7(RSPR), After RSPR, RSPR 05 00:12:20.9, 19.13N-64.66W, h25km, 31km, M3.7, ISC 05 00:12:20.0 1.4, 19.02N-0.08-64.79W-0.06, h25km, n14, c0557/21, 12C, Virgin Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like MTP, SCVI, HUMP, CPD, etc.

BUJ 05 00:13:39.2 2.1, 75S, 169.91E, h7km, mb5.1, MB5.2, Ms4.7, Ms4.4, NEIC 05 00:13:40.5 0.2, 22.07S-169.62E, h10km, mb5.1/17, MS4.6/6, Error ellipse: s-maj=9.6km s-min=6.3km az=148.0, MOS 05 00:13:40.2 1.4, 22.03S-169.50E, h10km, mb5.2/15, Error ellipse: s-maj=13.9km s-min=13.6km az=38.7, SYO 05 00:13:40.5 2.2, 07S-169.62E, h10km, MB5.1, MS4.6, HRVD 05 00:13:40.5 0.4, 22.12S-169.40E, h22km, 1km, MW5.1/48, Centroid moment Tensor Solution. LP body waves: s29, c36, Manille waves: s48, c73, Half duration: t\* Moment tensor: Scale 10^19Nm, Mw=5.28, Mw2: 9.21, Mw: 2.36, 2.1; Mw0.78: 39; Mw: 2.91; 1.6; Mw: 0.47; 3.9; Best double couple: M5.49x10^16 NP1: 135, 84; 1, 86; NP2: 310, 850; 1, 93; Principal axes: T: 5.63, Plg45, Azm42; N-27, Plg2; Azm312; P-5.36, Plg85, Azm193; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s, LDG 05 00:13:41.8 0.2, 21.50S-169.58E, h10km, Mb5.1/2, Ms4.3/6 Error ellipse: s-maj=22.2km s-min=3.5km az=159.0, IDC 05 00:13:45.0 0.7, 22.15S-169.53E, h41km, 4km, mb4.6/11, mb1.4/7.12, mb1mx4.7/13, ML4.1/1, MS4.3/7, Ms1.4/3.7, ms1mx4.1/9, Error ellipse: s-maj=28.3km s-min=18.2km az=161.0, ISC 05 00:13:42.1 0.3, 22.11S-0.05-169.55E-0.05, h28km, h28km, 3.4km, P-P, n192, c0595/93, mb5.0/41, MS4.4/17, 7C-13D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like DZM, DZM, PVC, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like PVC, URZ, ARMA, RPZ, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes stations like HHC, LZH, SNA, etc.

5d 1h

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes events like FINES FINES, NOA NORRAR Array B, CRVS Cervenica-Dubn, etc.

Table of seismic events: MKAR Makanchi Array, INK Inuvik, ARCER ACCESS Array B, FINES FINES Array B, PDAR Pinedale Array.

CASC 05 00:18:51.7-17.12.09N:88.34W, h10km, gkm, MD3.9. Table listing station names like CNCH, VSM, BLLM, CAHU, LCBS, LFRS, SBL, SNE, RTR, MTOT, JCR, PRSI, LAJ, URSC.

KRCO 05 00:22:31.8-15.56.16N:163.12E, h9km, 3km, ML4.0. Table listing station names like KBTR, KRG, KBG, SVLR, ZLN, ZLY, KPT, KMN, MKZ, BKI, KOZ, ESO, AVH, GNL.

NEIC 05 00:34:13.7, 38.72N-22.07E, h22km, ML3.1(ATH). Table listing station names like Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals.

NEIC 05 00:45:27.8, 19.36N-64.54W, h25km, 31km, M3.8, 15C-1D. Table listing station names like MTP, MCV, SCVI, CBYP, HUMP, JAN, LIT, ATH, AOS, ITM, PTL, KZN, PLG, KNT, SRS, MEV.

NEIC 05 00:52:47.4, 8.1, 13.97N-92.16W, mb3.6/5, mb1 4/0/6. Table listing station names like MTP, MCV, SCVI, CBYP, HUMP, JAN, LIT, ATH, AOS, ITM, PTL, KZN, PLG, KNT, SRS, MEV.

Table of seismic events: JAT, CCIG, CCIG, IKG, SCX, CMIG, CMIG, RTR, RTR, SBL, LFRS, OXX, TXAR, GDL, CPX, PDAR, ULM, YKA, YKA, INK, ILAR.

Table of seismic events: EDZ, MARZ, MARZ, TAZ, LRZ, URZ, URZ, WIZ, WIZ, NOZ, KATZ, KNZ, PUZ, PUZ, MZ, HBZ, HBZ, OIZ, TUWZ, FWWZ, FWWZ, DRZ, PWZ, PWZ, Wanganui, BFZ, MTW, CAW, KHZ, MOZ.

IDD 05 01:19:01.0-1.9, 19.45N-64.73W, mb3.5/4, mb1 3.9/5, mb1mx3.6/16, ML3.0/1, Error ellipse: s-maj=45.5km, s-min=36.7km az=165.0

Table of seismic events: MTP, MTP, MTP, SCVI, SCVI, HUMP, HUMP, CPD, CPD, CSB, CSB, IDE, IDE, BB, BB, ROS, ROS, PDAR, PDAR, YKA, ESDC, ILAR.

CASC 05 01:37:58.5-2.1, 12.52N-88.32W, h36km, 738km, MD3.7, ML3.4

INET 05 01:37:59.6, 12.39N-88.10W, h1km, MD3.3, ML3.4

Table of seismic events: CNCH, CNCH, VSM, VSM, BLLM, BLLM, SNVI, CRIN, PYN, PYN, YKA, CHIN, CHIN, CAHU, CAHU, LCBS, LCBS.

IDD 05 00:16:15-19.0, 15.62N-144.19E, h35km, 200km, mb3.3/6, mb1 3.5/6, mb1mx3.3/13, Error ellipse: s-maj=50.5km s-min=36.7km az=48.0, Mariana Islands region

Table listing station names: WRA Warramunga Arr, 36.64 196 P P, Time Res 02 22 49.8 -1.5

Table with columns: LFRS, LEON, LBRS, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like El Faro, Leon, Las Brisas, Telica 3, etc.

Table with columns: IDC 05 01:49:32.3, 0.22, 31S, 169.63E, mb3.9/5, mb1 4.2/6, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mont Dzumac, Urewhera, Rata Peaks, etc.

Table with columns: NEIC 05 02:03:59.3, 38.55S, 175.80E, h146km, After WEL, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RATZ, MGZ, KAVZ, etc.

Table with columns: NEIC 05 02:53:16.6, 1.3, 43.60N, 104.00W, h5km, MN2.8, Error ellipse: s-maj=18.3km, s-min=9.3km, az=93.0, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAVZ, BFZ, KIW, etc.

Table with columns: NEIC 05 02:53:16.6, 1.3, 43.60N, 104.00W, 0.1, h5km, n17, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSSD, ISCO, BW06, etc.

Table with columns: PDAR, PDAR, YMR, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cedar Bluff, Bozenan (W), HWUT, etc.

NEIC 05 03:05:27.0, 7.6, 77N, 72.96W, h155km, 7km, mb4.5/24, Error ellipse: s-maj=8.0km, s-min=6.8km, az=89.0, etc.

ISC 05 03:05:27.0, 7.6, 77N, 72.96W, h155km, 7km, mb4.5/24, Error ellipse: s-maj=16.9km, s-min=9.6km, az=105.0, etc.

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

NEIC 05 03:05:27.0, 7.6, 77N, 72.96W, h155km, 7km, mb4.5/24, Error ellipse: s-maj=18.9km, s-min=14.2km, az=60.0, etc.

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

NEIC 05 02:03:58.7, 0.3, 38.53S, 175.79E, h154km, 2km, ML3.9/7, Error ellipse: s-maj=2.9km, s-min=2.4km, az=0.0, North Island

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

Table with columns: YKA, YKA, YKA, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yellowknife Ar, Dease Lake, Toumudi, etc.

NEIC 05 03:12:50.1, 0.7, 12.78N, 0.77-0.88, 74W, 0.05, h89km, 5km, n31, etc.

CASC 05 03:12:51.0, 1.9, 12.69N, 88.79W, h38km, 277km, MD3.9, ML3.5

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

NEIC 05 03:22:05.6, 19.29N, 64.61W, h25km, MD3.8(RSPR), After RSPR

RSPR 05 03:22:05.6, 19.29N, 64.61W, h25km, 31km, M3.8, 15C-2D, Virgin Islands

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

NEIC 05 03:22:05.6, 19.29N, 64.61W, h25km, 31km, M3.8, 15C-2D, Virgin Islands

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

Table with columns: Station, Time, Res, and other parameters. Includes stations like CELP, AOPR, AOPR, Obispo Ponce, etc.

MOS 05 03:30:10.7-1.3, 55.05N:110.59E, h5km, mb4.0/1, Error ellipse: s-maj=26.3km s-min=23.3km az=84.0

BYKL 05 03:30:10.2-0.2, 55.06N:110.58E, h7km, 5km, 5C-1D, Lake Baykal region

Main table for the left column containing station data, codes, and times. Includes stations like YLYR, YLYR, YLYR, etc.

Table with columns: Station, Time, Res, and other parameters. Includes stations like TUP, TUP, KPC, etc.

MOS 05 03:30:10.7-1.3, 55.05N:110.59E, h5km, Mw4.3 Best double couple: M3.73x10^15 NP1=248°, 664°, 146°. NP2=133°, 850°, 144°

ICD 05 03:33:38.7-0.7, 20.07N:122.36E, mb4.3/12, mb1 4.5/14, mb1mx4.4/16, ML4.3/2, MS3.8/6, Ms1 3.8/6, ms1mx3.5/14, Error ellipse: s-maj=25.8km s-min=17.9km az=76.0

MAN 05 03:33:41.8, 20.33N:122.30E, h35km, mb4.1, ML2.9, MS2.6

BUJ 05 03:33:42.6, 20.20N:122.35E, h13km, mb4.7, mb4.5, ML4.1, MS4.4, MS4.4

NEIC 05 03:33:44.1, 1.6, 20.01N:122.33E, h36km, 13km, mb4.8/7, Error ellipse: s-maj=13.3km s-min=11.3km az=51.0

JMA 05 03:33:45.1, 0.3, 20.63N:122.47E, MS.1

MOS 05 03:34:02.7-0.9, 20.95N:122.11E, h176km, mb4.5/17, Error ellipse: s-maj=15.7km s-min=8.9km az=97.1

ISC 05 03:33:39.7-0.3, 20.23N:122.80E, 0.03, h10km, n106, 1945/127, mb4.5/33, MS4.0/7, 7C, Philippine Islands region

Main table for the middle column containing station data, codes, and times. Includes stations like BBP, BBP, BBP, etc.

Table with columns: Station, Time, Res, and other parameters. Includes stations like BTO, BTO, BTO, etc.

MOS 05 03:30:10.7-1.3, 55.05N:110.59E, h5km, mb4.0/1, Error ellipse: s-maj=26.3km s-min=23.3km az=84.0

BYKL 05 03:30:10.2-0.2, 55.06N:110.58E, h7km, 5km, 5C-1D, Lake Baykal region

Main table for the right column containing station data, codes, and times. Includes stations like ZAK, WRA, WRA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kilima Mbogo, CLL Colim, YKWA Yellowknife Ar, etc.

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

NEIC 05 03:53:22.7, 28.26S:68.78W, h29km, ML3.9(GUC), After GUC.

GUC 05 03:53:22.7, 28.26S:68.78W, h29km, ML3.9, 3D, La Rioja Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPCH Copiapo, VACH Valpenar, OVCH Ovalle, etc.

NIED 05 03:54:00.42, 00N, 144.20E, h32km, Mw3.8 Best double couple: M=5.23x10^14 NP1=90, 866, 1.74. NP2=245, 829, 1.121.

IDC 05 03:54:50.1, 1.5, 41.78N, 144.15E, mb3.77, mb1 3.9/9, mb1mx3.7/19, ML3.9/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/20, Error ellipse: s-maj=32.1km s-min=29.1km az=109.0

JMA 05 03:54:56.3, 0.1, 42.05N, 144.19E, h62km, Mw3.7, ISC 05 03:54:56.5, 1.1, 42.00N, 0.08, 144.22E, 0.07, h52km, 7km, n19, 0.0566/28, mb3.77, 1C-2D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JEM Erimo, JCH Churui, JON Onbets, etc.

CASC 05 03:55:02.7, 1.6, 13.64N, 90.60W, h40km, 55km, MD3.8, ML3.8, 5C-8D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IXC Ixpaco, TER Terranova, PCG Pacayana, etc.

NEIC 05 04:04:57.3, 19.17N, 64.79W, h14km, MD3.7(RSPR), After RSPR.

RSPR 05 04:04:57.3, 19.17N, 64.79W, h14km, 31km, M3.7, 12C-1D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTP Monte Pirata.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTP Canovanas, CBVY Saint Croix, SCVI Saint Croix, etc.

TAP 05 04:17:50.3, 22.85N, 121.31E, h18km, 1km, ML3.4 JMA 05 04:17:52.0, 5.0, 22.66N, 121.51E, h71km Error ellipse: s-maj=106.0km s-min=27.8km az=143.0

ISC 05 04:17:52.2, 22.72N, 0.2, 121.66E, 0.2, h18km, n4, 0.0540/8, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, HATJ Hateruma jima, etc.

IDC 05 04:32:59.5, 2.1, 11.07S, 165.94E, mb3.9/5, mb1 4.1/5, mb1mx4.0/9, MS3.2/1, Ms1 3.2/1, ms1mx2.8/12, Error ellipse: s-maj=106.0km s-min=27.8km az=143.0

ISC 05 04:33:03.3, 1.9, 11.1S, 0.6, 165.8E, 0.4, h33km, n5, 0.1517/5, mb3.9/5, MS3.1/1, Santa Cruz Islands

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

CASC 05 04:42:54.6, 1.8, 12.36N, 87.00W, h70km, 10km, MD3.8, ML3.2, 5C-11D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PYN Penolaya, LEON Leon, TEL3 Telica 3, etc.

MAN 05 04:48:28.8, 14.74N, 122.70E, h1km, mb4.5, ML3.4, MS3.3 ISC 05 04:48:21.8, 1.9, 14.53N, 0.07, 123.18E, 0.10, h1km, n5, 0.092/9, 2C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOP Guinayangan, GOP Guinayangan, LQP Lukban, etc.

MAN 05 04:53:05.4, 14.55N, 122.97E, h1km, mb4.3, ML3.1, MS2.9 ISC 05 04:53:04.6, 0.8, 14.35N, 0.05, 123.04E, 0.05, h1km, n11, 0.101/14, 2C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOP Guinayangan, GOP Guinayangan, POLP Polilio Island, etc.

NEIC 05 04:56:05.7, 1.1, 47.29N, 145.78E, h440km, 12km, Error ellipse: s-maj=22.8km s-min=18.1km az=115.0

IDC 05 04:56:05.0, 1.9, 47.27N, 145.82E, h432km, 23km, mb2.8/11, mb1 3.1/12, mb1mx3.0/18, Error ellipse: s-maj=18.3km s-min=14.6km az=112.0

JMA 05 04:56:05.2, 0.5, 46.88N, 146.29E, h439km, M3.4 ISC 05 04:56:03.9, 0.6, 47.0N, 0.1, 145.9E, 0.2, h449km, 9km, n23, 0.1112/27, mb3.1/11, Sea of Okhotsk

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTP Monte Pirata.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, JWKC Keihoku, JTKR Abashiri-Toko, etc.

NEIC 05 04:57:07.0, 4.4, 20.09N, 122.48E, h44km, 41km, mb3.7/7, mb1 3.9/9, mb1mx3.7/15, ML3.9/2, Error ellipse: s-maj=38.2km s-min=23.3km az=67.0

ISC 05 04:57:04.8, 0.9, 20.20N, 0.05, 122.30E, 0.10, h35km, 10km, n16, 0.101/19, mb3.8/7, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBP Basco, SGCP Mt. Cagua, APYV Conner, etc.

MEX 05 04:57.00, 20.60N, 122.60E, h26km, Mw3.7 Best double couple: M=4.1x10^14 NP1=90, 237, 878, 1.78. NP2=11, 87, 1.135.

IDC 05 04:57:07.0, 4.4, 20.09N, 122.48E, h44km, 41km, mb3.7/7, mb1 3.9/9, mb1mx3.7/15, ML3.9/2, Error ellipse: s-maj=38.2km s-min=23.3km az=67.0

ISC 05 04:57:04.8, 0.9, 20.20N, 0.05, 122.30E, 0.10, h35km, 10km, n16, 0.101/19, mb3.8/7, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBP Basco, SGCP Mt. Cagua, APYV Conner, etc.

MEX 05 04:58:59.2, 0.4, 18.59N, 105.09W, h11km, 129km, MD4.1, Off coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CJM Chabela, COLM Colima, SFLM Santa Fe.

WEL 05 05:05:54.5, 0.7, 37.15S, 177.29E, h152km, 5km, ML3.6/2, 2C, Error ellipse: s-maj=7.5km s-min=7.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRZ Hicks Bay, URZ Urewera, URZ Urewera, etc.

NEIC 05 05:29:45.1, 16.86N, 101.84W, h20km, mb4.1/3, MD4.1(MEX), After MEX.

MEX 05 05:29:45.1, 16.86N, 101.84W, h20km, 116km, MD4.1 IDC 05 05:29:46.8, 8.9, 16.90N, 101.84W, h50km, 67km, mb3.7/7, mb1 3.9/9, mb1mx3.7/17, ML3.2/1, MS3.2/1, Ms1 3.1/2, ms1mx2.8/13, Error ellipse: s-maj=60.7km s-min=47.2km az=163.0

ISC 05 05:29:44.1, 1.6, 16.85N, 0.08, 101.76W, 0.08, h46km, 14km, n28, 0.109/32, mb3.9/9, MS3.3/1, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, CAIG Acapulco, CAIX Acapulco, etc.

NEIC 05 05:29:45.1, 16.86N, 101.84W, h20km, mb4.1/3, MD4.1(MEX), After MEX.

MEX 05 05:29:45.1, 16.86N, 101.84W, h20km, 116km, MD4.1 IDC 05 05:29:46.8, 8.9, 16.90N, 101.84W, h50km, 67km, mb3.7/7, mb1 3.9/9, mb1mx3.7/17, ML3.2/1, MS3.2/1, Ms1 3.1/2, ms1mx2.8/13, Error ellipse: s-maj=60.7km s-min=47.2km az=163.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDCO Great Sand Dun, PLAL Pwickwick Lake.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NELSON, PARADOX VALLEY, MINA ARRAY BEA, etc.

NEIC 05:58:02.6, 32.18N; 115.41W, h7km, ML3.4(PAS), After PAS.

ECX 05:58:04.2, 0.2, 32.28N; 115.41W, h5km, MD3.5, ML3.6. ISC 05:58:02.4, 0.7, 32.28N, 0.06, 115.34W, 0.05, h25km, 7km, n16, c096/21, 6C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOUNT SIGNAL, YUNA DESERT, RANCHO DOWLING, etc.

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EI ROSAL, VILLA FLORIDA, LAJITAS ARRAY, etc.

NNC 05:06:18:51.5, 1.4, 39.54N; 77.19E, h10km, 9km, mpv3.4, Error ellipse: s-maj=11.7km s-min=4.9km az=135.0. BUJ 05:06:18:51.9, 39.63N; 77.56E, h1km, ML3.7. ISC 05:06:18:46.7, 4.2, 39.2N; 0.4, 77.6E; 0.2, h14km, 25km, n13, c0591/13, 3C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KASHI, ULHOL, KYZART, etc.

OTT 05:06:36:17.6, 1.1, 77.50N; 115.81W, h18km, ML3.1/4, 170km northeast from Mould Bay, Northwest Territories, Queen Elizabeth Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RESOLUTE BAY, INUVIK, LUPIN MINE, etc.

NEIC 05:40:56.3, 54.08N; 163.06W, h1km, ML2.7(AEIC), After AEIC, Unimak Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FALSE PASS, SHISHALDIN WES, WESE WEST DAHL EAST, etc.

IDC 05:06:41:34.2, 1.1, 21.88S; 169.68E, mb4.3/7, mb1 4.5/8, mb1mx4.4/11, ML3.7/1, MS3.8/1, Ms1 3.8/1, ms1mx3.6/8, Error ellipse: s-maj=45.9km s-min=25.3km az=156.0. NEIC 05:06:41:36.1, 0.6, 21.85S; 169.75E, h10km, mb4.3/7, Error ellipse: s-maj=15.4km s-min=12.7km az=159.0. ISC 05:06:41:41.2, 1.9, 22.15S; 0.09, 169.7E; 0.1, h65km, 17km, n30, c097/19, mb4.2/13, 2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PORT VILA, UREWERA, ARMADALE, etc.

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EI ROSAL, VILLA FLORIDA, LAJITAS ARRAY, etc.

NEIC 05:06:49:00.3, 41.52N; 20.00E, h16km, MD2.3(PDG), After PDG. PDG 05:06:49:00.3, 0.2, 41.52N; 20.00E, h16km. TIR 05:06:49:00.0, 41.72N; 19.97E, h22km, MI2.0. ISC 05:06:49:01.7, 0.5, 41.60N; 0.03, 20.01E; 0.04, h16km, 5km, n17, c1912/34, 2C, Albania

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

IDC 05:06:53:40.3, 0.6, 3.60S; 151.06E, mb5.0/15, mb1 5.1/15, mb1mx5.1/16, MS4.9/4, Ms1 4.9/4, ms1mx4.8/6, Error ellipse: s-maj=22.2km s-min=12.6km az=118.0. MOS 05:06:53:44.0, 1.2, 3.48S; 151.04E, h33km, mb5.2/21, MS5.0/15, Error ellipse: s-maj=15.1km s-min=7.7km az=89.3. BUJ 05:06:53:47.4, 3.05S; 151.15E, h42km, mb5.3, mb5.2, Ms5.2, Ms5.0. Error ellipse: s-maj=8.3km s-min=6.1km az=93.0. Moment Tensor Solution, s10 Moment tensor. Scale 10^17 Nm; Mn:0.25; M2:2.37; M3:0.26; Mo:0.40; Mo:1.07; Mo:0.65; Best double couple: Mo:2.8x10^17 NP1:34, 877; lambda:176; NP2:303, 886; lambda:13. Principal axes: T 2.62, P107, Azm349; N.37, P167, Azm106; P-3.

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

Plg12\*, Azm258\*: SYO 05:06:53:48.4, 3.59S; 151.02E, h64km, MB5.3. HRVD 05:06:53:48.4, 0.2, 3.48S; 151.20E, h15km, 1km, MW5.5/79, Centroid moment Tensor Solution. LP body waves: s66, c126; Mantle waves: s79, c167; HL duration: 195 Moment tensor: Scale 10^17Nm; Mn:0.19; Mo:2.38; Mo:4; Mo:2.57; Mo:0.4; Mo:0.04; Mo:0.81; Mo:0.81; Mo:0.08; Mo:1.79; Best double couple: Mo:2.61x10^17 NP1:216, 888, lambda:189; NP2:126, 889; lambda:2; Principal axes: T 2.51, P107, Azm171; N.19, P168, Azm282; P-2.7, P162, Azm211; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISC 05:06:53:38.8, 1.0, 3.56S; 0.03, 151.15E; 0.04, h1km, 5km, h33km, 1.6km, pp-P, n280, c1912/22, mb5.3/79, MS5.1/12, 12C-9D, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAU, PMG, CTA, etc.

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

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

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MBWA, JOW, TAU, TATO, etc.

NEIC 05:06:49:00.3, 41.52N; 20.00E, h16km, MD2.3(PDG), After PDG. PDG 05:06:49:00.3, 0.2, 41.52N; 20.00E, h16km. TIR 05:06:49:00.0, 41.72N; 19.97E, h22km, MI2.0. ISC 05:06:49:01.7, 0.5, 41.60N; 0.03, 20.01E; 0.04, h16km, 5km, n17, c1912/34, 2C, Albania

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

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

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

IDC 05:06:00:58.6, 7.6, 14.97N; 45.29W, mb3.8/6, mb1 4.1/6, mb1mx3.8/17, MS3.5/5, Ms1 3.5/5, ms1mx3.3/13, Error ellipse: s-maj=21.0km s-min=35.2km az=171.0, Northern Mid-Atlantic Ridge

Table with columns for flight codes (e.g., NJ2, ASAJ, WHN), destinations (e.g., Asahikawa, Wuhan, Dalian), times, and status indicators (e.g., P, S, M, A).

Table with columns for flight codes (e.g., CD2, PET, HHC, POHA), destinations (e.g., Baotou, Lanzhou, Magadan), times, and status indicators (e.g., P, S, M, A).

Table with columns for flight codes (e.g., BILL, KGD, WMQ, ANM), destinations (e.g., Bilibino, Kothagudem, Urumqi), times, and status indicators (e.g., P, S, M, A).

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Erkin-Say, Sitka, Dawson, Karatay Array, South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Flin Flon, Great Sand Dun, Black Hills, Gani, Lajitas, Tsey, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Dimbokro, Jato, Terranova, Ixpaco, etc. Includes a large section for CASC 05:06:58:05.1.1.1, 14.26N-91.71W, h74km, 13km, MD3.5, 3C-2D, Guatemala.





Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

IDC 05 11:26:27.2, 18.35x178.04W, h615km, 38km, mb3.2/9, mb1 3.5/9, mb1mx3.5/10, Error ellipse: s-maj=34.7km

NEIC 05 11:26:28.2, 9.18, 40x178.00W, h628km, 38km, mb4.4/3, Error ellipse: s-maj=33.6km s-min=12.6km az=168.0

ISC 05 11:26:26.7, 3.1, 18.4S, 0.3x178.0W, 0.1, h617km, 46km, n30, c094/16, mb3.9/9, 2D, Jiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Jiji Islands region.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the NEIC 05 region.

NEIC 05 11:38:11.8, 19.10N, 64.77W, h25km, MD3.7(RSPR), After RSPR

RSPR 05 11:38:11.8, 19.10N, 64.77W, h25km, 31km, M3.7, 14C-4D, Virgin Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Virgin Islands.

IDC 05 11:42:56.3, 2.5, 5.79S, 146.97E, mb3.2/2, mb1 3.5/2, mb1mx3.5/2, Error ellipse: s-maj=296.0km

s-min=31.7km az=122.0, Eastern New Guinea region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Eastern New Guinea region.

MOS 05 12:05:33.2, 0.9, 6.15N, 126.77E, h33km, mb4.6/8, Error ellipse: s-maj=33.9km s-min=14.4km az=97.7

BUI 05 12:05:34.3, 8.33N, 127.31E, h70km, mb4.2, mb4.5, MS4.0, MS2.1

IDC 05 12:05:36.4, 0.6, 6.10N, 127.04E, h39km, 4km, mb4.1/11, mb1 4.2/11, mb1mx1.4/15, Error ellipse: s-maj=30.0km

s-min=12.9km az=82.0

NEIC 05 12:05:37.4, 0.4, 6.23N, 127.15E, mb4.4/3, Error ellipse: s-maj=24.7km s-min=7.5km az=78.0

ISC 05 12:05:35.8, 0.4, 6.23N, 127.05E, 127.22E, 0.07, h49km, h49km, 2.8km, pp-P, n53, c118/57, mb4.4/24, MS4.3/3, 4C-2D, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Philippine Islands region.

Code Station Name Frequency Mode Power and other technical details for stations in the Philippine Islands region.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Philippine Islands region.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

NEIC 05 12:19:41.5, 0.3, 6.15N, 127.06E, mb4.5/4, Error ellipse: s-maj=21.8km s-min=6.8km az=76.0

IDC 05 12:19:41.1, 0.6, 6.10N, 127.06E, h38km, 4km, mb4.1/12, mb1 4.2/12, mb1mx4.2/15, Error ellipse: s-maj=33.6km

s-min=12.5km az=78.0

BUI 05 12:19:41.4, 6.10N, 127.10E, h41km, mb4.8, mb4.4, MS4.2

ISC 05 12:19:37.0, 4.6, 6.19N, 127.05E, 127.33E, 0.05, h41km, h41km, 1.7km, pp-P, n36, c1927/41, mb4.3/19, MS4.0/1, 4D, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the Philippine Islands region.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBJ2 Warramunga Arr, NJ2 Nanjing, JNU Nakatsu, etc.

NAO 05 12:25:24.7.3.6.59.37N:28.22E, ML2.4
BER 05 12:25:25.8.2.9.59.40N:28.36E, ML2.4(NAO), Suspected explosion

HEL 05 12:25:24.7.0.2.59.39N:28.45E, ML1.7, ML2.4(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVF Pernaja, MEF Metsahovi, FIAO FINESS Array S, etc.

IDC 05 12:36:49.9.3.2.21.21S:169.34E, mb4.0/4, mb1 4/4, mb1mx4.3/7, Error ellipse: s-maj=169.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

TAP 05 12:47:50.5.24.34N:122.02E, h58km, 1km, ML3.3
JMA 05 12:47:50.8.0.2.24.66N:122.13E, h69km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, HATJ Hateruma jima, JKRS Kuro-shima, etc.

HEL 05 12:53:42.7.0.2.60.93N:28.99E, ML1.9, ML2.1(NAO), Explosion
NAO 05 12:53:43.8.3.0.61.13N:28.92E, ML2.1

IDC 05 12:53:43.3.2.0.61.01N:28.96E, mb1 3.3/3, mb1mx3.2/14, ML2.7/3, Error ellipse: s-maj=20.2km

BER 05 12:53:44.1.5.1.61.08N:29.07E, ML2.1(NAO), Suspected explosion

ISC 05 12:53:39.5.1.4.61.02N:0.06.29.1E:0.1, n14, e121/25, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIAO FINESS Array S, FIAO FINESS Array B, FIAO FINESS Array S, etc.

NEIC 05 13:28:25.7.14.89N:93.91W, h16km, MD4.3(MEX), After MEX 05 13:28:25.7.0.6.14.89N:93.91W, h16km, 58km, MD4.3, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCIG Comitán, CMIG Matias Romero, CMIG Tuzandepetl, etc.

IDC 05 13:33:08.8.1.6.3.74S:128.25E, mb4.2/3, mb1 4.6/4, mb1mx4.4/9, ML4.5/1, Error ellipse: s-maj=148.0km

NEIC 05 13:33:13.3.0.6.3.18S:130.01E, h50km, mb4.1/6, Error ellipse: s-maj=30.9km s-min=8.6km az=74.0

ISC 05 13:33:09.6.0.6.3.13S:0.09.130.0E:0.2, h33km, n16, e081/18, mb4.1/6, 1C-1D, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

IDC 05 13:48:28.4.10.0.6.21S:130.79E, h385km, 130km, mb2.5/1, mb1 2.7/3, mb1mx2.7/6, Error ellipse: s-maj=121.0km s-min=50.0km az=71.0, Banda Sea

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

DJA 05 14:01:39.8.0.9.9.54S:114.03E, h33km, ML4.4/4, 6C-2D, Error ellipse: s-maj=19.5km s-min=14.1km az=27.0, South of Bali

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INGI Ingas, KELI Kelakatan, KELI Rata, etc.

Table with columns: RATIO, KEDI Kedondong, KEDI 76nm, 0.2s, etc.

NEIC 05 14:39:59.7.19.23N:64.67W, h25km, MD3.8(RSPR), After RSPR

RSPR 05 14:39:59.7.19.23N:64.67W, h25km, 31km, M3.8
ISC 05 14:39:59.4.1.3.19.08N:0.08.64.82W:0.06, h25km, n19, e060/31, 16C-1D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTP Monte Pirata, CBYP Canovanas, SCVI Saint Croix, etc.

NEIC 05 14:58:07.4.0.3.15.10S:173.42W, mb4.6/3, Error ellipse: s-maj=18.3km s-min=6.6km az=123.0

IDC 05 14:58:07.2.0.6.15.12S:173.38W, h64km, 4km, mb3.8/11, mb1 4.1/11, mb1mx4.0/15, MS3.9/7, M1 3.8/7, ms1mx3.7/11, Error ellipse: s-maj=33.9km s-min=14.4km az=131.0

ISC 05 14:58:05.5.0.5.15.1S:0.1x173.5W:0.2, h66km, h66km, 1.2km, pP, n21, e044/16, mb4.0/14, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, RPZ Rata Peaks, WRA Warramunga Arr, etc.

INMG 05 15:13:00.8.0.8.41.81N:7.39W, h18km, 12km, ML1.7, Error ellipse: s-maj=2.0km s-min=1.5km az=112.0

NEIC 05 15:13:01.4.1.41.85N:7.44W, ML1.4(MDD), After MDD
MDD 05 15:13:01.0.3.0.41.81N:7.41W, mbLg1.8/10, Error ellipse: s-maj=3.0km s-min=1.9km az=167.0, PRXIMO

ISC 05 15:12:59.5.0.6.41.80N:0.03.742W:0.05, h10km, n20, e078/18, 4C, Portugal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELOB Lobios, ELOB Lobios, PBRG Braganca, etc.

Table listing stations and their details for the 5d 17h period, including ERUA, ERUA, ERUA, etc.

Table listing stations and their details for the 2004 JAN period, including BHGR, BHGR, BHGR, etc.

Table listing stations and their details for the 2004 JAN period, including BRG, BRG, BRG, etc.

Table listing stations and their details for the KRSC 05 16:11:39.72.0, 49.60N-156.34E, h10km, 49km, ML4.1, Kuril Islands region.

DJA 05 15:13:20.0-0.9, 9.55S-114.03E, h33km, ML4.2/4, 4C-4D, Error ellipse: s-maj=19.5km s-min=14.2km az=26.0, South of Bali

Table listing stations and their details for the DJA 05 15:13:20.0-0.9, 9.55S-114.03E, h33km, ML4.2/4, 4C-4D, Error ellipse: s-maj=19.5km s-min=14.2km az=26.0, South of Bali region.

WEL 05 16:16:24.6-0.3, 38.17S-178.33E, h20km, 2km, ML3.6/2, 1C-1D, Error ellipse: s-maj=4.2km s-min=1.7km az=90.0, Off east coast of North Island

Table listing stations and their details for the WEL 05 16:16:24.6-0.3, 38.17S-178.33E, h20km, 2km, ML3.6/2, 1C-1D, Error ellipse: s-maj=4.2km s-min=1.7km az=90.0, Off east coast of North Island region.

NNC 05 15:17:54.7-9.2, 37.69N-70.93E, h117km, 275km, mpv3.1, Error ellipse: s-maj=207.6km s-min=68.6km az=72.0, ISC 05 15:17:51.3-3.7, 38.1N-106.73.0E 1.0, h262km, 60km, n7, r=10/9.3C, Tajikistan-Xinjiang border region

Table listing stations and their details for the NNC 05 15:17:54.7-9.2, 37.69N-70.93E, h117km, 275km, mpv3.1, Error ellipse: s-maj=207.6km s-min=68.6km az=72.0, ISC 05 15:17:51.3-3.7, 38.1N-106.73.0E 1.0, h262km, 60km, n7, r=10/9.3C, Tajikistan-Xinjiang border region.

MOS 05 15:47:19.5-0.8, 42.45N-44.05E, h10km, mb4.0/1, Error ellipse: s-maj=59.8km s-min=7.4km az=112.0, TIF 05 15:47:19.9, 42.43N-43.87E, h10km, mpv3.8, ISC 05 15:47:20.7-0.4, 42.40N-0.03-43.89E, h10km, n14, r=15/27, 1C-1D, Western Caucasus

Table listing stations and their details for the MOS 05 15:47:19.5-0.8, 42.45N-44.05E, h10km, mb4.0/1, Error ellipse: s-maj=59.8km s-min=7.4km az=112.0, TIF 05 15:47:19.9, 42.43N-43.87E, h10km, mpv3.8, ISC 05 15:47:20.7-0.4, 42.40N-0.03-43.89E, h10km, n14, r=15/27, 1C-1D, Western Caucasus region.

NEIC 05 15:31:56.1, 19.11N-64.72W, h25km, MD3.5(RSPR), After RSPR, RSPR 05 15:31:56.1, 19.11N-64.72W, h25km, 31km, M3.5, 8C-2D, Virgin Islands

Table listing stations and their details for the NEIC 05 15:31:56.1, 19.11N-64.72W, h25km, MD3.5(RSPR), After RSPR, RSPR 05 15:31:56.1, 19.11N-64.72W, h25km, 31km, M3.5, 8C-2D, Virgin Islands region.

BJI 05 15:43:39.8, 35.81N-68.88E, h87km, mb4.3, NEIC 05 15:43:41.8, 35.35, 71N-69.92E, h74km, 30km, mb4.5/3, Error ellipse: s-maj=25.2km s-min=14.4km az=211.0, IDC 05 15:43:47.8, 4.3, 35.90N-69.51E, h122km, 70km, mb3.5/6, mb1.3/8.8, mb1mx3.6/13, Error ellipse: s-maj=56.0km s-min=22.3km az=45.0, NNC 05 15:43:55.0, 1.7, 36.53N-69.13E, h133km, 14km, mpv4.6, Error ellipse: s-maj=24.1km s-min=15.2km az=102.0, ISC 05 15:43:47.2, 0.6, 35.95N-0.03-69.45E, h103km, 73km, n54, r=97/66, mb3.7/7, 3C-9D, Hindu Kush region

Table listing stations and their details for the BJI 05 15:43:39.8, 35.81N-68.88E, h87km, mb4.3, NEIC 05 15:43:41.8, 35.35, 71N-69.92E, h74km, 30km, mb4.5/3, Error ellipse: s-maj=25.2km s-min=14.4km az=211.0, IDC 05 15:43:47.8, 4.3, 35.90N-69.51E, h122km, 70km, mb3.5/6, mb1.3/8.8, mb1mx3.6/13, Error ellipse: s-maj=56.0km s-min=22.3km az=45.0, NNC 05 15:43:55.0, 1.7, 36.53N-69.13E, h133km, 14km, mpv4.6, Error ellipse: s-maj=24.1km s-min=15.2km az=102.0, ISC 05 15:43:47.2, 0.6, 35.95N-0.03-69.45E, h103km, 73km, n54, r=97/66, mb3.7/7, 3C-9D, Hindu Kush region.

NEIC 05 15:48:20.3, 1.22, 13S-169.45E, h10km, mb4.4/3, Error ellipse: s-maj=51.5km s-min=13.8km az=153.0, BJI 05 15:48:20.3, 22.10S-169.50E, h10km, mb4.6, IDC 05 15:48:21.3, 2.21, 25S-169.06E, mb4.0/4, mb1.4/3, mb1mx4.2/7, MS3.8/4, MS1.3/8.4, ms1mx3.6/12, Error ellipse: s-maj=164.0km s-min=28.4km az=155.0, ISC 05 15:48:23.0, 4.2, 22.2S-0.2-169.4E, h2, h38km, 32km, n16, r=089/11, mb4.2/8, MS3.7/4, Southeast of Loyalty Islands

Table listing stations and their details for the NEIC 05 15:48:20.3, 1.22, 13S-169.45E, h10km, mb4.4/3, Error ellipse: s-maj=51.5km s-min=13.8km az=153.0, BJI 05 15:48:20.3, 22.10S-169.50E, h10km, mb4.6, IDC 05 15:48:21.3, 2.21, 25S-169.06E, mb4.0/4, mb1.4/3, mb1mx4.2/7, MS3.8/4, MS1.3/8.4, ms1mx3.6/12, Error ellipse: s-maj=164.0km s-min=28.4km az=155.0, ISC 05 15:48:23.0, 4.2, 22.2S-0.2-169.4E, h2, h38km, 32km, n16, r=089/11, mb4.2/8, MS3.7/4, Southeast of Loyalty Islands.

NEIC 05 17:31:27.1, 0.1, 20.69N-122.45E, h1km, BJI 05 17:31:29.2, 1.9, 20.5N-0.1, 122.6E-0.1, h70km, 17km, n12, r=097/20, mb3.5/4, Philippine Islands region

Table listing stations and their details for the NEIC 05 17:31:27.1, 0.1, 20.69N-122.45E, h1km, BJI 05 17:31:29.2, 1.9, 20.5N-0.1, 122.6E-0.1, h70km, 17km, n12, r=097/20, mb3.5/4, Philippine Islands region.

IDC 05 16:56:43.4, 1.8, 2.87S-139.52E, mb3.2/2, mb1.3/6/3, mb1mx3.6/6, ML3.7/1, Error ellipse: s-maj=82.6km s-min=32.3km az=87.0, Near north coast of Irian Jaya

Table listing stations and their details for the IDC 05 16:56:43.4, 1.8, 2.87S-139.52E, mb3.2/2, mb1.3/6/3, mb1mx3.6/6, ML3.7/1, Error ellipse: s-maj=82.6km s-min=32.3km az=87.0, Near north coast of Irian Jaya.

IDC 05 17:31:18.6, 1.2, 19.79N-122.47E, mb3.6/4, mb1.3/8/5, mb1mx3.6/14, ML3.3/1, Error ellipse: s-maj=43.2km

Table listing stations and their details for the IDC 05 17:31:18.6, 1.2, 19.79N-122.47E, mb3.6/4, mb1.3/8/5, mb1mx3.6/14, ML3.3/1, Error ellipse: s-maj=43.2km.

NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands

Table listing stations and their details for the NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands.

NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands

Table listing stations and their details for the NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands.

NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands

Table listing stations and their details for the NEIC 05 17:31:38.5, 19.22N-64.65W, h23km, MD3.7(RSPR), After RSPR, RSPR 05 17:31:38.5, 19.22N-64.65W, h23km, 31km, M3.7, 13C-5D, Virgin Islands.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Monte Pirata, Saint Croix, Col San Antoni, Cerro la Pandu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, Cerrillos, Obispo Ponce, etc.

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

IDD 05 17:34:56.61, 9.34.67N-25.95E, mb3.8/5, mb1 4.0/9, mb1mx3.8/18, ML3.8/4, MS3.1/1, Ms1 3.2/1, ms1mx2.4/17, Error ellipse: s-maj=43.4km s-min=11.9km az=23.0 NEIC 05 17:34:58.1, 34.92N, 26.06E, h4km, mb3.7/8, MD3.9(ATH), After ATH.

IDD 05 18:05:28.3, 2.2, 30.92S; 177.74W, mb4.1/2, mb1 4.2/3, mb1mx4.0/10, ML3.1/1, Error ellipse: s-maj=60.1km s-min=33.9km az=121.0

ML2.0(NAO), Explosion NAO 05 19:00:32.9, 1.9, 67.07N-21.19E, ML2.0 BER 05 19:00:34.7, 3.1, 67.09N-20.88E, ML1.8, ML2.0(NAO), Suspected explosion ISC 05 19:00:30.4, 0.5, 67.04N-0.03, 21.0E-0.1, n30, r128/240, Sweden

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIF, KTK1, KTK1, etc.

IDD 05 17:34:55.7, 0.3, 34.68N-0.04, 26.06E-0.04, h4km, n64, r123/69, mb4.0/9, MS3.0/1, C, Crete

IDD 05 18:05:28.3, 2.2, 30.92S; 177.74W, mb4.1/2, mb1 4.2/3, mb1mx4.0/10, ML3.1/1, Error ellipse: s-maj=60.1km s-min=33.9km az=121.0

ML2.0(NAO), Explosion NAO 05 19:00:32.9, 1.9, 67.07N-21.19E, ML2.0 BER 05 19:00:34.7, 3.1, 67.09N-20.88E, ML1.8, ML2.0(NAO), Suspected explosion ISC 05 19:00:30.4, 0.5, 67.04N-0.03, 21.0E-0.1, n30, r128/240, Sweden

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORB, MOR8, MOR8, etc.

IDD 05 18:44:11.3, 7.0, 19.10N-145.00E, h272km, 70km, mb3.4/10, mb1 3.6/10, mb1mx3.5/17, Error ellipse: s-maj=21.8km s-min=1.4km az=107.0

IDD 05 18:44:12.6, 1.9, 19.10N-144.87E, h287km, Error ellipse: s-maj=31.0km s-min=18.6km az=110.0

ML2.0(NAO), Explosion NAO 05 19:00:32.9, 1.9, 67.07N-21.19E, ML2.0 BER 05 19:00:34.7, 3.1, 67.09N-20.88E, ML1.8, ML2.0(NAO), Suspected explosion ISC 05 19:00:30.4, 0.5, 67.04N-0.03, 21.0E-0.1, n30, r128/240, Sweden

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, WRA, FX1, etc.

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

IDD 05 18:44:11.3, 7.0, 19.10N-145.00E, h272km, 70km, mb3.4/10, mb1 3.6/10, mb1mx3.5/17, Error ellipse: s-maj=21.8km s-min=1.4km az=107.0

IDD 05 18:44:12.6, 1.9, 19.10N-144.87E, h287km, Error ellipse: s-maj=31.0km s-min=18.6km az=110.0

ML2.0(NAO), Explosion NAO 05 19:00:32.9, 1.9, 67.07N-21.19E, ML2.0 BER 05 19:00:34.7, 3.1, 67.09N-20.88E, ML1.8, ML2.0(NAO), Suspected explosion ISC 05 19:00:30.4, 0.5, 67.04N-0.03, 21.0E-0.1, n30, r128/240, Sweden

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, WRA, FX1, etc.

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

IDD 05 17:35:17.4, 19.16N-64.71W, h25km, MD3.6(RSPR), After RSPR RSPR 05 17:35:17.4, 19.16N-64.71W, h25km, 31km, M3.6, 9C-6D, Virgin Islands

IDD 05 18:59:08.7, 8.1, 0.64N-100.36E, h202km, 72km, mb3.7/11, mb1 3.8/11, mb1mx3.7/14, Error ellipse: s-maj=43.5km s-min=13.2km az=54.0

ML2.0(NAO), Explosion NAO 05 19:00:32.9, 1.9, 67.07N-21.19E, ML2.0 BER 05 19:00:34.7, 3.1, 67.09N-20.88E, ML1.8, ML2.0(NAO), Suspected explosion ISC 05 19:00:30.4, 0.5, 67.04N-0.03, 21.0E-0.1, n30, r128/240, Sweden



Table with columns: Name, Time, Res, etc. Includes stations like Palmer, Biolino, NVAR, etc.

Table with columns: Name, Time, Res, etc. Includes stations like THEF, HINF, HAU, etc.

KRSC 05 21:33:47.6:0.8, 55.62N:166.11E, h46km, 9km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like BKI, KBTR, etc.

IDC 05 21:47:27.0:3.7, 21.51S:169.34E, mb3.9/4, mb1 4.2/4, mb1mx4.2/7, Error ellipse: s-maj=204.0km

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

IDC 05 22:04:24.0:4.5, 3.22S:106.11E, mb3.9/3, mb1 4.1/3, mb1mx3.9/8, Error ellipse: s-maj=273.0km

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

IDC 05 22:36:33.0:1.5, 22.13S:170.01E, mb4.0/4, mb1 4.3/4, mb1mx4.2/8, MS3 4.2/2, Ms1 3.4/2, ms1mx3.2/11, Error ellipse: s-maj=39.3km

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

NIED 05 22:47:00, 41.90N:142.50E, h50km, Mw4.4 Best double couple: M4x1015 NP1:272, 867, 1891. NP2:205, 823, 1888.

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

Hokkaido region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like INK, JEM, etc.

Large table with columns: Name, Time, Res, etc. Includes stations like JEW, JFR, Furan, etc.







Table with columns for station code, name, frequency, time, and other details. Includes stations like SKR, KUR, YUK, and NEM.

Table with columns for station code, name, frequency, time, and other details. Includes stations like UGL, TYV, ASAJ, KJKK, and MAJO.

Table with columns for station code, name, frequency, time, and other details. Includes stations like MDJ, JHH, CN2, CLNS, YAK, and BOD.



Table of radio contest results for stations starting with '6d 1h'. Includes call signs, frequencies, and scores.

Table of radio contest results for stations starting with 'VRSR'. Includes call signs, frequencies, and scores.

Table of radio contest results for stations starting with 'SCHO'. Includes call signs, frequencies, and scores.

Table with columns: WIT, BOYT, PVCC, SVSK, CCM, CCM, ELZG, SVST, SADO, MLR, PRU, KOLL, BALT, PSZ, PSZ, PSZ, TOS, MOX, MOX, MOX, MOX, MOX, WTSB, WTSB, NKC, NKC, NKC, MODS, MODS, PSN, BUD, ZST, ZST, JCT, JCT, ELDT, KHC, KHC, BNN, SIUC, SIUC, GRA1, GRA1, GRA1, GRF, GRF, GRF, GRF, GE2C, GE2C, GE2C, GERES, GERES, GZT, HGN, HGN, HGN, UMR, UMR, SZH, MIB, MIB, TOD, TOD, SIND, ABH, ABH, MOA, SW, WCI, WCI, KBD, ARS, RUP, RUP, QRN, QRN, NAY, NAY, PDI, PDI, RDF, RDF, GIVF, HDH, WLF, WLF, NCB, NCB, FUR, FUR, CEYT, MENF, STU, BAIF, COBT, LANF, LBG, PERS, BUCH, ESKT, BOLS, KIZL

Table with columns: KBA, DIM, OBKA, ULDT, STR, LBNH, PGB, BFO, BFO, WATA, GUT, SPAK, SPAK, UBR, BINY, MOTA, DIVS, SQT, OXF, OXF, VTS, HKT, HKT, FVI, PTCC, LIBD, LIBD, ECH, KIZ, RZN, DALA, PLAL, MEZF, MCWV, HASS, THEF, SSSA, BTOK, MOF, NVSS, HAU, HAU, BALB, HINF, MMB, KKB, GBS, BBS, EMMW, BRMO, PPT, PPT, CTI, LOMF, SKO, MANT, HRV, HRV, FLN, VAY, LDF, SAL, DENT, CPCT, CPCT, GRR, LOR, LOR, KADG, VAI, CABF, CSS, CSS, OCOI, MCGN, ELL, ELL, SYF, Humilery, SGMF, AYDN, ROSP, AVF, LRAL, LRAL, SMF, HNTI, ZCA, FSSB, LSD, BOB, QURS, BGF, ERMB, LPL, GSCJ, LPG, GRAI, SEI, ARV, ARV, VALM, MMLI, BDRM, RSP, SARO, NAHL, BACM

Table with columns: VLC, CRE, BDI, SNTG, PLDF, TCF, AGO, PCP, MAIM, BNI, GDM, SLTI, GRN, RRL, ASSI, MFF, CSNT, LCHF, HILS, PYM, MBDF, ORIF, ORIF, DOI, DFIG, FGN, ROB, PZZ, SURF, RORO, AQU, AQU, GRFL, ENR, STV2, STV, MZDA, MONE, LBL, VIVF, MNS, IMI, SAOF, MZLS, OG25, OG26, OTOR, TOUF, NEGI, RN12, FG5, FG4, SBF, SDI, REV, CALN, RTMM, CAF, RFI, SMRF, ZFRI, FRF, KZIT, TAVR, LRF, LRF, PRNJ, PRNJ, LASF, LMR, MDRJ, AQOB, MBH, ERIL, KRIS, AFFS, NWAQ, NWAQ, JMGS, IDI, ALWS, TBKS, JMOS, TBI, TBI, HAQS, GRI, MTLF, KBRB, BDAS, TAYS, SOI, EPF, SJPF, ETSF, EARS, EPON, ERC, YNBS, TATS, EINC, SNZO, ECAL, DWPF, DWPF, PBRG, BLJS, ELOB, EMOS, LTRH, DNS, PVRL, PVIS, MTE, MTE, ESDC, ESDC, ESDC, ESDC, ESDC, PTOM

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVO, RKT, SJG, DBIC, VDA, SBA, LSZ, LPAZ, LBTA, BOS, QSPA, CPUP, NVL, EFI, etc.

IDC 06 01:27:21.9:3.4, 22.0AS:170.44E, mb3.8/4, mb1 4.1/4, mb1mx4.3/7, Error ellipse: s-maj=184.0km s-min=29.9km az=157.0, Southeast of Loyalty Islands

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

INMG 06 01:26:12.3:0.6, 36.83N:7.49W, h31km, ML1.4, Error ellipse: s-maj=9.9km s-min=3.9km az=126.0 MDD 06 01:26:12.1:1.2, 36.84N:7.50W, h48km, 32km, mb2.8/3, Error ellipse: s-maj=16.8km s-min=7.4km az=19.0, PRXIMO PROFUNDIDAD POBRE

ISC 06 01:26:10.6:1.3, 36.87N:0.09:7.46W:0.06, h61km, 18km, n10, e060/18, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALS, EGRO, EMIN, PBEJ, PTEO, ESPR, EJIF, EADA, etc.

IDC 06 01:29:01.7:3.2, 22.01S:169.81E, mb4.1/4, mb1 4.4/4, mb1mx4.3/7, MS3.7/3, Ms1 3.8/3, ms1mx3.6/5, 1C, Error ellipse: s-maj=172.0km s-min=28.7km az=157.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPZ, ASAR, WRA, FX1, NVAR, ILAR, SKR, GERES, DAVOX, etc.

IDC 06 01:33:16.6:1.0, 47.11N:154.21E, mb3.9/11, mb1 4.1/2, mb1mx3.9/19, ML3.4/1, Error ellipse: s-maj=28.3km s-min=23.7km az=168.0

MOS 06 01:33:20.7:1.3, 47.20N:154.19E, h39km, mb4.3/6, Error ellipse: s-maj=26.1km s-min=15.9km az=86.1

NEIC 06 01:33:22.5:0.8, 47.13N:154.24E, h40km, Error ellipse: s-maj=22.3km s-min=16.9km az=168.0

ISC 06 01:33:18.4:4.0, 47.11N:154.3E:0.2, h21km, 27km, n30, e098/31, mb4.2/15, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR, PET, ASAJ, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, KURK, YKA, YKA, YKA, BVAR, BRVK, JIRN, KKN, GKN, DANN, KOLN, ARCES, FINES, FINES, NOA, NOA, NOA, ASAR, TXAR, GERES, GERES, GERES, DAVOS, DAVOX, etc.

IDC 06 01:57:13.7:3.9, 11.43S:117.84E, mb3.2/1, ML3.0/1, Error ellipse: s-maj=251.0km s-min=30.2km az=46.0 DJA 06 01:57:15.1:1.2, 32S:7.39E, h33km, MD4.8/3, ML5.1/4, Error ellipse: s-maj=42.6km s-min=17.9km az=51.0

NEIC 06 01:57:19.2:0.9, 10.49S:118.63E, h40km, Error ellipse: s-maj=72.4km s-min=9.2km az=215.0

ISC 06 01:57:17.5:1.6, 11.55S:0.2:117.9E:0.2, h44km, 23km, n10, e093/17, mb3.3/1, 8C-3D, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEDI, KEDI, KEDI, RATI, RATI, INGI, INGI, INGI, KANG, KANG, KANG, WRA, ASAR, MKAR, etc.

IDC 06 01:58:05.4:6.2, 17.65S:176.87W, mb4.9/2, Error ellipse: s-maj=306.0km s-min=51.6km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTKA, STA, WB2, WRA, ASAR, ASPA, KAKA, GERES, etc.

IDC 06 02:01:49.7:0.8, 47.08N:154.25E, h40km, 6km, mb3.5/13, mb1 3.8/15, mb1mx3.8/20, ML3.3/2, Error ellipse: s-maj=21.6km s-min=15.5km az=167.0

ISC 06 02:01:47.7:0.8, 47.11N:154.2E:0.1, h40km, (h43km, 3.2km, p-P), n15, e077/15, mb3.8/13, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ, FX1, ILAR, ILAR, DLBC, MKAR, MKAR, YKA, YKA, BVAR, ARCES, NVAR, PDAR, FINES, NOA, NOA, ASAR, TXAR, GERES, etc.

IDC 06 02:19:03.2:1.8, 32.62N:171.14E, mb3.6/5, mb1 3.8/6, mb1mx3.5/14, ML3.1/1, Error ellipse: s-maj=67.3km s-min=30.7km az=59.0

NDI 06 02:19:07.3:4.8, 33.10N:72.12E, h10km, ML3.2

ISC 06 02:19:05.0:1.8, 33.01N:0.07:72.0E:0.1, h13km, 12km, n11, e148/14, mb3.7/4, 2D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHET, KHET, KHET, Jaisalmer, New Delhi, Aya Nagar, Karatay Arry, etc.

IDC 06 02:22:46.1:1.1, 22.61S:171.44E, mb3.8/4, mb1 4.1/4, mb1mx4.0/8, Error ellipse: s-maj=43.5km s-min=31.2km az=125.0

NEIC 06 02:22:47.2:0.8, 22.59S:171.49E, h10km, Error ellipse: s-maj=32.1km s-min=21.8km az=114.0

ISC 06 02:22:45.0:0.9, 22.65S:0.2:171.4E:0.2, h10km, n8, e1918/6, mb4.1/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPZ, RPZ, ASAR, WCN, NVAR, ILAR, VRAC, GERES, etc.

IDC 06 02:27:18.9:1.2, 31.94N:49.53E, mb4.2/14, mb1 4.4/15, mb1mx4.3/18, ML4.1/1, MS3.9/10, Ms1 3.9/10, ms1mx3.6/26, Error ellipse: s-maj=31.0km s-min=14.1km az=0.0

KISR 06 02:27:19.2:0.5, 32.05N:49.79E, h33km, ML4.2

SNR 06 02:27:22.3:1.6, 60N:49.4E, h18km, MS4.8

BUJ 06 02:27:22.0:0.3, 31.60N:49.73E, h15km, MS4.8

THN 06 02:27:22.0:0.3, 31.82N:49.73E, h15km, MS4.8

MOS 06 02:27:23.0:0.9, 32.08N:49.51E, h33km, mb4.7/29, Error ellipse: s-maj=9.8km s-min=5.6km az=122.1

NEIC 06 02:27:24.1:3.6, 31.89N:49.51E, h35km, 26km, mb4.6/42, Error ellipse: s-maj=16.2km s-min=7.0km az=180.0

ZUR\_RM 06 02:27:24.1, 31.89N:49.51E, h18km, Mw4.9/10, Moment Tensor Solution, s10 Moment series: Scale 10^16N

Mn:2.0; Mb:1.35; Mw:0.86; Mo:16; Ms:1.06; Mr:0.42; Best double couple: Mo:2.4x10^16 NP1:134; 850; 197; NP2:303; 40; 181; Principal axes: T:2.259, Plg62, Azm:71; N:-039, Plig6; Azm:309; P:-2.22, Plig5;

ISC 06 02:27:18.7:0.2, 31.71N:0.03:49.48E:0.03, h15km, (h20km, 3km, p-P), n195, e191/199, mb4.5/71, MS3.9/15, 14C-3D, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UMR, MIB, KBD, NAY, RDI, RDI, RDI, QRN, HAAS, HAAS, HAAS, HILS, MZLS, AFFS, ZHSF, ZHSF, ZHSF, QURS, Plekhanov, KBYS, TBKS, ZEI, ZEI, JMGS, KAMS, UMJS, YMSB, EIL, EIL, EIL, TATS, TATS, TATS, KIV, KIV, KIV, KIV, BLUS, BLUS, SOC, SOC, SOC, SOC, SOC, SOC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOC, QUE, ELDT, ESKT, LBOS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFI, PGD, KHC, KSP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, GORON, LDF, EMOS, etc.

IDC 06:02:50:59.3:1.2, 22.00N x 142.77E, mb3.6/6, mb1 3.8/6, mb1mx3.6/16, Error ellipse: s-maj=52.4km s-min=28.3km az=98.0

KISR 06 02:51:25.4-0.3, 32.02N-49.73E, h33km, ML3.6
NEIC 06 02:51:29.2, 1.8, 31.72N-49.45E, h45km, mb4.1/2, Error ellipse: s-maj=39.3km s-min=13.5km az=160.0

ISC 06 02:51:25.1-2.4, 31.8N, 0.1-49.4E, 0.1, h33km, 28km, n34, c123/36, mb3.9/13, Western Iran

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

NEIC 06 02:52:53.0, 16.87N-100.15W, h13km, MD3.7(MEX), After MEX.

MEX 06 02:52:53.0-0.7, 16.85N-100.16W, h11km, 4km, MD3.7, Near East of Guerrero

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

NEIC 06 02:54:39.6-4.5, 46.41N-154.17E, mb4.7/1, Error ellipse: s-maj=115.0km s-min=14.4km az=166.0

MOS 06 02:54:41.7-1.7, 47.32N-154.07E, h33km, mb4.4/6, Error ellipse: s-maj=17.9km s-min=11.8km az=76.9

IDC 06 02:54:43.9-3.7, 47.16N-154.19E, h36km, mb3.6/9, mb1.3/8/11, mb1mx3.7/20, ML3.5/2, Error ellipse: s-maj=87.8km s-min=22.0km az=164.0

ISC 06 02:54:42.2-1.1, 47.23N, 0.1-154.2E, 0.2, h37km, n37/7km, 1.5km, pp, n25, c115/26, mb3.9/9, Kuril Islands

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the 2024 JAN event.

LDG 06 02:54:43.7-0.3, 44.32N-11.91E, h10km, M2.6/13, Error ellipse: s-maj=5.0km s-min=3.5km az=108.0

NEIC 06 02:54:44.3, 44.29N-11.69E, h5km, MD2.6(ROM), ML2.6(LDG), ML2.3(LJU), After ROM.

ROM 06 02:54:44.2-0.2, 44.29N-11.69E, h5km, MD2.6/9, ML2.1/16, Error ellipse: s-maj=1.4km s-min=1.3km az=0.0

ISC 06 02:54:42.4-0.2, 44.41N, 0.02-11.60E, 0.03, h5km, n67, c123/102, 4C-1D, Northern Italy

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the 2024 JAN event.

DMN 06 03:13:19.3-0.7, 30.97N-86.31E, h10km, M4.8/6, Error ellipse: s-maj=16.3km s-min=13.5km az=109.0

IDC 06 03:13:22.6/0.7, 30.70N-86.33E, mb4.3/13, mb1.4/5/14, mb1mx5.5/16, ML3.9/1, MS3.9/12, Ms1.3/9/12, ms1mx3.7/18, Error ellipse: s-maj=28.0km s-min=15.9km az=51.0

LDG 06 03:13:23.6/0.1, 30.78N-85.78E, h10km, M4.6/17, Ms3.9/6, Error ellipse: s-maj=6.5km s-min=3.2km az=98.0

MOS 06 03:13:25.8/0.9, 30.57N-86.01E, h33km, mb4.7/30, Error ellipse: s-maj=12.7km s-min=6.1km az=121.6

BUI 06 03:13:27.4, 30.68N-86.29E, h46km, mb4.6, mb4.4, Ms4.5, Ms24.0

NEIC 06 03:13:28.9/0.8, 30.54N-86.04E, h46km, 8km, mb4.6/23, MS4.2/1, Error ellipse: s-maj=7.1km s-min=5.1km az=215.0

NDI 06 03:13:28.7/5.9, 30.71N-86.10E, h46km, ML4.2, mb4.6(NEIC)

ISC 06 03:13:26.7/0.2, 30.73N, 0.03-86.08E, 0.03, h33km, n169, c1943/179, mb4.5/46, MS4.0/19, 6C-4D, Xizang

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





Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for LCBSS, LFRS, LFLU, and others.

NEIC 06:03:49:56.73.6, 21.20Sx179.10W, h630km, 43km, mb4.4/5, Error ellipse: s-maj=27.7km s-min=16.4km az=201.1

IDC 06:03:49:58.92.21, 35Sx179.14W, h661km, mb3.6/4, mb1.3/7.7, mb1mx3.6/10, Error ellipse: s-maj=36.2km s-min=12.5km az=163.0

ISC 06:03:49:55.6.2.6, 21.25S, 179.2W, 0.1, h627km, 35km, n20, c099116, mb4.2/11, 4D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for URZ, RPZ, CTA, and others.

HEL 06:04:05:06.3.0.3, 67.64N, 33.97E, ML2.3, ML2.1 (BER), ML2.0 (NAO), Explosion

NAO 06:04:05:06.5.2.7, 67.66N, 33.82E, ML2.0, ISC 06:04:05:07.1.3, 67.50N, 33.03, 34.0E, 0.2, n18, c1939/33, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for APA0, MSF, SGF, KEV, ARA0, and others.

CASC 06:04:09:06.4.2.3, 12.04N-88.28W, h16km, 7m, MD4.1, IDC 06:04:09:11.7.8.6, 13.51N-87.63W, mb3.7/5, mb1.3/9.5, mb1mx3.7/15, Error ellipse: s-maj=168.0km s-min=58.2km az=178.0

ISC 06:04:09:04.2.1.2, 11.95N, 0.04, 88.33W, 0.03, h10km, 5km, n37, c099755, mb3.7/5, 4C-8D, Off coast of central America

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for PYN, CNCH, CRIN, VSM, LEON, and others.

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for MIRR, MGRN, CNCG, and others.

NIED 06:04:15:00.24, 90N, 122.90E, h5km, Mw4.1 Best double couple: Mo1.67x10^15 NP1, q:32, d:73, lambda:-35, NP2, q:64, d:57, lambda:-160, BUI

BUI 06:04:15:29.25, 1.0, 24.83N, 122.91E, h23km, mb4.7, mb4.2, Ms4.1, Ms2.9, IDC 06:04:15:29.2.1, 0.24, 83N, 122.81E, mb3.8/5, mb1.3/9.6, mb1mx3.8/16, ML2.7/1, MS3.2/3, Ms1.3/2.3, ms1mx2.9/20, TAP

JMA 06:04:15:31.4, 24.86N, 122.76E, h7km, 1km, ML3.8, Error ellipse: s-maj=37.3km s-min=22.2km az=70.0

ISC 06:04:15:31.9, 1.2, 24.84N, 122.86E, 0.07, h27km, 9km, n17, c08019, mb3.7/5, MS3.4/1, Taiwan region

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for YOJ, HATJ, JKRS, TATO, and others.

IDC 06:04:38:40.3.5.1, 30.39Sx179.30W, mb3.7/2, mb1.4/0.2, mb1mx3.9/8, MS3.2/1, Ms1.3/2.1, ms1mx2.6/11, Error ellipse: s-maj=296.0km s-min=72.0km az=168.0, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for HBZ, PUZ, EDJZ, and others.

NEIC 06:04:46:05.0, 1.6, 51.34N, 16.16E, h5km, Error ellipse: s-maj=17.2km s-min=6.8km az=203.0, WAR 06:04:46:04.0, 2, 51.45N, 16.16E, ML2.6, Mining Induced, PRU 06:04:46:05.8, 51.36N, 16.13E, ISC 06:04:46:03.1.1, 0.51, 39N, 16.11E, 0.05, n12, c1934/25, Poland

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for KSP, UPJC, DPC, and others.

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for KHC, MOX, and others.

NEIC 06:05:09:48.1, 43.01N, 0.11E, h10km, ML1.8 (STR), ML1.5 (LDG), After LDG, LDG 06:05:09:48.1, 0.1, 43.01N, 0.11E, h10km, Md1.9/2, M1.5/2, Error ellipse: s-maj=2.3km s-min=1.2km az=176.0, STR 06:05:09:48.4, 0.1, 43.00N, 0.11E, h5km, 1km, M1.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, MDD 06:05:09:48.5, 0.3, 43.01N, 0.11E, h10km, 1km, mbLg1.1/4, Error ellipse: s-maj=3.0km s-min=2.4km az=0.0, PPKXIMO 06:05:09:47.3, 0.6, 43.04N, 0.05, 0.12E, 0.03, h10km, n15, c099322, France

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for LABF, EBF, and others.

NEIC 06:05:12:46.9, 46.06N, 6.86E, h2km, ML2.4 (GEN), ML2.0 (LDG), After GEN, LDG 06:05:12:46.6, 0.1, 46.07N, 6.88E, h2km, Md2.0/3, M12.0/9, Error ellipse: s-maj=1.6km s-min=1.2km az=80.0, ZUR 06:05:12:46.5, 46.08N, 6.91E, h2km, ML1.5/9, ISC 06:05:12:45.1, 0.3, 46.09N, 0.02, 6.77E, 0.02, h3km, 4km, n29, c098952, 6C-3D, Switzerland

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for EMV, SALAN, AIGLE, GRON, and others.

IDC 06:05:34:18.5.3.4, 3.59S, 139.62E, mb3.7/3, mb1.4/1.4, mb1mx4.0/6, ML4.1/1, Error ellipse: s-maj=129.0km s-min=15.2km az=94.0, NEIC 06:05:34:24.9, 1.9, 3.67S, 139.98E, h55km, mb4.2/1, Error ellipse: s-maj=54.8km s-min=17.9km az=92.0, ISC 06:05:34:23.2, 3.6, 3.65S, 0.1, 139.8E, 0.2, h50km, 34km, n8, c0960/11, mb3.5/2, Irian Jaya

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes entries for KAKA and others.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Daniels Canyon, Maple Canyon, GERES Array B, etc.

NIED 06:15:00,33.70N;141.10E,h44km,Mw3.8 Best double couple: Ms5.12x1014 NP1=184°,δ49°,λ113°. NP2: α=331°,δ46°,λ66°.

JMA 06:15:23.8-0.2,32.66N;141.06E,h64km,4km,M3.6 IDC 06:15:25.5-1.2,32.73N;138.91E,mb3.9,mb1.4/2.4, mb1mx3.7/16,ML4.2/1,Error ellipse: s-maj=31.0km α-min=16.0km αz=145.0

NEIC 06:15:29.4-0.8,32.99N;138.40E,h35km,mb4.8/1,Error ellipse: s-maj=23.0km s-min=12.5km αz=93.0

ISC 06:15:23.8-0.9,33.63N;141.05E,h65km,8gkm,n23,α=47/33,mb4.2/4,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Boso 1, Boso 2, Hachijo jima 2, etc.

SNSN 06:31:08.0,31.88N;49.61E,h10km THR 06:31:09.7-0.3,31.75N;49.62E,h15km,MS4.2 MOS 06:31:11.6-0.9,31.91N;49.43E,h36km,mb4.9/19,Error ellipse: s-maj=9.1km s-min=5.2km αz=108.9

KISR 06:31:11.5-0.7,31.68N;49.49E,h6km;161km,MD4.6,ML4.4,mb4.7(NEIC)

IDC 06:31:12.0-2.4,31.87N;49.62E,h30km,15km,mb4.5/19, mb1.4/6.20,mb1mx4.6/20,ML4.6/1,MS4.0/7,Ms1.4/0.7, ms1mx3.8/15,Error ellipse: s-maj=18.7km s-min=15.0km αz=15.0

NEIC 06:31:15.4-0.9,31.90N;49.60E,h61km,7km,mb4.7/86, Error ellipse: s-maj=6.4km s-min=4.1km αz=176.0

ZUR\_RM 06:31:15,31.90N;49.60E,h18km,Mw5.0/10,Moment Tensor Solution, s10 Moment tensor: Scale: 10^19Nm; Mln3.17; Mln-1.76; Mln-1.41; Mln-0.29; Mln-1.33; Mln-0.67;

ISC 06:31:07.8-0.1,31.75N;141.02-49.53E,0.02,h15km,(h16km,1.6km;p-P),n398,α193/404,mb4.7/134,MS4.1/21,21C-13D,Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Umm Al-Rimam, Mutribah, KBD Kabd, etc.

MBH Mount Berech 12.72 265 P P 06 34 09.6 -1.4 HAQS Haql 12.88 262 P P 06 34 13.3 +0.1

HAQS Haql 12.88 262 P P 06 34 13.3 +0.1 BDAS Al Bad' 12.92 259 P P 06 34 13.9 +0.2

TAYS Tayyib Ism 13.02 260 P P 06 34 15.7 +0.0 TATS Tathlith 13.32 206 P P 06 34 17.9 -1.1

TATS Tathlith 13.32 206 P P 06 34 17.9 -1.1 KIV Kislovodsk 13.33 338 P P 06 34 16.4 -2.6

TOKT Tokat 13.54 313 eP P 06 34 31.0 +9.2 BLJS Baljursahi 13.80 213 P P 06 34 24.7 -0.6

AVNT Avonos 13.88 304 i P P 06 34 36.7 +1.0 CSS Prodromos 13.91 288 eP P 06 34 27.6 +0.8

LTHS Al Lith 14.05 218 P P 06 34 28.4 +0.3 LTHS Al Lith 14.05 218 P P 06 34 28.7 +0.2

SOC Sochi 14.13 330 eS S 06 37 08.5 +1.6 SOC comp=N,40nm,1.0s pmax pmax

SOC comp=N,40nm,1.0s pmax pmax SOC comp=N,750nm,13.0s pmax pmax

SOC comp=N,750nm,13.0s pmax pmax SOC comp=N,750nm,13.0s pmax pmax

GOF Gofitskoye 14.22 341 eP P 06 34 30.5 -0.3 KIV Kislovodsk 14.33 338 P P 06 34 16.4 -2.6

CTKT Ciktun 14.82 311 i P P 06 34 46.6 +8.0 DJNS Zahran al Janu 14.99 203 P P 06 34 40.3 -0.6

DJNS Zahran al Janu 14.99 203 P P 06 34 40.3 -0.6 BOYT Boyabat 15.19 314 i P P 06 34 49.9 +6.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSN IDI, TIRR Storozhevo, VRSR Storozhevo, etc.

VOR Voronezh 21.36 342 eP P 06 35 55.0 -1.7 VOR Voronezh 21.36 342 eP P 06 35 55.0 -1.7

VOR comp=N,30nm,0.6s pmax pmax VOR comp=N,30nm,0.6s pmax pmax

VOR comp=N,30nm,0.6s pmax pmax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

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VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

VOR comp=N,30nm,0.9s smax VOR comp=N,30nm,0.9s smax

Table with columns for station name, frequency, power, and other technical details. Includes stations like KECS, GRI, NIE, SALA CONSILINA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like N2J, CN2, LBTB, LBTH, etc.

IDC 06 06:37:29.3±1.6, 0.76N, 125.18E, mb4.0/3, mb1 4.2/3, mb1mx4.0/8, Error ellipse: s-maj=180.0km, s-min=24.4km az=60.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRA, WB2, ASAR, etc.

NEIC 06 06:39:29.0, 35.64N, 121.08W, h0km, ML3.8(NCEDC), After NCEDC.

NEIC Felt (V) at Cambria and San Simeon. Also felt at Atascadero, Cayucos and Paso Robles.

IDC 06 06:39:31.5±2.8, 35.52N, 121.43W, mb3.7/2, mb1 3.9/4, mb1mx3.6/16, ML3.3/2, MS3.9/1, Ms1 3.9/1, ms1mx2.8/21, Error ellipse: s-maj=50.8km s-min=37.7km az=20.0

IDC 06 06:39:25.4±1.4, 35.55N, 0.1x121.2W±0.1, h0km, n27, c678/28, mb3.7/2, MS3.9/1, Central California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ISA, SAC, LKC, etc.

IDC 06 06:51:50.4±2.0, 23.98S, 179.84E, h504km, 21km, mb3.4/5, mb1 3.8/6, mb1mx3.7/8, Error ellipse: s-maj=39.8km, s-min=13.4km az=163.0

NEIC 06 06:51:51.5±3.0, 24.00S, 179.90E, h520km, 35km, mb4.6/3, Error ellipse: s-maj=29.6km s-min=15.7km az=190.0

IDC 06 06:51:50.8±2.5, 24.0S, 0.1x179.8E±0.1, h517km, 30km, n13, c946/13, mb4.1/8, 1D, South Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like URZ, Urewera.

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

DJA 06 07:06:50.1±0.9, 8.21S, 115.79E, h15km, MD5.3/2, 4C-2D, Error ellipse: s-maj=23.3km s-min=7.5km az=174.0, Bali region

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

IDC 06 07:21:55.7±6.3, 2.32S, 140.93E, mb3.8/2, mb1 4.2/3, s-min=29.0km, ML4.4/1, Error ellipse: s-maj=250.0km, s-min=19.0km az=90.0, Irian Jaya

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

IDC 06 07:40:07.2±5.4, 24.37N, 93.97E, mb3.6/3, mb1 3.9/3, mb1mx3.6/12, Error ellipse: s-maj=469.0km s-min=27.8km az=60.0

IDC 06 07:40:04.8±1.3, 23.63N, 0.1x92.9E±0.2, h10km, n5, c650/6, mb3.7/3, 1C, India-Bangladesh border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IMP, SHL, MKAR, etc.

NEIC 06 07:57:56.6, 19.24N, 64.58W, h25km, MD3.9(RSPR), After RSPR

RSPR 06 07:57:56.6, 19.24N, 64.59W, h25km, 31km, M3.9, 9C-3D, Virgin Islands

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

IDC 06 08:47:08.0±4.4, 30.51N, 96.67E, mb3.8/7, mb1 3.9/8, mb1mx3.8/15, ML3.3/1, Error ellipse: s-maj=114.0km, s-min=38.5km az=1.0

IDC 06 08:47:12.2±1.1, 30.58N, 0.1x96.2E±0.1, h33km, n14, c1817/15, mb3.8/7, Xizang

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

IDC 06 08:57:59.8±2.8, 31.74N, 49.53E, mb4.0/13, mb1 4.1/13, mb1mx4.0/18, MS2.6/1, Ms1 2.6/1, ms1mx2.4/15, Error ellipse: s-maj=60.8km s-min=21.8km az=169.0

KISR 06 08:58:01.9±0.8, 31.87N, 49.91E, h33km, ML3.7

NEIC 06 08:58:07.3±1.9, 31.95N, 49.91E, h45km, mb3.9/2, Error ellipse: s-maj=33.1km s-min=12.0km az=168.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like URZ, Urewera.

ISC 06 08:58:04.7±1.6, 32.0N, 0.1x49.5E±0.1, h37km, 21km, n31, c681/33, mb3.8/13, Western Iran

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

IDC 06 08:59:58.6±0.9, 9.98N, 77.67W, h54km, 8km, mb3.4/5, mb1 3.8/6, mb1mx3.2/16, Error ellipse: s-maj=59.6km, s-min=14.0km az=58.0

CASC 06 09:00:04.2±2.0, 9.93N, 78.29W, h77km, 53km, MD4.6, MW4.0

ISC 06 09:55:06.0±0.8, 10.00N, 05.77W, h6.0/05, h41km, 12km, h53km, 5km, pp-P, n37, c1906/44, mb3.6/5, 7C-10D, Near north coast of Colombia

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

IDC 06 09:05:14.6±1.3, 25.00N, 46.35W, mb3.6/6, mb1 3.9/6, mb1mx3.6/18, MS3.5/5, Ms1 3.5/5, ms1mx3.3/15, Error ellipse: s-maj=38.7km s-min=30.4km az=127.0

ISC 06 09:15:47.1±1.2, 25.1N, 0.2x46.4W±0.2, h10km, n9, c153/6, mb3.6/6, MS3.5/5, Northern Mid-Atlantic Ridge

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

Table with columns: PDAR, Pinedale Array, 54.08 306 P, 0.6nm, 0.3s, mb3.5, baz=80, slow=9.0, SNR=5.4

NEIC 06 09:07:42.9, 37.93S, 176.16E, h160km, Under WELJ

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

HEL 06 09:08:47.4, 0.8, 59.33N, 27.17E, ML2.2(NAO), Explosion

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

NEIC 06 09:21:02.4, 0.3, 30.96S, 71.71W, h19km, ML3.5(GUC), After GUC

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

ISC 06 09:28:02.0, 9.149S, 173.57W, mb3.9/7, mb1 4.2/7

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

NEIC 06 09:46:13.6, 0.8, 22.21S, 169.38E, h10km, mb4.4/1, Error ellipse: s-maj=31.2km s-min=19.9km az=156.0

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

DJA 06 09:47:34.8, 5.28S, 103.40E, h71km, MB3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Southern Sumaterra

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

ISC 06 09:52:35.3, 1.5, 8.64S, 115.86E, mb4.0/4, mb1 4.2/4, mb1mx4.1/8, Error ellipse: s-maj=93.5km s-min=11.8km

DJA 06 09:52:39.3, 1.7, 9.69S, 115.21E, h80km, mb4.6/2, Error ellipse: s-maj=45.9km s-min=10.4km az=13.0

NEIC 06 09:52:40.8, 1.1, 9.58S, 115.07E, h50km, 12km, Error ellipse: s-maj=18.8km s-min=9.0km az=69.0

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

KISR 06 10:03:00.9, 1.1, 31.91N, 49.93E, h33km, MD4.1, ML4.0

NEIC 06 10:03:06.0, 0.7, 31.89N, 49.53E, h45km, mb4.6/17, Error ellipse: s-maj=16.0km s-min=6.9km az=170.0

ZUR\_RM 06 10:03:06.1, 31.89N, 49.53E, h15km, Mw4.3/5, Moment Tensor Solution. s5 Moment tensor. Scale 1015Nm

SNMN 06 10:03:07.1, 31.40N, 49.02E

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

NEIC 06 10:03:31.0, 0.7, 41.04N, 142.79E, h27km, M3.7

Table with columns: OBN, Obninsk, 24.90 342 eP, 0.8 23.6 -0.7

BRVK Borovoye 25.84 29 eP, 0.8 34.6 +1.5

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

GERES GERES Array B 31.74 313 P, 0.9 25.9 +3.0

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

SQTA Sankt Quirin 32.89 309 fP, 0.9 35.9 -0.4

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

DAVOS Davos 33.75 308 P, 0.9 43.6 -0.1

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

AVF Avilur Loi 38.11 306 eP, 0.9 20.0 -0.6

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

ARCES ARCESS Array B 39.99 347 P, 0.9 36.7 +0.7

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

ARCES ARCESS Array B 39.99 347 P, 0.9 36.7 +0.7

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

SGMF Saint Gilles 42.22 308 eP, 0.9 54.0 -0.6

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

QUIF Quistine 42.61 308 eP, 0.9 57.0 -0.8

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

EVTS Spitsbergen Arr 48.53 351 eP, 0.9 46.2 +1.7

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

BOD Bodaibo 50.09 39 eP, 0.9 52.0 +0.7

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

YKA Yellowknife Arr 85.01 353 P, 0.9 36.7 +0.8

NIED 06 10:03:00.41, 0.00N, 142.80E, h44km, Mw3.7 Best double couple: M3.82x10^14 NP1: 238, 854, lambda: 100. NP2: 674, 837, lambda: 77

JMA 06 10:03:30.4, 0.1, 41.04N, 142.79E, h27km, M3.7

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



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Tenmabayashi, Ohata, Kayabe, Churui, Ohasama, Eniwo, Furan, Ashorobuto, Akkeshi, Ichinoseki.

DJA 06 10:30:45.71.0.9, 3.9S, 115.21E, h50km, 13km, ML3.5/2, 4C-3D, Error ellipse: s-maj=43.2km s-min=11.3km az=179.0, South of Bali

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Ingas, Rata, Kedomdong, Kelakatan.

NEIC 06 10:32:25.2.43.05N, 0.36W, h2km, ML2.3(STR), ML2.0(LDG), After LDG.

LDG 06 10:32:25.0.1.43.05N, 0.36W, h2km, Md2.1/2, Ml2.0/2, Error ellipse: s-maj=2.8km s-min=1.3km az=177.0

STR 06 10:32:25.0.0.1.43.04N, 0.37W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 06 10:32:25.6.0.4.43.08N, 0.36W, h5km, 3km, mblg1.2/6, Error ellipse: s-maj=4.0km s-min=1.9km az=5.0, FRXIMO

ISC 06 10:32:24.2.0.5.43.12N, 0.03, h9km, 5km, n23, c055/34, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Montagne du Re, Arette, Etsaut, Labassere, Les Forges d'A, View, Larrau, Esparrros, Ebies, Sjpf, Ealk, Egrea, Ecric, Mtlf, Lff, Epop, Ert, Lanestosa, Elan, Emos.

NIED 06 10:37:00.43.70N, 148.10E, h35km, Mw4.0 Best double couple: M=9.7x10^14 Np1.5, delta, lambda, 53. NP2.0, 255, delta, lambda, 155.

MOS 06 10:37:19.5.1.1.43.98N, 148.46E, h5km, mb4.4/7, Error ellipse: s-maj=17.1km s-min=13.6km az=92.9

JMA 06 10:37:20.4.0.3.43.74N, 148.13E, M4.5

NEIC 06 10:37:24.8.0.8.44.75N, 148.23E, mb4.2/1, Error ellipse: s-maj=24.8km s-min=12.2km az=148.0

IDC 06 10:37:24.6.1.3.44.60N, 148.26E, h45km, 7km, mb3.6/11, mb1.3/8/13, mb1mx3.7/20, ML3.8/2, MS3.1/2, Ms1.3/1/2, ms1mx2.7/22, Error ellipse: s-maj=41.0km s-min=16.0km az=171.0

ISC 06 10:37:20.4.1.0.44.03N, 0.06, 148.41E, 0.08, h48km, 9km, h44km, 1.8km, pp-P, n45, c115/56, mb3.9/11, 1C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Kuril'sk, KUR, Yuzh-Kuril'sk, Erzurum, Darouich, BNN, COBT, Tokat, CEYT, BTCH, HTY.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Nemuro 2, Rausu, Nakash, Akkeshi, Ashoburoto, Churui, Kamakawa 2, Asahikawa.

ASAJ comp=E, 1.9nm, 0.3s, baz=43, slow=27, SNR=3.2

ASAJ comp=E, 222nm, 18.4s, baz=354, slow=42

JUNU comp=Z, 0.3nm, 0.3s, baz=29, slow=10, SNR=6.2

TIXI comp=Z, 62nm, 18.4s, baz=181, slow=40

ILAR comp=Z, 0.2nm, 0.8s, baz=276, slow=9.0, SNR=14

MKAR comp=Z, 2.9nm, 0.7s, mb4.2, baz=74, slow=7.6, SNR=35

MKAR comp=Z, 3.0nm, 0.7s, mb4.2

BVAR comp=Z, 0.2nm, 0.3s, mb3.6, baz=81, slow=8.3, SNR=3.3

DANM comp=Z, 0.4nm, 0.6s, mb3.6, baz=291, slow=7.7, SNR=3.5

NVAR comp=Z, 1.5nm, 1.1s, baz=305, slow=5.3, SNR=3.3

PDAR comp=Z, 0.2nm, 0.6s, mb3.2, baz=288, slow=2.9, SNR=2.8

NOA comp=Z, 0.4nm, 0.5s, baz=329, slow=2.2, SNR=3.3

NOA comp=Z, 2.3nm, 0.6s, mb4.3, baz=31, slow=6.5, SNR=3.7

HFS comp=Z, 2.0nm, 0.6s, mb4.2

HFS comp=Z, 3.4nm, 0.8s, mb4.3, baz=34, slow=5.3, SNR=14

GERES comp=Z, 3.0nm, 0.8s, mb4.3

GERES comp=Z, 0.5nm, 0.5s, mb3.7, baz=37, slow=4.9, SNR=4.6

GERES comp=Z, 1.0nm, 0.5s, mb4.3

TXAR comp=Z, 0.8nm, 0.6s, mb3.8, baz=304, slow=4.3, SNR=8.5

TXAR comp=Z, 0.6nm, 0.6s, baz=296, slow=3.9, SNR=4.3

BUI 06 10:39:04.4.97.92N, 38.11E, h5km, mb5.0, mb4.8, Ms4.1, Ms2.2

DUSS 06 10:39:05.8.0.3.39.06N, 39.15E, h15km, ML5.6, MS4.6

NSSC 06 10:39:05.5.38.96N, 39.38E, h39km

NEIC 06 10:39:11.7.38.34N, 38.96E, h6km, mb4.7/43, MD4.8(ISK), After ISK.

ISK 06 10:39:11.9.38.30N, 38.95E, h11km, MD4.7

ZUR\_RM 06 10:39:11.38.34N, 38.96E, h19km, Mw4.7/14, Moment Tensor Solution: M=14 Moment tensor: Scale: 10^19Nm

M=0.18, M=0.62, M=0.43, M=0.28, M=0.79, M=0.39; Best double couple: M=1.05x10^16 NP1.5, 342, 89.0

lambda=154, NP2.5, 262, 864, A.0, P. Principal axes: T. 9237, Plg18, Azm114; N. 254, Plg64, Azm342; P. 1.1777, Plg18, Azm210

MOS 06 10:39:12.5.1.2.38.24N, 39.04E, h10km, mb4.7/29 Error ellipse: s-maj=6.1km s-min=4.3km az=128.5

IDC 06 10:39:12.6.0.9.38.24N, 38.96E, mb4.2/15, mb1.4/3/19, mb1mx4.3/20, ML4.0/4, MS3.6/10, Ms1.3/7/10, ms1mx3.6/20, Error ellipse: s-maj=19.1km s-min=17.3km az=156.0

ISC 06 10:39:11.9.0.1.38.25N, 0.01, 39.04E, 0.02, h6km, (h20km, 4.9km, pp-P), n306, c113/334, mb4.5/75, MS3.7/11, 17C-2D, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Elazig, Malatya, MYA, Diyarbakir, Bingol, BINT, BINT, Gaziantepe, GZT, EZC, Besiri, BEST, GAZ, Batman, Sivas, GVST, Gumushane, Karacayir, Erzurum, Darouich, DRWC, BNN, COBT, Tokat, CEYT, BTCH, HTY.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like Yozgat, Avonon, Al Arnab, ARNB, VABN, TVAN, WRDH, SLNF, SLNF, KFRA, KFRA, BIDA, BIDA, Corum, HAWK, HAWK, Kaman, Boyabat, Hawqa, MARH, Tosya, CANT, Cankiri, GNI, ELDT, DH, LOU, PHNC, DUSS, DUSS, DUSS.

DUSS comp=E, 18mu, 0.8s

DUSS comp=Z, 8mu, 0.8s

DUSS comp=N, 13mu, 0.6s

DUSS comp=E, 11mu, 17.9s

DUSS comp=N, 15mu, 17.0s

KONT comp=N, 140nm, 0.9s

SOC comp=Z, 22mu, 17.0s

SOC comp=N, 210nm, 0.9s

SOC comp=E, 240nm, 0.7s

SOC comp=Z, 500nm, 14.0s

SOC comp=N, 430nm, 13.0s

SOC comp=E, 750nm, 11.0s

BRBR comp=Z, 8mu, 10.0s

BRBR comp=N, 6mu, 8.0s

BRBR comp=E, 2mu, 6.0s

MAMC comp=Z, 4.0nm, 0.5s, baz=329, slow=2.2, SNR=3.3

MAMC comp=Z, 2.3nm, 0.6s, mb4.3, baz=31, slow=6.5, SNR=3.7

MAMC comp=Z, 2.0nm, 0.6s, mb4.2

MAMC comp=Z, 3.4nm, 0.8s, mb4.3, baz=34, slow=5.3, SNR=14

MAMC comp=Z, 3.0nm, 0.8s, mb4.3

MAMC comp=Z, 0.5nm, 0.5s, mb3.7, baz=37, slow=4.9, SNR=4.6

MAMC comp=Z, 1.0nm, 0.5s, mb4.3

MAMC comp=Z, 0.8nm, 0.6s, mb3.8, baz=304, slow=4.3, SNR=8.5

MAMC comp=Z, 0.6nm, 0.6s, baz=296, slow=3.9, SNR=4.3

MAMC comp=Z, 150nm, 4.0s

MAMC comp=E, 200nm, 2.0s

MAMC comp=Z, 800nm, 7.0s

SALA comp=Z, 6.1nm, 0.6s

SALA comp=Z, 5.8nm, 0.6s

SALA comp=Z, 6.03nm, 0.6s

SALA comp=Z, 6.04nm, 0.6s

SALA comp=Z, 6.06nm, 0.6s

SALA comp=Z, 6.11nm, 0.6s

SALA comp=Z, 6.16nm, 0.6s

SALA comp=Z, 6.21nm, 0.6s

SALA comp=Z, 6.26nm, 0.6s

SALA comp=Z, 6.31nm, 0.6s

SALA comp=Z, 6.36nm, 0.6s

SALA comp=Z, 6.41nm, 0.6s

SALA comp=Z, 6.46nm, 0.6s

SALA comp=Z, 6.51nm, 0.6s

SALA comp=Z, 6.56nm, 0.6s

SALA comp=Z, 6.61nm, 0.6s

SALA comp=Z, 6.66nm, 0.6s

SALA comp=Z, 6.71nm, 0.6s

SALA comp=Z, 6.76nm, 0.6s

SALA comp=Z, 6.81nm, 0.6s

SALA comp=Z, 6.86nm, 0.6s

SALA comp=Z, 6.91nm, 0.6s

SALA comp=Z, 6.96nm, 0.6s

2004 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OBN, PSZ, NIE, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SBF, AURF, LKBD, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EQES, EBER, ESCD, etc.

MAN 06 11:02:52.4, 13.80N, 122.51E, h1km, mb4.8, ML3.7, MS3.7
MAN F GUINAYANG QUEZON INTENSITY III,
ISC 06 11:02:52.6-0.4, 13.83N, 122.52E-0.03, h1km, n21,
e121/133, 2C-2D, Luzon

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

JMA 06 11:27:00.9-0.1, 24.27N, 123.45E, h44km, 2km, M3.2
NEIC 06 11:27:01.1-1.3, 24.26N, 123.48E, h46km, 15km, Error
ellipse: s-min=18.3km s-max=13.2km az=186.0
IDC 06 11:27:01.9-4.9, 24.29N, 123.51E, h54km, 4.7km, mb3.3/5,
mb1.3/5.6, mtmx3.4/17, ML2.9/1, Error ellipse:
s-min=31.0km s-min=20.6km az=73.0
TAP 06 11:27:00.7, 23.90N, 121.45E, h15km, ML2.2
ISC 06 11:27:00.2-0.6, 24.23N, 123.45E-0.04, h53km, 5km,
n15, e190/24, mb3.6/5, Southwestern Ryukyus Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JKRJ, IJJI, TJTJ, etc.

IDC 06 11:30.10.3z.21.0, 17.73Sx178.00W, h477km, 187km, mb3.3/3, mb1 3.6/3, mb1mx3.2/0.9, Error ellipse: s-maj=264.0km s-min=56.1km az=135.0, Fiji Islands region

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

DJA 06 11:55.40.7z.9.52Sx115.20E, h15km, ML4.4/2, 6C-2D, Error ellipse: s-maj=18.8km s-min=10.2km az=4.0, South of Bali

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like INGI, RATI, KEDI, etc.

NEIC 06 12:12.48.9z.0.24.99N, 122.60E, h215km, 7km, mb4.6/1, Error ellipse: s-maj=19.8km s-min=15.4km az=184.0

JMA 06 12:52.6z.0.2.25.42N, 122.53E, h186km, M4.2, Error ellipse: s-maj=12.5km s-min=10.0km az=184.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YOJ, TATO, JKRJ, etc.

IDC 06 12:24.22.4z.6.8, 16.34N, 93.45W, mb3.8/3, mb1 4.0/4, Error ellipse: s-maj=175.0km s-min=55.0km az=178.0

NEIC 06 12:24.30.1z.1.2, 82.9N, 94.16W, h80km, 9km, MD4.2(MEX), Error ellipse: s-maj=25.1km s-min=9.0km az=178.0

MEX 06 12:24.31.8z.0.9, 15.77N, 94.17W, h35km, MD4.2, Error ellipse: s-maj=20.0km s-min=9.4km az=178.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG, SCX, HUC, etc.

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

IDC 06 12:28.24.1z.2.9, 17.28Sx167.71E, mb3.7/4, mb1 4.0/4, Error ellipse: s-maj=179.0km s-min=27.4km az=152.0, Vanuatu Islands

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

IDC 06 12:50.03.8z.1.7, 14.13N, 121.60E, mb3.8/3, mb1 3.9/3, Error ellipse: s-maj=215.0km s-min=26.9km az=64.0

MAN 06 12:50.17.8z.13.69N, 120.56E, h79km, mb4.3, ML3.1, Error ellipse: s-maj=215.0km s-min=26.9km az=64.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LUBP, LUPB, LQP, etc.

DHMR 06 13:32.11.5z.0.7, 11.87N, 43.10E, h29km, 3km, ML3.8, 4C-1D, Ethiopia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TRBA, UJYN, UDYN, etc.

ISK 06 13:33.41.0z.35.94N, 27.43E, h31km, MD3.9, Error ellipse: s-maj=26.9km s-min=20.4km az=178.0

NEIC 06 13:33.45.0z.4.36.20N, 27.66E, h94km, 5km, mb4.0/12, MD3.6(ATH), MD3.6(ISK), Error ellipse: s-maj=7.9km s-min=5.3km az=167.0

ATH 06 13:33.47.5z.36.29N, 27.39E, h43km, 3km, MD3.6/6, Error ellipse: s-maj=7.9km s-min=5.3km az=167.0

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

ISK 06 14:20.0z.2.1.1, 31.85N, 49.78E, h12km, MD4.0, ML3.9, Error ellipse: s-maj=28.9km s-min=17.8km az=161.0

NEIC 06 14:20.0z.6z.1.5, 32.39N, 49.52E, mb4.0/10, mb1 4.2/11, Error ellipse: s-maj=39.3km s-min=22.8km az=9.0

IDC 06 14:20.0z.6z.0.36.02N, 0.03z.27.73E, h106km, 5km, n81, c1929/93, mb3.8/15, 4C-2D, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MANT, KHL, YAM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MDRJ, VAE, GERES, etc.

IDC 06 13:36.15.9z.0.7, 38.82N, 7.90W, h10km, ML1.4, Error ellipse: s-maj=3.9km s-min=1.8km az=102.0

MDD 06 13:36.16z.1.1, 38.81N, 7.90W, h10km, 9km, mbLg1.5/4, Error ellipse: s-maj=7.7km s-min=6.5km az=106.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MOE, PBEJ, PLOU, etc.

IDC 06 13:36.14.6z.1.1, 38.80N, 0.04z.7.86W, h0.06, h6km, 8km, n13, c0831/13, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MOE, PBEJ, PLOU, etc.

KISR 06 14:20.0z.2.1.1, 31.85N, 49.78E, h12km, MD4.0, ML3.9, Error ellipse: s-maj=28.9km s-min=17.8km az=161.0

NEIC 06 14:20.0z.6z.1.5, 32.39N, 49.52E, mb4.0/10, mb1 4.2/11, Error ellipse: s-maj=39.3km s-min=22.8km az=9.0

IDC 06 14:20.0z.6z.0.36.02N, 0.03z.27.73E, h106km, 5km, n81, c1929/93, mb3.8/15, 4C-2D, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MIB, UMR, KBD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FINES, KAF, NOA, NB2, KEV, ARCES, SPB4, etc.

DJA 06 14:23:19.9:0.9,9.55S:115.22E,h33km,ML4.0/3,6C, Error ellipse: s-maj=19.5km s-min=10.5km az=4.0,

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

IDC 06 15:00:35.1:11.0,31.52N:49.40E,mb4.0/6,mb1 4.0/6, mb1mx3.7/16, Error ellipse: s-maj=226.0km s-min=35.3km az=5.0

KISR 06 15:00:37.4:1.1,31.80N:50.06E,h26km,999km,ML3.2 Error ellipse: s-maj=39.6:3.2,31.99N:0.09:49.5E,0.2,h20km,26km,n13, c=072.12,mb3.9/6, Western Iran

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

IDC 06 15:03:05.5:1.2,14.51S:178.47W,mb3.8/5,mb1 4.1/5, mb1mx3.9/10, Error ellipse: s-maj=46.7km s-min=26.5km az=130.0

IDC 06 15:03:09.3:1.1,14.55S:178.6W,0.3,h33km,n5, c=024.5,mb3.8/5,Fiji Islands region

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

IDC 06 15:44:22.1:3.6,31.89N:49.51E,mb3.6/8,mb1 3.8/8, mb1mx3.7/14, Error ellipse: s-maj=79.7km s-min=31.5km az=176.0

KISR 06 15:44:23.7:0.3,31.87N:49.92E,h33km,ML3.4 Error ellipse: s-maj=46.2:1.6,31.93N:0.1:49.6E,0.2,h37km,19km,n15, c=055/19,mb3.5/6, Western Iran

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

NEIC 06 16:41:51.2,33.15S:70.25W,h6km,ML2.5(GUC), After GUC

GUC 06 16:41:51.2:0.9,33.15S:70.25W,h6km,2km,MD3.5, ML2.5,10C-3D,Chile-Argentina border region

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

IDC 06 17:05:09.6:3.5,11.63S:166.57E,mb3.9/3,mb1 4.2/3, mb1mx3.9/9, Error ellipse: s-maj=170.0km s-min=30.5km az=139.0

IDC 06 17:05:11.9:2.6,12.1S:0.6:166.8E,0.6,h33km,n4, c=074.4,mb3.9/4,Santa Cruz Islands

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

NEIC 06 17:31:58.9,16.07N:98.66W,h32km,MD4.0(MEX), After MEX

MEX 06 17:31:59.0:0.7,16.10N:98.65W,h39km,19km,MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PNIG, CAIG, VHO, OAX, PLIG, HUIG, YAIG, etc.

IDC 06 17:40:43.9:8.2,22.96S:113.51W,mb3.8/3,mb1 4.2/3, mb1mx3.9/12,MS3.5/2,Ms1 3.5/2,ms1mx3.1/18, Error ellipse: s-maj=471.0km s-min=229.0km az=84.0, Easter Island region

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

IDC 06 17:51:58.4:2.4,42.02N:140.71E,h115km,17km, mb3.6/10,mb1 3.9/11,mb1mx3.7/19, Error ellipse: s-maj=24.5km s-min=17.5km az=162.0

MOS 06 17:51:59.1:5.4,42.14N:140.73E,h140km,mb4.0/4, Error ellipse: s-maj=18.3km s-min=11.0km az=86.9

JMA 06 17:51:59.8:0.1,42.04N:140.80E,h120km,1km,MB3.3 BUJ 06 17:52:00.2,42.18N:140.85E,h153km,mb4.2

NEIC 06 17:52:01.9:2.9,42.09N:140.70E,h139km,9km,mb3.8/1, Error ellipse: s-maj=12.8km s-min=8.8km az=116.0

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

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

IDC 06 18:11:04.1:2.3,6.80S:151.04E,mb3.5/3,mb1 3.9/3, mb1mx3.7/7, Error ellipse: s-maj=128.0km s-min=30.3km az=128.0, New Britain region

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

IDC 06 18:13:04.7:2.8,19.52S:175.31W,mb4.6/2,mb1 4.9/2, mb1mx4.0/9, Error ellipse: s-maj=178.0km s-min=39.6km az=151.0, Tonga Islands

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

IDC 06 18:17:55.7:0.9,39.28N:8.51W,h6km,3km,ML1.6, Error ellipse: s-maj=2.9km s-min=1.7km az=89.0

MDD 06 18:17:55.7:0.4,39.29N:8.51W,h8km,3km,MLg1.9/8, Error ellipse: s-maj=5.9km s-min=2.4km az=102.0, PRXIMO

IDC 06 18:17:54.5:0.5,39.27N:0.0:2:8.41W,0.05,h6km,n23, c=121/31,1C, Portugal

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

IDC 06 18:17:55.7:0.9,39.28N:8.51W,h6km,3km,ML1.6, Error ellipse: s-maj=2.9km s-min=1.7km az=89.0

MDD 06 18:17:55.7:0.4,39.29N:8.51W,h8km,3km,MLg1.9/8, Error ellipse: s-maj=5.9km s-min=2.4km az=102.0, PRXIMO

IDC 06 18:17:54.5:0.5,39.27N:0.0:2:8.41W,0.05,h6km,n23, c=121/31,1C, Portugal

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



6d 21h

Table of station data for 6d 21h, including columns for RDF, Al-Radif, Pn, S, and various numerical values.

IDC 06 19:33:29.12.0, 1.72N-126.74E, mb4.0/3, mb1 4.3/3, mb1mx4.1/9, Error ellipse: s-maj=163.0km

Table of station data for IDC 06 19:33:29.12.0, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

NEIC 06 19:45:39.5, 34.14N-25.16E, h5km, MD3.5(ATH), After ATH

ATH 06 19:45:39.5, 34.14N-25.16E, h5km, MD3.5/4

IDC 06 19:45:46.02.5, 34.43N-25.15E, h48km, mb3.0/3, mb1 3.6/5, mb1mx3.4/16, ML3.7/2, Error ellipse: s-maj=37.0km

ISC 06 19:45:41.72.2, 34.2N-0.1x25.2E-0.1, h19km, mb14km, n11, <math>\phi=92^{\circ}13', mb3.4/3, Crete</math>

Table of station data for IDC 06 19:45:41.72.2, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

SNSN 06 19:49:25.9, 31.72N-49.56E, h10km

IDC 06 19:49:25.2, 31.85N-49.53E, mb4.0/14, mb1 4.1/14, mb1mx4.0/19, Error ellipse: s-maj=50.6km

KISR 06 19:49:26.9, 0.5, 31.92N-49.89E, h45km, MD3.9, ML3.7, mb4.2(NEIC)

NEIC 06 19:49:32.1, 1.4, 31.96N-49.43E, h45km, mb4.2/4, Error ellipse: s-maj=30.1km

ISC 06 19:49:29.7, 1.5, 31.98N-0.09-49.5E, 0.1, h39km, mb18km, n39, <math>\phi=60^{\circ}43', mb3.9/16, Western Iran</math>

Table of station data for IDC 06 19:49:29.7, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

2004 JAN

Main table of station data for 2004 JAN, including columns for NAY, Al-Naaim, Pn, S, and various numerical values.

IDC 06 19:53:55.9, 3.3, 22.32S-169.39E, mb3.8/4, mb1 4.2/4, mb1mx4.1/7, Error ellipse: s-maj=181.0km

NEIC 06 19:53:59.9, 0.8, 21.37S-169.00E, h10km, mb4.4/2, Error ellipse: s-maj=34.0km

ISC 06 19:53:59.0, 0.2, 21.05S-169.25E-0.2, h32km, mb4.8km, n10, <math>\phi=92^{\circ}8', mb4.0E, Southeast of Loyalty Islands</math>

Table of station data for IDC 06 19:53:55.9, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

JSN 06 20:00:44.9, 0.8, 19.25N-78.38W, MD3.5, MW3.6, 3C-1D, Cuba region

Table of station data for JSN 06 20:00:44.9, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

TIF 06 20:23:58.5, 41.16N-43.92E, h6km, Mpv3.7, 2D, Turkey-Georgia-Armenia border region

Table of station data for TIF 06 20:23:58.5, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 06 20:32:49.0, 3.0, 31.86N-49.54E, mb3.8/12, mb1 4.0/12, mb1mx3.9/17, Error ellipse: s-maj=66.9km

KISR 06 20:32:50.6, 0.8, 31.97N-49.75E, h33km, MD3.8, ML3.6, mb4.1(NEIC)

SNSN 06 20:32:56.7, 31.61N-49.33E, h14km

NEIC 06 20:32:58.0, 2.3, 32.21N-49.62E, h50km, mb4.1/6, Error ellipse: s-maj=49.8km

ISC 06 20:32:50.9, 2.6, 31.86N-0.16-49.8E, 0.1, h22km, mb20km, n36, <math>\phi=29^{\circ}42', mb3.8/17, Western Iran</math>

Table of station data for IDC 06 20:32:49.0, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

172

Table of station data for 172, including columns for HASS, Wahat al Ahsa', Pn, S, and various numerical values.

JMA 06 21:08:15.4, 0.5, 32.01N-137.99E, h402km, M3.5

ISC 06 21:08:16.8, 0.1, 32.33N-0.1x137.9E, 0.1, h412km, gkm, n18, <math>\phi=92^{\circ}07', mb4.3/3, Southeast of Honshu</math>

Table of station data for JMA 06 21:08:15.4, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

NEIC 06 21:12:58.7, 6.0, 20.46S-177.78W, h469km, 69km, mb4.2/3, Error ellipse: s-maj=28.8km

IDC 06 21:12:58.4, 3.9, 20.53S-177.77W, h468km, 42km, mb3.3/7, mb1 3.6/8, mb1mx3.6/10, Error ellipse: s-maj=24.1km

ISC 06 21:12:54.7, 4.6, 20.30S-0.1x177.8W, 0.2, h431km, 50km, n16, <math>\phi=87^{\circ}14', mb3.8/10, Fiji Islands region</math>

Table of station data for NEIC 06 21:12:58.7, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 06 21:22:42.8, 3.3, 8.7S-128.04E, mb3.5/2, mb1 3.9/3, mb1mx3.9/8, ML3.8/1, Error ellipse: s-maj=358.0km

s-min=28.5km az=67.0, Seram

Table of station data for IDC 06 21:22:42.8, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

NEIC 06 21:30:05.9, 42.55N-2.06E, h5km, ML2.2(STR), M1, 5(MDD), After STR

STR 06 21:30:05.9, 0.2, 42.55N-2.06E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km

MDD 06 21:30:05.0, 0.4, 42.30N-2.24E, h7km, 4km, mbLg1.5/7, Error ellipse: s-maj=3.2km

ISC 06 21:30:04.1, 0.7, 42.28N-0.04-2.27E, 0.06, h7km, n18, <math>\phi=74^{\circ}21', Pyrenees</math>

Table of station data for NEIC 06 21:30:05.9, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VALF, CLLI, FILF, EMIR, etc.

IDC 06 22:11:49.9.11.0.20.03S:177.14W,h493km,139km, mb2.9/5,mb1 3.2/6,mb1mx3.2/10, Error ellipse: s-maj=69.3km s-min=28.0km az=179.0

SKHL 06 22:41:22.1±0.8,51.09N,142.10E,h10km,mbv3.6/3, Sakhalin Island

PNSN 06 22:45:51.9, 48.64N:122.45W,h0km,MD2.1, Fault plane solution: NP1:125°δ40°, NP2:125°δ66°, Principal axes: T P1g56°, Azm316°; P P1g14°, Azm69°;

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

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

IDC 06 23:03:27.6±1.8,0.47N:125.53E,mb3.7/3,mb1 4.0/3, mb1mx3.8/8, Error ellipse: s-maj=175.0km s-min=24.2km az=64.0, Northern Molucca Sea

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

DJA 06 23:08:28.6±0.9,8.74S:115.64E,h18km,6km,MD4.6/3, BC Error ellipse: s-maj=28.3km s-min=11.0km az=179.0, Bali region

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

NEIC 06 23:14:56.9±0.47,85N:7.69E,h10km,ML2.7(LDG), ML2.4(LEDWB),ML2.3(STR),ML2.3(VIE),ML2.2(ZUR), After LDG.

LDG 06 23:14:56.9±0.0,47.85N:7.69E,h10km,MD2.7/2,ML2.7/13, Error ellipse: s-maj=0.7km s-min=0.5km az=157.0

ZUR 06 23:14:56.9±0.3,47.87N:7.72E,h10km,ML2.2/8, BGR 06 23:14:56.9±0.3,47.87N:7.69E,h5km,ML2.0/2, Error ellipse: s-maj=2.2km s-min=2.2km az=96.0

LEDBW 06 23:14:57.0±0.1,47.85N:7.71E,h13km,1km,ML2.4, Error ellipse: s-maj=2.0km s-min=2.0km az=150.0

ISC 06 23:14:55.1±0.2,47.84N:0.01:7.65E:0.02,h14km,2km, n78,1330/147,13C-13D,Switzerland

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

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

IDC 06 23:40:43.9±2.0,1.16N:126.45E,mb3.7/3,mb1 3.9/3, mb1mx3.8/8, Error ellipse: s-maj=179.0km s-min=25.2km az=65.0, Northern Molucca Sea

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

LDG 06 23:43:28.7±0.7,14.48S:167.34E,h33km,mb4.7/4, Error ellipse: s-maj=69.7km s-min=37.5km az=177.0

IDC 06 23:43:38.2±5.1,14.84S:167.47E,h123km,20km,mb4.2/9, mb1 4.4/9,mb1mx4.4/11,MS3.7/7,Ms1 3.6/7,ms1mx3.6/14, Error ellipse: s-maj=19.7km s-min=13.9km az=81.0

NEIC 06 23:43:39.8±3.3,14.84S:167.48E,h131km,27km, mb4.7/12, Error ellipse: s-maj=15.2km s-min=9.7km az=57.0

BUI 06 23:43:41.6, 14.07S:167.29E,h131km,mb4.8,mb4.4

ISC 06 23:43:40.6±1.1,14.93S:0.06:167.26E:0.05,

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, I, S, C. Includes stations like Port Vila, Port Moresby, Oropo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, I, S, C. Includes stations like Gusiocia, Erema, La Chapelle, etc.

NEIC 07 00:11:51.2, 48.64N, 122.45W, MD2.7(SEA), After SEA. PNSN 07 00:11:51.2, 48.64N, 122.44W, hokm, MD2.7, Fault plane solution: NP1=95°, 85°, NP2=275°, 35°, Principal axes: P Tlpg80°, Azm5°; P Pliq10°, Azm185°.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, I, S, C. Includes stations like Mount Erie, Mount Constitit, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, I, S, C. Includes stations like Toit Reservoir, Watts Point, Green Mountain, etc.

HEL 07 00:19:56.6, 0.2, 67.84N, 20.22E, ML2.0, ML1.9(BER), ML2.0(NAO), Explosion. NAO 07 00:19:56.3, 1.7, 67.87N, 20.50E, ML2.0. IAO 07 00:19:56.7, 0.9, 67.84N, 20.34E, mb1 3.5/5, mb1mx3 3/16, ML2.2/5/5, Error ellipse: s-maj=18.3km, s-min=5.9km, az=122.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, I, S, C. Includes stations like Kilpisjarvi, Tromso, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LILLOE, VEDDER MOUNTAIN, MBW, CMW, etc.

MDD 07 02:44:46.7, 1.8, 36.64Nk, 7.29W, h15km, 10km, mbLg1.6/5, Error ellipse: s-maj=17.2km s-min=8.9km az=46.0, PRXIMO

NEIC 07 02:44:47.2, 36.70Nk, 7.18W, MN1.7(MDD), After MDD, ISMG 07 02:44:47.6, 0.9, 36.70Nk, 7.18W, h14km, 5km, ML1.2, Error ellipse: s-maj=6.2km s-min=3.2km az=49.0

ISMG 07 02:44:45.0, 1.7, 36.67N, 0.09, 7.19W, 0.08, h6km, 8km, n15, s125/26, Strait of Gibraltar

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

IDC 07 03:10:05.4, 3.5, 21.07S, 169.14E, mb3.8/4, mb1.4/4, mb1mx4.1/7, MS3.4/1, MS1.4/1, ms1mx0.0/14, Error ellipse: s-maj=186.0km s-min=30.4km az=156.0, Southeast of Loyalty Islands

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

IDC 07 03:19:53.1, 1.1, 47.74N, 152.94E, mb3.5/9, mb1.3/11, mb1mx3.8/19, ML3.5/2, Error ellipse: s-maj=30.2km s-min=20.3km az=159.0

MOS 07 03:19:54.4, 1.0, 47.74N, 153.02E, h33km, mb4.2/3, Error ellipse: s-maj=29.3km s-min=16.8km az=62.4

NEIC 07 03:09:09.8, 2.4, 47.82N, 152.90E, h138km, 20km, Error ellipse: s-maj=20.5km s-min=17.2km az=167.0

ISC 07 03:19:53.7, 0.9, 47.74N, 153.0E, 0.1, h33km, n20, s084/21, mb3.6/3, Kuril Islands

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

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

IDC 07 03:37:38.5, 0.7, 39.31S, 174.91E, h211km, 13km, mb3.4/2, mb1.3/4, mb1mx3.7/8, Error ellipse: s-maj=39.4km, s-min=17.2km az=133.0

NEIC 07 03:37:41.5, 0.3, 39.13S, 174.86E, h222km, After WEL, WEL 07 03:37:41.5, 0.3, 39.13S, 174.86E, h222km, 2km, ML4.3/7, Error ellipse: s-maj=2.8km s-min=2.6km az=0.0

ISC 07 03:37:39.6, 0.5, 39.19S, 0.05, 174.77E, 0.08, h229km, 4km, n101, s088/114, mb3.6/2, 8C-4D, North Island

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

URZ 30nm, 0.3s, baz=117, slow=19, SNR=12

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

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

NEIC 07 03:49:00.8, 19.24N, 64.55W, h25km, MD3.7(RSPR), After RSPR

RSPR 07 03:49:00.8, 19.24N, 64.55W, h25km, 31km, M3.7, ISC 07 03:49:00.1, 1.5, 19.2N, 0.1, 64.71W, 0.09, h25km, n16, s049/22, 13C-1D, Virgin Islands

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

IDC 07 03:50:17.9, 1.9, 8.045S, 126.04E, mb3.5/1, mb1.4/4, 3, mb1mx4.2/6, ML4.1/2, Error ellipse: s-maj=263.0km, s-min=31.5km az=61.0, Timor region

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

NEIC 07 03:53:07.0, 50.49N, 130.27W, h10km, mb4.1/11, ML4.0(PGC), After PGC

PGC 07 03:53:07.4, 50.49N, 130.27W, h10km, MLSn4.0/1, West of Vancouver Island, British Columbia

IDC 07 03:53:09.9, 1.5, 50.68N, 129.66W, mb3.8/3, mb1.4/2/10, mb1mx4.1/20, ML4.0/5, MS3.4/6, Ms1.3/3, ms1mx3.1/26, Error ellipse: s-maj=31.1km s-min=16.4km az=70.0

ISC 07 03:53:07.1, 1.5, 50.66N, 0.03, 130.04W, 0.06, h8km, 8km, n101, s105/118, mb3.9/6, MS3.3/3, 4C-1D, Vancouver Island region

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LLLB, VDB, MBW, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HASS, Waha, HILS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BHPL, PTH, CHKZ, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes KISR, MOS, THR, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes VTS, BHGR, MOS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes FINES, NVS, GRF, etc.

Table of astronomical observations for 7 days and 5 hours, listing station names, coordinates, and observation details.

Table of astronomical observations for 7 days and 5 hours, listing station names, coordinates, and observation details.

Table of astronomical observations for 7 days and 5 hours, listing station names, coordinates, and observation details.

s-min=21.0km az=155.0
ISC 07 05:10:45.0, 4.5, 38.84A, 0.04, 141.63E, 0.08, h78km, 4km,
h111km, 2.2km; p-P, n23, d060/36, mb3.8/6, 9C-1D, Near
east coast of eastern Honshu

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

IDC 07 05:14:15.1, 2.3, 31.80N, 49.57E, mb4.0/14, mb1 4/2/15,
mb1mx4.1/19, ML4.2/1, Error ellipse: s-maj=53.4km
s-min=23.6km az=174.0
KISR 07 05:14:17.1, 0.8, 31.97N, 49.84E, h45km, MD4.1,
mb4.5(NEIC)
MOS 07 05:14:20.6, 0.5, 32.15N, 49.35E, h33km, mb4.4/4, Error
ellipse: s-maj=24.1km s-min=11.1km az=105.3
NEIC 07 05:14:22.1, 2.2, 32.02N, 49.61E, h45km, 20km, mb4.5/5,
Error ellipse: s-maj=29.0km s-min=12.5km az=159.0
SNSN 07 05:14:27.0, 1.0, 31.96N, 49.88E
ISC 07 05:14:19.7, 1.2, 31.89N, 0.07, 49.65E, 0.08, h48km, 15km,
n58, r105/65, mb4.1/21, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Umm Al-Rimman, Mutribah, KBD, etc.

Table with columns: S/JPF, ESDC, SPITS, LIC, FRB, SCHO, INK, ILAR, YKA. Lists stations like Ste Jean, Sonsea Array, Spitsbergen Ar, etc.

IDC 07 05:34:23.1, 3.2, 38.33N, 75.48E, mb4.1/7, mb1 4/1/9,
mb1mx4.0/17, ML3.4/2, Error ellipse: s-maj=64.8km
s-min=31.2km az=152.0
NINC 07 05:34:27.8, 4.5, 38.96N, 75.16E, mpv4.0, Error ellipse:
s-maj=53.8km s-min=17.5km az=15.0
MOS 07 05:34:28.2, 1.5, 38.67N, 75.07E, h33km, mb4.3/7, Error
ellipse: s-maj=21.5km s-min=9.2km az=103.3
BUJ 07 05:34:28.2, 38.73N, 75.30E, h51km, mb4.4, ML4.0, MS4.2,
Ms24.1
NEIC 07 05:34:34.1, 6.5, 38.95N, 75.19E, h49km, 39km, mb4.1/2,
Error ellipse: s-maj=64.8km s-min=22.4km az=186.0
ISC 07 05:34:28.8, 0.6, 38.59N, 0.04, 75.37E, 0.06, h49km, 7km,
n53, r146/59, mb4.1/11, MS3.5/3, 6C-3D, Southern
Xinjiang

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

ISC 07 05:59:56.3, 45.09S, 167.54E, h96km, After WEL.
WEL 07 05:59:58.0, 3.3, 45.08S, 167.43E, h94km, 2km, ML4.2/5,
3C-2D, Error ellipse: s-maj=2.2km s-min=1.6km az=90.0,
South Island

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

Table with columns: GERES, NB2, NB2, NOA, NOA, SPITS, INK, INK, YKA. Lists stations like NORARS Subarra, Spitsbergen Ar, etc.

TIF 07 05:53:41.9, 42.43N, 45.75E, h7km, Mpv4.6
MOS 07 05:53:43.2, 3.1, 41.94N, 46.16E, h10km, mb4.0/1, Error
ellipse: s-maj=14.3km s-min=8.9km az=56.9
ISC 07 05:53:42.7, 0.4, 42.05N, 0.05, 46.05E, 0.04, h10km, n17,
r127/28, 3C-7D, Eastern Caucasus

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

NEIC 07 05:59:56.3, 45.09S, 167.54E, h96km, After WEL.
WEL 07 05:59:58.0, 3.3, 45.08S, 167.43E, h94km, 2km, ML4.2/5,
3C-2D, Error ellipse: s-maj=2.2km s-min=1.6km az=90.0,
South Island

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

MOS 07 06:01:27.0, 1.2, 41.90N, 45.73E, h10km, mb3.7/1, Error
ellipse: s-maj=48.6km s-min=12.0km az=53.8, Eastern
Caucasus

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

NEIC 07 06:11:08.4, 1.4, 51.62N, 16.13E, h5km, ML2.9(VIE),
ML2.0(BRG), Error ellipse: s-maj=14.6km s-min=9.0km

az=23.0  
WAR 07 06:11:10.4, 51.56N, 16.01E, ML3.0, Mining Induced  
PRU 07 06:11:10.1, 51.55N, 16.06E  
ISC 07 06:11:07.4, 0.8, 51.56N, 0.04, 16.07E, 0.03, n19, c19, 22/47, 2C, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like KSP, PRU, UJICE, etc.

TIR 07 06:13:22.2, 42.13N, 19.24E, h25km  
NEIC 07 06:13:23.7, 42.15N, 19.25E, h11km, MD1.6(PDG), After PDG.  
PDG 07 06:13:23.7, 0.1, 42.15N, 19.25E, h11km, 1km  
ISC 07 06:13:23.9, 0.6, 42.14N, 0.03, 19.25E, 0.04, h11km, n7, c90/14, 1C-20, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like ULC, TTT, BHM, etc.

IDC 07 06:59:02.4, 3.8, 31.89N, 49.44E, mb3.8/7, mb1 3.9/8, mb1mx3.9/16, ML3.0/1, Error ellipse: s-maj=76.3km s-min=24.8km az=167.0  
KISR 07 06:59:03.3, 1.2, 32.04N, 49.70E, h33km, MD3.8, mb4 (1NEIC)  
NEIC 07 06:59:07.5, 1.7, 31.68N, 49.41E, h50km, mb4.1/1, Error ellipse: s-maj=36.6km s-min=11.6km az=159.0  
ISC 07 06:59:04.1, 2.6, 32.09N, 0.06, 49.3E, 0.1, h13km, 18km, n18, c97/20, mb3.6, 1C-1D, Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like MIB, UMR, KBD, etc.

NIED 07 07:02:00.44, 00N, 148.00E, h35km, Mw3.7 Best double couple: M4.0, 1014 NP1, 20°, 078°, 182°. NP2, 234°, 815°, 123°.  
MOS 07 07:02:52.6, 1.5, 44.49N, 148.33E, h59km, mb4.2/2, Error ellipse: s-maj=25.4km s-min=22.0km az=37.9  
JMA 07 07:02:53.6, 0.3, 43.99N, 148.00E, M4.5  
IDC 07 07:02:56.7, 4.8, 44.74N, 148.26E, h62km, mb3.3/5, mb1 3.6/6, mb1mx3.5/17, ML3.5/1, Error ellipse: s-maj=82.9km s-min=30.0km az=174.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like NOA, ARCES, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like KUR, YUK, NEM, etc.

BUI 07 07:51:35.3, 43.60N, 110.40W, h3km, mb5.0, mb5.1, Ms5.2, Ms4.7  
NEIC 07 07:51:37.3, 0.5, 43.57N, 110.38W, h3km, 3km, mb4.7/28, ML4.7, MS4.8/3, Error ellipse: s-maj=3.5km s-min=2.5km az=86.0  
NEIC Felt [IV] at Kelly, Lander, Moose and Moran; [III] at Dubois, Jackson and Wilson. Also felt [III] at Driggs, Idaho Falls and Victor, Idaho.

HRVD 07 07:51:37.3, 0.4, 43.59N, 110.24W, h12km, Mw4.9/52, Centroid moment tensor Solution: LP body waves: s23, c28, Mantle waves: s52, c79. Half duration: 0. Moment tensor: Scale 10^19Nm; Mr=2.13e16; Mb=1.10e14; Mw=3.22e12; Mm=0.26e9; Ms=0.21e12; Mr=1.49e41; Best double couple: M3.0, 9x10^16 NP1, 162°, 832°, 112°. NP2, 98°, 860°, 17°. Principal axes: T3.61, P1.74, Azm88°; N-1.04, Plg12°, Azm181°; P-2.58, Plg71°, Azm309°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.  
IDC 07 07:51:37.4, 0.6, 43.64N, 110.24W, mb4.4/13, mb1 4.6/19, mb1mx4.6/20, ML4.3/6, MS4.1/21, MS1.4/1, 2/1, mb1mx4.0/25, Error ellipse: s-maj=17.1km s-min=8.9km az=66.0  
MOS 07 07:51:40.4, 1.1, 43.67N, 110.36W, h33km, mb4.9/12, Error ellipse: s-maj=23.0km s-min=10.5km az=96.7  
ISC 07 07:51:36.9, 1.0, 43.57N, 0.02, 110.38W, 0.03, h12km, 7km, h1km, 1.1km, pP-P, N186, c19/08/174, mb4.6/35, MS4.3/24, 5C-3D, Wyoming

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like LKWy, BWO6, PDAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like TPNV, WUAZ, WCN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like CBKS, OHC, CMB, etc.

ISC 07 07:52:01.2, 0.1  
ISC 07 07:52:01.3

ISC 07 07:52:01.2, 0.1  
ISC 07 07:52:01.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like YKAW, YKAW, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists stations like ARCES, ARCES, etc.

Table with columns: NOA, NORSAR Array B, Frequency, P, Pmax, Time, Res. Includes stations like Joensuu, FINESS Array B, La Paz, etc.

Table with columns: MKAR, Makanchi Array, Frequency, P, Pmax, Time, Res. Includes stations like Nanjing, Lanzhou, Warramunga Arr, etc.

Table with columns: NVAR, Station Name, Frequency, P, Pmax, Time, Res. Includes stations like Boulder Array, Pinedale Array, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Damiano, Abries, Sta Anna Valdi, Anna di Valdie, Cesana Torines, Entracque, Mont Tournerai, L'Aution, Auriere, Saorge, Sospel, Monesi, Oris-en-Rattie, Roburent, Reno Superiore, La Foret Royal, Negi, Simiane la Rot, Imperia, Finale Ligure, Ceresole Reale, La Plagne, La Moure, Pian Castagno.

NEIC 07 09:44:00.9.0.2.44.33N.6.79E h5km, ML2.4(LDG), ML2.3(GEN), ML2.0(STR) After STR, STR 07 09:44:00.9.0.2.44.33N.6.79E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 07 09:44:00.6.0.1.44.45N.6.78E, h2km, ML2.0.3, ML2.4/3, Error ellipse: s-maj=2.4km s-min=1.4km az=80.0, ISC 07 09:43:59.8.0.3.44.42N.0.02.6.76E.0.03, h2km, n30, o573/50, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Saint Ours, Prazzo, Montbardon, DOI, Abries, Sta Anna Valdi, Anna di Valdie, Cesana Torines, Entracque, Mont Tournerai, Mont Vial, L'Aution, Auriere, Calern, Saorge, Sospel, Monesi, Oris-en-Rattie, Roburent, Reno Superiore, La Foret Royal, Negi, Imperia, Simiane la Rot, Roro, Finale Ligure, Ceresole Reale, La Plagne, La Moure, Pian Castagno.

ISC 07 09:54:59.6.1.4.21.97S.169.44E, mb4.3/4, mb1 4.5/5, mb1mx4.4/9, ML3.9/1, MS3.8/2, Ms1 3.8/2, ms1mx3.5/9, Error ellipse: s-maj=34.6km s-min=29.5km az=62.0, NEIC 07 09:55:00.8.0.8.22.04S.169.55E, h10km, mb5.0/6, Error ellipse: s-maj=20.3km s-min=12.5km az=218.0, ISC 07 09:55:04.2.1.5.22.09S.0.07.169.45E.0.09, h47km, 14km, n21, o582/20, mb4.6/10, MS3.6/1, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Colim, Kasperske Hory, Geres, Geres Array B.

IDC 07 10:02:47.8.0.8.20.88S.68.92W, h102km, 5km, mb3.8/6, mb1 4.0/8, mb1mx4.0/10, Error ellipse: s-maj=29.8km, s-min=16.5km az=90.0, ISC 07 10:02:44.9.0.8.21.02S.0.08.68.9W.0.1, h102km, h102km, 1.1km, P-P, n17, o661/14, mb4.2/8, 1C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Paz, Villa Florida, Socorro, EI Rosal, Lajitas Array, Lamto, Toumudi, Kooka Boka, Pineda Array, Mina Array, Schefferville, Yellowknife A, Yellowknife B, Warramunga Arr, WRA, MKAR, MKAR.

IDC 07 10:06:08.9.1.1.21.12S.169.30E, mb4.4/5, mb1 4.6/6, mb1mx4.5/9, ML3.6/1, MS3.5/1, Ms1 3.5/1, ms1mx3.2/9, Error ellipse: s-maj=42.7km s-min=26.2km az=155.0, NEIC 07 10:06:10.6.0.5.21.11S.169.35E, h10km, mb4.9/2, Error ellipse: s-maj=17.5km s-min=14.7km az=162.0, ISC 07 10:06:08.5.0.8.21.15S.169.44E.0.09, h10km, n22, o593/17, mb4.4/7, MS3.4/1, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Port Vila, Urewera, CNB, WRA, ASAR, MBWA, QSPA, ENH, NVAR, ILAR, INK, YKA, YKA, BRG, CLM, CLM, KHC, Geres Array B.

IDC 07 10:07:28.8.1.7.6.95S.128.64E, mb4.1/2, mb1 4.3/4, mb1mx4.1/7, ML4.3/1, MS3.4/1, Ms1 3.4/1, ms1mx2.9/11, Error ellipse: s-maj=127.0km s-min=29.3km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, WRA, ASAR, ASAR, MKAR, BVAR, WRA, ASAR, ASAR, ASPA, YBA, NVAR, VIB.

IDC 07 10:15:17.4.1.8.14.85S.173.96W, mb4.0/8, mb1 4.3/8, mb1mx4.3/10, MS3.7/1, Ms1 3.7/1, ms1mx3.5/10, Error ellipse: s-maj=112.0km s-min=21.6km az=150.0, ISC 07 10:15:21.3.1.5.14.85S.0.6.174.2W.0.4, h33km, n12, o601/20, mb3.9/8, MS3.8/1, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lajitas Array, Eielson Array, PDAR, YKA, KHC, Geres Array B.

IDC 07 10:18:17.1.6.3.31.31N.48.88E, mb4.0/5, mb1 4.1/5, mb1mx3.8/15, Error ellipse: s-maj=125.0km s-min=54.0km az=0.0, KISR 07 10:18:21.4.0.8.31.84N.49.74E, h14km, 477km, ML3.5, ISC 07 10:18:24.3.3.3.32.09N.10.49.1E.0.3, h23km, 26km, n13, o584/15, mb4.0/5, Western IR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MIB, UMR, KBD, RST, NAY, RDF, QRN, BVAR, FINES, NB2, NOA, SPITS, YKA.

NEIC 07 10:42:38.7.0.5.8.39N.82.69W, h36km, 4km, mb5.1/57, MS4.9/12, MW5.5, Error ellipse: s-maj=6.9km s-min=4.9km az=211.0, Moment Tensor Solution, s5 Moment Tensor, Scale 107Nm; Mr=1.0; M1=1.58; M2=1.46; M3=1.28; M4=0.57; M5=0.93; Best double couple: M2.3x1017 NP1: 0.67, 1.177, NP2: 0.304, 0.89, 1.44; Principal axes: T 2.27, P1g28, Azm359; N 0, P1g46; Azm121; P -2.27, P1g31, Azm250;

NEIC Felt at Boquete, Panama and at Escazu, San Jose, Santa Ana and Turrialba, Costa Rica, HRVD 07 10:42:38.7.0.2.8.40N.82.85W, h40km, 1km, MW5.5/74, Centroid moment Tensor Solution, LPk body waves: s56,c92; Mantle waves: s74,c146; Half duration: 1.4s Moment tensor: Scale 107Nm; Mr=0.35; M1=0.61; M2=0.64; M3=1.95; M4=0.76; M5=0.76; M6=0.61; M7=0.84; M8=0.46; Best double couple: M2.18x1017 NP1: 0.36, 0.59, 1.77; NP2: 0.87, 1.31; Principal axes: T 1.97, P1g24, Azm359; N 42, P1g58, Azm132; P -2.39, P1g20, Azm258; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 07 10:42:38.6.8.39N.82.69W, h36km, MB5.1, MS4.9, CASO 07 10:42:38.6.2.2.8.36N.82.80W, h25km, 6km, MD4.4, ML5.9, MW5.5, mb5.1 (NEIC), BUJ 07 10:42:38.6.8.40N.82.70W, h36km, MB5.3, MS5.4, MSz5.3, IDC 07 10:42:41.9.3.3.8.35N.82.80W, h72km, 29km, mb4.4/18, mb1 4.6/19, mb1mx4.6/21, MS4.7/14, Ms1 4.7/14, ms1mx4.6/19, Error ellipse: s-maj=22.4km s-min=13.0km az=9.0

ISC 07 10:42:38.3.0.4.8.42N.0.04.82.73W.0.02, h46km, 2km, n33, o582/20, mb4.6/10, MS3.6/1, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like David, Volcan, Volcan, Baro, Volcan Adams, Buena Vista, Limon, Quespos, Uraza, LCR2, LCR2, ICR, ICR, LAJ, WLN, SJS, SJS, SJS, Puriscal, Puriscal, VPS2, VPS2, CGA2, CGA2, TRTC, TRTC, AZU, AZU, JCR, JCR, FORC, FORC, JTS, JTS, JTS, UPA, UPA, VCR, VCR, CRZ, CRZ, MADN, MADN, CONN, APON, TICN, COFN, CRU, WLN, MAGAN, XAVN, APY, MYM, COPE, PONT, MONT, MIRN, LEON, PYN.

7d 10h

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like TEL3, CRIN, SOMN, CNCH, etc.

2004 JAN

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like SDCO, NCB, SADO, SADO, etc.

2004 JAN

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like HOPS, BSMT, SCHO, SCHO, etc.

2004 JAN

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like HOPS, BSMT, SCHO, SCHO, etc.

184

Table of station data for 185, including station names like MA2, Vanda, SNZO, etc., and their respective coordinates and status.

Main table of station data for 2004 JAN, listing stations like KMI, HYB, CM31, etc., with detailed coordinates and status.

Table of station data for 7d 11h, including stations like TEL3, PYN, SJS, etc., and their coordinates.

Table with columns: WHN, S, S, 11 48 26.0 +5.6, etc. Lists various stations and their coordinates.

Table with columns: WHN, S, S, 11 48 26.0 +5.6, etc. Lists various stations and their coordinates.

Table with columns: BVAR, Borovoye Array, 50.88 309 P, 11 56 40.0 -0.4, etc. Lists various stations and their coordinates.

Table with columns: GUC 07 12:50:47.2, 0.22, 68S, 69.14W, h90km, MD4.0, ML4.1, etc. Lists various stations and their coordinates.

Table with columns: GUC 07 13:01:06.6, 3.5, 29.74S, 177.36W, mb4.1/2, mb1 4.3/4, etc. Lists various stations and their coordinates.

Table with columns: NEIC 07 13:15:00.3, 15.98N-94.60W, h16km, MD4.1 (MEX), After MEX, etc. Lists various stations and their coordinates.

Table with columns: NAY, Al-Radif, 3.49 207 eP, 13 56 44.1 +2.0, etc. Lists various stations and their coordinates.

Table with columns: IDC 07 14:03:03.5, 1.2, 54.72S, 120.72W, mb3.9/3, mb1 4.3/3, etc. Lists various stations and their coordinates.

Table with columns: GUC 07 14:15:42.9, 0.4, 29.85S, 171.62W, h15km, MD3.6, 2C, etc. Lists various stations and their coordinates.







7d 18h

2004 JAN

Table with columns for flight codes (e.g., MAT, SNY, CHG), destinations (e.g., Matsushiro, Shenyang, Chiang Mai), times, and status indicators (e.g., S, P, M, L).

Table with columns for flight codes (e.g., ULN, YUK, YSS, ZAK), destinations (e.g., Ulaanbaatar, Yuzh-Kuril'sk, Zakamensk), times, and status indicators (e.g., P, M, L, S).

Table with columns for flight codes (e.g., YAK, BHK, PET, PONG), destinations (e.g., Yuzh-Kuril'sk, Bhakra, Petropavlovsk), times, and status indicators (e.g., P, M, L, S).



Table with columns for station call letters, frequency, power, and signal strength. Includes stations like Karatay Array, Attu Island, and various other locations.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like Moscow, Mizel, and various other locations.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like Inuvik, Nahal Hemdat, and various other locations.

Table of astronomical observations for 7 days, 18 hours. Columns include station name, object name, magnitude, position angle, and other parameters. Includes stations like OKC, KONO, KONGSBERG, etc.

Table of astronomical observations for 7 days, 18 hours. Columns include station name, object name, magnitude, position angle, and other parameters. Includes stations like KHC, GERES, NERES, etc.

Table of astronomical observations for 7 days, 18 hours. Columns include station name, object name, magnitude, position angle, and other parameters. Includes stations like LOR, DPW, ORIF, etc.

JMA 07 18:57:20.4-0.1, 28.42km, 129.35E, h39km±1km, M4.0
JMA Feil II J1.
NEIC 07 18:57:22.4-0.1, 28.34km, 129.16E, h64km±10km, Error ellipse: s-maj=23.1km s-min=9.5km az=96.0
NEIC Recorded [3 JMA] on Amami-oshima.
IDC 07 18:57:22.6±2.2, 28.37N, 129.24E, h67km±20km, mb3.6/7, mb1.3/7.8, mb1mx3.6/19, Error ellipse: s-maj=31.2km s-min=11km az=94.0
ISC 07 18:57:19.8-0.4, 28.43N-0.04, 129.29E-0.05, h39km±20, 0127/30, mb3.9/7, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like JAGN, JTN, JTT, etc.

IDC 07 18:58:16.6:2.2, 4.7KS:129.05E, mb3.7/1, mb1 4.0/3, mb1mx3.9/6, ML3.5/2, MS4.3/1, Ms1 4.3/1, ms1mx3.5/14, Error ellipse: s-maj=170.0km s-min=27.8km az=68.0, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like WRA, ASAR, JSH, etc.

TAP 07 19:05:36.7, 22.92N:120.71E, h3km, ML4.0, 1C-17D, Taiwan

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like SSS, SSO, SGST, etc.

NEIC 07 19:12:07.4:1.0, 22.07S:169.90E, h10km, mb4.2/1, Error ellipse: s-maj=34.5km s-min=19.9km az=149.0, IDC 07 19:12:07.5:3.1, 21.69S:169.61E, mb4.0/4, mb1 4.4/4, mb1mx4.3/7, Error ellipse: s-maj=173.0km s-min=29.5km az=156.0

ISC 07 19:12:12.3:3.8, 21.6S:0.3, 169.5E:0.2, h4km, mb2.9km, n13, #033/12, mb4.0/5, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like CNB, ASAR, WRA, etc.

MOS 07 19:37:48.2:5.0, 21N:87.52E, h10km, mb4.0/1, Error ellipse: s-maj=20.2km s-min=12.3km az=91.0, NNC 07 19:37:58.7:8.8, 50.18N:86.16E, mpv3.4, Error ellipse: s-maj=76.1km s-min=48.3km az=86.0, ISC 07 19:37:45.5:1.8, 50.10N:0.08-87.8E:0.2, h10km, n15, #154/23, 8C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like AKAR, ARTR, UKR, etc.

MAN 07 19:38:17.8, 10.49N:125.01E, h1km, mb4.5, ML3.4, MS3.3, 1D, Leyte

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like PLP, OCLP, SCPH, etc.

SVSA 07 19:42:18.7:0.8, 40.53N:29.38W, h10km, MD3.5, ML3.7, Azores Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like STGR, ROSA, CALA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like MESC, PCNG, FRA, etc.

NEIC 07 20:04:29.5, 15.87N:97.45W, h27km, mb4.2/8, MD4.5(MEX), After MEX, MEX 07 20:04:29.5:1.0, 15.87N:97.45W, h27km, mb4.2/8, MD4.5, IDC 07 20:04:30.1:1.1, 16.14N:96.93W, h23km, mb4.3/8, mb1 4.0/12, mb1mx3.9/18, ML3.6/1, MS3.9/4, Ms1 3.9/4, ms1mx3.5/22, Error ellipse: s-maj=43.1km s-min=18.1km az=61.0, ISC 07 20:04:29.9:0.9, 15.90N:0.04:97.38W:0.03, h17km, gkm, h23km, #1.1, kmpp-P, n6.1, #157/70, mb4.0/16, MS3.9/3, 1D, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like PNIG, HUIG, VHO, etc.

IDC 07 20:07:36.9:12.0, 14.03N:92.44W, mb3.7/2, mb1 4.0/3, s-min=113.8km az=9.0, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like TXAR, NVAR, etc.

NEIC 07 20:46:42.7, 0.47N:7.67E, h18km, ML1.8(LDG), ML1.0(ZUR), After LDG, LDG 07 20:46:42.7:0.3, 47.94N:7.67E, h18km, ML1.8(LDG), ML1.8(LDG), Error ellipse: s-maj=5.8km s-min=3.1km az=109.0, WARRAMUNGA ARR 130.78 257 PKP P, Error ellipse: s-maj=0.8km s-min=0.4km az=169.0, ZUR 07 20:46:42.2, 47.94N:7.72E, h10km, ML1.0/4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res ISC. Includes stations like TXAR, NVAR, etc.

7d 22h

ISC 07:20:46:42.70.4, 47.93N.0.03:7.74E:0.04, h18km, n13, s+104/22, 1C-1D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIZ Kircharten, SULZ Sultz-Chaischa, SLE Schleiheim, etc.

NEIC 07:20:49:05.3, 36.28N-22.12E, h5km, MD3.5(ATH), After ATH.

ATH 07:20:49:05.3, 36.28N-22.12E, h5km, MD3.5/5, Southern Greece

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

IDC 07:21:21:51.2, 12.0, 21.48S, 176.61W, h182km, 119km, s-maj=5.5, mb1 3.9, mb2 1mX3.9, Error ellipse: s-maj=67.1km s-min=25.2km az=169.0

ISC 07:21:21:51.3, 0.9, 21.7S, 0.2, 176.6W, 0.2, h200km, n8, s+056/4, mb3.5/5, Fiji Islands region

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

IDC 07:21:57:39.6, 0.6, 1.23N, 122.79E, mb4.7/10, mb1 4.8/10, mb1mx4.7/14, MS3.9/4, Mst 3.9/4, ms1mx3.7/14, 4.8/10, Error ellipse: s-maj=40.6km s-min=15.4km az=65.0

MOS 07:21:57:42.8, 1.5, 1.29N, 122.86E, h33km, mb5.1/8, Error ellipse: s-maj=17.0km s-min=9.7km az=103.8

DJA 07:21:57:43.5, 1.0, 1.39N, 122.79E, h100km, MD5.0/3, Error ellipse: s-maj=74.7km s-min=20.6km az=120.0

NEIC 07:21:57:43.5, 1.2, 22N, 122.70E, h44km, 14km, mb4.9/11, Error ellipse: s-maj=17.4km s-min=6.8km az=62.0

BJI 07:21:57:45.3, 1.2, 20N, 122.80E, h43km, mb5.0, mb4.8, Ms4.3, Msz3.9

HRVD 07:21:57:45.3, 0.8, 1.54N, 122.62E, h34km, 2km, MW5.0/43, Centroid moment Tensor Solution. LP body waves: s24, c30; Mantle waves: s43, c52; Half duration: 1s2

Moment tensor: Scale 10^16Nm; Mr 1.97e+31; Mw 1.91e+19; Mw-0.06e+27; Mw-2.03e+25; Mw 1.48e+21; Mw-1.01e+50; Best double couple: M3.31x10^16 Np1: 0e+147, 039, 143; NP2: 267, 068, 157; Principal axes: T, 3.51, P, 55.5, Azm136; N, -38, P, 30; Azm281; P, -3.12, P, 17; Azm21; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 07:21:57:40.5, 1.4, 1.23N, 0.03, 122.79E, 0.05, h175km, 101km, h33km, 3.4km, p-P, n86, e+108/90, mb4.8/35, MS3.9/6, 11C-3D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, BUNTI Buntu Taipa, TANI Tanete Lipujan, etc.

2000 JAN

Main table with columns: ASAR, Alice Springs, 27.00 157 P, P, 22 03 23.2 -0.4, etc. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, etc.

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Table with columns: CPUP, comp=Z, 1.0nm, 0.9s, pmax, pmax, 22 06 45.0 -0.5, etc. Includes stations like CPUP, CPUP, LPAZ La Paz, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like INK, ILAR, QSPA, P3C, CN2, WMQ, WRA.

IGQ 08 00:07:45.9, 0.42S, 77.93W, h22km, 3km, mb4.1, 12C-9D, Error ellipse: s-maj=1.0km s-min=0.7km az=29.9,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CAYR, CONE, AZU1, AZU2, CAYA, TAMB, VC1, NAS1, MARY, JUA2, YANA, GGP, CCGP, PINO, PISA, JORI, COTA, QIL1, ULBA, QIL2, PATA, ARRY, ECEN, IGUA, IGUA, CUPA, MAGD.

IGQ 08 00:15:04.7, 0.41S, 77.95W, h15km, 2km, mb4.0, 10C-8D, Error ellipse: s-maj=1.1km s-min=0.6km az=53.8,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ANTI, CAYR, CONE, CAYA, AZU1, AZU2, TAMB, VC1, NAS1, MARY, JUA2, GGP, CCGP, PINO, PISA, JORI, COTA, QIL1, ULBA, PATA, ARRY, ECEN.

HEL 08 00:16:38.7-0.2, 67.84N-20.22E, ML2.0, ML1.8(BER), ML2.1(NAO), Explosion NAO 08 00:16:38.2-1.9, 67.84N-20.06E, ML2.1 BER 08 00:16:40.6-3.3, 67.89N-19.98E, ML1.8, ML2.1(NAO), Suspected explosion

ISC 08 00:16:34.3-0.5, 67.70N-0.03, 19.98E-0.08, n18, e193/23, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KIF, KTK1, TRO, LOF, SGF, MOR8, ARA0, ARA1, ARA2, KEV, OUL, NSS, KJJ, SUF.

NEIC 08 00:40:18.9-1.1, 31.31S-69.03W, h126km, 15km, MD3.7(GUC), Error ellipse: s-maj=11.0km s-min=7.3km

GUC 08 00:40:19.2-1.0, 31.32S-69.26W, h145km, MD3.7, ML3.7 ISC 08 00:40:18.6-0.9, 31.32S-0.04, 69.04W, h121km, 8km, n18, e092/30, 1C-2D, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZON, MDZ, CMCH, ILCH.

NEIC 08 00:40:18.9-1.1, 31.31S-69.03W, h126km, 15km, MD3.7(GUC), Error ellipse: s-maj=11.0km s-min=7.3km

GUC 08 00:40:19.2-1.0, 31.32S-69.26W, h145km, MD3.7, ML3.7 ISC 08 00:40:18.6-0.9, 31.32S-0.04, 69.04W, h121km, 8km, n18, e092/30, 1C-2D, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZON, MDZ, CMCH, ILCH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ILCH, TLL, TLL, TLL, OVCH, OVCH, FCH, FCH, FCH, FCH, FCH.

comp=N, 147nm, 0.1s Farellones 2.26 208 i P 00 40 57.5 +1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FCH, FCH, ROCH, ROCH, PACH, PACH, FCH, FCH, FCH, FCH.

comp=N, 147nm, 0.1s Farellones 2.26 208 i P 00 40 57.5 +1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TACH, TACH, CHCH, CHCH, LCH, LCH, VACH, VACH, VACH, VACH.

comp=N, 147nm, 0.1s Farellones 2.26 208 i P 00 40 57.5 +1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CICH, CICH, TRQA, TRQA, TRQA, TRQA.

NEIC 08 00:44:00.36, 20N-139.80E, h53km, Mw3.9 Best double couple: M29.2x10^14 NP1.9e93, d77, lambda.79, NP2.0e315, d77, lambda.130

IGQ 08 00:44:25.4-0.1, 36.16N-139.70E, h54km, 28km, mb3.6/11, mb1 3.9/13, mb1mx3.8/19, ML4.3/2, MS3.2/2, Ms1 3.2/2, ms1mx2.8/24, Error ellipse: s-maj=27.2km s-min=16.7km az=84.0

JMA 08 00:44:25.4-0.1, 36.16N-139.81E, h53km, 1km, M4.0 Broadband fault plane solution: P waves. NP1.0e243, d77, lambda.9, NP2.0e104, d85, lambda.94, Principal axes: T P150.5, Azm19; N P14, Azm284; P P140, Azm190;

JMA Felt II J NEIC 08 00:44:26.2-1.2, 36.13N-139.70E, h71km, 10km, mb4.2/3 Error ellipse: s-maj=14.4km s-min=12.3km az=68.0

NEIC 08 00:44:26.2-1.2, 36.13N-139.70E, h71km, 10km, mb4.2/3 Error ellipse: s-maj=14.4km s-min=12.3km az=68.0

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JYT, JYT, JAG, JAG, JHU, JHU, JHU, JHU, JRY, JRY, JKT, JKT, JOD2, JOD2, JYN, JYN, JYM, JYM, JHF, JHF, JJK, JJK, MAJO, MAJO, MAT, MAT, MAT, MAT, MAT, MAT, JFT, JFT, JHJ, JHJ, JHJ.

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

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ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

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ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

ISC 08 00:44:23.8-0.4, 36.13N-139.70E, h54km, 28km, mb3.6/11, n35, e088/48, mb3.8/14, 2D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CLL, CLL, PRU, PRU, KHC, KHC, GERES, GERES, GRA1, GRA1, GRT, GRT, GRO, GRO, SOTA, SOTA, DAVOX, DAVOX, HAU, HAU, MEZF, MEZF, CABF, CABF, LOR, LOR, SSF, SSF, LPL, LPL, LPG, LPG, SMF, SMF, ORIF, ORIF.

IDC 08 00:57:58.2-2.3, 7.32S-129.07E, mb3.3/1, mb1 3.6/3, s-minmx3.6/6, ML3.3/2, Error ellipse: s-maj=138.0km s-min=39.9km az=67.0, Banda Sea

WRA Warramunga Arr 13.55 158 Pn 01 01 11.3 -3.1

ASAR Alice Springs 16.90 165 Pn 01 01 56.9 -1.0

ISC 08 00:59:51.4-4.4, 52.69N-170.04W, h66km, 42km, mb3.2/6, mb1 3.5/8, mb1mx3.4/20, ML3.4/2, MS3.2/1, Ms1 3.3/1, ms1mx1.9/16, Error ellipse: s-maj=45.3km s-min=23.6km az=62.6

ISC 08 00:59:49.0-3.5, 52.72N-0.3-170.1W-0.2, h60km, 34km, n8, e180/19, mb3.3/6, Fox Islands

FX1 Attu Island-F 10.16 278 Pn 01 02 14.6 +0.2

ILAR Eielson Array 16.92 35 Pn 01 03 42.1 -0.6

INX Inuvik 23.30 34 Pn 01 04 54.2 +2.5

TXAR Lajitas Array 53.17 89 Pn 01 09 02.1 -0.8

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero

MEX 08 01:08:22.3, 15.94N-98.03W, h2km, MD4.1(MEX), After Guerrero



Table with columns: WRA, WB2, PNC, ASPA, ASAR, MKAR. Includes station names, frequencies, and technical details.

IDD 08 03:49:01.0-0.7, 54.735x120.54W, mb4.4/7, mb1 4.7/7, mb1mx4.6/9, MS3.7/1, Ms1 3.7/1, ms1mx3.4/7, Error ellipse: s-maj=53.6km s-min=20.9km az=154.0

NEIC 08 03:49:02.0-3, 54.665x120.58W, h10km, mb4.7/7, Error ellipse: s-maj=19.0km s-min=12.3km az=153.0

BUI 08 03:49:02.2, 54.705x120.60W, h10km, Ms5.3, Msz5.1

ISC 08 03:49:01.4-0.5, 54.75x120.60W, 2.0, h10km, n53, 0.1500/22, mb4.5/13, MS4.2/2, 1C, Southern East Pacific

Main table for 8d 6h section, listing various stations (GSPA, TRQA, SNAAP, CPUP, etc.) with their respective frequencies and technical parameters.

IDD 08 04:23:47.1-4.6, 6.87Sx155.25E, mb3.6/3, mb1 3.8/3, mb1mx3.7/8, Error ellipse: s-maj=138.0km s-min=40.1km az=115.0, Bougainville - Solomon Islands region

Table listing stations in the Bougainville - Solomon Islands region, including WRA, ASAR, MKAR, etc.

INMG 08 04:40:51.9-0.9, 37.34N-8.51W, h15km, 4km, ML1.5, Error ellipse: s-maj=3.8km s-min=2.2km az=41.0

MDD 08 04:40:52.0-0.9, 37.38N-8.49W, h1km, 1km, mbLg1.6/8, Error ellipse: s-maj=9.6km s-min=3.5km az=20.0, PRXIMO

ISC 08 04:40:50.6-1.5, 37.30N-0.07-8.52W, 0.07, h15km, n15, 0.0592/18, Portugal

Table listing stations in the Portugal region, including PTEO, PALC, EGRO, etc.

Table listing stations in the Beja region, including PBEJ, MOE, EMIN, etc.

Table listing stations in the Vanuatu Islands region, including DZM, STKA, ASAR, etc.

MDD 08 05:06:49.9-2.2, 36.42N-10.60W, mb3.7/5, Error ellipse: s-maj=19.1km s-min=16.3km az=67.0, PRXIMO

INMG 08 05:05:50.3-0.6, 36.37N-10.65W, h5km, ML1.7, Error ellipse: s-maj=4.3km s-min=2.8km az=77.0

ISC 08 05:05:50.5-1.1, 36.350N-10.07x10.40W, 0.09, h5km, n18, 0.1504/32, Azores-Cape St. Vincent Ridge

Main table for 2004 JAN section, listing various stations (PTEO, PALC, PBEJ, etc.) with their respective frequencies and technical parameters.

KRSC 08 05:10:30.9-1.9, 9.5508Nx160.79E, h148km, 4km, ML3.8, Kamchatka Peninsula

Table listing stations in the Kamchatka Peninsula region, including KMNR, KOZ, KLY, etc.

ISK 08 05:22:55.4, 34.42N-33.99E, h15km, MD3.3

NEIC 08 05:22:59.6, 34.60N-34.04E, h25km, ML3.0(NIC), After NIC

NIC 08 05:22:59.6, 34.60N-34.04E, h25km, ML3.0, MW3.3

ISC 08 05:22:56.7-1.9, 34.450N-0.09-34.0E, 0.1, h25km, n10, 0.0591/13, 1C-1D, Cyprus region

Table listing stations in the Cyprus region, including PHNC, MAGT, MAGT, etc.

Table listing stations in the Isikli region, including IKL, Isikli.

NEIC 08 05:29:30.0, 37.68N-20.53E, h5km, MD3.6(ATH), After ATH

ATH 08 05:29:30.0, 37.68N-20.53E, h5km, MD3.6/6

ISC 08 05:29:31.5-1.1, 37.81N-0.09-20.46E, 0.07, h5km, n13, 0.1937/16, Ionian Sea

Table listing stations in the Ionian Sea region, including VLS, EVR, JAK, etc.

DHMR 08 05:38:51.6-0.9, 12.14Nx43.93E, h7km, 9km, MD3.4, ML3.5, 1C-2D, Western Arabian Peninsula

Table listing stations in the Western Arabian Peninsula region, including TRBA, ADEN, UDYN, etc.

DHMR 08 06:07:17.1-1.1, 11.90Nx43.84E, h28km, 9km, MD3.9, 6C, Ethiopia

Table listing stations in the Ethiopia region, including TRBA, ADEN, UDYN, etc.

JMA 08 06:10:12.6-0.2, 43.26Nx146.53E, h53km, 2km, M3.5, Kuril Islands

Table listing stations in the Kuril Islands region, including NEM2, JRA, JNK, etc.

MOS 08 06:10:27.7-1.0, 2.25Nx127.16E, h33km, mb4.9/6, Error ellipse: s-maj=31.5km s-min=11.9km az=104.6

NEIC 08 06:10:41.5-2.6, 2.15Nx127.23E, h145km, 25km, mb4.6/13, Error ellipse: s-maj=18.7km s-min=8.0km az=77.0

ISC 08 06:10:42.8, 3.5-2.15N, 127.32E, h157km, 30km, mb4.0/7, mb1 4.2/7, mb1mx4.1/11, Error ellipse: s-maj=47.2km s-min=11.9km az=74.0

ISC 08 06:10:35.7-1.2, 2.21Nx102.06E-127.2E, 0.1, h106km, 11km, n43, 0.087/43, mb4.6/20, 1C-1D, Northern Molucca Sea

Table listing stations in the Northern Molucca Sea region, including GSPH, KCP, ZMPH, etc.

WRA 22:11:163 P 44nm, 0.9s, mb4.8, baz=344, slow=11, SNR=107

WRA 1.5nm, 0.8s, baz=347, slow=18, SNR=4.6

WB2 Warramunga Arr 23:12 163 eP

MBWA Marble Bar 24:33 197 eP

ASAR Alice Springs 26:54 166 P

ASAR 3.6nm, 0.8s, baz=347, slow=2.1, SNR=10.0

ASAR 1.3nm, 0.8s, baz=353, slow=21, SNR=2.9

CTA Charters Tower 29:02 141 eP

CTA Charters Tower 29:02 141 eP

MAJO Matushiro 35:66 15 P



Table with columns: YAK, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like Yakutsk, Kurchatov, Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like TRBA, ADEN, LBOS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like ASAR, WRA, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like BINT, ERZM, BTMT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like ATH, PTL, NEO, etc.

MOS 07:44:48.9.1.1.51.48N:177.90E, h44km, mb5.3/31, MS4.5/18, Error ellipse: s-maj=9.5km s-min=6.1km

MS4.5/2, ML4.7(PMR), ML4.6(AEIC), Error ellipse: s-maj=6.6km s-min=3.3km az=183.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like SMY, FX1, ADK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like SDN, SKR, ANM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like BILL, BILB, ADK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like FIB, PWA, PMS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like IMA, PMR, SML, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like THY, YSS, ASAJ, etc.

INK Inuvik 28.59 36 eP P 07 50 42.1 -0.5

Table with columns: INK, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like Inuvik, Kul'dur, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like TIXI, DLBC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like MDJ, HIA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like CN2, CBJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like YKWA, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like WYOR, MSO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, ISC. Includes stations like BEKR, WCN, etc.

INK Inuvik 28.59 36 eP P 07 50 42.1 -0.5

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPB, LKWB, NJ2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZRNC, Zerenda, SVE, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UPC, Upice, KIV, etc.

IDC 08 07:53:12.1, 3.0, 49.89km, 157.33E, mb4.0, 7, mb1 4 1/7, mb1mx3.8/19, Error ellipse: s-maj=79.0km s-min=28.1km az=178.0

KRSC 08 07:53:15.9, 1.0, 49.70km, 157.66E, h52km, 31km, ML4.3 MOS 08 07:53:16.2, 0.7, 49.78km, 157.44E, h59km, mb4.2, 6, Error ellipse: s-maj=33.0km s-min=11.5km az=86.7

ISC 08 07:53:17.2, 1.2, 49.77km, 0.07, 157.61E, 0.09, h64km, 9km, n34, c1818/49, mb4.0/8, 1C, East of Kuril Islands

Table with columns for Code, Station Name, Az, Phase ID, Op, Time, Res, and other details. Includes stations like SKR, SFR, etc.







8d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Topopah Spring, Barren Site, Lemitar, Cap Rock, Darwin, Nelsos Junction City, Isabella, Guadalupe Moun, Goldstone, Tucson, Lajitas Arr, etc.

ICD 08 09:49:50.5±1.1, 14.46N-56.37E, mb3.9/10, mb1 4.0/10, mb1mx4.0/14, Error ellipse: s-maj=29.0km s-min=26.6km az=142.0

NEIC 08 09:49:52.3±0.7, 14.51N-56.38E, h10km, mb4.1/1, Error ellipse: s-maj=22.1km s-min=15.6km az=118.0

ISC 08 09:49:50.8±0.8, 14.6N±0.156, 4E±0.2, h10km, n14, ±16/12, mb3.9/11, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Kilima Mbogo, Anoyia, Makanchi Array, Borovoye Array, Chkalovo, Zalesovo, GRESSE Array, LBTB Lobate, FINES FINESS Array B, NOA NORARS Array B, ESDC Sonseca Array, WRA Warrunganga Arr, PDAR Pinedale Array, NVAR Mina Array, etc.

ICD 08 08:52:04.9±1.9, 2.80S-129.98E, mb4.3/4, mb1 4.5/5, mb1mx4.3/10, ML4.3/1, Error ellipse: s-maj=199.0km s-min=22.2km az=70.0

NEIC 08 08:52:11.2±2.9, 3.03S-129.76E, h50km, 29km, mb4.3/6, Error ellipse: s-maj=15.8km s-min=15.8km az=69.0

ISC 08 08:52:07.1±1.2, 2.90S±0.09, 129.7E±0.2, h32km, 18km, n22, ±094/26, mb4.4/8, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Kakadu, Fitzroy Crossi, Tennant Creek, Warrunganga Arr, Marble Bar, Alice Springs, ASPA Alice Springs, Chiang Mai Arr, JIRN, GKN Gorkha, KOLN Koldanda, DANN Dangsing, MKAR Makanchi Array, ZAL Zalesovo, KURK Kurchatov Arr, BOROVYOYE Array, ZRNK Zerenka, BILL Bilibino, VVDA Vanda, CPUP Villa Florida, etc.

NEIC 08 09:10:10.4±0.6, 23.02S±174.90W, h55km, mb4.9/4, Error ellipse: s-maj=18.7km s-min=11.4km az=143.0

ICD 08 09:10:36.4±10.0, 24.06S±174.82W, h319km, 108km, mb3.5/5, mb1 3.9/6, mb1mx3.7/10, Error ellipse: s-maj=54.4km s-min=26.2km az=168.0

ISC 08 09:10:09.0±0.9, 23.05S±175.0W±0.2, h55km, n12, ±054/12, mb4.9/11, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Urewera, Charters Tower, Port Moresby, Alice Springs, Warrunganga Arr, Tennant Creek, WRA Warrunganga Arr, MBWA Marble Bar, NVAR Mina Array, Lajitas Arr, Elselon Array, HFS Hagfors, etc.

2004 JAN

HEL 08 09:15:30.3±0.4, 59.24N±27.09E, ML1.9, ML2.4 (NAO), Explosion NAO 08 09:15:30.8±3.4, 59.32N±26.92E, ML2.4 BER 08 09:15:30.6±1.5, 59.31N±27.24E, ML2.4 (NAO), Suspected explosion

ISC 08 09:15:30.4±2.5, 59.3N±0.1±26.6E±0.2, n10, ±19/03/15, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Pervaja, Metsahovi, FINESS Array S, Kangasniemi, Sumaiinen, Hagfors, ARCESS Array S, etc.

MEX 08 09:27:02.8±0.4, 16.69N±100.33W, h2km±11km, MD3.7, Near coast of Guerrero

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

ICD 08 10:30:17.8±1.7, 59.37N±27.41E, mb1 3.2/4, mb1mx3.1/16, ML2.6/4, Error ellipse: s-maj=16.2km s-min=10.6km az=113.0, Baltic States - Belarus - Northwestern Russia

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

NEIC 08 10:46:19.9, 18.65N-67.36W, h90km, MD3.7 (RSPR), After RSPR

RSPR 08 10:46:19.9, 18.65N-67.36W, h90km±1km, M3.7, 10C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Isla Desecheo, Las Mesas, Lares, Arcobio Observ, Maguayo, Portugal, Cerrillos, Obispo Ponce, Colonia Sabana, San Juan, Canovanas, Cerro la Pandu, Col San Antoni, Monte Pirata, etc.

ICD 08 11:05:53.6±1.2, 15.63S±173.27W, mb3.7/5, mb1 4.0/5, mb1mx3.9/12, MS3.4/1, Ms1 3.4/1, ms1mx3.1/20, Error ellipse: s-maj=59.5km s-min=26.6km az=145.0

ISC 08 11:05:57.2±1.0, 15.65S±173.4W±0.2, h33km, n5, ±096/5, mb3.7/5, MS3.4/1, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Urewera, Warrunganga Arr, Alice Springs, Lajitas Arr, Pinedale Arr, etc.

ICD 08 11:10:16.9±14.0, 14.50N±145.75E, mb3.5/3, mb1 3.7/3, mb1mx3.6/13, Error ellipse: s-maj=424.0km s-min=52.0km az=177.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Makanchi Array, Elselon Array, Yellowknife Arr, etc.

ICD 08 11:17:41.5±1.0, 46.99N±153.88E, mb3.8/8, mb1 3.9/8, mb1mx3.8/19, Error ellipse: s-maj=30.2km s-min=25.6km az=19.0

2004

MOS 08 11:17:48.7±0.7, 47.54N±153.06E, h33km, mb4.3/3, Error ellipse: s-maj=49.0km s-min=26.6km az=71.1

ISC 08 11:17:44.5±4.0, 47.1N±0.1±153.0E±0.2, h29km±28km, n17, ±085/19, mb4.0/11, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Severo-Kuril's, Kuril'sk, Makanchi Array, Borovoye Array, JIRN, KKN Kakani, DANN Dangsing, KOLN Koldanda, NVAR Mina Array, FINES FINESS Array B, FINES FINESS Array B, NOA NORARS Array B, NOA NORARS Array B, HFS Hagfors, HFS Hagfors, ASAR Alice Springs, TXAR Lajitas Arr, etc.

ICD 08 11:26:01.7±1.2, 47.02N±153.92E, mb3.9/8, mb1 4.0/9, mb1mx3.8/20, ML3.3/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/29, Error ellipse: s-maj=34.9km s-min=29.3km az=42.0

MOS 08 11:26:09.6±1.1, 47.36N±153.78E, h64km, mb4.2/5, Error ellipse: s-maj=20.1km s-min=20.1km az=67.1

ISC 08 11:26:08.2±1.7, 47.2N±0.1±154.1E±0.2, h60km±21km, n22, ±073/23, mb4.1/11, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like Severo-Kuril's, Kuril'sk, Borovoye Array, JIRN, KKN Kakani, GKN Gorkha, DANN Dangsing, KOLN Koldanda, FINES FINESS Array B, FINES FINESS Array B, NOA NORARS Array B, NOA NORARS Array B, HFS Hagfors, HFS Hagfors, ASAR Alice Springs, TXAR Lajitas Arr, etc.

NEIC 08 11:32:10.2±44.66N±7.25E, h16km, ML2.3 (GEN), ML2.1 (LDG), ML1.9 (STR), After GEN

STR 08 11:32:10.6±0.2, 44.46N±7.30E, h5km, 1km, ML1.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 11:32:10.6±0.1, 44.44N±7.26E, h2km, MD2.0, ML2.1/5, Error ellipse: s-maj=2.9km s-min=1.3km az=61.0

ISC 08 11:32:10.2±0.3, 44.47N±0.02±7.30E±0.03, h16km, n29, ±052/53, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like PZZ Prazzo, Anna di Valdie, Sta Anna Valdi, Entracque, Saint Ours, Abries, Roburent, Mont Tournerei, Montbardon, L'Aution, Monesi, SAOF Saorge, AURF Auriere, MVIF Mont Vial, Cesana Torines, Sospel, RORO RORO, NEGI Negi, RSP Reno Superiore, RSP Imperia, etc.



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

IDC 08 12:43:14.5t.1.22.71S:170.06E,mb4.4/4,mb1 4.7/4,mb1mx4.4/8,MS4.3/3,Ms1 4.3/3,ms1mx4.0/12,Error ellipse: s-maj=43.7km s-min=31.9km az=132.0

BUII 08 12:43:14.9,22.70S:170.00E,h10km,mb5.3,mb4.6

NEIC 08 12:43:16.0t.0.4,2.22.68S:170.04E,h10km,mb5.1/4,Error ellipse: s-maj=13.4km s-min=10.3km az=122.0

ISC 08 12:43:19.0t.0.3,1.22.52S:0.09t.169.81E,0.07,h33km,21km,n49,r1900/31,mb4.8/21,MS4.2/2,1C,Southeast of Loyalty Islands

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DZM, DZM, DZM, DZM, etc.

IDC 08 12:43:15.1t.2.1,6.69S:129.35E,mb3.7/1,mb1 3.7/3,mb1mx3.7/7,ML3.5/2,Error ellipse: s-maj=110.0km s-min=32.0km az=68.0

NEIC 08 12:44:05.6t.3.0,7.19S:129.04E,h122km,32km,mb4.4/3,Error ellipse: s-maj=32.4km s-min=25.6km az=59.0

ISC 08 12:44:09.0t.2.6,7.75t.0.2,129.1E,0.1,h94km,34km,n7,r095/12,mb3.5/1,Banda Sea

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

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

NEIC 08 12:58:24.4,17.50N:101.10W,h72km,MD3.9(MEX),After MEX.

MEX 08 12:58:25.9t.0.7,17.53N:101.12W,h47km,59km,MD3.9, Near coast of Guerrero

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

IDC 08 13:03:42.8t.3.3,12.88N:89.97W,mb4.0/8,mb1 4.3/8,mb1mx4.0/16,Error ellipse: s-maj=72.1km s-min=43.1km az=9.0

NEIC 08 13:03:48.9t.3.5,12.86N:89.07W,h46km,29km,mb4.1/4,MD3.9(SNET),Error ellipse: s-maj=31.0km s-min=20.3km az=90.0

NEIC Felt [I] at San Salvador, El Salvador. CASC 08 13:03:53.5t.0.2,13.23N:89.55W,h59km,23km,MD4.2,ML4.4,mb4.1(NEIC)

ISC 08 13:03:53.1t.0.5,13.23N:0.06t.89.53W,0.04,h70km,4km,n47,r195/55,mb4.0/10,1C-21D,El Salvador

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

JCT LTX Lajitas 20.71 323 e P 13 08 32.5 +2.7

TXAR Lajitas Array 20.71 323 P 13 08 32.6 +2.7

OXF Oxford 21.19 0 e P 13 08 35.0 +0.3

WMOK Wichita Moun 23.00 340 e P 13 08 53.0 +0.5

WMOK Dugway 33.76 327 P 13 10 29.9 -0.3

NVAR Mina Array Bea 35.79 320 P 13 10 50.4 +2.9

NVAR Mina Array Bea 35.79 320 P 13 10 50.4 +2.9

ULM Lac du Bonnet 37.28 353 P 13 10 58.6 -1.3

SCHO Schefferville 45.15 18 P 13 12 03.2 -1.1

YKA Yellowknife Arr 52.34 346 P 13 12 59.1 -0.6

INK Inuvik 61.86 343 P 13 14 05.9 -1.1

ILAR Eielson Array 64.50 336 P 13 14 23.4 -0.9

ARCES ARCES Array B 86.11 18 P 13 15 50.7 -0.3

WRA Warrungunga Arr 137.52 255 PKP PKPfd 13 23 09.8 0.0

NEIC 08 13:05:49.6,17.63N:100.92W,h30km,MD4.0(MEX),After MEX.

MEX 08 13:05:49.6t.0.7,17.63N:100.92W,h30km,98km,MD4.0, Guerrero

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

LDG 08 13:25:70.1,45.68N:2.94E,h3km,MD2.3/3,ML2.6/13,Error ellipse: s-maj=1.0km s-min=0.8km az=75.0

NEIC 08 13:19:26.0,45.68N:2.97E,h5km,ML2.6(LDG),ML2.5(STR),After STR.

STR 08 13:19:26.0t.0.2,45.68N:2.97E,h5km,1km,ML2.5,Error

ellipse: s-maj=0.0km s-min=0.0km az=1.0 MDD 08 13:19:26.0,45.70N:2.94E,h19km,7km,mbLg1.7/13,Error ellipse: s-maj=4.4km s-min=3.7km az=106.0, PROFUNDIDAD POBRE

ISC 08 13:19:23.7t.0.3,45.68N:0.02t.2.92E,0.03,h5km,n21,r0131/41,France

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

LOR LOR LOR 1.72 22 e P 13 19 57.5 -0.5

LOR LOR LOR 1.72 22 e P 13 19 57.5 -0.5

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Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like OGRR, NGRR, and various 'MOY' and 'AR' series.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MOY, ORL, DZM, and various 'AR' series.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ILAR, CHZK, ZRNK, YKA, and various 'AR' series.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Scarperia, Zocca, Vicchio, Poggio Sodo, Santa Sofia, etc.

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

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

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

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

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

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

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

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

ISC 08 19:19:01.3:2.0, 7.49S:127.41E, mb4.5/1, mb1 4.6/3, mb1mx4.4/6, ML4.2/2, Error ellipse: s-maj=280.0km s-min=28.7km az=64.0, NEIC 08 19:19:13.0:2.5, 6.61S: 130.13E, h141km, 26km, mb4.4/4, Error ellipse: s-maj=23.7km s-min=17.1km az=69.0

NDI 08 19:57:15.84-9.19, 21.21N-87.30E, h31km, 45km, ML3.6
IDC 08 19:57:31.31-11.0, 21.95N-91.08E, mb3.5/3, mb1 3.7/3,
mb1mx3.4/12, Error ellipse: s-maj=774.0km s-min=29.2km
az=62.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Vishakhapatnam, Bilaspur, Pulchoki, Jiri, etc.

IDC 08 20:05:00.0-2.5, 4.80S-129.65E, mb3.3/1, mb1 3.4/3,
mb1mx3.3/8, ML2.9/2, Error ellipse: s-maj=173.0km
s-min=30.9km az=69.0, Banda Sea

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

NEIC 08 20:35:02.4-0.8, 50.45N-18.89E, h5km, Error ellipse:
s-maj=13.0km s-min=7.4km az=146.0

WAR 08 20:35:03.8, 50.36N-18.87E, ML2.6, Mining Induced
IDC 08 20:35:04.2-0.2, 50.46N-18.69E, mb1 3.9/2,
mb1mx3.3/13, ML2.8/3, Error ellipse: s-maj=40.5km
s-min=11.2km az=131.0

PRU 08 20:35:07.4, 50.31N-18.62E
ISC 08 20:35:01.1-0.6, 50.51N-0.04-18.86E, 0.04, n16, e1536/28,
Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Racibor, Ojcow, Ostrava-Krasne, etc.

IDC 08 20:42:37.0-4.2, 24.99N-123.48E, h99km, 41km, mb3.5/4,
mb1 3.6/5, mb1mx3.4/17, Error ellipse: s-maj=32.1km
s-min=19.2km az=74.0

JMA 08 20:42:38.6-0.7, 24.85N-123.47E, h98km, 2km
ISC 08 20:42:36.7-0.7, 24.87N-107.123.43E, 0.06, h110km, 6km,
n18, e088/30, mb3.7/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Kuro-shima, etc.

WRA Warramunga Arr 45.79 166 P P 20 50 49.3 0.0
ASAR Alice Springs 49.30 167 P P 20 51 17.1 +0.5
YKA Yellowknife Arr 54.54 P P 20 54 42.8 -0.3

IGQ 08 21:19:37.6, 4.03S-80.41W, h112km, 10km, mb5.1, Error
ellipse: s-maj=4.9km s-min=1.1km az=0.5
NEIC 08 21:19:39.5, 0.2, 3.95S-80.17W, mb5.0/39, Error ellipse:
s-maj=7.5km s-min=4.6km az=176.0
NEIC Fell [V] at Chulucanas, Peru. Fell at Guayaquil and Loja,
Ecuador.
HRVD 08 21:19:39.5, 0.7, 3.96S-80.33W, h76km, 6km, MV4.8/35,
Centroid moment Tensor Solution. LP body waves:
s15,c16; Mantle waves: s35,c40; Half duration: 0. Moment
tensor: Scale 10^16Nm; Mr=0.58; 21; Mw2.01; 24;
Mw=1.43; 35; Mw=0.82; 08; Mw=1.07; 18; Mw=0.48; 12;
Best double couple: Mo 2.29x10^16 NP1 phi 329.8; delta 1; lambda 10;
NP2 phi 64; delta 1; lambda 151; Principal axes: T 2.49, Plg14;
Azim194; N-4, Plg59; Azim79; P-2.09, Plg27;
Azim291; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

IDC 08 21:19:39.9-0.7, 3.85S-80.26W, h74km, 4km, mb4.4/14,
mb1 4.5/16, mb1mx4.5/20, h3.74, Ms1 3.7/4,
ms1mx3.5/18, Error ellipse: s-maj=27.0km s-min=16.5km
az=53.0

BUJ 08 21:19:40.5, 4.00S-80.20W, h73km, mb5.2, Ms5.5, Msz4.9
ISC 08 21:19:38.1-0.2, 4.02S-80.03-80.40W, 0.03, h74km,
h74km, 1.1km, pp-P, n184, e093/147, mb4.9/51, 23C-4D,
Peru-Ecuador border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like HCA, IGUA, Iguay, etc.

ROSC 08 21:25:16.9, 3.0nm, 0.3s, baz=162, slow=20, SNR=2.8

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like LPAZ, LAZ, LAZ, etc.

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

CCM 08 21:27:54.9, 17nm, 0.9s, mb4.8

RSSD Daniels Canyon 52.49 330 ePcP P 21 29 53.5 -1.6
DAU 21 28 45.5 +0.7
TPNV Topopah Spring 52.70 334 eP P 21 28 48.1 +0.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like JLU, DUG, PDAR, etc.

Table with columns: MDJ, Mudanjiang, 131.75 331 PKP, PKPdf, 21 38 42.5 -0.5, etc. Includes stations like Mudanjiang, Changchun, Erkin-Say, etc.

NNC 08 21:26:40.0i2.9, 47.59N-84.39E, h8km, 29km, mpv4.1, Error ellipse: s-maj=29.7km s-min=11.6km az=106.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Ust-Kan, Alma-Ata, etc.

Table with columns: KKAR, Karatay Array, 10.68 249 eP, P, 21 29 16.2 -1.2, etc. Includes stations like Karatay Array, ZRNK, ZRNK, etc.

IDC 08 21:44:35.5i1.0, 21.48S-169.62E, mb4.5, mb1.4 6/6, mb1mx4.5/9, ML3.9/1, MS4.6/6, Ms1.4 6/6, ms1mx4.6/6, Error ellipse: s-maj=39.8km s-min=26.4km az=154.0

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

Table with columns: VOY, Vojsko, 148.66 327 ePKP, PKPdf, 22 04 23.8 +4.6, etc. Includes stations like Vojsko, Walderalm, Wattenberg, etc.

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

JMA 08 22:15:01.5i0.2, 24.14N-122.54E, h63km, ML1.7, Error ellipse: s-maj=22.9km s-min=11.6km az=106.0

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

DHMR 08 22:23:32.6i1.0, 11.90N-43.36E, h21km, 9km, ML3.9, 9C-2D, Ethiopia

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

MOS 08 23:05:52.4i1.2, 5.93S-149.22E, h33km, mb5.2/21, MS5.1/12, Error ellipse: s-maj=14.3km s-min=7.8km az=79.1

IDC 08 23:05:54.5i2.6, 5.95S-149.16E, h36km, 19km, mb4.6/13, mb1.4 8/13, mb1mx4.8/14, MS5.1/8, Ms1.5 1/8, ms1mx5.1/9, Error ellipse: s-maj=22.9km s-min=10.7km az=120.0

NEIC 08 23:05:56.6i0.8, 6.00S-149.30E, h59km, 7km, mb5.2/24, MW5.8, Error ellipse: s-maj=8.2km s-min=5.3km az=110.0, Moment Tensor Solution: s13 Moment tensor: Scale 10^17 Nm; Mn=5.82; Mw=4.85; Mw=0.99; Mw=0.92; Mw=0.12; Mw=0.50; Best double couple: Ms5.4x10^17 NP1=96°, delta=0.97°, NP2=267°, delta=850°, lambda=96°. Principal axes: P1g84°, Azm140°; N-1.01, P1g4°, Azm271°; P-4.93, P1g5°, Azm17°.

HRVD 08 23:05:56.6i0.1, 6.34S-149.52E, h48km, MW5.769, Centroid moment Tensor Solution. LP body waves: s69,c144,Manite waves: s65,c124; Half duration: 197 ms; Moment tensor: Scale 10^17Nm; Mn=3.66; Mw=0.66; Mw=0.33; Mw=0.67; Mw=0.05; Mw=0.66; Mw=0.05; Mw=0.04; Mw=0.05; Mw=0.27; Mw=0.06; Best double couple: Ms4.0x10^17 NP1=96°, delta=265°, lambda=96°. NP2=95°, delta=850°, lambda=96°. Principal axes: T.3.74, P1g83°, Azm64°; N.65, P1g5°, Azm271°; P-4.39, P1g5°, Azm181°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 08 23:05:54.7i0.8, 6.00S-149.30E, h40km, 7km, h40km, 21km, pP-P, n105, s116/143, mb5.0/54, MS5.1/44, 7C-10, New Britain region

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

Table listing flight data for WRA, ASAR, MBWA, MAJO, MAT, QZH, MAJG, QIZ, KS15, NJ2, WHN, ASAJ, etc. Columns include flight number, route, time, and status.

Table listing flight data for ASAJ, DL2, TIA, YSS, SNY, NANT, CN2, KMI, BJT, BJI, XAN, SKR, CD2, KLR, HHC, PET, etc. Columns include flight number, route, time, and status.

Table listing flight data for PET, LZH, HIA, HIA, HIA, DRV, FX1, SHL, GTA, CLNS, LSA, YAK, KAK, GKN, MIR, YAK, BOD, KKN, GKN, MIR, YAK, KOLN, DANN, SBA, SBA, TRD, WMQ, WMQ, WMQ, WMQ, BSA, SBA, SBA, SBA, SBA, SBA, ZAL, etc. Columns include flight number, route, time, and status.

Table with columns: ZAL, comp, LR, LR, 23 54 52.2, etc. Includes stations like Zalesovo, Kashi, Novosibirsk, etc.

Table with columns: comp, Villa Florida, 138.78 142, PKP, PKPdf, etc. Includes stations like Villa Florida, Valinhos, Socorro, etc.

Table with columns: ETOS, EMOS, Mosqueruela, 3.99 345, S, P, etc. Includes stations like Mosqueruela, Lake Chabot, etc.

9d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Otavalo, Puerto Ayora, La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Kakadu, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Karatay Array, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Karatay Array, Warramunga Arr, etc.

2004 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Almayashu, Uchtor, Kzaz, etc.

NEIC 09 02:18:29.2, 43.07N:0.45W, h5km, ML2.3 (STR), ML2.2(LDG). After STR. STR 09 02:18:29.2, 0.1, 43.07N:0.45W, h5km, 1km, ML2.3, 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, ISC. Contains station data for Montagne du Re, Les Forges d'A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Kakadu, Warramunga Arr, etc.

MAN 09 02:51:36.0, 11.90N:124.11E, h24km, mb4.4, ML3.2, MS3.0, 2C, Leyte. MPMH Masbate 0.66 314 Op P 02 51 51.0 +0.3

IDC 09 03:02:55.0, 1.1, 2.32N:84.58W, mb4.1/9, mb1 4.4/10, mb1mx4.3/17, ML2.6/1, MS4.0/8, Ms1 4.0/8, ms1mx3.7/16, Error ellipse: s-maj=44.5km s-min=20.0km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Otavalo, Puerto Ayora, Buena Vista, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Karatay Array, Warramunga Arr, etc.

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Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Villa Florida, Tucson, Great Sand Dun, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Wupatki, Paradox Valley, Paradox Valley, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Yellowknife Arr, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Kakadu, Warramunga Arr, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Mont Dzumac, Port Vila, etc.

BJU 09 04:39:14.3, 47.41N:154.36E, h29km, mb5.2, mb4.8, Ms5.1, Msz2.0 IDC 09 04:39:15.4, 0.2, 46.76N:0.04E, h54.38E, 0.4, h37km, h37km, 1.5km, pp-P, n255, r138/273, mb4.8/88, MS4.8/41, 3C-9D, East of Kuril Islands

Severo-Kuril's 4.09 16 Op P 04 10 11.7 -5.5 comp=E, 1.50nm, 0.7s pmax pmax comp=Z, 260nm, 0.7s pmax pmax comp=N, 270nm, 1.0s pmax pmax

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Severo-Kuril's, Kuril's, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Contains station data for Karatay Array, Warramunga Arr, etc.



Table with columns for location codes (e.g., YUK, PET, ASAJ), names, and numerical data. Includes sub-sections like 'CLNS' and 'CLNS'.

Table with columns for location codes (e.g., CLNS, YAK, BIL), names, and numerical data. Includes sub-sections like 'CLNS' and 'CLNS'.

Table with columns for location codes (e.g., GYA, NVS, DLBC), names, and numerical data. Includes sub-sections like 'CLNS' and 'CLNS'.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KEVO, ARCES, AREO, JOSI, HRY, KKR, LCCM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ANMO, Albuquerque, KIV, KISlovodsk, LPM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FLN, La Foliniere, FLN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Valandovo, Monte Soro, Salina, Kristallenia, Serrai, Valguarnera, etc.

NEIC 09 04:56:59.5, 41.12N-20.70E, h10km, MD2.7(PDG), After PDG.

PDG 09 04:56:59.5, 0.2, 41.12N-20.70E, h10km, 1km TIR 09 04:57:03.2, 41.45N-20.36E, h4km, M12.3

ISC 09 04:56:57.2, 1.4, 41.00N-08.20E, h10km, n15, c14/30, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ohrid, Tirane, Qafa e Shtames, etc.

ISC 09 05:12:34.9, 54.38, 00N-70.83E, mb3.7/4, mb1 3.8/6, mb1mx3.6/15, ML3.2/2, Error ellipse: s-maj=104.0km, s-min=49.3km az=168.0

NNC 09 05:12:45.8, 1.7, 39.08N-70.39E, h33km, mpv3.5, Error ellipse: s-maj=18.6km s-min=9.3km az=75.0

ISC 09 05:12:59.8, 1.4, 40.0N-0.3, 70.9E, 0.2, h126km, 25km, n17, c059/18, mb3.5/4, 3C-2D, Tajikistan

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

DJA 09 05:14:51.2, 0.9, 8.90S-113.56E, h143km, 12km, ML4.3/3, 1C-4D, Error ellipse: s-maj=45.7km s-min=19.1km az=19.0, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kelakatan, Kelgi, Ingi, Rati, Kedi, etc.

KISR 09 06:03:45.3, 1.0, 31.95N-49.76E, h37km, 99gkm, mb4.5(NEIC)

SNSN 09 06:03:47.0, 31.0, 66N-49.11E NEIC 09 06:03:53.0, 4.4, 32.24N-49.49E, h60km, 39gkm, mb4.5/4, Error ellipse: s-maj=33.0km s-min=10.9km az=169.0

ISC 09 06:03:52.9, 8.1, 31.89N-49.56E, h76km, 68gkm, mb3.6/12, mb1 3.8/12, mb1mx3.7/17, Error ellipse: s-maj=64.0km, s-min=19.8km az=173.0

ISC 09 06:03:46.8, 1.6, 31.95N-0.09, 49.6E, 0.1, h34km, n33, c0980/39, mb4.1/18, 2C-2D, Western Iran

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

DJA 09 06:49:45.6, 0.8, 9.67S, 124.83E, h36km, 7km, MD5.0/4, Error ellipse: s-maj=18.1km s-min=9.3km az=126.0

ISC 09 06:49:46.7, 1.2, 8.67S, 124.78E, mb4.3/1, mb1 5.1/3, mb1mx4.6/7, ML4.8/2, MS3.5/1, Ms1 3.5/1, ms1mx3.1/8, Error ellipse: s-maj=140.0km s-min=27.9km az=60.0

NEIC 09 06:49:56.3, 0.9, 9.23S, 124.52E, h95km, mb4.1/4, Error ellipse: s-maj=19.2km s-min=11.1km az=54.0

ISC 09 06:49:54.4, 0.9, 9.30S-0.0, 124.39E, 0.05, h95km, n25, c109/34, mb4.1/6, 5C-1D, Timor region

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

ISC 09 07:00:08.9, 0.6, 7.14N-150.15E, h10km, 1km TIR 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

ISC 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

ISC 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

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

IDC 09 06:24:53.1, 1.9, 8.98S, 123.75E, mb3.4/1, mb1 4.1/3, mb1mx4.0/7, ML4.1/2, Error ellipse: s-maj=215.0km s-min=31.0km az=56.0

NEIC 09 06:25:03.4, 1.0, 9.05S, 124.10E, h95km, Error ellipse: s-maj=32.2km s-min=13.4km az=56.0

ISC 09 06:25:08.0, 2.1, 9.41S, 0.10, 124.2E, 0.1, h172km, 23km, n8, c0882/13, mb3.2/1, Timor region

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

DJA 09 06:49:45.6, 0.8, 9.67S, 124.83E, h36km, 7km, MD5.0/4, Error ellipse: s-maj=18.1km s-min=9.3km az=126.0

ISC 09 06:49:46.7, 1.2, 8.67S, 124.78E, mb4.3/1, mb1 5.1/3, mb1mx4.6/7, ML4.8/2, MS3.5/1, Ms1 3.5/1, ms1mx3.1/8, Error ellipse: s-maj=140.0km s-min=27.9km az=60.0

NEIC 09 06:49:56.3, 0.9, 9.23S, 124.52E, h95km, mb4.1/4, Error ellipse: s-maj=19.2km s-min=11.1km az=54.0

ISC 09 06:49:54.4, 0.9, 9.30S-0.0, 124.39E, 0.05, h95km, n25, c109/34, mb4.1/6, 5C-1D, Timor region

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

ISC 09 07:00:08.9, 0.6, 7.14N-150.15E, h10km, 1km TIR 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

ISC 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

ISC 09 07:00:13.2, 41.45N-20.36E, h4km, M12.3

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

GUC 09 08:00:08.9, 0.9, 32.12S-71.35W, h69km, 4km, MD3.5, ML3.6, 18C-3D, Near coast of central Chile

9d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jahuel, El Roble, Instituto Hidir, Combarbala, Las Cruces, Pudahuai, Colegio Aleman, Rinconada Maip, Cerro Calan, Farellones, Ovalle, Antumapu, Talagante, Pirque, Longovilo, Chadas Angostu, Las Melosas, Tololo Astrono, Cipreses, San Fernando, Talca.

IDC 09 08:00:11.6+.0.47.48.33N:142.62E, mb3.8/10, mb1 4.1/11, mb1mx4.0/17, ML3.6/1, Error ellipse: s-maj=25.6km, s-min=17.0km az=104.0

MOS 09 08:00:11.4+.1.2.48.37N:142.77E, h10km, mb4.0/6, Error ellipse: s-maj=24.9km, s-min=10.6km az=96.3

MOS Felt (III) at Vostochii. SKHL 09 08:00:12.2+.0.4.48.27N:142.47E, h13km, mb4.4/5, Ms3.1/1

SKHL Felt III MSK-84 at Vostochii. NEIC 09 08:00:15.4+.4.3.48.27N:142.77E, h25km, mb3.2km, Error ellipse: s-maj=14.0km, s-min=11.9km az=72.0

NEIC Felt (III) at Vostochii. ISC 09 08:00:11.7+.0.6.48.28N:102.142.55E:0.06, h12km, mb4.3, n39, s1508/61, mb3.8/10, 4C-3D, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ulgorsk, Warramunga Arr, Alice Springs, Makanchi Array, Fire Island, Palmer, Sawmill, McKimley, Divide, Trims Highway, Cordova Ski Ar, College, Eielson Array, Kodjak Island, Dawson, TNA, Inuvik, Dease Lake, Yellowknife Ar, Mina Array, Schochefferville, Asahikawa, Gornyy, Asahikawa, Tymoyskoe, Asahikawa, Gornyy, Haqi, HAQS, JMOS, AlW5, TAYS, Eilat, AQBJ, BDAS, MBH, MDRJ, JMGS, HITJ, PRNI, TBKS.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Okha, Kul'dur, Ekimchan, Yasnyy, Bomnak, Zeya, Kirovskiy, Hailar, Zakamensk, College, Makanchi Array, Eielson Array, Yellowknife Ar, FINESS Array B, FINESS Array B, NORARS Array B, Warramunga Arr, PDAR, Lac du Bonnet, Alice Springs, Lajlatan Array, Kakadu, Warramunga Arr, WRA, ASAR, TXAR, Fire Island, Palmer, Sawmill, McKimley, Divide, Trims Highway, Cordova Ski Ar, College, Eielson Array, Kodjak Island, Dawson, TNA, Inuvik, Dease Lake, Yellowknife Ar, Mina Array, Schochefferville, Asahikawa, Gornyy, Asahikawa, Tymoyskoe, Asahikawa, Gornyy, Haqi, HAQS, JMOS, AlW5, TAYS, Eilat, AQBJ, BDAS, MBH, MDRJ, JMGS, HITJ, PRNI, TBKS.

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

HEL 09 09:59:52.4+.0.3.64.74N:30.90E, ML2.1, ML2.0(NAO), Explosion

IDC 09 09:59:52.9+.2.4.64.81N:31.09E, mb1 3.2/4, mb1mx3.7/16, ML2.8/4, Error ellipse: s-maj=36.2km, s-min=8.9km az=96.0

NAO 09 09:59:54.4+.1.5.64.74N:30.31E, ML2.0, BER 09 09:59:56.9+.3.6.64.73N:30.30E, ML2.0(NAO), Suspected explosion

ISC 09 09:59:50.8+.0.6.64.78N:0.03.30.9E:0.1, n19, s1904/32, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maselka, Kajaani, Joensuu, Oulu, Sumiainen, Apatity Array, Sodankyl, Keuruu, FIAO, FINESS Array S, ARCES ARCESS Array B, ARCES ARCESS Array A, ARCES ARCESS Array B, HFS Hagfors, HFS Hagfors, NOA NORARS Array B, NOA, JMA 09 10:15:15.4+.0.6.31.43N:140.05E, h239km, M3.6, Southeast of Honshu

JMA 09 10:15:15.4+.0.6.31.43N:140.05E, h239km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Boso 1, Boso 3, Boso 4, Odawara 2, JYO2, JRY, JYT, JAT, JYT, Ashikaga, Hitachi, JMM, Marumori.

IDC 09 10:30:26.0+.6.3.21.95S:169.59E, mb3.6/2, mb1 3.9/2, mb1mx3.8/7, Error ellipse: s-maj=277.0km, s-min=56.0km, az=154.0

ISC 09 10:30:27.5+.2.2.22.1S:0.1.169.8E:0.2, h33km, n5, s129/6, mb3.7/2, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, Port Vila, ASAR, WRA, GERES, JMOS, AlW5, TAYS, Eilat, AQBJ, BDAS, MBH, MDRJ, JMGS, HITJ, PRNI, TBKS.

TAP 09 10:41:13.1.23.90N:122.33E, h10km, mb3.2(LDG), ML3.0 (STR), ML2.9(MRB), MN2.9(MDD), After STR, STR 09 10:46:27.8+.0.1.43.06N:0.08W, h10km, mb3.1, Error ellipse: s-maj=0.0km, s-min=0.0km az=1.0

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

NEIC 09 10:46:27.8+.0.1.43.06N:0.08W, h10km, ML3.2(LDG), ML3.0 (STR), ML2.9(MRB), MN2.9(MDD), After STR, STR 09 10:46:27.8+.0.1.43.06N:0.08W, h10km, mb3.1, Error ellipse: s-maj=0.0km, s-min=0.0km az=1.0, LDG 09 10:46:28.4+.0.1.43.09N:0.11W, h2km, M3.3/2, M3.2/15,

Error ellipse: s-maj=1.1km s-min=0.8km az=129.0
MDD 09 10:46:28.7,0.2,43.06N,0.08W,h9km,2km,mblg2,7/28
Error ellipse: s-maj=2.2km s-min=1.3km az=8.0,PRXIMO

ISC 09 10:46:26.2,0.2,43.17N,0.01,0.05W,0.01,h9km,2km,n93,
r134/172,1C,Pyrenees

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like LABF Labassere, REYF Montagne du Re, etc.

LASF LASF LASF
12nm,0.2s
Saint Martin d 3.43 359 ePn Pn Pn

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like TCF Toul Ste Croi, EARI Annondas, etc.

NNC 09 11:07:44.5,2.6,49.76N,88.15E,h9km,5km,mpv4,1
Error ellipse: s-maj=19.2km s-min=13.3km az=92.0
MOS 09 11:07:44.5,3.0,49.72N,88.00E,h10km,mb4,0/1,Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like AKAR Akatsh, ARTR Artybash, etc.

comp=Z,21nm,0.6s
CHKZ Chkalovo 11.33 296 Pn P 11 10 26.9 -4.3

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like CHKZ, BRVK, ZRNK, etc.

HEL 09 11:16:49.1,0.3,61.27N,34.43E,ML2.1,ML2.2(NAO),
Explosion
NAO 09 11:16:54.0,4.9,61.93N,33.84E,ML2.2

ISC 09 11:16:53.3,1.4,61.44N,0.07,33.6E,0.1,n13,r134/28,
Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like JOF Joensuu, KAF Kangasniemi, etc.

ISC 09 11:33:59.3,0.8,17.39N,46.53W,mb4.3/16,mb1.4,5/16,
mb1mx4,3/22,MS4.1/14,MS1.4,1/14,ms1mx4,1/17,Error

NEIC 09 11:34:00.1,0.5,17.29N,46.09W,h10km,mb4.7/16,Error
ellipse: s-maj=15.7km s-min=8.5km az=166.0

ISC 09 11:33:58.4,0.5,17.34N,0.10,46.11W,0.06,h10km,n61,
r125/55,mb4.5/30,MS4.2/14,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists stations like MGP Maquayo, ROSC El Rosal, etc.

9d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Daniela Canyon, Wapatki, Hagfors, etc.

IDC 09 11:35:55.7, 7.0, 64.5, 43.21W, mb4.1/2, mb1 4.3/2, mb1mx4.0/7, Error ellipse: s-maj=122.0km

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

GUC 09 11:41:39.2, 0.7, 25.70S, 70.64W, h47km, 9km, ML4.0, 1C, Near coast of northern Chile

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

GUC 09 11:50:41.5, 0.6, 25.69S, 70.72W, h47km, 8km, ML4.4

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

NEIC 09 11:50:52.5, 7.2, 25.75S, 71.06W, h116km, 56km, mb3.3/3, mb1 3.6/5, mb1mx3.5/11, Error ellipse: s-maj=75.6km

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

BER 09 11:54:40.6, 1.1, 60.12N, 11.56E, ML2.0(NAO), Suspected explosion

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

IDC 09 12:04:55.5, 8.2, 21.25S, 169.20E, mb3.9/2, mb1 4.1/2, mb1mx4.0/7, MS3.6/3, Ms1 3.6/3, ms1mx3.4/10, Error ellipse: s-maj=249.0km

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

2004 JAN

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

NAO 09 12:19:09.6, 3.2, 61.09N, 29.21E, ML2.0

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

Code Station Name Az Az' Phase ID Time Res

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

WEL 09 12:23:38.2, 0.2, 41.37S, 173.03E, h111km, 2km, ML3.6/6, SC-2D, Error ellipse: s-maj=1.6km

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

NEIC 09 13:12:44.2, 16.93N, 98.01W, h0km, MD3.5(MEX), After MEX.

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

IDC 09 13:18:30.1, 3.9, 24.9N, 0.3, 122.6E, 0.2, h121km, n4, <0.50/6, Taiwan region

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

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

IDC 09 13:04:54.4, 0.7, 37.28N, 138.49E, mb3.7/11, mb1 4.1/2, mb1mx4.0/19, ML3.8/1, Error ellipse: s-maj=26.4km

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

Code Station Name Az Az' Phase ID Time Res

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

NEIC 09 13:04:57.8, 1.8, 37.26N, 138.44E, h22km, 14km, mb4.3/1

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

NEIC 09 13:12:44.2, 16.93N, 98.01W, h0km, MD3.5(MEX), After MEX.

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

IDC 09 13:18:30.1, 3.9, 24.9N, 0.3, 122.6E, 0.2, h121km, n4, <0.50/6, Taiwan region

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

Table with columns: TOZ, Tahuroa Road, 3.92 240, P, Pn, 13 21 53.0 +4.3, etc. Includes stations like MKAZ, MTAZ, OTAZ, etc.

SVSA 09 13:32:23.0-0.9, 38.63N-29.14W, h5km, 5km, MD3.5, ML2.7, Error ellipse: s-maj=13.3km s-min=7.4km az=23.0, Azores Islands

Table with columns: CALA, Caldeira, 0.35 98, Op, ISC, 13 32 29.9 -0.6, etc. Includes stations like CALA, HOR, PICO, etc.

Table with columns: EADA, 1.3nm, 0.1s, SNR=7.9, Lg, 13 33 49.5, etc. Includes stations like ADAMUZ, WARRAMUNGA ARR, etc.

ISK 09 15:07:00.9, 40.66N-32.96E, h10km, MD3.7, IDC 09 15:07:01.6, 2.8, 40.67N-33.43E, mb3.6/4, mb1 3.8/6, mb1mx3.6/17, ML3.4/2, Error ellipse: s-maj=51.2km s-min=35.3km az=116.0

Table with columns: ELDT, Eldivan, 0.39 114, Op, ISC, 15 07 09.9 -0.8, etc. Includes stations like ELDT, CANKIRI, etc.

Table with columns: YKA, Yellowknife Arr, 73.94 345, P, P, 15 18 37.4 -1.0, etc. Includes stations like WRA, ASAR, etc.

IDC 09 15:56:08.5, 35.359S-72.41W, h2km, ML3.4(GUC), After GUC, GUC 09 15:56:08.5, 35.359S-72.41W, h2km, 5km, MD3.6, ML3.4-0.2, Near coast of central Chile

Table with columns: KAKA, Kakadu, 7.20 156, Op, ISC, 15 58 39.9 +2.0, etc. Includes stations like KAKA, FITZ, etc.















Table with columns for station codes (SNZO, RPZ, RPZ, JUN, etc.), names, coordinates, and numerical values. Includes stations like Rata Peaks, Nakatsue, Quanzhou, Matsushiro, etc.

Table with columns for station codes (MDJ, MDJ, MDJ, etc.), names, coordinates, and numerical values. Includes stations like Mudanjiang, Changchun, Kunming, Beijing, etc.

Table with columns for station codes (POHA, PPT, PPT, etc.), names, coordinates, and numerical values. Includes stations like Pohakuloa, Papeete, Papeete, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Urumqi, Bilbino, Pithoragarh, Dharwar, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Elielson Array, Karatay Array, Sitka, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like NORSAR Array S, Loblatse, Lusaka, Kongsberg, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVOS, CBN, DWPF, etc.

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



ISC 09 23:16:58.4:1.7, 6.5S, 0.3:155.9E:0.4, h33km, n8, 0:0979/7, mb4.0/7, MS4.6/1, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JHU Hachiojima 2, etc.

IDC 09 23:25:26.3:0.7, 10.06S, 150.18E, mb4.7/11, mb1 4.8/12, mb1mx4.8/13, ML4.5/1, MS4.6/1, Ms1 4.6/1, ms1mx3.8/18, Error ellipse: s-maj=27.6km s-min=18.8km az=75.0

MOS 09 23:25:29.8:1.2, 10.09S, 150.07E, h33km, mb4.9/13, Error ellipse: s-maj=12.8km s-min=8.8km az=81.9

NEIC 09 23:25:33.4:1.3, 10.11S, 150.07E, h52km, 11km, mb4.9/12, Error ellipse: s-maj=11.4km s-min=6.9km az=75.0

ISC 09 23:25:30.2:1.5, 10.10S, 0.05:150.15E:0.07, h37km, 12km, h25km, 2.4km, P-P, 1.08, 0:104/97, mb4.9/35, MS4.7/3, 8C-1D, Eastern New Guinea region

Main table for the first section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WAU Wau, CTA Charters Tower, etc.

Main table for the second section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHL Shilling, GTA Gaotai, SBA Scott Base, etc.

Table for the third section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Yellowknife Arr, YKA Yellowknife Arr, etc.

IDC 09 23:34:21.3:3.4, 0.40N, 124.13E, h118km, 29km, mb4.0/9, mb1 4.1/9, mb1mx4.1/11, Error ellipse: s-maj=57.6km s-min=15.0km az=65.0

NEIC 09 23:34:24.5:2.6, 0.37N, 124.14E, h148km, 26km, mb4.5/2, Error ellipse: s-maj=50.9km s-min=9.9km az=58.0

DJA 09 23:34:25.1:1.0, 0.24S, 123.75E, h33km, MD5.0/3, ML5.0/2, Error ellipse: s-maj=64.4km s-min=20.4km az=139.0

ISC 09 23:34:24.0:2.5, 0.0N, 0.1:123.4E:0.1, h163km, 25km, n25, 0:126/26, mb4.1/14, 4C-1D, Minahasa Peninsula, Sulawesi

Main table for the fourth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUNI Buntu Taipa, TANI Nanicongan, etc.

NIED 09 23:38:00, 37.20N, 142.20E, h26km, Mw4.4 Best double couple: M4:47x1015 NP1:9332, 885, 1.79. NP2:217, 812, 1.155

IDC 09 23:38:30.9:0.9, 37.16N, 142.50E, mb3.8/10, mb1 4.0/13, mb1mx3.9/19, ML3.4/2, Error ellipse: s-maj=28.2km s-min=17.7km az=99.0

JMA 09 23:38:35.0:0.2, 37.22N, 142.18E, h32km, M4.6 BJI 09 23:38:36.5, 37.10N, 142.20E, h50km, mb4.6 NEIC 09 23:38:38.0:2.1, 37.11N, 142.23E, h51km, 18km, Error ellipse: s-maj=20.0km s-min=13.6km az=96.0

Main table for the fifth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, etc.

GERES GERES Array B 82.94 329 P P 23 50 57.7 -0.5

comp=Z,0.4nm,0.6s,mb3.6,baz=23,slow=7.5,SNR=2.1

BUI 09 23:46:07.4, 0.33x125.21E, h72km, mb5.2, mb5.1, Ms4.9, Ms2.7
MOS 09 23:46:07.9, 1.1, 0.10x124.79E, h51km, mb5.0/22, Ms4.8/4, Error ellipse: s-maj=17.0km s-min=7.4km az=111.9
IDC 09 23:46:09.3, 2.9, 0.04x124.86E, h45km, 25km, mb4.5/12, mb1.4/5/12, mb1mx4.5/13, Error ellipse: s-maj=29.6km s-min=12.2km az=72.0
NEIC 09 23:46:12.3, 1.7, 0.04x124.91E, h72km, 16km, mb4.7/15, Error ellipse: s-maj=13.5km s-min=6.5km az=68.0
ISC 09 23:46:08.1, 2.0, 0.03x104.125.01E, 0.07, h54km, 11km, n134, s1516/123, mb4.9/53, MS4/8/3, SNR=90, Southern Molucca Sea

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

Main table listing stations and their parameters. Columns include ULN, Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ZAK, WMQ, MOY, etc.

FINES FINES Array B 94.31 332 P P 23 59 22.0 -1.3

YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2
YKA Yellowknife Arr 103.61 24 Pdif Pdif 00 00 06.5 +1.2

IDC 09 23:59:34.1, 1.4, 5.92x126.23E, mb4.1/6, mb1.4/3/6, mb1mx4.1/12, Error ellipse: s-maj=144.0km s-min=20.5km az=68.0
ISC 09 23:59:43.8, 2.5, 5.8x104.126.30E, 0.6, h95km, 53km, n7, s087/8, mb3.9/6, 1D, Mindanao

NEIC 10 01:13:56.7, 40.07x175.61E, h40km, ML3.8(WEL), After WEL

WEL 10 01:13:56.6, 0.1, 40.08x175.62E, h38km, 5km, ML3.8/8, 2D, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0, North Island

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

HEL 10 00:18:02.6, 0.2, 67.86x20.32E, ML1.9, ML1.8(BER), Explosion
BER 10 00:18:02.8, 1.8, 67.83x20.19E, ML1.8, Suspected explosion
ISC 10 00:17:57.1, 1.1, 67.72x20.06, 20.25E, 0.09, n10, s1558/15,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kilpisjärvi, Kautokeino, Tromsø, Sodankylä, Lofoten, etc.

IDC 10 00:33:58.5 ± 1.7, 74.78Sx173.98W, mb4.3/7, mb1 4.7/7, mb1mx4.7/8, MS4.3/1, Ms1 4.3/1, ms1mx3.7/10, Error ellipse: s-maj=103.0km s-min=22.2km az=151.0

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

IDC 10 00:44:10.7 ± 1.1, 6.24Sx173.67W, h150km, 17km, Error ellipse: s-maj=33.3km s-min=11.0km az=68.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Paranal, Antofagasta, Copiapo, La Paz, etc.

NIED 10 00:56:00.37 ± 20N, 142.30E, h23km, Mw4.0 Best double couple: M9.50x1014 NP1.9x172°, δ73°, λ-82°. NP2: φs324°, δ19°, λ-116°.

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

IDC 10 00:56:06.3 ± 0.8, 37.16N, 142.26E, mb3.7/10, mb1 3.9/12, mb1mx3.9/18, ML3.6/2, Error ellipse: s-maj=27.0km s-min=17.1km az=103.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Zalesovo, Makanchi Array, ILAR, etc.

IDC 10 00:56:42.1 ± 10.0, 0.78N, 124.40E, h148km, 9gkm, mb3.4/3, mb1 3.6/3, mb1mx3.4/9, Error ellipse: s-maj=202.0km s-min=22.3km az=62.0

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

BUI 10 01:20:55.9 ± 35.48N, 135.74E, h398km, mb4.7, mb4.6 MOS 10 01:20:55.3 ± 1.1, 35.28N, 135.36E, h366km, mb4.2/11, Error ellipse: s-maj=14.4km s-min=8.1km az=106.7

NEIC 10 01:20:57.3 ± 0.5, 32N, 135.42E, h368km, km, mb4.2/18, Error ellipse: s-maj=7.4km s-min=6.7km az=122.0

IDC 10 01:20:57.1 ± 2.3, 35.31N, 135.38E, h371km, 12km, mb3.6/13, mb1 3.9/17, mb1mx3.8/21, Error ellipse: s-maj=13.6km s-min=11.0km az=87.0

JMA 10 01:20:57.6 ± 0.1, 35.36N, 135.46E, h365km, 1km, M4.8 ISC 10 01:20:56.6 ± 0.2, 35.41N, 104.135E, 0.05, h371km, 2km, n99, r105/110, mb4.0/36, 6C-2D, Western Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Wachi, Yasaka, Miyama, Ise, Aioi, Saigo, etc.

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



Table with columns for station code, name, coordinates, and various parameters. Includes stations like Rata Peaks, Otahua Downs, Yuzh-Sakhalins, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like SYO Syowa Base, GSPA South Pole Qui, ARU Arti, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like SQTA 149nm,0.2s, SQTA Sankt Quirin, OGA Obergurgl, etc.

NEIC 10 02:51:58.6, 47. 10N, 10. 70E, h11km, ML2.3(SZGRF), ML2.7(VIE), ML2.7(FUR), ML2.7(LDG), ML2.6(LEDWB), ML2.6(STR), After ZUR.
NEIC Felt (V) at Fleiss.
ZUR 10 02:51:58.6, 47. 11N, 10. 69E, h11km, ML2,2.8
BGR 10 02:51:59.6, 0.3, 47. 17N, 10. 67E, h10km, ML2,6/6, Error ellipse: s-maj=4.4km s-min=1.1km az=177.0
LDG 10 02:52:02.4, 0.2, 47. 18N, 10. 55E, h10km, M2,7/13, Error ellipse: s-maj=3.1km s-min=2.0km az=71.0
STR 10 02:52:07.1, 0.5, 47. 17N, 10. 57E, h10km, ML2,6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
ISC 10 02:51:58.0, 0.2, 47. 18N, 10. 01N, 10. 67E, 0.01, h11km, n89, s129/167, 12C-6D, Austria



IDC 10 04:35:40.8, 4.0, 7.31S, 155.74E, mb4.0/4, mb1 4.2/4, mb1mx4.0/9, Error ellipse: s-maj=124.0km s-min=31.8km az=115.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZAL Zalesovo.

IDC 10 04:37:52.4, 2.4, 6.93S, 155.17E, h23km, 5km, mb3.8/4, mb1 3.9/4, mb1mx3.8/9, Error ellipse: s-maj=72.2km s-min=22.1km az=118.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZAL Zalesovo.

DJA 10 04:49:15.2, 0.8, 0.35S, 127.00E, h33km, mb4.9/2, Error ellipse: s-maj=40.4km s-min=18.4km az=157.0

MOS 10 04:49:21.0, 2.0, 1.01S, 126.82E, h44km, mb4.9/22, Error ellipse: s-maj=12.1km s-min=8.7km az=106.9

IDC 10 04:49:22.4, 3.8, 1.19S, 126.99E, h47km, 35km, mb4.5/11, mb1 4.5/12, mb1mx4.4/14, ML4.4/5.1, Error ellipse: s-maj=37.7km s-min=11.0km az=74.0

NEIC 10 04:49:23.1, 1.7, 1.12S, 126.88E, h48km, 17km, mb4.7/19, Error ellipse: s-maj=14.6km s-min=7.7km az=56.0

ISC 10 04:49:22.1, 1.2, 1.06S, 126.82E, 0.05, h51km, 11km, n103, s111/115, mb4.8/48, MS4.1/7, 11C-8D, Southern Molucca Sea

Main table for the left column containing station data for Bougainville, Solomon Islands, and Southern Molucca Sea regions.

Main table for the middle column containing station data for various regions including Bougainville, Solomon Islands, and Southern Molucca Sea.

Main table for the right column containing station data for various regions including Bougainville, Solomon Islands, and Southern Molucca Sea.

IDC 10 05:03:07.0, 9.29, 0.05S, 71.43W, h36km, 5km, mb3.6/3, mb1 3.9/5, mb1mx3.8/10, ML3.7/2, MS3.5/3, Ms1 3.5/3, ms1mx3.4/12, Error ellipse: s-maj=42.1km s-min=30.1km az=54.0

GUC 10 05:03:04.0, 0.9, 28.88S, 71.38W, h35km, 4km, ML4.8, NEIC 10 05:03:04.0, 28.88S, 71.38W, h35km, mb4.5/3, ML4.8(GUC), After GUC.

ISC 10 05:03:02.9, 0.5, 28.84S, 0.03, 71.50W, 0.07, h38km, h38km, 8km, pP, n34, s111/138, mb4.1/6, MS4.4/1, 3C-5D, Near coast of central Chile

Main table for the right column containing station data for various regions including Bougainville, Solomon Islands, and Southern Molucca Sea.





Table of flight arrivals from various international and domestic routes, including airlines like CNB, CTA, and destinations like Canberra, Charters Tower, etc.

Table of flight arrivals from various international and domestic routes, including airlines like BEKR, BEKR, and destinations like Bechworth, Washoe City, etc.

Table of flight arrivals from various international and domestic routes, including airlines like DAWY, LKWT, and destinations like Dawson, Lake, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like NORSTAR Subarray 136.91 354, NORSTAR Array B 136.91 354, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like MDU Mudurnu 146.86 318, HENT Hendek 146.86 319, MOX Moxa 146.97 349, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like DIVS Divcibare 150.39 334, HAVF Hinterfaller 150.40 350, DAVAM Damuels 150.51 350, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes entries like WRA Warramunga Arr 17.28 16Z, ASAR Alce Springs 20.75 16P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like CAUP, HATJ, JKRS, YOJ, BCPH, etc.

CASC 1007:19:19.6,1.2, 12.98N,88.95W, h41km, 32km, MD3.6, ML3.5, 3C-15D, Off coast of central America

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like SNVI, LFRS, LCBT, etc.

MS5.1/7, Error ellipse: s-maj=17.8km s-min=7.4km az=109.0
GUC 10 07:25:43.0,0.9, 30.93S:71.84W, h48km, ML6.0
IDC 10 07:25:43.0,0.8, 31.04S:71.45W, h55km, mb5.28,

NEIC 10 07:25:44.1,0.1, 30.88S:71.66W, mb5.6/59, MW5.7, Error ellipse: s-maj=5.8km s-min=2.2km az=72.0, Moment Tensor Solution. s17 Moment tensor: Scale 10^17Nm;

ISC 10 07:25:42.6,0.1, 30.84S,0.02,71.71W,0.04, h53km, h53km,1.4km, pP-P, n358, 0.086/248, mb5.6/82, MS5.1/67, 23C-24D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like OVCH, CMCH, ILCH, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MOIG, NVL, NVL, NVL, NVL, NVL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KIC Kosan Boka, DBIC Dimbokro, CBKS Cedar Bluff, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MOD Modoc, WDC Whiskeytown Da, WDC Whiskeytown Da, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ASAR Alice Springs, ASPA Alice Springs, ARCES ARCES Array B, etc.



10d 11h

BUJ 10:17:40.1, 39.10N-71.10E, h50km, mb3.7, ML4.5
NEIC 10:17:43.0, 2.7, 39.12N-71.07E, h50km, mb3.9, Error
ellipse: s-maj=16.3km s-min=12.3km az=202.0

ISC 10:10:17.42.1-0.8, 39.05N-0.04, 70.94E, 0.08, h59km, 8km,
n67, c15/68, mb3.9/17, MS3.4/1, 5C-3D, Tajikistan

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

2004 JAN

Table with columns: WRA, WRA, ASAR, CPUP, CPUP. Lists seismic stations and their recorded events.

PRU 10:45:22.7, 51.44N, 16.13E
WAR 10:45:23.0, 51.46N-16.07E, ML2.6, Mining Induced
ISC 10:45:21.5, 6.1, 6.51, 43N-0.06, 16.03E, 0.07, n9, c08/88/14, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

ISC 10:10:49:01.2, 3.0, 8.87S, 112.94E, mb3.5/3, mb1 3.6/3,
mb1mx3.6/7, MS3.8/1, Ms1 3.8/1, ms1mx3.1/9, Error
ellipse: s-maj=17.0km s-min=24.9km az=47.0

DJA 10:10:49:05.6, 0.9, 9.69S, 112.38E, h160km, MD4.6/4,
ML4.6/4, Error ellipse: s-maj=38.3km s-min=19.6km
az=163.0

ISC 10:10:49:10.6, 3.0, 9.35S, 0.2, 112.5E, 0.2, h109km, 27km, n8,
c19/141, mb3.4/3, 3C-5D, South of Java

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

ISC 10:10:55:04.2, 2.2, 6.36S, 177.72E, mb4.1/2, mb1 4.3/3,
mb1mx4.1/8, ML3.6/1, Error ellipse: s-maj=55.8km
s-min=23.9km az=97.0

WEL 10:10:55:05.6, 0.4, 36.20S, 177.51E, h12km, ML4.5/16, Error
ellipse: s-maj=6.0km s-min=2.9km az=90.0

NEIC 10:10:55:06.4, 36.24S, 177.47E, h12km, ML4.5(WEL), After
WEL

ISC 10:10:55:07.1, 2.1, 36.47S, 0.06, 177.2E, 0.1, h12km, n34,
c111/37, mb3.9/2, 1D, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

NAO 10:11:03:53.8, 3.0, 67.65N, 33.93E, ML2.0
HEL 10:11:03:55.4, 0.4, 67.68N, 33.82E, ML2.1, ML2.0(NAO),
Explosion

ISC 10:11:03:54.5, 1.9, 67.71N, 0.05, 33.7E, 0.3, n13, c08/85/20,
Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

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Table with columns: ARAO, ARCESS Array S, ARAO, ARAO, ARAO, OULU, KIF, KAF, FIAO, FIAO, FIAO, FIAO. Lists seismic stations and their recorded events.

ISC 10:11:04:35.7, 1.4, 4.11N, 128.84E, mb3.7/4, mb1 3.9/4,
mb1mx3.8/10, Error ellipse: s-maj=90.4km
s-min=25.0km az=72.0, North of Halmahera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

ISC 10:11:08:57.0, 6.8, 7.34S, 128.93E, h119km, 39km, mb3.4/2,
mb1 3.6/4, mb1mx3.5/7, Error ellipse: s-maj=438.0km
s-min=28.3km az=67.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

BUJ 10:11:38:19.6, 3.72S, 130.43E, h10km, mb5.0, mb4.7, Ms4.6,
Ms24.5

MOS 10:11:38:27.0, 1.0, 2.99S, 129.70E, h10km, mb5.1/2, Error
ellipse: s-maj=18.4km s-min=8.3km az=111.8

NEIC 10:11:38:28.8, 4.6, 3.06S, 129.67E, h10km, 28km, mb4.9/19,
Error ellipse: s-maj=11.5km s-min=7.6km az=68.0

HRVD 10:11:38:28.8, 0.5, 3.01S, 129.71E, h18km, 2km, MW5.2/25,
Centroidal moment Tensor Solution, LP body waves:
s17.19; Mantle waves: s25.334; Half duration: 0 Moment
tensor: Scale 10^16Nm; Mr=0.56; 21; Mw=0.78; 14;
Mw=0.22; 18; Ms=2.42; 50; Mw=0.10; 12; Mw=6.17; 97;
Best double couple: Mo=65x10^16 NP1=266, d4, lambda=162;
NP2=158, d89, lambda=86; Principal axes: T=6.36, Plg44,
Az=244; N=5.7, Plg4, Az=338; P=6.93, Plg46, Az=72;
nsta: 1 refers to body waves, cutoff=40s, nsta2 refers to
surface waves, cutoff=50s.

SYO 10:11:38:28.7, 3.06S, 129.67E, h10km, MB4.9
ISC 10:11:38:34.6, 6.2, 3.14S, 129.71E, h55km, 53km, mb4.5/10,
mb1 4.7/11, mb1mx4.6/13, ML4.9/1, MS4.5/5, Ms1 4.5/5,
ms1mx4.1/10, Error ellipse: s-maj=37.5km s-min=12.5km
az=72.0

ISC 10:11:38:27.1, 8.3, 1.11S, 0.03, 128.83E, 0.06, h18km, 12km,
h26km, 1.7km, pP, n126, c127/124, mb4.9/49, MS4.3/12,
4C-5D, Seram

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists seismic stations and their recorded events.

Table with columns for station codes (e.g., WHN, CNB, GYA) and their respective coordinates and data values.

Table with columns for station codes (e.g., NVS, NVS, NVS) and their respective coordinates and data values.

Table with columns for station codes (e.g., HRVD, MOS, NEIC) and their respective coordinates and data values.

Table with columns for call sign (TYV, ASAJ, etc.), frequency, and other parameters. Includes sub-headers like AMS, P, M, etc.

Table with columns for call sign (ULN, ULN, ZAK, etc.), frequency, and other parameters. Includes sub-headers like ULN, P, M, etc.

Table with columns for call sign (KKAR, KEV, ARCES, etc.), frequency, and other parameters. Includes sub-headers like P, M, S, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like KSP, KRV, CRVS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like LPL, LRG, LDF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like SPITS, ARCES, RES, etc.

10d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VANT, TVAN, BTMT, BEST, etc.

NIED 10 13:59:00,25.40N,124.70E,h98km,Mw4.3 Best double couple: Mo3.75x10^15 NP1=0.66°,885°,L-59°. NP2=0.164°,832°,L-170°.

BUI 10 13:59:32.9,24.68N,125.21E,h100km,mb4.6,mb4.4 NEIC 10 13:59:42.0,23.25,43N,124.72E,mb4.5/12, Error ellipse: s-maj=8.2km s-min=7.2km az=98.0

IDC 10 13:59:42.0,0.8,25.52N,124.77E,h98km,7m,mb4.0/15, mb1.4/11.7, mb1mx2.0/23, MS2, B2, N4, 2/8, 2, ms1mx2.5/24, Error ellipse: s-maj=13.5km s-min=11.6km az=143.0

JMA 10 13:59:43.4,0.2,25.39N,124.69E,h106km,5km,M4.4 ISC 10 13:59:41.9,0.2,25.39N,124.80E,0.03,h114km,3km,h100km,2.3km;pP-P,n67,e15/84,mb4.3/26,4C-1D,

Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMW, JMJ, JTT, JTG, etc.

2004 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPITS, ARCES, DAWK, INUK, etc.

IDC 10 14:08:56.4,1.5,7.26S,128.19E,mb3.6/2,mb1.3/9.4, mb1mx3.8/7,ML3.4/2,MS3.6/1,Ms1.3/6.1,ms1mx2.9/10, Error ellipse: s-maj=113.0km s-min=26.5km az=66.0

ISC 10 14:08:59.1,2.1,7.45S,0.4,128.1E,0.8,h33km,n5,c0#78/6, mb3.6/2,MS3.5/1,Banda Sea

North Island

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

IDC 10 14:36:48.6,1.1,44.01N,87.08E,mb3.7/5,mb1.3/8/8, mb1mx3.6/18,ML3.0/3, Error ellipse: s-maj=42.1km s-min=16.5km az=49.0

NEIC 10 14:36:51.6,1.1,43.95N,86.97E,h30km,mb4.3/1, Error ellipse: s-maj=40.3km s-min=13.9km az=23.0

BUI 10 14:36:51.5,4.4,06N,87.16E,h27km,ML3.7

NINC 10 14:36:52.5,2.4,31N,87.05E,h22km,41km,mpv3.2, Error ellipse: s-maj=146.7km s-min=40.4km az=38.0

ISC 10 14:36:49.0,1.1,44.27N,0.08,87.5E,0.1,h23km,12km,n20,c1#14/25,mb3.7/5,4C-2D,Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMO, MK31, MKAR, etc.

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

Code Station Name Az Phase ID Time Res

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like TIXI, INK, SNA, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like LDG, NEIC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like PVC, DZM, MONT, CTX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like LDG, NEIC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like BGF, ROB, RORO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details. Includes stations like ROSC, TXAR, etc.

MOS 10 15:34:06.4+1.4, 47.20N:154.21E, h33km, mb4.8/22, Error ellipse: s-maj=35.4km s-min=17.2km az=95.2

NEIC 10 15:34:08.3+0.5, 47.05N:153.97E, mb4.6/17, Error ellipse: s-maj=13.9km s-min=7.2km az=143.0

SKR Severo-Kuril's 3.72 21 eP S 15 35:02.0 -2.0 SKR Severo-Kuril's 3.72 21 eP S 15 35:02.0 -2.2

ASAJ Asahikawa 8.60 253 PN P 15 36:10.9 -1.3 ASAJ Asahikawa 8.60 253 PN P 15 36:10.9 -1.3

MAJO Matsushiro 15.87 233 P P 15 37:50.5 +1.1 MAJO Matsushiro 15.87 233 P P 15 37:50.5 +1.1

JNU Nakatsue 22.51 240 P P 15 39:03.9 -0.8 JNU Nakatsue 22.51 240 P P 15 39:03.9 -0.8

COLA College 35.37 39 eP P 15 41:05.0 +4.2 COLA College 35.37 39 eP P 15 41:05.0 +4.2

ENH Enshi 38.33 260 eP P 15 41:21.2 -2.7 ENH Enshi 38.33 260 eP P 15 41:21.2 -2.7

PKB Port Vila 3.57 161 iP P 15 04:18.3 +6.9 PKB Port Vila 3.57 161 iP P 15 04:18.3 +6.9

10d 16h

Table listing station call signs, names, coordinates, and signal strength indicators for the 10d 16h section.

2004 JAN

Table listing station call signs, names, coordinates, and signal strength indicators for the 2004 JAN section.

250

Table listing station call signs, names, coordinates, and signal strength indicators for the 250 section.



10d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

2004 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like QSPA Billibino, BILL Billibino, BILL Billibino, etc.

NIED 10 17:48:00,24.70N,122.50E,h74km,Mw3.9 Best double couple: M7.39x1014 NP1.9x194, delta3, delta6. NP2: phi22, delta7, delta7.
NEIC 10 17:48:39.4,0.9,24.71N,122.42E,h90km,7km Error ellipse: s-maj=18.9km s-min=12.5km az=185.0
IDC 10 17:48:39.5,3.8,24.73N,122.51E,h93km,35km,m3.7/12,m1 3.9/14,m1mx3.8/21,MS2.9/1,MS1 2.9/1,ms1mx2.7/26,Error ellipse: s-maj=24.7km s-min=15.4km az=77.0
TAP 10 17:48:40.2,24.62N,122.38E,h81km,ML4.6
TAP Felt II J at Nanau.
JMA 10 17:48:40.2,24.66N,122.47E,h85km,1km,M3.8
ISC 10 17:48:42.3,24.77N,122.13E,h93km,m4.0
ISC 10 17:48:38.4,0.2,24.66N,102.122.42E,0.02,h96km,2km,h85,c096/151,m3,8.12,12C-12D,Taiwan region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 Suao, TWC Suao, etc.

252

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECL Taimali, ECL Sandimen, SSD Sandimen, etc.

Table with 3 columns: Station Name, Azimuth (AZ), and Phase ID. Includes stations like KEDI, INGI, and NINI.

Table with 4 columns: Station Name, Azimuth (AZ), Phase ID, and ISC. Includes stations like ERTA, ERTA, and ERTA.

Table with 5 columns: Station Name, Azimuth (AZ), Phase ID, ISC, and Res. Includes stations like ECRJ, ECRJ, and ECRJ.

IDC 10 18:27:59.2±1.0, 2.37S, 68.86E, mb3.9/8, mlt 4.0/8, mb1mx3.9/13, MS3.6/2, Ms1 3.6/2, ms1mx3.9/9, Error ellipse: s-maj=34.7km s-min=21.1km az=32.0

NEIC 10 18:28:00.0±0.7, 2.47S, 68.82E, h10km, mb4.2/2, Error ellipse: s-maj=19.9km s-min=18.5km az=58.0

ISC 10 18:27:58.2±0.7, 2.45S, 68.8E±0.1, h10km, m18, ±121/14, mb3.9/10, MS3.6/2, Carlsberg Ridge

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like KMB0, LSA, MKAR, ZRNK, BVAR, etc.

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like ERTA, ERTA, ERTA, etc.

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like ECRJ, ECRJ, ECRJ, etc.

BUI 10 18:38:12.8, 36.90N, 3.40E, h10km, mb4.6, Ms4.9, Msz4.5

MOS 10 18:38:13.2±0.9, 36.98N, 3.45E, h10km, mb4.5/13, Error ellipse: s-maj=6.9km s-min=3.0km az=76.3

NEIC 10 18:38:14.8±0.2, 36.85N, 3.42E, h10km, mb4.5/21, MS4.4/2, ML4.6(LDG), Error ellipse: s-maj=3.5km s-min=2.3km az=161.0

NEIC Three hundred people injured and additional damage to buildings in the Algiers-Boumerdes area previously weakened by the event of May 21, 2003.

MDD 10 18:38:14.9±1.0, 36.84N, 3.51E, h8km, 9km, mb5.4/25, Error ellipse: s-maj=5.9km s-min=4.2km az=148.0

ZUR\_RM 10 18:38:14.36, 85N, 3.42E, h9km, Mw4.7/19, Moment Tensor Solution, s19 Moment tensor: Scale 1016Nm; M=0.49; Mw=0.53; Mw=1.02; Mw=0.54; Mw=0.74; Mw=0.15; Best double couple: M1.2x10^16 NP1.0x119°, 667°, -151°, NP2.0x117°, 663°, -26°. Principal axes: T 1.321, P1g2, Azm248; N-078, Plg54, Azm155; P-1.243, Plg36; Azm339

IAG 10 18:38:15.36±0.4N, 3.43E, h6km, Mw4.8, Moment Tensor Solution, Moment tensor: Scale 1016Nm; M=0.21; Mw=0.39; Mw=0.60; Mw=1.66; Mw=0.58; Mw=0.93; Best double couple: M2.0x10^16 NP1.0x119°, 686°, -111°, NP2.0x119°, 621°, -10°. Principal axes: T 1.98, Plg38°, Azm227; N-141, P1g21°, Azm120; P-2.12, Plg45°, Azm87

LDG 10 18:38:16.4±0.3, 36.71N, 3.60E, h30km, Md4.7/11, M4.6/19, ms3.8/9 Error ellipse: s-maj=8.0km s-min=5.4km az=101.0

INMG 10 18:38:17.8±1.7, 37.00N, 3.51E, h10km, ML3.5, Error ellipse: s-maj=7.6km s-min=4.2km az=119.0

IDC 10 18:38:18.4±3.2, 37.04N, 3.39E, h30km, mb4.2/17, mb1.4/23, mb1mx4.4/25, ML4.2/5, MS4.1/5, Ms1.4/15, ms1mx4.0/25, Error ellipse: s-maj=19.5km s-min=14.2km az=18.0

STR 10 18:38:25.9±0.5, 37.73N, 3.57E, h10km, 1km, M4.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 10 18:38:13.3±0.2, 36.99N, 0.02±3.37E±0.01, h10km, (h25km, 1.9km; P-P), n421, ±1931/527, mb4.6/49, MS4.1/26, 15C-18D, Northern Algeria

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like ADJB, EMHD, ECHF, etc.

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like ERTA, ERTA, ERTA, etc.

Main table block with 5 columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC. Includes stations like ECRJ, ECRJ, ECRJ, etc.

10d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PVRL, PTOM, SMF, PTEO, etc.

2004 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like MODS, PRU, VRAU, PVCC, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LIC, ARCES, ARCES, SOKR, etc.



Table with columns: XAN, Xifan, Time, Res, EQES, Quesada, SNR, etc. Includes stations like NLW, BJJ, HWJ, RW3, LNOR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like NAS1, VCI, JUA2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like EMHD, EIBI, ETOS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like EMHD, EIBI, ETOS, etc.

Table with columns: EQES, Quesada, SNR, Time, Res, etc. Includes stations like BUI, NEIC, KAKA, FITZ, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like AAP, GUM, CUYO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like EMHD, EIBI, ETOS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like YOJ, HATJ, JKRS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like ECAL, ERUA, ERUA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like EPON, EPON, EARI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like EARI, EARI, PVIS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EQES, Quesada, SNR, etc. Includes stations like ROSC, OTAV, HUMP, etc.

11d 3h

GERES GERES Array B 82.72 42 P P 22 36 40.1 +0.4
ARCES ARCES Array B 86.63 20 P P 22 36 58.9 +0.3
FINES FINES Array B 88.38 28 P P 22 37 08.7 +1.6

IDC 10 23:41:15.3z.0.9,21.915z.169.28E,mb4.1/5,mb1.4/6,
mb1mx4.3/9,ML3.6/1,MS3.7/3,Ms1.3/7,ms1mx3.4/8,
Error ellipse: s-maj=31.3km s-min=27.8km az=139.0

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 287 P P 23 41 59.7 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 41 59.7 +0.3
PVC Port Vila 4.30 348 I P S 23 42 23.0 +0.3

Code Station Name Az AZZ Phase ID Time Res
ASAR Alice Springs 32.59 260 P P 23 43 48.8 -0.2
ASAR comp=Z.240nm,19.2s,MS3.6,baz=255,slow=33
ASAR Alice Springs 32.59 260 P P 23 43 48.8 -0.2

Code Station Name Az AZZ Phase ID Time Res
ASAR Warramunga Arr 32.64 267 P P 23 47 49.9 -1.6
WRA Warramunga Arr 32.64 267 P P 23 47 49.9 -1.6
FITZ Fitzroy Crossi 4.01 267 eP P 23 49 01.9 +1.3

Code Station Name Az AZZ Phase ID Time Res
ASAR Alice Springs 32.59 260 P P 23 43 48.8 -0.2
ASAR comp=Z.240nm,19.2s,MS3.6,baz=255,slow=33
ASAR Alice Springs 32.59 260 P P 23 43 48.8 -0.2

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 2.62 271 eP P 23 54 41.6 +0.3
DZM Mont Dzumac 2.62 267 eP P 23 54 41.6 +0.3
URZ Urewera 17.59 159 P P 23 58 05.5 +0.8

2004 JAN

BDHA BDHA comp=Z.201nm,0.5s 0.7 0.3 I S AML Sn 00 47 53.1 +5.0
HAJJ Hajjah 3.73 0 I S AML Sn 00 48 15.9 +4.2
HAJJ comp=N.473nm,0.6s 0.0 0.0 I S AML Sn 00 48 37.2

NEIC 11 01:09:04.9, 16.86N-94.65W, h119km, MD3.8(MEX), After
MX1.
MEX 11 01:09:04.9, 1.2, 16.86N-94.65W, h119km, 10km, MD3.8,
1D, Oaxaca

Code Station Name Az AZZ Phase ID Time Res
CMIG Matias Romero 0.32 316 P P 01 09 20.6 -1.3
CMIG Matias Romero 0.32 316 P P 01 09 32.3 -2.3
HUIG Huatulo 1.77 232 I S P 01 09 33.1 -2.8

Code Station Name Az AZZ Phase ID Time Res
MOS 11 02:18:59.1, 1.3, 36.42N-69.98E, h216km, mb3.6/7, Error
ellipse: s-maj=26.8km s-min=11.5km az=86.7

Code Station Name Az AZZ Phase ID Time Res
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CHCP Chirah Chowk 3.73 157 P P 02 20 02.1 +1.4

Code Station Name Az AZZ Phase ID Time Res
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CHCP Chirah Chowk 3.73 157 P P 02 20 02.1 +1.4

Code Station Name Az AZZ Phase ID Time Res
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CEP Cherat 2.95 132 P P 02 19 52.6 +0.9
CHCP Chirah Chowk 3.73 157 P P 02 20 02.1 +1.4

Code Station Name Az AZZ Phase ID Time Res
AML Almayashu 6.27 24 P P 02 20 32.1 -0.2
AML Almayashu 6.27 24 P P 02 20 32.1 -0.2
PONG Pong 6.51 132 eS S 02 21 46.0 -1.6

Code Station Name Az AZZ Phase ID Time Res
UCH Uchto 6.65 29 P P 02 20 37.4 +0.2
EKSE Erkin-Say 6.78 23 P P 02 20 38.9 +0.1
KZA Kyzart 6.83 33 P P 02 20 39.6 +0.1

Code Station Name Az AZZ Phase ID Time Res
UCH Uchto 6.65 29 P P 02 20 37.4 +0.2
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EKSE Erkin-Say 6.78 23 P P 02 20 38.9 +0.1
KZA Kyzart 6.83 33 P P 02 20 39.6 +0.1

256

ASAR Alice Springs 84.73 124 P P 02 31 09.6 -0.4
comp=Z.0.7nm,0.6s,mb3.5,baz=317,slow=5.6,SNR=8.1

STR 11 02:26:32.7z.0.1, 43.02N-0.11W, h5km, 1km, M1.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

Code Station Name Az AZZ Phase ID Time Res
LABF Labassere 0.14 95 P P 02 26 36.2 +0.8
LABF Labassere 0.14 95 P P 02 26 36.2 +0.8
LABF Labassere 0.14 95 P P 02 26 36.2 +0.8

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11d 4h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BEST Besiri, GZT Gaziantep, CEYT Ceyhan, etc.

2004 JAN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SOC Sochi, UCH Uchtor, KZA Kyzart, etc.

258

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FNA Florina, VAY Valandovo, BALP Baler, etc.



Table with columns for station codes (e.g., SVE, PVCC, BOURR), names (e.g., Panska Ves, Bourrignon, Larraz), and various numerical values (e.g., 05 03 29.0 +0.5, 04 46 03.3 +0.1). Includes a '2004 JAN' header and a '260' page number.



ML2.0(LDG),ML1.9(STR),After GEN. LDG 11 05:22:18.1,0.1,44.67N,7.20E,h2km,Md2.0/1,ML2.0/7, Error ellipse: s-maj=1.3km s-min=0.6km az=76.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PZZ, DOI, BHB, OG22, MBDF, RRL, RRL, STV2, ENR, ENR, RSP, ROB, ROB, MONI, SAOF, SAOF, MWIF, MWIF, AURF, AURF, LSD, LSD, SBF, SBF.

WEL 11 05:30:50.2,0.4,39.44S,177.70E,h32km,2km,ML3.6/13, 1C, Error ellipse: s-maj=3.3km s-min=1.5km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KNZ, KNZ, PWZ, PWZ, HATZ, PUZ, PUZ, TAZ, TAZ, TUZ, TUZ, RATZ, RATZ, KATZ, KAVZ, NGZ, BFZ, FWVZ, CNZ, WPVZ, OIZ, OIZ, QAZ, QAZ.

WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WRA, ASAR, ASAR, ASPA, KAKA, FITZ, MBWA, KLBR, QSPA, YBH, NVAR, TUC, MCK, ILAR, LTX, TXAR, PDAR, INK, YKA, BVAR, GERES.

WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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WRA 11 06:59:13.9,8.5,18.65N,107.98W,mb2.9/4,mb1 3.4/5, mb1mx3.7/7, Error ellipse: s-maj=146.0km s-min=79.8km az=151.0

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Error ellipse: s-maj=65.0km s-min=15.7km az=131.0. ISC 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like RAB, PMG, KAKA, WB2, WRA, WRA, ASAR, ASPA, FITZ, MBWA, ILAR, BVAR, YKA.

WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

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WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

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WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like RAB, PMG, KAKA, WB2, WRA, WRA, ASAR, ASPA, FITZ, MBWA, ILAR, BVAR, YKA.

WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

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WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

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WRA 11 07:01:38.7,2.2,4.15,0.3,152.6E,0.4,h76km,12km,n12, s=1501/12,mb3.9/7,1D,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like RAB, PMG, KAKA, WB2, WRA, WRA, ASAR, ASPA, FITZ, MBWA, ILAR, BVAR, YKA.



Table with columns: ETOB, EMOS, SNR=7.9, S, Pn, S, Pn, 07 16 03.4 -1.0, 07 16 21.0 +1.1, 07 17 11.2 +0.6, 07 16 20.2 +0.3, 07 17 09.7 -0.9, 07 16 22.1 -0.5, 07 16 21.9 -0.8

IDC 11 07:34:34.4i,1.6, 8.07S;.125.09E,mb4.0/2,mb1 4.3/4, mb1mx4.17,ML4.0/2, Error ellipse: s-maj=165.0km s-min=29.0km az=60.0

NEIC 11 07:34:45.0z,2.3, 9.01S;.124.15E,h98km,26km,mb4.5/1, Error ellipse: s-maj=20.9km s-min=18.0km az=211.0

ISC 11 07:34:46.5i,1.7, 9.09S;.0.09,124.30E,0.10,h138km,19km, n10,c1910/17,mb3.9/3, Timor region

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

DJA 11 07:50:35.2i,0.1, 8.58S;.117.09E,h33km,MLK4.3/4, 4C-3D, Error ellipse: s-maj=44.6km s-min=20.8km az=171.0

NEIC 11 07:57:05.0i,1.5, 36.45N;.138.02E,h11km, Mw4.0 Best double couple: M1:21x1015 NP1:9z82°, 882°, λ-147°; NP2: φ=347°, 858°, λ-9°

NEIC 11 07:57:27.1i,0.1, 36.45N;.138.02E,h11km, Mw4.0 Error ellipse: s-maj=29.3km s-min=14.8km az=139.0

JMA 11 07:57:27.8i,3.6, 40N;.137.98E,h8km,1km, M4.0 Broadband fault plane solution: P waves. NP1:φ=93°, δ48°, λ-136°; NP2:φ=330°, δ59°, λ-51°; Principal axes: T Plg6°, Azm34°; N Plg32°, Azm128°; P Plg57°, Azm295°

JMA Felt J1. IDC 11 07:57:35.7i,5.1, 36.42N;.137.69E,h80km,48km, mb3.3/3, mb1 3.7/10, mb1mx3.6/19, ML3.4/1, MS2.9/3, Ms1 2.9/3, ms1mx2.7/19 Error ellipse: s-maj=35.4km s-min=18.8km az=101.0

ISC 11 07:57:27.1i,0.6, 36.42N;.0.04,138.01E,0.08,h17km,4km, n22,c1521/25,mb3.6/9, Eastern Honshu

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

ISC 11 07:57:27.1i,0.6, 36.42N;.0.04,138.01E,0.08,h17km,4km, n22,c1521/25,mb3.6/9, Eastern Honshu

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

ASAJ Asahikawa 8.45 23 LR 08 03 43.8

JOW Kunigami 12.65 22 LR 08 04 36.4

MKAR Makanchi Array 41.42 302 P 08 05 18.7 -1.3

ILAR Eielson Array 51.47 32 P 08 06 32.4 -0.9

WRA Warramunga Arr 56.16 184 P 08 07 06.2 -2.3

ASAR Alice Springs 65.69 29 P 08 07 33.6 -0.9

YKA Yellowknife Ar 65.69 29 P 08 08 12.7 +0.3

NVAR Mina Array Bea 77.53 51 P 08 09 25.6 +2.0

PDAR Pinedale Array 80.02 44 P 08 09 38.4 +1.3

PV10 Paradox Valley 83.01 47 P 08 09 56.2 +2.4

SCHO Schefferville 86.64 14 P 08 10 08.4 -2.1

TXAR Lajitas Array 92.64 50 P 08 10 40.3 +0.9

NEIC 11 08:07:05.0i,0.1, 16.24S;.176.18W,mb5.3/52, Mw5.9, Error ellipse: s-maj=5.9km s-min=3.1km az=141.0

Moment Tensor Solution. s14 Moment tensor: Scale 1017 Nm; M1: -3.15; M2: 1.87; M3: 1.28; M4: 3.99; M5: 6.73; M6: -0.69; Best double couple: Mo:8.1x1017 NP1:9z80°, δ56°, λ-159°; NP2:φ=264°, δ73°, λ-35°; Principal axes: T 8.71, Plg11°, Azm319°; N-1.31, Plg51°, Azm62°; P-7.4, Plg37°, Azm220°

IDC 11 08:07:04.6i,0.5, 16.42S;.176.16W,h370km,4km, mb4.5/12, mb1 4.7/12, mb2,9/713 Error ellipse: s-maj=16.2km s-min=8.3km az=129.0

SYO 11 08:07:04.9i,16.24S;.176.18W,h366km, MB5.3

BUI 11 08:07:04.6i, 15.77S;.176.20W,h353km,mb5.4,mb5.2

MOS 11 08:07:04.3i,0.9, 16.18S;.176.24W,h368km,mb5.5/17, Error ellipse: s-maj=11.0km s-min=9.7km az=60.4

HRVD 11 08:07:05.0i,0.2, 16.27S;.176.05W,h381km, Mw5.9/70, Centroid moment Tensor Solution. LP body waves: s70,c160; Half duration: 2s1 Moment tensor: Scale 1017 Nm; M1: -3.56; M2: 2.55; M3: 1.01; M4: 4.16; M5: 1.1; M6: 6.19; 12; 12; Best double couple: Mo:8.1x1017 NP1:9z11°, δ51°, λ-153°; NP2: φ=284°, 371°, λ-42°; Principal axes: T 8.59, Plg13°, Azm322°; N-9.96, Plg45°, Azm65°; P-7.63, Plg43°, Azm220°; nsta1 refers to body waves, cutoff=40s

ISC 11 08:07:03.7i,0.1, 16.35S;.0.03,176.10W,0.04,h366km, h366km, 8km, pp-P, n621,c1905/271,mb5.2/94,30C-75D, Fiji Islands region

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

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

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

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Signal Strength, SNR, Date/Time, and other parameters. Includes stations like NJ2, WVOR, SVW, CPW, SHW, TUC, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Signal Strength, SNR, Date/Time, and other parameters. Includes stations like ILAR, Eielson Array, R3W3, UBT, MSO, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Signal Strength, SNR, Date/Time, and other parameters. Includes stations like LZH Lanzhou, YKA, YKA, YKA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, FINES Array B, FINES Array B, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NKC, VRAC, VRAC, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Manteigas, Graus, Tomar, Castelo Branco, Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Omahuta, Waipua Caves, Motutapu, Otara, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kedomdong, Rata, Ingil, Kelakatan, etc.

NEIC 11 08:44:05.7, 19.82N, 65.20W, h50km, MD3.8 (RSPR)

RSPR 11 08:44:05.7, 19.82N, 65.20W, h50km, 31km, M3.8, 6C-8D, Puerto Rico region

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

NEIC 11 08:49:06.9, 0.7, 22.26S, 169.62E, h10km, mb4.3/1, Error ellipse: s-maj=31.0km s-min=17.8km az=172.0

IDC 11 08:49:07.4, 3.3, 21.41S, 169.37E, mb3.8, m1-2, 1/4, mb1mx4.1/7, Error ellipse: s-maj=179.0km s-min=29.4km az=157.0

ISC 11 08:49:09.8, 2.3, 22.19S, 0.10, 169.6E, 0.1, h43km, 21km, n12, c056/14, mb4.0, Southeast of Loyalty Islands

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

NEIC 11 08:53:46.2, 11.0, 15.43S, 174.25W, mb3.9, mb1 4/2/3, mb1mx3.8/9, Error ellipse: s-maj=500.0km s-min=36.9km az=139.0, Tonga Islands

Code Station Name Az Phase ID Time Res

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

BUI 11 09:29:08.9, 19.79S, 178.62W, h684km, mb5.6, mb5.2

IDC 11 09:29:09.0, 0.5, 20.45S, 179.14W, h676km, 5km, mb4.7/18, mb1 4/8/19, mb1mx4.8/19, Error ellipse: s-maj=11.3km s-min=8.0km az=144.0

NEIC 11 09:29:10.3, 0.1, 20.14S, 179.15W, mb5.3/57, MW6.0, Error ellipse: s-maj=6.4km s-min=3.6km az=147.0, Moment Tensor Solution. s24 Moment tensor: Scale 1018 Nm; M1=0.54; M2=0.32; M3=0.22; M4=1.02; M5=0.14; M6=0.64; Best double couple: M1.3x1018 NP1.3x233, 311, -94, NP2.0x58, 679, -89. Principal axes: T1.3, P1.39, N1.32; N.01, P1.17, Azm231; P-1.31, P1.39, Azm334; Azm127; N.12, P1.31, Azm237; P-1.36, P1.55, Azm329.

MOS 11 09:29:10.7, 1.2, 19.98S, 179.35W, h686km, mb5.4/17, Error ellipse: s-maj=11.2km s-min=10.1km az=75.5

HRVD 11 09:29:10.3, 0.2, 20.21S, 179.20W, h682km, 1km, MW6.0/70, Centroid moment Tensor Solution. Lp body waves: s70, c151; Half duration: 25s Moment tensor: Scale 1018Nm; M1=0.21; M2=0.1; M3=0.12; M4=0.33; M5=0.2; M6=1.01; M7=0.2; M8=0.16; M9=0.2; M10=0.75; M11=0.2; Best double couple: M1.3x1018 NP1.3x164, 312, -94, NP2.0x52, 685, -89. Principal axes: T1.3, P1.39, N1.32; N.01, P1.17, Azm231; P-1.31, P1.39, Azm334; Azm127; N.12, P1.31, Azm237; P-1.36, P1.55, Azm329.

ISC 11 09:28:07.0, 0.7, 20.20S, 0.04, 179.13W, 0.03, h662km, 9km, h675km, 2.0km, pp-P, n631, c092/275, mb5.3/105, 54C-40D, Fiji Islands region

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

ARMA Armidale 28.25 243 I/P

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tiarei, Pomario Rio, Vaihoo, etc.

comp=Z, 137nm, 0.3s, mb5.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kedomdong, Rata, Ingil, Kelakatan, etc.



Table with columns for call sign, name, frequency, and other details. Includes entries like MOS, FINES, PUL, LUSAKA, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like OKC, Muntele Rosu, Ostrava-Krasne, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like SVIS, HDH, STU, Langenberg, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MTE Manteigas, EPO Poblet, PTOM Tomar, etc.

MOS 11 09:29:43.6i.0.9, 2.0, 0.05s, 179.05W, h656km, mb5.0/11, Error ellipse: s-maj=20.0km s-min=13.2km az=140.7

NEIC 11 09:29:45.3i.1.1, 2.0, 0.05s, 179.08W, h657km, 1.5km, mb5.1/51, Error ellipse: s-maj=9.5km s-min=5.6km az=160.0

SYO 11 09:29:45.3, 2.0, 0.05s, 179.08W, h657km, MB5.1, BUI 11 09:29:45.0, 2.0, 0.05s, 179.10W, h657km, MB5.3, mb5.0

IDC 11 09:29:47.1, 2.0, 0.05s, 179.18W, h683km, 3.3km, mb4.5/14, mb1.4, 7.17s, mb1mx4.6/16, Error ellipse: s-maj=29.7km s-min=10.4km az=159.0

ISC 11 09:29:45.2i.1, 2.0, 0.05s, 0.08-179.19W, 0.05, h671km, 1.6km, h654km, 8.3km, pP, n158, c0.90/142, mb5.0/65, 1C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OUZ Omahuta, WAZ Waputaki, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, JNU Nakatsue, ADK Adak, etc.

MOS 11 09:29:43.6i.0.9, 2.0, 0.05s, 179.05W, h656km, mb5.0/11, Error ellipse: s-maj=20.0km s-min=13.2km az=140.7

NEIC 11 09:29:45.3i.1.1, 2.0, 0.05s, 179.08W, h657km, 1.5km, mb5.1/51, Error ellipse: s-maj=9.5km s-min=5.6km az=160.0

SYO 11 09:29:45.3, 2.0, 0.05s, 179.08W, h657km, MB5.1, BUI 11 09:29:45.0, 2.0, 0.05s, 179.10W, h657km, MB5.3, mb5.0

IDC 11 09:29:47.1, 2.0, 0.05s, 179.18W, h683km, 3.3km, mb4.5/14, mb1.4, 7.17s, mb1mx4.6/16, Error ellipse: s-maj=29.7km s-min=10.4km az=159.0

ISC 11 09:29:45.2i.1, 2.0, 0.05s, 0.08-179.19W, 0.05, h671km, 1.6km, h654km, 8.3km, pP, n158, c0.90/142, mb5.0/65, 1C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MTUM Tungsten Hills, GSC Goldstone, HMO Hull Mountain, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SDCO Great Sand Dun, RSSD Black Hills, INK Inuvik, etc.

MOS 11 09:29:43.6i.0.9, 2.0, 0.05s, 179.05W, h656km, mb5.0/11, Error ellipse: s-maj=20.0km s-min=13.2km az=140.7

NEIC 11 09:29:45.3i.1.1, 2.0, 0.05s, 179.08W, h657km, 1.5km, mb5.1/51, Error ellipse: s-maj=9.5km s-min=5.6km az=160.0

SYO 11 09:29:45.3, 2.0, 0.05s, 179.08W, h657km, MB5.1, BUI 11 09:29:45.0, 2.0, 0.05s, 179.10W, h657km, MB5.3, mb5.0

IDC 11 09:29:47.1, 2.0, 0.05s, 179.18W, h683km, 3.3km, mb4.5/14, mb1.4, 7.17s, mb1mx4.6/16, Error ellipse: s-maj=29.7km s-min=10.4km az=159.0

ISC 11 09:29:45.2i.1, 2.0, 0.05s, 0.08-179.19W, 0.05, h671km, 1.6km, h654km, 8.3km, pP, n158, c0.90/142, mb5.0/65, 1C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BJI 11 09:51:24.4, 44.12N-87.26E, h13km, ML3.5, Ms3.5, Northern Xinjiang, WMQ Urumqi, etc.

WEL 11 10:49:20.3, 41.325S-172.39E, h12km, ML3.8(WEL), After WEL

NEIC 11 10:49:20.5, 41.325S-172.39E, h12km, ML3.8(WEL), After WEL

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Quartz Range, Tophouse, Denniston North, etc.

NEIC Felt [I] at Curico, Linares and Talca. ISC 11 11:16:51.0, 0.6, 35.145, 0.0, 47.1, 51.0, 0.0, h33km, n24, s1501/44, mb3.7/2, 9C-10D, Central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Talca, San Fernando, Cipreses, Chadas Angostu, etc.

LDG 11 11:23:43.0, 0.4, 43.06N-2.02W, h2km, Md2.0/1, M2.1/2

MDD 11 11:23:46.1, 0.5, 42.89N-1.81W, mbLg1.3/7, Error ellipse: s-maj=5.8km s-min=2.9km az=154.0, ARTIFICIAL

ISC 11 11:23:44.3, 0.8, 42.82N-0.08x1.81W, 0.05, h2km, n11, s151/13, Pyrenees

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like EALK, ALKurruntz, SALK, etc.

LDG 11 11:43:08.8, 4.1, 42.79S-124.76E, mb3.7/2, mb1.4/1/2, mb1mx3.8/9, Error ellipse: s-maj=292.0km s-min=50.3km az=104.0

NEIC 11 11:43:10.7, 0.8, 42.52S-124.62E, h10km, mb4.4/1, Error ellipse: s-maj=23.6km s-min=15.6km az=77.0

ISC 11 11:43:09.2, 0.9, 42.65S-124.62E, 0.2, h10km, n10, s151/13, Pyrenees

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NWAO, ASPA, ASAR, WRA, ARMA, Vnda, etc.

NEIC 11 11:58:34.6, 0.7, 17.70N-26.51W, h10km, mb4.6/6, Error ellipse: s-maj=19.0km s-min=7.7km az=151.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA, ASAR, MKAR.

DJA 11 10:21:24.6, 0.9, 8.85S-119.29E, h160km, mb4.1/2, ML4.5/1, 8C-1D, Error ellipse: s-maj=28.8km s-min=5.5km az=141.0, Flores region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KEDI, RATA, INGI, etc.

ISC 11 10:29:40.3, 15.0, 16.76S-176.37W, h253km, 151km, mb3.7/8, mb1.4/0, mb1mx3.9/11, Error ellipse: s-maj=48.0km s-min=21.9km az=174.0

NEIC 11 10:29:50.0, 6.5, 16.87S-176.37W, h353km, 67km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=17.2km az=176.0

ISC 11 10:29:48.5, 0.5, 16.85S-176.4W, 0.1, h350km, n24, s0583/22, mb4.0/18, 2D, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like URZ, ARMA, CTA, PMG, etc.

ISC 11 10:39:49.7, 7.3, 19.68S-177.73W, mb3.7/3, mb1.4/0/3, mb1mx3.8/9, Error ellipse: s-maj=317.0km s-min=38.8km az=144.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ASAR, WRA, ILAR.

NEIC 11 10:45:45.4, 32.60S-171.70W, h15km, ML3.6(GUC), After GUC

NEIC Felt [I] at Valparaiso. GUC 11 10:45:45.4, 0.9, 32.60S-171.70W, h15km, 2km, MD4.0, ML3.6, 10C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PACH, IHA, ROCH, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ORZ, THZ, DSZ, etc.

ISC 11 11:16:36.5, 5.4, 35.69S-71.93W, mb3.7/2, mb1.4/0/4, mb1mx3.9/10, ML3.7/2, Error ellipse: s-maj=127.0km s-min=54.6km az=156.0

GUC 11 11:16:49.6, 0.6, 35.16S-71.27W, h103km, 3km, MD3.6, ML3.9

NEIC 11 11:16:49.6, 35.16S-71.27W, h103km, MD3.6(GUC), After GUC



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Toumodi, Dimbokoro, Kosan Boka, Sonseca Array, Col San Antoni, GERRSS Array B, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Combarbala, Ovalle, Illapel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Papudo, El Roble, Talagante, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEDI, RATA, RATI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUC, LTX, TXAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUC, LTX, TXAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCCM, HRY, SIUC, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Petit Monier, Moule a Chique, Boggy Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Buenos Aires, Villa Florida, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANGRAI, etc.

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

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

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

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Loures, Sierra de Lija, Castelo Branco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Nemuru 2, Nemuru 3, etc.

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

IDC 11 15:11:05.9:1.8, 17.14N-85.35W, mb4.0/8, mb1 4.3/9, mb1mx4.1/18, ML2.8/1, MS3.6/3, Ms1 3.6/3, ms1mx3.2/22, Error ellipse: s-maj=55.6km s-min=26.1km az=32.0

NEIC 11 15:11:06.3:0.5, 16.88N-85.59W, h10km, mb4.1/8, Error ellipse: s-maj=12.3km s-min=6.9km az=59.0

IDC 11 15:11:04.6:0.6, 16.88N-0.08:85.6W:0.1, h10km, n30, 0581/29, mb4.1/9, MS3.5/2, North of Honduras

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

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Nemuru 2, Nemuru 3, etc.

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

IDC 11 15:29:16.1:1.7, 0.09S-125.48E, mb3.8/3, mb1 4.1/3, s-min=23.6km az 64.0, Southern Molucca Sea

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

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

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

LDG 11 15:33:08.0:0.1, 43.15N-0.77W, h2km, Md1.6/2, Error ellipse: s-maj=4.9km s-min=1.9km az=9.0

MDD 11 15:33:09.2:0.5, 43.07N-0.80W, h9km, 5km, mblg1.0/4, Error ellipse: s-maj=4.5km s-min=1.8km az=19.0, PRX/MO

IDC 11 15:33:08.6:0.5, 43.08N-0.05:0.79W:0.04, h9km, n9, 0569/14, Pyrenees

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

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

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

NEIC 11 15:59:40.5:0.5, 46.98N-152.94E, mb4.2/3, Error ellipse: s-maj=11.9km s-min=8.0km az=157.0

IDC 11 15:59:40.5:0.7, 46.99N-152.74E, h51km, 6km, mb3.8/16, mb1 4.1/18, mb1mx4.0/22, MS3.0/1, Ms1 3.0/1, ms1mx2.2/24, Error ellipse: s-maj=18.4km s-min=14.6km az=138.0

MOS 11 15:59:40.9:1.1, 46.97N-152.95E, h73km, mb4.3/11, Error ellipse: s-maj=16.6km s-min=9.8km az=67.8

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

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

DJA 11 16:15:08.7:0.6, 8.34S-116.06E, h33km, ML3.9/2, 6C-2D, Error ellipse: s-maj=17.7km s-min=9.6km az=16.0, Sumbawa region

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

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

NEIC 11 16:19:00.8 44.24N-7.54E h2km, ML2.5(GEN), ML2.1(STR), ML2.1(LDG), After GEN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ennacque, Anna di Valdie, etc.

NEIC 11 16:19:00.2 0.3, 44.26N-7.52E 0.02, h12km3.3km, n30, c0569/58, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RORO, ENR, STV2, etc.

NEIC 11 16:40:34.6, 38.01S-178.50E, h12km, ML3.9(WEL), After WEL

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

Table with columns: KIW, Kapiti Island, Cannon Point, etc. Includes station codes and coordinates.

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

MDD 11 16:55:50.7 0.6, 31.95N x 142.61E, M3.5, Southeast of Honshu

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

NEIC 11 17:07:16.6, 42.68N-1.09W, h2km, ML2.1(LDG), After LDG

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

MDD 11 17:07:17.2 0.6, 42.69N-1.06W, mbLg1.0/6, Error ellipse: s-maj=5.0km

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

NEIC 11 17:07:16.0 1.0, 42.69N-1.06W, h2km, ML2.1(LDG), After LDG

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

MDD 11 17:18:20.0 0.5, 43.03N-1.15W, mbLg1.0/4, Error ellipse: s-maj=7.8km

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

NEIC 11 17:20:0.0 0.8, 43.01N-1.13W, h2km, ML2.1(LDG), After LDG

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

MDD 11 17:40:46.8 2.0, 5.39S-128.74E, mb3.4/1, mb1 3.5/3, s-min=30.1km

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

MAN 11 18:32:56.8, 13.99N-125.13E, h1km, mb5.1, ML4.1, MS4.2, etc.

NEIC 11 18:32:59.0 0.9, 13.99N-125.69E, h10km, Error ellipse: s-maj=27.8km

ISC 11 18:30:01.6 1.3, 13.90N-106.125E 0.1, h35km x 13km, n27, r1927/33, mb3.4/3, 2C-2D, Philippine Islands region

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

NEIC 11 19:01:57.5 0.5, 43.77N-105.26W, ML3.2, Error ellipse: s-maj=6.0km

NEIC 11 19:01:57.5 2.8, 43.95N-105.44W, mb1 3.6/4, mb1mx3.5/17, ML3.4/4, Error ellipse: s-maj=53.0km

ISC 11 19:01:55.1 0.6, 43.79N-105.23W 0.07, n30, c1517/37, Wyoming

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

KNET 11 19:07:31.4 0.8, 42.72N-76.26E, ml2.3, Error ellipse: s-maj=4.7km

NEIC 11 19:07:39.9 4.5, 43.30N-76.71E, h35km, 37km, mpv2.9, Error ellipse: s-maj=31.6km

ISC 11 19:07:31.7 1.0, 42.68N-106.76E 0.08, h35km, n16, c1520/21, 16C-9D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Az, Az\*, Phase ID, ISC, Time, Res, ISC. Rows include AML Almayashu, KK31 Karaty Array, MK31 Makanchi Array, etc.

NEIC 11 19:23:40.7, 42.78Nk, 0.99W, h2km, ML2.1 (LDG), MN2.1 (MDD), After LDG.

Error ellipse: s-maj=19.9km, s-min=4.3km, az=21.0. MDD 11 19:23:40.1, 0.5, 42.74Nk, 1.02W, mbLg 1.0/6, Error ellipse: s-maj=4.9km, s-min=2.8km, az=20.0, PRXIMO.

Table with columns: Code, Station Name, Az, Az\*, Phase ID, ISC, Time, Res, ISC. Rows include ETSF Etsaut, SJPFF Sea Jean, EALK Alkurruntz, etc.

BUI 11 19:31:31.0, 55.60Nk, 165.70E, h21km, mb5.4, mb5.3, Ms5.3, Ms2.2

KRSC 11 19:31:31.6, 1.3, 55.57Nk, 165.76E, h39km, mb5.5. NEIC 11 19:31:32.8, 1.2, 55.60Nk, 165.68E, h21km, mb5.4/138, MS4.9/77, MW5.5, Error ellipse: s-maj=4.5km, s-min=2.5km.

NEIC 11 19:31:32.0, 2.0, 55.61Nk, 165.67E, h2km, MB2.1 (LDG), MN2.1 (MDD), After LDG.

IDC 11 19:31:33.9, 0.7, 55.61Nk, 165.58E, h31km, mb4.9/17, mb1.5/19, mb1mx5.1/20, ML4.5/2, MS4.7/16, Ms1 4.7/16, ms1mx4.6/27, Error ellipse: s-maj=18.0km, s-min=11.8km, az=168.0.

ISC 11 19:31:30.2, 0.6, 55.61Nk, 0.02E, h15km, 4km, h2km, mb1.4, 4km; p-P, p678, t1903/703, mb5.4/197, MS4.9/127, 70C-7D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az\*, Phase ID, ISC, Time, Res, ISC. Rows include BKI Bering, KBTR Krutoberegovo, KBG Krutoberegovo, etc.

Table with columns: SMAR, Station Name, Time, Res, ISC. Rows include Somma, Uglovaya, Koryaka, Petropavlovsk, etc.

Table with columns: KLR, Station Name, Time, Res, ISC. Rows include Indian Mountain, Tiksi, Kodiak Island, Fire Island, etc.

Table with columns: Station Name, Time, Res, ISC. Rows include Indian Mountain, Tiksi, Kodiak Island, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KS15, INCN, SIT, DL2, DLBC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBS, COR, COR, SPA0, SPBA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BOZ, WCN, CHKZ, CMB, etc.

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Table with columns: FRB, Froisher Bay, 53.85, 27, LR, LR, 20 03 24.7, etc. Contains various station identifiers, coordinates, and data points.

Table with columns: ANMO Albuquerque, 60.86, 70c, P, P, 19 41 44.3 +0.2, etc. Contains various station identifiers, coordinates, and data points.

Table with columns: SIUC Harrisburg, 67.40, 56, eP, P, 19 42 25.5 -1.2, etc. Contains various station identifiers, coordinates, and data points.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like SOC comp=E,790nm,19.5s, MVR Rac Racibor, VIS Vishakhapatnam, UPG Ulice, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like GERES GERESS Array B, GIVF Givet, BUD Budapest, BAIF Baives, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MONÉ Monesi, LFF comp=Z,190nm,1.3s,MS5.3, SAOF Saorge, ASS Assisi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBI, ESPR, STKA, TATS, etc.

NEIC 11 21:25:57.0, 31.175:68.51W, h150km, MD4.0(GUC), After GUC

GUC 11 21:25:57.0, 31.175:68.51W, h150km, MD4.0, ML4.2, 3C-2D, San Juan Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMCH, TLL, ILCH, OVCH, etc.

NEIC 11 21:35:27.9, 38.73S:175.16E, h224km, mb3.71, After WEL

WEL 11 21:35:29.0, 0.4, 38.73S:175.17E, h214km, 3km, ML4.4/4, Error ellipse: s-maj=4.3km s-min=3.4km az=0.0

ISC 11 21:35:27.4, 0.6, 38.97S:0.04:175.10E, 0.07, h224km, 4km, n89, c0.96/115, mb3.61, 17C-4D, Northern Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OIZ, VRZ, MAU, MGZ, etc.

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

NNC 11 22:10:16.3:27.0, 36.18N:68.43E, mpv3.5, Error ellipse: s-maj=325.2km s-min=85.9km az=13.0

IDC 11 22:10:27.9:4.3, 37.27N:68.37E, mb3.9/7, mb1 4.0/9, mb1mx3.8/17, ML3.4/2, Error ellipse: s-maj=87.3km s-min=35.7km az=170.0

MOS 11 22:10:29.7:1.2, 37.14N:68.36E, h33km, mb4.1/8, Error ellipse: s-maj=26.4km s-min=12.3km az=77.9

NEIC 11 22:10:33.8:1.3, 37.27N:68.52E, h45km, mb3.8/2, Error ellipse: s-maj=23.4km s-min=16.3km az=202.0

ISC 11 22:10:31.2, 37.07N:0.09:68.4E, 0.1, h22km, 24km, n38, c1.01/39, mb3.9/7, 1C-3D, Afghanistan-Tajikistan border region

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

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

NNC 11 23:18:14.8:6.8, 42.10N:83.94E, mpv3.4, Error ellipse: s-maj=62.5km s-min=37.7km az=165.0

IDC 11 23:18:14.4:1.8, 41.91N:83.89E, mb3.8/3, mb1 3.8/6, mb1mx3.6/17, ML3.1/3, Error ellipse: s-maj=59.7km s-min=25.2km az=63.0

NEIC 11 23:18:16.0:1.3, 41.92N:83.86E, h10km, mb4.3/1, Error ellipse: s-maj=30.8km s-min=16.4km az=60.0

BUI 11 23:18:17.4, 4.1, 41.93N:83.54E, h18km, ML3.7

MOS 11 23:18:17.8:1.4, 42.11N:83.80E, h33km, mb4.5/2, Error ellipse: s-maj=50.1km s-min=17.1km az=97.6

ISC 11 23:18:11.8:0.9, 41.70N:83.25E, 0.09, h10km, n16, c1.84/17, mb3.8/4, 4C-4D, Southern Xinjiang

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

IDC 11 23:36:38.8:1.2, 2.09S:138.74E, mb4.2/3, mb1 4.4/4, mb1mx4.2/9, ML4.3/1, Error ellipse: s-maj=60.5km s-min=23.6km az=81.0

NEIC 11 23:36:44.6:7.7, 2.20S:138.74E, h40km, 62km, mb4.3/1, Error ellipse: s-maj=77.9km s-min=15.5km az=67.0

ISC 11 23:36:47.2:5.1, 2.35S:1.138E, 0.2, h78km, 47km, n14, c0.57/12, mb4.0/5, Irian Jaya

Code Station Name Az Phase ID Time Res h m s ISC

GENL Genova Univers 0.11 171 Op P 22 53 46.2 +3.3

PENL Pian Castagno 0.29 276 P Pg 22 53 44.5 -0.2

Code Station Name Az Phase ID Time Res h m s ISC

KAKA Kakadu 15m, 0.8s 11.96 210 Op P 23 39 35.6 -0.9

WRA Warramunga Arr 17.99 193 P P 23 40 54.7 +1.1





12d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WUAZ Wupatki, ULM Lac du Bonnet, PDAR Pinedale Array, etc.

KISR 12 03:26:00.7,0.7,32.00N-49.63E, h33km, MD4.0, mb4.1(NEIC)

IDC 12 03:26:03.6,5.0,32.45N-49.54E, mb3.7,9, mb1.4, 0/10, m1mx3.9/17, ML4.1/1, Error ellipse: s-maj=108.0km

MOS 12 03:26:05.8,1.5,32.34N-49.39E, h33km, mb4.3/1, Error ellipse: s-maj=49.6km s-min=18.0km az=110.7

SNSN 12 03:26:06.2,1.3,28.49N, 15E, h33km, mb4.3/1, Error ellipse: s-maj=49.6km s-min=18.0km az=110.7

ISC 12 03:26:03.0,0.6,32.00N-49.3E,0.1, h33km, n28, +1819.31, mb3.9, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBD Kabd, Umm Al-Ruwaisa, NAY Al-Naieem, etc.

NIED 12 03:38:00.45, 50N, 150.00E, h165km, Mw4.4 Best double couple: M3.83x10^15 NP1:phi=261°, delta=79°, lambda=118°

SKHL 12 03:38:15.7,0.2,46.30N-150.20E, h147km, 3km, mb5.1/4, msh6.0/3

MOS 12 03:38:15.9,1.1,46.43N-149.94E, h173km, mb4.4/2/9, Error ellipse: s-maj=12.2km s-min=7.0km az=88.0

IDC 12 03:38:18.6,2.5,46.42N-149.84E, h187km, 23km, mb3.7/23, mb1.3, 9/25, m1mx3.8/28, Error ellipse: s-maj=14.2km s-min=10.4km az=162.0

NEIC 12 03:38:19.2,1.3,46.52N-149.89E, h169km, gkm, mb4.5/29, Error ellipse: s-maj=22.6km s-min=7.1km az=171.0

JMA 12 03:38:20.0,5.45,47N-150.04E, h176km, M4.3

ISC 12 03:38:21.9,0.5,46.20N-107.149.90E,0.8, h183km, gkm, n153, r122/168, mb4.3/53, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, BVAR Borovoye Array, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, JMB Maruseppu, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YBH Yreka Blue Hor, JOENS Joensuu, etc.

NEIC 12 03:39:23.7, 19.81N-69.16W, h25km, MD3.7(RSPR), After RSPR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Isla Desecheo, Las Mesas, Maguayo, Lares, etc.

IDC 12 03:54:09.0.2.8.6.39S-130.56E, mb3.5/1, mb1 3.6/3, mb1mx3.6/7, ML2.6/2, MS4.0/2, Ms1 4.0/2, m1mx3.4/6, Error ellipse: s-maj=187.0km s-min=32.5km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, ASAR, ASAR, JOW, JNU, MKAR, etc.

NEIC 12 04:53:06.0.0.5.22.02S:68.31W, mb4.4/3, Error ellipse: s-maj=18.5km s-min=8.4km az=224.0, IDC 12 04:53:06.1.4.22.03S:69.49W, h127km, 5km, mb3.6/5, mb1 3.9/7, mb1mx3.7/11, MS3.0/1, Ms1 3.0/1, m1mx2.7/10, Error ellipse: s-maj=54.0km s-min=25.5km az=37.0, ISC 12 04:53:04.0.4.0.6.22.0S.0.1.68.3W.0.1, h123km, h123kmz:1.7km; p-P, n26, o098/25, mb4.2/10, 2C, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPaz, CPUP, VA03, OTAV, etc.

IDC 12 05:12:54.6:17.0, 12.29N:89.87W, mb3.5/4, mb1 3.8/4, mb1mx3.6/15, Error ellipse: s-maj=335.0km s-min=66.8km az=7.0, CASC 12 05:13:22.1:17.1, 13.94N:90.30W, h108km, 6km, MD4.0, ML3.9

ISC 12 05:13:21.0:4.5, 14.06N:0.09-29.25W, 0.06, h122km, 3km, 148, o093/63, mb3.8/3, 17C-18D, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IXG, PCG, TER, RBDL, GCG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FUG, MTOZ, BOQU, BOQUERON, PICS, etc.

IDC 12 06:14:10.9:3.2, 32.64S:178.96W, mb3.9/2, mb1 4.1/3, mb1mx4.0/9, ML2.6/1, Error ellipse: s-maj=69.9km s-min=46.5km az=112.0, ISC 12 06:14:12.5:2.9, 33.0S.0.1x178.7W.0.4, h33km, n7, o069/8, mb3.7/2, South of Kermadec Islands

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

IDC 12 06:22:58.0:7.2, 52.76N:174.40W, mb3.2/2, mb1 3.4/3, s-min=40.1km az=167.0, Andeanoff Islands

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

NEIC 12 07:05:41.9, 58.22N:151.30W, h29km, ML3.0(AEIC), After AEIC, IDC 12 07:05:42.2:4.7, 58.58N:152.02W, mb3.1/1, mb1 3.4/4, mb1mx3.3/17, ML3.1/3, Error ellipse: s-maj=74.5km s-min=28.8km az=89.0, ISC 12 07:05:59.5:0.8, 58.19N:0.05-151.18W, 0.07, h29km, 8km, 145, o065/50, mb3.0/1, Kodiak Island region

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

Table with columns: YKA, Yellowknife Ar, 18.43 61 P P 07 12 01d5 +7.2, TXAR, Lajitas Array, 43.47 111 P P 07 13 51.2 +10, TXAR, Lajitas Array, 43.47 111 P P 07 13 51.2 +10

NEIC 12 07:11:09.1:0.1, 0.8.26S:115.72E, h23km, 11km, Error ellipse: s-maj=19.1km s-min=9.1km az=146.0, DJA 12 07:11:10.5:0.4, 8.27S:115.73E, h15km, ML4.0/1, Error ellipse: s-maj=10.4km s-min=5.6km az=5.0, ISC 12 07:11:08.2:3.0, 8.25S:0.2-115.73E:0.09, h21km, 42km, n4, o035/8, 2C-6D, Bali region

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

NAO 12 07:11:22.9:6.1, 59.89N:5.31E, h22km, 37km, ML2.4, NEIC 12 07:11:24.5, 60.20N:5.08E, h14km, ML1.9(BER), After BER, BER 12 07:11:25.4, 60.22N:5.13E, h14km, MD2.2, ML1.9, MW1.9, ML2.4(NAO), Fault plane solution: NP1:9:116.32, 880.34, lambda=2.61, ISC 12 07:11:23.7:0.7, 60.22N:0.03-5.1E:0.1, h19km, 66km, n20, o090/45, 2C-10D, Southern Norway

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

IDC 12 06:14:10.9:3.2, 32.64S:178.96W, mb3.9/2, mb1 4.1/3, mb1mx4.0/9, ML2.6/1, Error ellipse: s-maj=69.9km s-min=46.5km az=112.0, ISC 12 06:14:12.5:2.9, 33.0S.0.1x178.7W.0.4, h33km, n7, o069/8, mb3.7/2, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ODD1, ODD1, ODD1, ODD1, etc.

IDC 12 06:22:58.0:7.2, 52.76N:174.40W, mb3.2/2, mb1 3.4/3, s-min=40.1km az=167.0, Andeanoff Islands

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

NEIC 12 07:05:41.9, 58.22N:151.30W, h29km, ML3.0(AEIC), After AEIC, IDC 12 07:05:42.2:4.7, 58.58N:152.02W, mb3.1/1, mb1 3.4/4, mb1mx3.3/17, ML3.1/3, Error ellipse: s-maj=74.5km s-min=28.8km az=89.0, ISC 12 07:05:59.5:0.8, 58.19N:0.05-151.18W, 0.07, h29km, 8km, 145, o065/50, mb3.0/1, Kodiak Island region

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

NEIC 12 07:11:36.1:1.6, 18.10S:178.23W, h54km, 20km, mb4.6/25, Error ellipse: s-maj=9.7km s-min=8.4km az=166.0, IDC 12 07:11:36.7:2.1, 18.26S:178.31W, h550km, 24km, mb4.2/12, mb1 4.4/12, mb1mx4.4/14, Error ellipse: s-maj=17.6km s-min=9.0km az=137.0, SYO 12 07:11:36.1, 18.10S:178.23W, h54km, MB4.6, BUJ 12 07:11:35.9:1.2, 18.24S:0.06-178.24W:0.06, h553km, 16km, n197, o121/105, mb4.6/45, 10C-13D, Fiji

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

12d 8h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ, MGZ, OIG, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SYO, LYO, SNA, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EVO, ESDC, BUJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHKZ Chkalovo, OBN Obninsk, GERES GRESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL 12 09:19:14.0, CBUJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 12 09:11:16.0, CBUJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 12 09:22:23.0, RSPR 12 09:22:23.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MGP Isla Desecheo, MDD 12 09:38:53.2, NEIC 12 09:38:57.1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 12 09:46:38.8, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 12 05:10:2.8, NEIC 12 05:21.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISK 12 10:10:47.8, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 12 10:22:10.4, GUC 12 10:22:10.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 12 10:42:34.1, JMA 12 10:42:34.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, CBIJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 12 10:56:39.1, IDC 12 10:56:39.3, etc.



Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like HIA Hailar, ANMO Albuquerque, and various other locations.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like EAB Aberfoyle, EAB EAB, and various other locations.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like KIC Kosan Boka, TIC Tournodi, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like LPAZ, OTAV, CPUP, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PBEJ, PALC, EGRO, EMIN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HHC, HHC, HHC, etc.



MS3.4
MAN F BASCO BATANES INTENSITY III.
MOS 12 13:32:46.3; 1.2, 2.0, 0.4N; 122.44E, h33km, mb4.6/1.6, Error ellipse: s-maj=20.0km s-min=8.9km az=109.4

NEIC 12 13:32:48.6; 1.0, 2.0, 0.8N; 122.55E, h38km, 10km, mb4.3/1.0, Error ellipse: s-maj=12.3km s-min=6.9km az=75.0

NEIC Felt (III PIVS) at Basco.
JMA 12 13:32:49.9; 0.3, 2.0, 0.6N; 122.51E, M4.8

BUI 12 13:32:59.7; 2.0, 7.9N; 121.53E, h37km, mb4.7, mb4.4, ML3.7, Ms3.9, Ms2.7

ISC 12 13:32:46.3; 0.3, 2.0, 1.4N; 0.02; 122.63E; 0.04, h34km, 4km, m11, c133/137, mb4.3/29, MS3.9/5, 2C-4D, Philippine

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from Basco to Gaotai.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from Ulanbator to Ulanbator.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from La Cruz to Oxford.

ISC 12 13:37:38.4; 1.8, 2.3, 3.3S; 179.40W, mb4.0/3, mbl 4.3/4, mb1mx4.1/9, ML4.5/1, Error ellipse: s-maj=64.4km s-min=34.7km az=161.0
ISC 12 13:37:41.9; 1.6, 2.3, 3.6S; 0.2; 179.4W; 0.3, h33km, m4, c0507/4, mb3.9/3, South of Fiji Islands

12d 14h

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Table with columns: JCT, Junction City, Elevation, Azimuth, Azimuth Error, Azimuth Precision, Azimuth Range, Azimuth Error Range, Azimuth Precision Range, Azimuth Range Error, Azimuth Precision Error, Azimuth Range Error Range, Azimuth Precision Error Range, Azimuth Range Error Range, Azimuth Precision Error Range.

Table with columns: CMB, Columbia Colle, Elevation, Azimuth, Azimuth Error, Azimuth Precision, Azimuth Range, Azimuth Error Range, Azimuth Precision Range, Azimuth Range Error, Azimuth Precision Error, Azimuth Range Error Range, Azimuth Precision Error Range.

Table with columns: SYO, Syowa Base, Elevation, Azimuth, Azimuth Error, Azimuth Precision, Azimuth Range, Azimuth Error Range, Azimuth Precision Range, Azimuth Range Error, Azimuth Precision Error, Azimuth Range Error Range, Azimuth Precision Error Range.

Table with 5 columns: Station, Name, Az, Phase, Time. Includes stations like URJZ, WCZ, KNZ, OUZ.

NNC 12 15:00:56.6:19.0,40.00N:72.14E,h5km,81km,mpv3.5, Error ellipse: s-maj=155.5km s-min=91.6km az=12.0

ISC 12 15:00:38.0:6.5,38.6N:0.5-71.5E,0.2,h10km,n13, 0563/13,3C-2D,Afghanistan-Tajikistan border region

Main table section 1: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like AML, UCH, EKS2, KZA, etc.

IDC 12 15:02:20.5:3.5,21.84S:169.22E,mb3.8/3,mb1 4/23, mb1mx4.0/7, Error ellipse: s-maj=212.0km s-min=33.0km az=159.0

NEIC 12 15:02:21.6:0.8,21.94S:169.31E,h10km,mb4.4/2, Error ellipse: s-maj=31.0km s-min=15.2km az=174.0

ISC 12 15:02:25.1:3.7,22.0S:0.3:169.2E,0.2,h46km,30km,n8, 0557/9,mb4.0/5,Southeast of Loyalty Islands

Main table section 2: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like DZM, WRA, FITZ, QSPA, etc.

NEIC 12 15:31:34.0:61.09N:138.07W,h1km,mb4.0/5, ML4.9(PGC), After PGC.

NEIC Felt at Haines Junction and Whitehorse. IDC 12 15:31:34.8:0.9,61.29N:137.77W,mb4.0/11,mb1 4.3/17, mb1mx4.3/21,ML4.2/6,MS3.0/3,Ms1 3.0/3,ms1mx2.9/23, Error ellipse: s-maj=22.4km s-min=10.2km az=50.0

PGC 12 15:31:34.1:61.09N:138.07W,h1km,ML4.9/2 PGC North of St. Elias Mountains Yukon Territory Felt (I) at Haines Junction and Whitehorse.

ISC 12 15:31:32.7:0.2,61.24N:0.02:137.63W,0.04,h1km,n9, 0112/126,mb4.3/19,3C,Southern Yukon Territory

Main table section 3: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like HYT, BCPM, PCA, PNL, etc.

Main table section 4: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like DAWY, GLB, BESE, BMRM, etc.

Main table section 5: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like DLBC, DAWY, GLB, BESE, etc.

Main table section 6: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like PMS, Palmer South, MCK, McKinley, etc.

Main table section 7: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like FSB, Fort Saint Jan, BBB, Bella Bella, etc.

Main table section 8: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like NLW, Nelson Butte, DPW, Davenport, etc.

Main table section 9: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like PDAR, Pinedale Array, ULR, Lac du Bonnet, etc.

Main table section 10: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like CHZK, Chkalovo, BVAR, Beaver Array, etc.

Main table section 11: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like MBWA, Marble Bar, KKM, Kota Kinabalu, etc.

Main table section 12: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like WRA, Warramunga Arr, WRA, Warramunga Arr, etc.

Main table section 13: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like BSI, Banda Aceh, BSI, Charters Tower, etc.

Main table section 14: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like SHL, Shillong, ZLH, Lanzhou, etc.

Main table section 15: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like ZAK, Zamakens, URZ, Urewera, etc.

Main table section 16: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like BOD, Bodaibo, KKR, Kararay, etc.

Main table section 17: Columns include Code, Station Name, Az, Phase, Time, Res. Lists stations like KURK, Kurchatov, BVAR, Borovoye Array, etc.

12d 17h

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

12d 16:18:44.1±5.8, 37.16N±58.19E, mb3.5/4, mb1 3.7/5, mb1mx3.6/14, ML3.9/11, Error ellipse: s-maj=118.0km, s-min=38.5km az=178.0

12d 16:18:47.8±3.6, 37.3N±0.5, 58.3E±0.2, h33km, n6, r13/6, mb3.7/3, Iran-Turkmenistan border region

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

HEL 12 16:34:59.1±0.2, 67.05N±20.96E, ML2.2, ML1.7(BER), ML2.0(NAO), Explosion, BER 12 16:34:59.8±4.2, 67.00N±20.98E, ML1.7, ML2.0(NAO), Suspected explosion, NAO 12 16:34:59.1±2.2, 67.00N±21.28E, ML2.0, ISC 12 16:34:56.3±0.6, 67.00N±0.03, 20.8E±0.1, n17, r13/33/31, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kautokeino, Sodankyl, MoI Rana, Tromso, Lofoten, ARCESS Array S, etc.

12d 16:35:16.6±1.1, 1.87S±69.65E, mb3.6/4, mb1 3.7/4, mb1mx3.7/9, MS3.4/1, Ms1 3.4/1, ms1mx3.1/13, Error ellipse: s-maj=46.2km s-min=28.4km az=26.0

NEIC 12 16:35:17.9±0.7, 1.72S±69.64E, h10km, mb4.0/1, Error ellipse: s-maj=20.8km s-min=16.9km az=22.0

ISC 12 16:35:15.1±0.1, 1.70S±1.69E±0.2, h10km, n15, r15/13, mb3.9/6, MS3.3/1, Carlsberg Ridge

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

2004 JAN

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

ISK 12 16:41:21.8, 36.34N±35.57E, h10km, MD3.8, IDC 12 16:41:24.4±19.0, 36.68N±35.71E, mb3.4/3, mb1 3.7/3, mb1mx3.5/12, Error ellipse: s-maj=503.0km s-min=39.2km az=11.0

NSSC 12 16:41:25.7, 36.37N±35.86E, h7km, 1km, GRAL 12 16:41:26.2±26.0, 36.44N±36.43E, h15km±99km, MD4.1, ISC 12 16:41:23.7±0.7, 36.43N±0.02, 35.74E±0.05, h6km±5km, n31, r09/6/43, mb3.5/2, 1C-8D, Turkey

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

ISC 12 16:47:59.0±2.3, 2.35N±126.94E, mb3.2/3, mb1 3.4/3, mb1mx3.4/8, Error ellipse: s-maj=187.0km, s-min=26.5km az=66.0, 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, MKAR Makanchi Array, etc.

STR 12 16:49:50.9±0.2, 43.11N±0.81W, h10km±1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, NEIC 12 16:49:51.6, 43.11N±0.80W, h10km, ML2.3(STR), ML2.2(LDG), MN1.8(MDD), After LDG.

MDD 12 16:49:51.9±0.4, 43.11N±0.81W, h14km±3km, mbLg1 8/7, Error ellipse: s-maj=4.2km s-min=1.7km az=20.0, PRXIMO LDG 12 16:49:51.6±0.1, 43.11N±0.80W, h10km, MD2.42, M12.2/1, Error ellipse: s-maj=3.3km s-min=1.4km az=16.0

ISC 12 16:49:50.8±0.5, 43.12N±0.05±0.81W±0.04, h21km±5km, n24, r08/20/35, Pyrenees

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

18nm, 0.2s, SNR=7.9

16nm, 0.1s, SNR=5.0

7.0nm, 0.3s

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

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

IGQ 12 16:54:00.2, 1.60S±78.02W, h189km±3km, mb4.1, 1C-11D, Error ellipse: s-maj=4.7km s-min=2.5km az=43.8

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

NEIC 12 16:54:41.2±5.1, 54N±175.82W, h25km, mb3.6/1, ML2.4(AEIC), After AEIC.

IDC 12 16:54:42.9±4.4, 51.79N±175.86W, h65km±41km, mb3.2/7, mb1 3.6/9, mb1mx3.6/19, ML3.8/2, Error ellipse: s-maj=42.1km s-min=15.8km az=158.0

ISC 12 16:54:40.3±0.8, 51.77N±175.88W±0.08, h57km±6km, n27, r08/2/31, mb3.5/7, Andronof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GSIG Igkitin Island, ETKA Kagalaska Isla, GSMY Great Sitkin M, etc.

ISC 12 16:55:33.0±14.0, 17.87N±145.49E, h429km±169km, mb2.9/6, mb1 3.2/6, mb1mx3.2/12, Error ellipse: s-maj=34.8km s-min=26.1km az=56.0

ISC 12 16:55:24.6±0.8, 18.0N±2.145E±0.3, h350km, n7, r02/2/7, Mariana Islands

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, MKAR Makanchi Array, etc.

IDC 12 17:13:15.5±0.8, 9.88N±126.18E, mb4.0/8, mb1 4.2/8, mb1mx3.4/12, MS3.4/1, Ms1 3.4/1, ms1mx3.0/14, Error ellipse: s-maj=51.9km s-min=20.0km az=75.0

NEIC 12 17:13:17.0±0.6, 9.85N±126.09E, h15km, Error ellipse: s-maj=37.3km s-min=13.8km az=74.0

ISC 12 17:13:17.2±0.6, 9.92N±0.05±126.46E±0.4, h15km, n35, r13/37/41, mb4.0/8, 1C-4D, Mindanao

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2, ENH, GYA, etc.

12d 17h: 16:58.9, 0.7, 21.935; 170.12E, mb4.87, mb1 5.0/8, mb1mx5.0/9, ML4.3/1, MS5.5/7, Ms 1.5, 5.7, ms1mx5.5/8, Error ellipse: s-maj=24.2km s-min=17.5km az=164.0

12d 17h: 17:02.5, 1.5, 21.995; 170.05E, h33km, mb5.2/23, MS5.4/12, Error ellipse: s-maj=13.0km s-min=11.3km az=105.5

12d 17h: 17:02.5, 1.5, 21.995; 170.05E, h33km, mb5.2/23, MS5.4/12, Error ellipse: s-maj=13.0km s-min=11.3km az=105.5

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

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

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

2004 JAN

12d 18h

Main table listing astronomical observations with columns for YAK, CRVS, NIE, PVL, KECS, RAC, etc. Includes various station names and coordinates.

IDC 12 17:23:27.8,5.4,21.69Sx169.76E,mb3.8/2,mb1 4.0/2, mb1mx3.9/7, Error ellipse: s-maj=220.0km s-min=57.6km az=152.0, Southeast of Loyalty Islands

NEIC 12 17:24:51.0,32.23N:115.42W,h7km,ML3.4(PAS),After PAS, ECX 12 17:24:52.2,0.5,32.28N:115.42W,h5km,MD3.6,ML3.7, 4C-4D, California-Baja California border region

WEL 12 17:47:32.2,0.6,47.45Sx165.67E,h33km,ML3.8/2,1D, Error ellipse: s-maj=8.2km s-min=4.2km az=90.0, Off west coast of South Island

IDC 12 18:07:23.3,3.1, 16.15Sx173.46W,mb3.8,mb1 4.2/3, mb1mx3.9/9,MS3.9/1,Ms1 3.9/1,ms1mx3.6/9, Error ellipse: s-maj=174.0km s-min=25.8km az=147.0, Tonga Islands

IDC 12 18:45:52.1,1.0,7.36S:68.55E,mb4.4/7,mb1 4.6/7, mb1mx4.3/10,MS4.7/1,Ms1 4.7/1,ms1mx3.6/28, Error ellipse: s-maj=40.4km s-min=21.2km az=40.0

ISC 12 18:14:51.9,3.6,7.41S:109.68E,0.1, h13km,22km,n73, e123/60,mb4.8/30,MS4.5/2, 4C-2D, Chagos Archipelago

Table listing station names and coordinates for various locations like WRA, ASAR, NVAR, ILAR, etc.

Table listing astronomical observations with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like MKAR Makanchi Array, FITZ Filizroy Crossi, WHN Wuhan, etc.

Table listing astronomical observations with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like TRQA Torquist, TXAR Lajitas Array, PDAR Schefferville, etc.

JMA 12 18:27:37.5-0.2, 44.01N, 147.95E, M4.0, Kuril Islands

Table listing astronomical observations for JMA Kuril Islands with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

IDC 12 18:39:33.6, 3.6, 7.20S; 109.44E, mb3.5/3, mb1 3.7/3, mb1mx3.6/8, Error ellipse: s-maj=210.0km s-min=25.9km az=49.0

DJA 12 18:39:38.3, 8.63Sx108.17E, h24km, MB3.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 12 18:39:39.4, 1.6, 8.55N; 102.106E, 0.2, h105km, 20km, n11, 2.80/11, mb3.3/3, Jawa

Table listing astronomical observations for Jawa with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like SINI Singah, KALI Kaliastana, KALI Kaliastana, etc.

WEL 12 19:02:31.3-0.3, 37.90Sx177.39E, h65km, 3km, ML3.7/3, 2C-1D, Error ellipse: s-maj=1.7km s-min=1.2km az=0.0, Off east coast of North Island

Table listing astronomical observations for WEL North Island with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like WIZ White Island, URZ Urewera, URZ Urewera, etc.

MEX 12 19:21:57.0-0.1, 6.178N, 100.07W, h5km, MD3.5, 1C, Near coast of Guerrero

Table listing astronomical observations for MEX Guerrero with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like ACX Acapulco, ACX Acapulco, CAIG El Cayaco, etc.

IDC 12 19:49:25.5-1.0, 5.9, 38N; 30.29W, mb3.8/12, mb1 4.0/13, mb1mx3.9/18, ML3.6/1, MS4.0/4, Ms1 3.9/4, Ms1mx3.4/26, Error ellipse: s-maj=31.7km s-min=14.2km az=1.0

MOS 12 19:49:26.1-1.2, 5.9, 47N; 30.31W, h10km, mb4.7/8, Error ellipse: s-maj=18.2km s-min=14.0km az=39.5

NEIC 12 19:49:27.4-0.4, 59.39N; 30.35W, h10km, mb4.6/10, Error ellipse: s-maj=16.4km s-min=6.6km az=195.0

ZUR\_RM 12 19:49:27.59, 39N, 30.35W, h9km, Mw4.5/7, Moment Tensor Solution. s7 Moment tensor: Scale 10^15Nm; Mr-4.48; Mw-2.09; Mxx6.56; Mxx2.48; Mxy2.66; Myr-3.35; Best double couple: M2.76x10^15 NP1\_φ=345°, δ36°, λ-128°. NP2\_φ=228°, δ44°, λ-36°. Principal axes: T: 7.893, P1g13°, Azm120°; N: -551, P1g34°, Azm33°; P: -7.341, P1g53°, Azm209°

ISC 12 19:49:25.9-0.4, 59.59N; 1.30, 40W, 0.1, h10km, n45, e19.42d, mb4.1/19, MS3.8/4, Reyknes Ridge

Table listing astronomical observations for Reyknes Ridge with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like ESK Eskdalemyri, FRB Frobrisher Bay, FRB Frobrisher Bay, etc.

Table listing astronomical observations with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like FLN La Foliniere, NOA NORSAR Array B, NOA NORSAR Array B, etc.

Table listing astronomical observations with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like PDAR Pinedale Array, HWUT Hardware Ranch, RWK Ridgway, etc.

JMA 12 19:50:35.0, 24.90N, 125.66E, h48km, 1km, M3.6, JMA Felti J1

IDC 12 19:51:03.0, 20.0, 27.14N, 125.13E, h183km, 202km, mb3.4/8, mb1 3.5/8, mb1mx3.4/17, Error ellipse: s-maj=61.3km s-min=18.5km az=64.0

ISC 12 19:50:34.7-0.7, 25.0N, 125.6E, 0.1, h52km, 68km, n20, e0.972/28, mb3.9/6, Southwestern Ryukyu Islands

Table listing astronomical observations for Ryukyu Islands with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like JOGS Gusukube, JOGS Gusukube, JMJ Miyako jima, etc.

MOS 12 19:59:03.2-0.8, 59.25N; 30.55W, h10km, mb4.9/25, Error ellipse: s-maj=1.0km s-min=10.0km az=121.1

IDC 12 19:59:04.3, 7.7, 59.31N; 30.40W, mb4.2/17, mb1 4.4/18, mb1mx3.3/21, ML3.6/1, MS4.1/1, Ms1 3.4/17, Ms1mx3.3/23, Error ellipse: s-maj=21.7km s-min=12.1km az=177.0

BJI 12 19:59:04.3, 59.99N; 31.14W, h10km, mb5.2, mb4.6, Ms4.6, Ms4.5

NEIC 12 19:59:05.0-0.3, 59.20N; 30.42W, h10km, mb4.9/25, MS4.6/6, Error ellipse: s-maj=9.5km s-min=4.3km az=194.0

ZUR\_RM 12 19:59:05, 59.20N, 30.42W, h9km, Mw5.0/8, Moment Tensor Solution. s8 Moment tensor: Scale 10^16Nm; Mr-3.20; Mw0.79; Mxx2.41; Mxx7.6; Mxx0.63; Myr-1.07; Best double couple: M3.15x10^16 NP1\_φ=3°, δ54°, λ-107°. NP2\_φ=211°, δ39°, λ-68°. Principal axes: T: 7.37, P1g7°, Azm105°; N: 833, P1g14°, Azm13°; P: -3.57, P1g74°, Azm224°

HRVZ 12 19:59:05.4-0.5, 59.27N; 30.35W, h12km, Mw4.9/59, Centroid moment Tensor Solution. LP body waves: s19, c24, Mantle waves: s59, c87; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr-2.73s; 15; Mw0.10s; 19; Mxx2.83t; 14; Mxx-0.46t; 75; Mw0.19t; 14; Mw-0.68t; 67; Best double couple: M2.9x10^16 NP1\_φ=175°, δ39°, λ-103°. NP2\_φ=12°, δ53°, λ-80°. Principal axes: T: 9.3, P1g7°, Azm95°; N: -0.05, P1g8°, Azm186°; P: -2.88, P1g79°

Table listing astronomical observations for HRVZ with columns for Code, Station Name, Δ, AZ, Phase ID, Time Res, h, m, s, ISC. Includes entries like MOS 12 19:59:03.2-0.8, 59.25N; 30.55W, h10km, mb4.9/25, Error ellipse: s-maj=1.0km s-min=10.0km az=121.1





Table with columns: MEZF, TCF, TCF, SSF, BGF, BGF, LOR, LOR, AVF, SMF, SMF, SPITS, HAU, HAU, CDF, HINF, CABF, ARCES, ARCES, ARCES, EVO, EVO, MOX, MOX, CLL, CLL, CLL, CLL, GRA1, GRF, GRF, GRF, GRF, GRF, GRF, ESDC, NKC, SMRF, KHC, FINES, FINES, FRF, FRF, FRF, DRC, DRC, ULF, ULF, FFC, FFC, YKA, YKA, YKA, YKA, YKA, YKA, YKA, YKA, IAR, IAR, IAR, PDAR, WMOK, HWUT, BILL, WUAZ, KURK, TPH, TXAR, OHCM, MKAR, MKAR, ULN, ULN, ULN, HHC, HHC, LZH, LZH, ASAR, STKA

MOS 12:20:03:05.2,0.7,59.28N,30.52W,h10km,mb4.7/24, Error ellipse: s-maj=15.5km s-min=10.7km az=126.5
IDC 12:20:03:05.7,0.8,59.34N,30.51W,mb4.2/15,mb1.4,4.1/17, mb1mx4.3/20,ML3.7/1,MS4.5/5,M1 4.5/5,ms1mx4.2/17, Error ellipse: s-maj=23.8km s-min=13.5km az=178.0
BUJ 12:20:03:06.5,59.30N,30.50W,h10km,mb4.5
NEIC 12:20:03:07.4,0.3,59.28N,30.45W,h10km,mb4.7/22, Error ellipse: s-maj=6.6km s-min=4.3km az=194.0
ZUR\_RM 12:20:03:07.59,29N,30.45W,h8km,Mw5.0/8, Moment Tensor Solution, s8 Moment tensor: Scale 1016Nm; M-3.16; Mw-0.41; Mw3.57; Mw-1.29; Mw1.22; Mw-0.70; Best double couple: M3.87x10^16 NP1,34°,856°,λ-67°, NP2,20.8°,840°,λ-121°. Principal axes: T=4.062,Plg6°, Azm108°; N=.383,Plg19°, Azm201°; P=-3.679,Plg69°, Azm355°;

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

Table with columns: ILAR, IMA, IMA, IMA, TIXI, TIXI, TIXI, PDAR, PDAR, SDCO, HWUT, BRVK, DAU, BILL, BILL, WUAZ, WUPATKI, KURK, KURK, TXAR, MKAR, MKAR, ULN, ULN, ULN, ULN, GTA, GTA, GTA, CPUP, CPUP, ASAR, ASAR, STKA

IDC 12:20:09:22.2,2.0,34.69N,32.09E,mb4.1/5,mb1.4/17, mb1mx3.9/15,ML3.9/2,Error ellipse: s-maj=56.2km s-min=28.0km az=59.0
ISK 12:20:09:22.9,34.62N,32.09E,h10km,MD3.9
GII 12:20:09:28.2,0.7,34.49N,32.15E,h25km,30km,mb4.0/1, ML3.0/1
NEIC 12:20:09:29.3,34.73N,32.13E,h25km,ML3.6(NIC),After NIC.
NEIC Felt [I] at Paphos.
NIC 12:20:09:30.0,2.3,34.73N,32.13E,h25km,mb4.0,ML3.6, MW3.9
NIC Felt earthquake; Maximum Intensity 2; Felt I-II MM at Pafos
GRAL 12:20:09:30.5,1.1,34.42N,32.50E,MD4.0
NSSC 12:20:09:32.7,34.49N,32.57E,h40km
SMSN 12:20:10:24.7,30.26N,33.71E,h10km,MJ2.0
ISC 12:20:09:24.2,2.0,33.44N,32.02E,mb4.0,32.01E,0.03,h25km,n67, s1506/92,mb4.0/5,4C-5D,Cyprus region

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



Table with columns for station name, frequency, power, and other technical details. Includes stations like JIRN, BVAR, BVAR, BRVK, BRVK, BRVK, TKMZ, KKN, ZRKN, INK, INK, GKN, KBK, KZA, USP, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, ARU, ARU, ARU, ARU, DLBC, SPITS, YKA, YKA, YKA, YKA, KEV, KEV, KEV, ARCES, ARCES, ARCES, HYB, HYB, HYB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, ABKT, ABKT, ABKT, OBN, OBN, OBN, FINES, FINES, FINES, VRSR, VRSR, VRSR, ASAR, ASAR, ASAR, KIV, KIV, KIV, TIS, GNI, GNI, GNI, HFS, HFS, HFS.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NB2, NB2, NOA, NOA, NOA, BOZ, FRB, FRB, TPH, DUG, PDAR, PDAR, ULM, OJC, CRVS, CRVS, PV10, MLR, MLR, MLR, DPC, RW3, CLL, CLL, CLL, VRAC, PRU, PRU, PRU, SMOL, SRO, KHC, GERES, GERES, GR1, GRF, GRF, GRF, GRF, RZN, VTS, VTS, ANMO, MMB, SKO, CDF, CDF, DAVOS, DAVOS, DAVOS, HAU, HAU, HAU, CABF, LOR, LOR, LOR, FLN, FLN, FLN, SSF, SSF, SSF, GRR, GRR, GRR, SMF, SMF, SMF, AVF, AVF, AVF, WMOK, MBDF, BLJS, DJNS, ORIF, ORIF, ORIF, TCF, VIVF, VIVF, VIVF, MFF, MFF, MFF, TXAR, TXAR, TXAR, FRF, FRF, LMR, LMR, LMR, CAF.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAF, CAF, LASF, LFF, LFF, MTLF, MTLF, EPF, EPF, EPF, ETSF, ETSF, LBTB, SYO, SYO, LPAZ, SNA, SNA, SNA, BJI, MOS, IDC, NEIC, ZUR, FRB, FRB, ROSF, ROSF, QUIF, QUIF, QUIF, SGMF, SGMF, SCHQ, SCHQ, FLN, FLN, FLN, GRR, GRR, GRR, NB2, NOA, NOA, NOA, LDF, LDF, LDF, MUD, MUD, MUD, BAIF, BAIF, BAIF, HFS, HFS, HFS, GVF, GVF, GVF, MEZF, TCF, TCF, TCF, SSF, SSF, SSF, BGF, LOR, LOR, LOR, LOR, LOR, LOR.

12d 21h

Table of station data for the 12d 21h period, including station names, coordinates, and various parameters like elevation and frequency.

2004 JAN

Main table of station data for January 2004, listing station names, coordinates, and operational details.

298

Table of station data for the 298 period, including station names, coordinates, and various parameters.



2004 JAN

Table with columns: Lcd, Ith, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lecca, Kendrickon, Motta San Giov, etc.

NEIC 13 01:01:59.7, 34.71N-24.40E, h14km, MD3.5(ATH), After ATH.

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

IDC 13 01:05:50.7-2.9, 8.41N-124.43E, mb3.7/3, mb1 4.0/3, mb1mx3.7/11, Error ellipse: s-maj=281.0km s-min=25.7km

MAN 13 01:05:51.0, 8.16N-123.31E, h9km, mb4.9, ML3.8, MS3.8

MAN F PAGADIAN CITY INTENSITY II, ISC 13 01:05:51.2-0.8, 8.15N-10.44-123.29E-0.05, h10km, 6km, n22, c19130, mb3.7/3, 4C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pagadian, Dipolog City, Sibulan, Cotabato-PC H, etc.

NEIC 13 01:13:36.3-1.6, 20.80S-178.48W, h556km, 19km, mb4.5/23, Error ellipse: s-maj=12.0km s-min=8.3km

BUI 13 01:13:36.0, 20.80S-178.50W, h555km, mb4.8, mb4.5

IDC 13 01:13:37.1-2.6, 21.02S-178.45W, h567km, 29km, mb4.0/9, mb1 4.3/10, mb1mx4.2/11, Error ellipse: s-maj=22.7km s-min=10.8km az=148.0

ISC 13 01:13:35.1-1.5, 20.86S-178.53W-0.06, h559km, 19km, n131, c08757, mb4.4/35, 7C-5D, Fiji Islands region

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

Table with columns: CTA, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Charters Tower, Port Moresby, Toolangi, etc.

NEIC 13 01:14:27.4, 37.51N-118.84W, h4km, ML3.8(NCEDC), After NCEDC.

NEIC Felt at Mammoth Lakes, IDC 13 01:14:34.4-3.3, 37.88N-118.79W, mb3.3/1, mb1 3.6/4, mb1mx3.5/16, ML3.4/2, Error ellipse: s-maj=51.2km s-min=34.0km az=3.0

ISC 13 01:14:27.1-1.4, 37.57N-118.76W-0.05, h12km, 13km, n32, c1921/32, mb3.2/2, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dease Lake, Colgate, Indian Mountain, etc.

MOS 13 01:19:57.8-0.7, 59.34N-30.57W, h10km, mb4.6/7, Error ellipse: s-maj=23.9km s-min=17.5km az=40.0

IDC 13 01:19:58.7-1.0, 59.48N-30.58W, mb3.9/10, mb1 4.1/11, mb1mx4.0/18, ML3.0/1, MS3.6/2, Ms1 3.7/2, ms1mx3.4/11, Error ellipse: s-maj=31.7km s-min=15.8km az=2.0

NEIC 13 01:19:59.5-0.7, 59.38N-30.52W, h9km, 57km, mb4.5/7, Error ellipse: s-maj=16.7km s-min=6.3km az=165.0

ZUR\_RM 13 01:19:59.59-38N-30.52W, h6km, Mw4.9/7, Moment Tensor Solution, s7 Moment tensor: Scale 1016Nm; M1=-2.75; M2=0.36; M3=2.40; M4=0.05; M5=0.67; M6=-0.47; Best double couple: M2=72x10^16 NP1=155.85; 850; lambda=92.7; Azm267.7; N=1.62; Plg2=1; P=2.798; Plg5=; Azm267.7

ISC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

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

Table with columns: UPC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ulice, Colim, Clausthal, etc.

NEIC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

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

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

IDC 13 01:19:58.0-0.5, 59.49N-1.30W-0.1, h10km, n36, c0623/34, mb4.1/15, MS3.7/4, Reykjanes Ridge

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRR, BAIF, GIVF, SSF, LOR, AVF, SJPF, CDF, ARCES, MOX, ESDC, FINES, ULM, YKA, YKA INK, ILAR, PDAR, CHXZ, TXAR, MKAR, GSPA.

IDC 13 01:21:09.7z 1.0, 59.42N x 30.47W, mb3.9/7, mb1 4.0/7, mb1mx3.8/17, Error ellipse: s-maj=30.3km s-min=21.7km

ISC 13 01:21:09.5z 0.9, 59.40N x 0.2x30.5W, h10km, n7, r0542/7, mb3.8/8, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESDC, FINES, YKA, ILAR, PDAR, MKAR, ROSC.

IDC 13 01:28:47.5z 1.0, 59.54N x 30.12W, mb3.9/9, mb1 4.1/9, mb1mx3.9/17, Error ellipse: s-maj=33.9km s-min=16.6km

ISC 13 01:28:47.1z 1.0, 59.55N x 0.2x30.6W, h10km, n9, r0542/9, mb3.8/8, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCHO, ARCES, ESDC, FINES, ULM, PDAR, MKAR.

IDC 13 02:00:55.3z 1.6, 11.115S x 123.08E, mb3.4/1, mb1 3.4/3, mb1mx3.4/6, ML2.2/2, Error ellipse: s-maj=218.0km

s-min=34.5km az=51.0, South of Timor

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

PRE 13 02:09:36.7z 1.0, 26.95S x 26.84E, h2km, ML4.0, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SEK, SLR, LEP, SBO.

BUI 13 02:41:20.9z 36.70S x 53.30E, h10km, mb4.8

IDC 13 02:41:20.4z 0.7, 36.66S x 53.35E, mb4.5/5, mb1 4.7/5, mb1mx4.5/7, Error ellipse: s-maj=38.9km s-min=24.0km

az=14.0

NEIC 13 02:41:21.9z 0.3, 36.75S x 53.30E, h10km, mb4.7/5,

MS4.3/1, Error ellipse: s-maj=16.6km s-min=11.1km

az=193.0

ISC 13 02:41:20.6z 0.4, 36.75S x 0.10x53.4E, 0.1, h10km, n41, r0576/26, mb4.7/16, MS4.3/1, 5C-1D, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOSA, SNA, VNA, VNA2, VNA1, VNA3, GSPA, QSPA, FITZ, ASPA, ASAR, KIC, LIC, TIC, STKA, WRA, SHL, LSA, TRQA, WMQ, WMO, GTA, MK31, MKAR, CPUP, ESDC, IMA, INK, PLAL, COLA, ILAR, MCK, PALMER, CCM, YKA, YKA, YKA, YKA, ULM, DLBO, TXAR, PDAR, NVAR, NVAR.

IDC 13 02:48:04.1z 2.8, 36.66S x 53.36E, mb3.6/3, mb1 3.8/3, mb1mx3.7/7, Error ellipse: s-maj=139.0km

s-min=39.4km az=39.0, South Indian Ocean

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

IDC 13 02:58:27.6z 3.0, 18.27S x 169.70E, mb3.9/4, mb1 4.2/4, mb1mx4.1/8, Error ellipse: s-maj=174.0km s-min=28.9km

az=153.0

ISC 13 02:58:58.1z 1.5, 18.95S x 0.2x169.3E, 0.2, h287km, g9km, n8, r0576/9, mb3.5/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVC, PVC, DZM, STKA, WRA, ASAR, ASPA, NVAR, ILAR.

IGQ 13 03:18:44.2z 1.74S x 79.96W, h6km, 3km, mb4.0, 2C, Error ellipse: s-maj=4.2km s-min=2.1km az=111.4, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOJA, IGUA, IGUA, QIL1, QIL1, PATA, ULBA, MAGD, PISA, MARY, NAS1, TAMB, VC1, JUA2, JUA2, CGGP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BGP, GGP, PINO, YANA, JONA, ANTI, CAYR, COTA, CAYA, ECEN.

IDC 13 03:22:29.4z 4.7, 59.21N x 30.57W, mb3.7/4, mb1 3.9/4, mb1mx3.6/17, MS3.3/1, Ms1 3.2/1, ms1mx2.9/20, Error ellipse: s-maj=149.0km s-min=25.7km az=178.0

ISC 13 03:22:29.3z 4.3, 59.33N x 1.0x30.5W, 0.3, h10km, n5, r0548/4, mb3.7/4, MS3.1/1, Reykjanes Ridge

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

NNC 13 03:24:11.4z 4.8, 0.36, 97N x 69.05E, h8km, 537km, mpv3.6, Error ellipse: s-maj=676.0km s-min=36.0km az=172.0

ISC 13 03:24:09.8z 3.9, 36.6N x 0.3x70.3E, 0.4, h25km, 56km, n7, r0588/9, 4C, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31, KOLN, AB31, AB31, GKN, KKN, PKI, JIRN.

NAO 13 03:58:51.3z 3.7, 77.28N x 17.36E, h5km, 35km, ML2.1

BER 13 03:58:55.9z 4.8, 77.47N x 17.88E, h17km, 25km, MD2.9, ML2.2, ML2.1 (NAO)

ISC 13 03:58:49.0z 1.4, 77.40N x 0.1x1.8E, h5km, n5, r05105/10, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPA0, KBS, KBS, KBS, BJO, BJO, ARA0.

WEL 13 04:09:32.3z 0.1, 42.34S x 174.04E, h12km, ML3.5/7, 7C-2D, Error ellipse: s-maj=1.1km s-min=1.1km az=90.0, Off east coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHZ, KHZ, CMWZ, BSZW, THZ, THZ, BHW, TCZO, NZSO, WEL, MRW, NNZ, OTW, MSWZ, LTZ, CAW, DIW, MIZ, MOZ, DSZ, QRZ, WFZ, RPZ, WAZ, TUZ, NGZ, ODZ.

CASC 13 04:17:36.5z 1.4, 13.14N x 89.99W, h28km, 3km, MD3.7, ML3.4, 5C-10D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBLS, SBLS, RTR, BOQS, BOQS, SNET, SNET, RBDL, LFRS, LFRS, LFU, LBR5, LBR5, LCBS, LCBS.











Table of astronomical observations with columns for code, station, name, time, magnitude, and other parameters. Includes entries like WRA, KAKA, FITZ, MBWA, QSPA, etc.

Table of astronomical observations with columns for code, station, name, time, magnitude, and other parameters. Includes entries like MDRJ, DRGI, ZFRI, etc.

Table of astronomical observations with columns for code, station, name, time, magnitude, and other parameters. Includes entries like BJI, BJT, HHC, ULN, etc.





Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes WARRAMUNGA ARR, ASAR Alice Springs, MKAR Makanchi Array.

IDC 13 13:09:12.3.5.2, 24.37N-108.68W, mb3.2/2, mb1 3.5/5, mb1mx3.5/16, ML3.4/3, Error ellipse: s-maj=84.3km

IDC 13 13:09:11.6.3.8, 24.3N, 108.6W, 0.2, h10km, n5, 0.87/6, mb3.1/2, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes TXAR Lajitas Array, TXAR MIRA, TXAR Pinedale Array, YKA Yellowknife Arr, ILAR Eielson Array.

DJA 13:09:02.5.0.9, 8.46S-114.68E, h133km, 6km, ML4.3/1, 3C-3D, Error ellipse: s-maj=23.8km s-min=11.2km

Code Station Name Az AZ Phase ID Time Res. Includes KELI Kelakatan, INGI Ingas, RATA Rata, KEDI Kedondong.

NEIC 13 14:00:05.6.0.8, 24.18N-108.96W, h10km, mb4.0/6, Error ellipse: s-maj=10.8km s-min=10.1km az=127.0

IDC 13 14:00:06.2.7.24, 47N-108.81W, mb3.9/5, mb1 4.2/9, mb1mx4.0/17, ML3.9/3, MS3.8/7, Ms1 3.8/7, ms1mx3.6/21, Error ellipse: s-maj=51.8km s-min=29.9km az=155.0

MEX 13 14:00:07.5.0.6, 25.09N-109.54W, h5km, MD4.7, IDC 13 14:00:09.4.0.4, 24.66N, 109.36W, 0.04, h10km, n39, 0.1314/42, mb3.8/6, MS3.9/6, 1C, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes LPIG La Paz, MAIG Mazatlan, ZACATECAS, TXAR Lajitas Array, TXAR MIRA, SFJM Santa Fe, SFJM Tucson, GDLZ Guadalupe Moun, LEMN Lemnit, BNM Barren Site, LANZ Ladron, AMO Albuquerque, WUAZ Wupatki, SDCO Great Sand Dun, RW3 Ridgway, PV10 Paradox Valley, MSU Marysville, MNV Mina.

NEIC 13 14:46:00.25.90N, 129.00E, h17km, Mw3.7, IDC 13 14:46:21.0.1.9, 26.95N-129.18E, mb3.6/3, mb1 3.8/3, mb1mx3.6/15, Error ellipse: s-maj=39.4km s-min=20.4km az=2.0

IDC 13 14:46:18.4.0.7, 25.89N, 105.129E, 0.04, h46km, n14, 0.87/23, mb3.1/1, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes JOW Kunigami, JOW Tamagusuku 2, Naha, Iheya, Aguni-jima, Tokunoshima, Minamidaito 2, Kume jima 2, Amami Oshima, Tarama, MKAR Makanchi Array, WARRAMUNGA ARR, ASAR Alice Springs, ILAR Eielson Array, MKAR Makanchi Array, NVAR MIRA.

IDC 13 15:08:07.7.1.7, 9.73S-160.18E, mb3.6/5, mb1 3.9/5, mb1mx3.9/8, Error ellipse: s-maj=87.3km s-min=26.0km az=141.0

IDC 13 15:08:11.4.1.7, 9.8S, 160.1E, 0.4, h33km, n5, 0.97/4.5, mb3.5/5, Bougainville, Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, MKAR Makanchi Array, NVAR MIRA, NEW Newport, NEW Fort Churchill, NEW Newport, NLM Nelson, ULW Lac du Bonnet, ULM, FCC Fort Churchill, YKA Yellowknife Arr, YKA, OTAV Otavalo, ROSC El Rosal, ILAR, ARCES, GERES, VRAC.

NEIC 13 14:17:27.9.39.65S, 174.43E, h171km, After WEL, WEL 13 14:17:28.8.0.4, 39.68S-174.46E, h161km, 3km, ML3.6/4, 4C, Error ellipse: s-maj=4.5km s-min=1.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, PKE Pukeiti, PKE Pukeiti, OIZ Oio, VPVZ Whakapapa, CNZ Chateau.

Table with columns: CNZ Chateau, TUZV Tukino, NGZ Ngauruhoe, NGZ Ngauruhoe, MGZ Maungakau, MGZ Maungakau, KAVZ Karewarewa, KAVZ Karewarewa, KATZ Karamaea, KATZ Karamaea, KATZ Karamaea, KIWA Kapiti Island, KIWA Kapiti Island, CANNON POINT, CAW Cannon Point, CAW Cannon Point, TCW Tory Channel, TCW Tory Channel, MRW Makara Radio, MRW Makara Radio, WEL Wellington, SNZO South Karori, SNZO South Karori, SNZO South Karori, OTW Orongorongo Tu, OTW Orongorongo Tu, MTW Mount Morrison, MTW Mount Morrison, BFZ Birch Farm, BFZ Birch Farm, NFZ Nelson, NFZ Nelson, NNZ Nelson, BHW Baring Head, BHW Baring Head, MSWZ Moutika Station, MSWZ Moutika Station.

IDC 13 16:04:22.4.3.5, 36.94N-12.40W, mb3.8/4, Error ellipse: s-maj=29.0km s-min=26.2km az=42.0, PRXIMO, IDC 13 16:04:23.9.2.3, 37.23N, 0.099-12.1W, 0.1, h10km, n11, 0.135/16, Azores-Cape St. Vincent Ridge

Code Station Name Az AZ Phase ID Time Res. Includes PTEO Sao Teotônio, PTEO Sao Teotônio, MOE Montemor, MOE Montemor, PBEJ Beja, EGRO El Granado, EGRO El Granado, EGRO El Granado, EGRO El Granado, EMIN, EMIN, ESPR, ESPR, ESPR, EHOH, EHOH, ELOB Lobos, ELOB Lobos, EADA, EADA, EADA, EADA, EAZA, EAZA, EAZA, EAZA.

MAN 13 16:12:46.2.13.70N, 124.93E, h17km, mb5.3, ML4.3, MS4.3, MAN F VIRAC CATANDUANES IV LEGASPI CITY III, BUI 13 16:12:46.2.13.70N, 124.87E, h38km, mb5.3, mb4.8, MS5.0, MS24.8, MOS 13 16:12:46.2.13.70N, 124.85E, h33km, mb5.2/28, MS4.8/11, Error ellipse: s-maj=13.9km s-min=6.4km az=116.0

NEIC 13 16:12:48.6.0.2, 32.48N-124.77E, mb5.0/32, MS4.7/2, Error ellipse: s-maj=8.5km s-min=4.9km az=70.0, NEIC Felt (IV PIVS) at Virac, Felt (III PIVS) at Legaspi, Luzon, HRVD 13 16:12:48.7.0.3, 32.48N, 124.87E, h14km, MW5.6/69, Centrod moment Tensor Solution. Lf body waves: s48c70,Mantle waves: s69c118; Half duration: t2 Mmo-10t; 0.2; Mw-0.53t; 0.2; Ms-0.50t; 0.5; Mw0.34t; 0.2; Ms1.20t; 0.4; Best double couple: m1.46x1017 NP1: 0.5144, 6.14, 1.77; NP2: 0.337, 0.76, 1.93; Principal axes: T1=42, P1g59, Azm251; N=08, P1g3; Azm156; P=-1.5, P1g1; Azm64; ns1a refers to body waves, cutoff=50s, ns2a refers to surface waves, cutoff=50s.

IDC 13 16:12:49.1.0.6, 13.54N-124.83E, h33km, mb4.6/12, mb1 4.7/13, mb1mx4.7/14, ML5.2/1, MS4.7/12, Ms1 4.7/12, mb1mx4.7/14, Error ellipse: s-maj=24.5km s-min=12.1km az=66.0

IDC 13 16:12:48.7.0.5, 13.57N, 124.81E, 0.04, h45km, L4km, h31km, 1.7km, np, n260, 0.16/289, mb5.0/70, MS4.8/31, 27C-8D, Luzon

Code Station Name Az AZ Phase ID Time Res. Includes PVCP Virac, PVCP Virac, CNP Catarman, MPMH Masbate, MPMH Masbate, BOP Borongan, BOP Borongan, GGP Guinayangan, GGP Guinayangan, OCLP Ormoc, OCLP Ormoc, RCP Rocas, RCP Rocas, OTRP Odiangan, OTRP Odiangan, POLP Polilio Island, POLP Polilio Island, POLP Polilio Island, POLP Polilio Island, LQP Lukan, LQP Lukan, LLP Luban-Lapu, LLP Luban-Lapu, LLP Luban-Lapu, MLP Maasin, MLP Maasin, GUJM Jordan, GUJM Jordan, GUJM Jordan, PGP Puerto Garcia, PGP Puerto Garcia, SJMP San Jose, SJMP San Jose, SJMP San Jose, SJMP Tagaytay City, SJMP Tagaytay City, TGY Tagaytay City, TGY Tagaytay City, TGY Tagaytay City, BALP Baler, BALP Baler, SCBP Surigao, SCBP Surigao, TBP Tagbilaran, TBP Tagbilaran, PCPH Palayan, PCPH Palayan, PCPH Palayan, AAP Anini-y, AAP Anini-y, CAUP Cauayan, CAUP Cauayan, LUPB Lubang, LUPB Lubang, CUYO Cuyo Island, CUYO Cuyo Island, BUSH Bush, BUSH Bush, BUSP Coron, BUSP Coron, BCPH Baguio City Da, BCPH Baguio City Da, CVP Callao Caves, CVP Callao Caves, DCPH Dipolog City, DCPH Dipolog City, DCPH Dipolog City, SCZP Santa Cruz, SCZP Santa Cruz, SCZP Santa Cruz, SCZP Santa Cruz, APYP Conner, APYP Conner, APYP Conner, APYP Conner, APYP Bolinao, APYP Bolinao, ABRA Dolores, ABRA Dolores, ABRA Dolores, ABRA Dolores, ENPP El Nido, ENPP El Nido, SZP Santa, SZP Santa, SZP Santa.

IDC 13 15:45:23.1.8.0, 24.97N-108.97W, mb1 3.5/3, mb1mx3.3/16, ML3.4/3, Error ellipse: s-maj=94.0km s-min=39.6km az=168.0, Gulf of California

Code Station Name Az AZ Phase ID Time Res. Includes TXAR Lajitas Array, TXAR MIRA, TXAR Pinedale Array, NVAR MIRA, PDAR Pinedale Array.

IDC 13 15:45:23.1.8.0, 24.97N-108.97W, mb1 3.5/3, mb1mx3.3/16, ML3.4/3, Error ellipse: s-maj=94.0km s-min=39.6km az=168.0, Gulf of California

Code Station Name Az AZ Phase ID Time Res. Includes ACX Acapulco, CAIG El Cayaco, PLIG Platanillo, PLIG Platanillo.

IDC 13 15:45:23.1.8.0, 24.97N-108.97W, mb1 3.5/3, mb1mx3.3/16, ML3.4/3, Error ellipse: s-maj=94.0km s-min=39.6km az=168.0, Gulf of California

Code Station Name Az AZ Phase ID Time Res. Includes TXAR Lajitas Array, TXAR MIRA, TXAR Pinedale Array, NVAR MIRA, PDAR Pinedale Array.

13d 16h

Table with columns for flight codes (e.g., PAGZ, DAV, KKM), destinations (e.g., Pagadian, Kota Kinabalu), times, and status indicators (e.g., eP, P, LR).

2004 JAN

Table with columns for flight codes (e.g., LZH, HHC, BTO), destinations (e.g., XS, AMB), times, and status indicators (e.g., eP, P, LR).

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Table with columns for flight codes (e.g., CLNS, MDRS, Urumqi), destinations (e.g., Chennai, Urumqi), times, and status indicators (e.g., eP, P, LR).



Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like SOKR Solikamsk, TNA Tin City, RPZ Rata Peaks, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like CRVS Cervenica-Dubn, NB2 NORARS Subarra, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like ASAR Alnice Springs, TIF 13 17:08:13.2, etc.

13d 18h

Table with columns: VAF, Ylistaro, 4.03 170, eP, Pn, 18 01 53.6 +0.9, etc.

MDD 13 18:07:18.7z 1.5, 36.83N, 9.62W, mb3.8/11, Error ellipse: s-maj=12.7km s-min=8.8km az=49.0, PRXIMO

NEIC 13 18:07:19.9z 36.93N, 9.51W, M2.6(MDD), After MDD.

INMG 13 18:07:21.1z 0.9, 36.80N, 9.59W, mb3.9/11, Error ellipse: s-maj=4.7km s-min=2.6km az=66.0

ISC 13 18:07:20.2z 1.2, 37.00N, 0.05E, 9.40W, h10, h12, h14, Error ellipse: s-maj=7.1km s-min=6.1km az=90.0

Code Station Name Az AzZ Phase ID Time Res h m s ISC

Main table for station data, including PTEO Sao Teotonio, PTEO Sao Teotonio, PBEJ Beja, etc.

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

2004 JAN

Table with columns: JOD2, Ryogami san, 2.13, 40, eS, S, 18 09 47.7 +1.3, etc.

NEIC 13 18:18:17.9z 1.3, 12.99N, 144.81E, h56km, 10km, mb4.6/4, Error ellipse: s-maj=15.7km s-min=12.1km az=110.0

NEIC Felt on Guam.

IDC 13 18:20:0.8z 1.8, 13.03N, 144.76E, h72km, 81km, mb4.1/12, mb1.4, 3/12, mb1mx4.2/16, MS3.9/5, Ms1.3/9.5, mms1mx3.6/19, Error ellipse: s-maj=37.3km s-min=16.6km az=92.0

ISC 13 18:20:16.8z 1.2, 12.97N, 0.10E, 144.7E, 0.1, h61km, 8km, n36, c106/30, mb4.5/15, 1D, South of Mariana Islands

Code Station Name Az AzZ Phase ID Time Res h m s ISC

Main table for station data, including GUMO Guam, HJH Hachijo jima 2, JOW Kumigami, etc.

13d 18h

Table with columns: ASAR Alice Springs, 34.02 188, P, P, 18 26 50.9 +0.1, etc.

ASAR Alice Springs, 34.02 188, P, P, 18 26 50.9 +0.1

ASPA Alice Springs, 34.02 188, eP, P, 18 26 50.7 -0.1

BJT Baijiatuu, 35.84 330, eP, P, 18 27 05.9 -0.2

BJT Baijiatuu, 35.84 330, eP, P, 18 27 05.9 -0.2

Code Station Name Az AzZ Phase ID Time Res h m s ISC

Main table for station data, including ASAR Alice Springs, ASPA Alice Springs, BJT Baijiatuu, etc.

Table with columns: FINES, comp-Z, 3.0nm, 0.8s, mb4.7, pmax, pmax, NEW Newport, 91.66 40 P, 18 33 14.1 +1.7, etc.

NEIC 13 18:34:16.0, 38.715S, 175.43E, h215km, After WEL 13 18:34:16.9-0.7, 38.685S-175.46E, h205km, gkm, ML3.5/2, 1C, Error ellipse: s-maj=8.3km s-min=8.1km az=0.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, etc. Includes stations like MGZ Maungaku, OIZ Oio, NGZ Ngaruhoe, etc.

IDC 13 18:48:07.1, 4.6, 6.67S, 85.59W, mb4.2/7, mb1 4.4/9, mb1mx4.3/14, ML3.3/2, MS3.4/2, Ms1 3.5/2, ms1mx3.3/16, Error ellipse: s-maj=84.5km s-min=22.1km az=53.0, NEIC 13 18:48:17.2-4.9, 6.42S, 85.10W, h68km, 43km, mb4.6/7, Error ellipse: s-maj=49.8km s-min=10.6km az=60.0, BUJ 13 18:48:19.5, 6.40S, 85.10W, h67km, ISC 13 18:48:11.7-0.6, 6.53S, 0.08-85.32W, 0.08, h33km, n26, c095/24, mb4.4/14, Off coast of northern Peru

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, etc. Includes stations like OTAV Otavalo, ROSC El Rosal, LPAZ La Paz, etc.

IDC 13 18:48:08.9, 1.2, 6.09S, 150.59E, mb4.5/7, mb1 4.7/7, mb1mx4.7/8, MS4.1/3, MS1 4.1/3, ms1mx3.8/10, Error ellipse: s-maj=61.0km s-min=22.7km az=126.0, MOS 13 18:48:13.1, 1.2, 6.09S, 150.61E, h33km, mb4.7/2, Error ellipse: s-maj=34.2km s-min=13.4km az=52.8, NEIC 13 18:48:14.7, 1.2, 6.35S, 150.77E, h41km, 10km, mb4.9/6, Error ellipse: s-maj=18.8km s-min=7.4km az=125.0, ISC 13 18:48:13.3-1.4, 6.42S, 0.07-150.9E, 0.1, h50km, 11km, n29, c1507/27, mb4.5/10, MS4.1/3, 1C, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, etc. Includes stations like KMBE Kimbe, RAB Rabaul, WAU Wau, etc.

Table with columns: WRA, 1.4nm, 0.8s, baz=45, slow=2.6, SNR=3.9, ASAR Alice Springs, 23.68 22 P, 18 53 22.5 +1.2, etc.

IDC 13 19:21:16.6, 1.0, 13.08N, 144.83E, mb3.8/5, mb1 4.1/5, mb1mx4.1/11, Error ellipse: s-maj=51.0km s-min=21.0km az=106.0, NEIC 13 19:21:24.2, 1.4, 13.02N, 144.74E, h53km, 12km, Error ellipse: s-maj=44.1km s-min=15.0km az=106.0, NEIC Felt on Guam, ISC 13 19:21:23.3, 1.3, 13.0N, 0.2-144.7E, 0.4, h63km, 11km, n8, c060/9, mb3.9/6, Mariana Islands

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

MOS 13 19:50:18.9, 1.1, 16.20N, 96.87W, h33km, mb5.2/9, Error ellipse: s-maj=17.5km s-min=7.3km az=94.3, NEIC 13 19:50:19.0, 1.2, 16.07N, 96.95W, mb5.1/69, MS4.3/42, MD5.1(MEX), Error ellipse: s-maj=4.5km s-min=2.8km az=203.0, BUJ 13 19:50:19.1, 16.10N, 96.90W, h29km, IDC 13 19:50:19.4, 0.7, 16.14N, 96.92W, h28km, 3km, mb4.6/16, mb1 4.8/17, mb1mx4.8/18, ML4.1/1, MS4.4/11, Ms1 4.4/11, ms1mx2.2/20, Error ellipse: s-maj=24.7km s-min=12.2km az=66.0, MEX 13 19:50:19.9, 1.0, 16.00N, 97.17W, h20km, 9km, MD5.1, HRVD 13 19:50:19.0, 1.0, 16.45N, 96.83W, h32km, 1km, MW5.1/41, Centroid moment tensor Solution. LP body waves: s28, c38, Mantle waves: s41, c56; Half duration: 0 Moment tensor: Scale 10^16Nm; Mw: 4.87; 38; Mw: 3.92; 28; Mw: 0.94; 31; Mw: 0.43; 31; Mw: 1.82; 19; Mw: 0.74; 45; Best double couple: Mo: 4.9; 10^16 Np1: 110; 841; 182; NP2: 301; 849; 197; Principal axes: T 4.97, P 433, Azm258; N: -1, 13, P165; Azm116; P: 4.84, P164; Azm26; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

ISC 13 19:50:17.0, 1.7, 5.0, 3, 16.07N, 0.03-97.05W, 0.02, h28km, h28km, gkm, pP-P, n268, c1505/248, mb5.0/81, MS4.4/48, 6C-3D, Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, etc. Includes stations like HUIG Huatulco, VHO Vista Hermosa, OXX Oaxaca, etc.

Table with columns: MOIG Morelia, 5.33 313 eP, Pn, 19 51 38.5 +1.2, COLM Colima, 7.04 297 eP, Pn, 19 52 02.0 +0.4, etc.



Table with columns for call sign, frequency, power, and other technical details. Includes stations like Nongplab, Puerto Princes, Nakhon Sawan, Kherberrin, Kakadu, Qiongzhang, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like Taiyuan, Kurukshetra, Gaotai, Jaisalmer, Baotou, Beijing, Kunming, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like Borovoye Array, Borovoye, Chkalovo, Zerenda, Yakutsk, etc.

BJI 13 20:08:24.0, 28.44AS:74.05E, h35km, mB5.4, Ms5.2, Ms2.7
MOS 13 20:08:24.7: 1.0, 27.65S:74.20E, h10km, mb5.5/5, Error

ellipse: s-maj=27.2km s-min=16.8km az=94.7
IDC 13 20:08:25.1,4,27.52S;74.25E,m4.94,mb1.5,1/4,
mb1mx4.77,MS4.7/3,MS1.4.7/3,ms1mx4.2/1.1,Error
ellipse: s-maj=60.2km s-min=23.5km az=29.0
NEIC 13 20:08:26.2,0.5,27.75S;73.90E,h10km,mb5.4/7,Error
ellipse: s-maj=17.3km s-min=12.1km az=221.0
HRVD 13 20:08:26.2,0.3,27.70S;73.90E,h12km,MW5.2/59,
Centroid moment Tensor Solution: LP body waves:
s2z,c29;Mantle waves: s59,c104; Half duration: 1s0
Moment tensor: Scale 10^19Nm; Mrr=5.38e-19;
Mss=1.96e-17; Mtt=3.41e-18; Mtr=1.71e-17; Mtr=2.49e-14;
Mtr=6.63e-08; Best double couple: M48.46x1016 NP1:
q=308; &27; lambda=137; NP2q=178; &72; lambda=70;
Principal axes: T7.36, P1g25, Azm253; N2.2, P1g19, Azm352; P
-9.57, P1g58; Azm116; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 13 20:08:24.6,0.6,27.8S,0.1x74.2E,0.1,h10km,n62,
o#096/47,mb5.2/21,MS4.9/5,2C-3D,Mid-Indian Ridge

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

IDC 13 20:09:45.8,0.6,12.42N;144.05E,mb4.8/13,mb1.4/9,13,
mb1mx4.8/17,MS4.3/5,MS1.4.4/5,ms1mx4.0/18,Error
ellipse: s-maj=28.6km s-min=16.7km az=96.0
BUJ 13 20:09:48.9,11.99N;144.42E,h66km,mb2.5,mb4.9,
Ms4.9,Ms24.7
MOS 13 20:09:48.3,0.9,12.31N;144.10E,h33km,mb5.1/13,Error
ellipse: s-maj=17.1km s-min=8.4km az=102.8
NEIC 13 20:09:51.0,1.6,12.32N;144.13E,h38km,mb14km,mb4.9/16,
Error ellipse: s-maj=11.8km s-min=6.5km az=94.0

ISC 13 20:09:49.4,1.1,12.25N;0.04x144.05E,0.6,h39km,10km,
h49km,1.6km;pP,1103,ci#03/101,mb5.0/49,MS4.5/13,
4C,Sum of Mariana Islands

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

comp=Z,10nm,1.0s,mb4.9,baz=8.1,slow=7.1,SNR=4.2
MKAR Makanchi Array 61.90 317 P P 20 20 07.5 +0.2
MKAR Makanchi Array 61.90 317 P P 20 20 07.5 +0.2

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

IDC 13 20:17:02.4,1.2,59.55N;30.53W,mb4.0/8,mb1.4/1.9,
mb1mx3.9/19,ML3.4/1,MS4.0/6,MS1.4.0/6,ms1mx3.6/19,
Error ellipse: s-maj=36.9km s-min=17.8km az=7.0
NEIC 13 20:17:03.9,0.7,59.58N;30.54W,h10km,mb4.5/1,Error
ellipse: s-maj=23.4km s-min=10.9km az=192.0

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like FINES, MVL, ULM, YKA, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like ASAR, DRV, WRA, YKA, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like KALI, PASI, PACI, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like VLS, LKD, RLS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like CSSN, BRY, RZN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like MLR, GOL, VOY, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like NEIC, MEX, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like LPIG, MAIG, ZAI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like ASAR, WRA, MKAR, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like ASAR, WRA, MKAR, etc.

Code Station Name Az Az2 Phase ID Time Res h m s Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, Res ISC. Rows include stations like KLB, GOA, LB, etc.

Table with columns: Station, Time, Azimuth, Elevation, Signal, and other parameters. Includes stations like Kashi, Ayunah, Al Bad', Tayyib Ism, Haqi, AlWS, QURIS, Lanzhou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Kishinev, Vrnicoia, Sverdiolovsk, etc.

Table with columns: Station, Time, Azimuth, Elevation, Signal, and other parameters. Includes stations like Zacatecas, Conchagua, Mazatlan, Hockley, etc.





Table of astronomical observations for 13d 21h, listing stations like FLN, LDF, MFF, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2004 JAN, listing stations like KHC, PRU, GEC2, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 320, listing stations like LATR, KLBR, CHAT, etc., with columns for station name, coordinates, and observation details.

MEX 13 21:39:29.1,0.15,19.50N-97.15W, h16km±20km, MD4.1, Near coast of Oaxaca. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NEIC 13 21:48:33.5, 16.07N-97.18W, h35km, MD4.2(MEX), After MEX.

MEX 13 21:48:33.4±1.2, 16.08N-97.19W, h35km±26km, MD4.2, Oaxaca. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

MOS 13 21:54:21.3±0.9, 22.64S:63.76W, h510km, mb4.9/6, Error ellipse: s-maj=18.9km s-min=11.8km az=104.1

NEIC 13 21:54:23.4±0.1, 22.88S:63.65W, mb5.2/11.7, Error ellipse: s-maj=3.7km s-min=3.1km az=104.0

BUI 13 21:54:23.4, 22.90S:63.60W, h535km, mb5.3, LDG 13 21:54:23.5±0.8, 21.76S:64.47W, h532km, Mb5.3/36, Error ellipse: s-maj=56.5km s-min=34.5km az=67.0

SYO 13 21:54:23.4, 22.86S:63.65W, h535km, MB5.2, HRVD 13 21:54:23.4±0.4, 23.16S:63.71W, h566km±30m, MW5.4/38, Centroid moment Tensor Solution. LP body waves: s38,c53; Half duration: 1s3 Moment tensor: Scale 10^17 Nm; M1=1.40±0.08; M2=0.08±0.13; M3=1.32±0.13; M4=0.08±0.13; M5=0.85±0.10; M6=0.05±0.16; Best double couple: M1.58x10^17 NP1=24°δ43°, λ=94°. NP2=209°, δ47°, λ=87°. Principal axes: T 1.75, P1g2°, Azm297°; N -34, P1g2°, Azm27°; P -1.4, P1g87°, Azm172°; nsta1 refers to body waves, cutoff=40s.

IDC 13 21:54:24.3±0.7, 22.71S:63.65W, h538km±5km, mb4.6/14, mb1.4/9.16, mb1mx4.6/18 Error ellipse: s-maj=25.5km s-min=11.5km az=51.0

ISC 13 21:54:21.6±0.5, 22.80S:0.03, 63.62W±0.04, h521km, gkm, h535km, 1.1km; p-P41, n432, ±0.93/341, mb5.1/145, 22C-75D, Salta Province

Table of astronomical observations for Salta Province, listing stations like CPUP, CPUP, CPUP, etc., with columns for station name, coordinates, and observation details.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like East Falkland, West Falkland, ROSC, TRN, GRW, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSUI, CFTV, JFWS, BNM, LPM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FFCB, YBH, ETOB, WALA, FARR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WTV, LTY, ERW, ETRA, etc.

13d 21h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WATA, FVI, DLBC, etc.

2004 JAN

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BVAR, WRA, WRR, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like NANT, CD2, TIA, etc.

NEIC 13 21:55:48.1, 16.05N-97.18W, h18km, MD3.9(MEX), After MEX

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

NEIC 13 21:55:54.7, 0.3, 58.66N-156.66W, h198km, 3km, mb4.2/6, Error ellipse: s-maj=6.6km s-min=3.9km az=135.0

ISC 13 21:55:53.6, 0.3, 58.64N-102.04W, 156.68W, 0.08, h204km, 3km, n90, r103/102, mb3.8/10, Alaska Peninsula

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SCHQ Schefferville, TXAR Lajitas Array, FINES FINESS Array B, etc.

NEIC 13 22:03:25.6, 16.04N-97.20W, h16km, MD4.0(MEX), After MEX.

MEX 13 22:03:25.6: 1.1, 16.04N-97.20W, h16km, 25km, MD4.0, 1D, Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PNIC Pinotepa, VHO Vista Hermosa, OXX Oaxaca, etc.

TAP 13 22:05:50.3, 23.74N-121.98E, h29km, ML4.0. JMA 13 22:05:50.4, 0.2, 23.78N-122.14E, h75km, M3.3

ISC 13 22:05:50.1, 2.0, 23.9N, 0.2, 122.1E, 0.1, h85km, 18km, n8, o546/15, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like YOJ Yonaguni jima, HATJ Hatj, JKRS Kuro-shima, etc.

MOS 13 22:25:57.6: 1.0, 42.10N-45.27E, h10km, mb4.2/1, Error ellipse: s-maj=11.4km s-min=9.4km az=175.1

TIF 13 22:25:58.5: 42.07N-45.12E, h12km, Mpw4.3/3. NNC 13 22:26:02.9: 6.1, 42.41N-45.64E, h33km, Error ellipse: s-maj=87.5km s-min=67.1km az=105.0

ISC 13 22:25:58.0: 0.4, 42.14N-0.03, 45.30E, 0.03, h10km, n25, o1919/44, 8C-7D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like T12 Plekhanov, MTA Mtsatshinda, TBLG Delisi, etc.

ARAK Arakani, ARKR Arkr, KRNR Karanay, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BUJR Buynaks, AKH Akhalkalaki, AMRG Amrg, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KUBR Kubataba, CHVG Ch'k'valeri, PYA Pyatigorsk, etc.

ISC 13 22:56:49.0: 2.9, 9.45S-120.30E, mb3.4/1, mb1 3.5/3, s-min1mx3.5/6, ML3.2/2, Error ellipse: s-maj=267.0km s-min=30.6km az=51.0, Sumba region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

DJA 13 23:16:40.5: 0.3, 8.43S-115.89E, h33km, MD4.7/3, 3C-4D, Error ellipse: s-maj=16.8km s-min=7.1km az=0.0, Bali region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KEDI Kedondong, KEDI KEDI, RATI Rati, etc.

BUI 13 23:16:58.6, 27.54N-92.28E, h10km, mb4.1, ML3.6, 1D, Eastern Xizang-India border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SHL Shillong, AGH Agartala, WMO WMO, etc.

NEIC 13 23:27:01.7, 38.47S-176.15E, h108km, After WEL. WEL 13 23:27:01.9: 0.2, 38.47S-176.14E, h106km, 1km, ML3.7/4, Error ellipse: s-maj=1.5km s-min=1.1km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PATZ Paeroa, RATZ Rangitukia, RATZ Rangitukia, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like URZ Urewera, URZ Urewera, OIZ Oiz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VRR Vera Road, VRR Vera Road, KNZ Kokohu, etc.

STR 13 23:56:22.1: 6.0, 48.32N-6.71E, h5km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 13 23:56:22.0: 4.8, 27N-6.60E, h11km, ML2.0(LDG), After LDG

LDG 13 23:56:22.0: 1.4, 28.27N-6.60E, h1km, M1.8/2, M12.0/3, Error ellipse: s-maj=1.3km s-min=1.2km az=65.0

ISC 13 23:56:20.0: 0.6, 48.29N-0.04, 6.60E, 0.04, h14km, 6km, n9, o1920/20, France

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HAU Haudompre, ECH Echery, HINF Hinterfeld, etc.

NEIC 14 00:12:17.4: 0.5, 20.41S-69.25W, mb3.6/3, Error ellipse: s-maj=20.1km s-min=10.2km az=63.0

ISC 14 00:12:17.4: 1.2, 20.39S-69.22W, h96km, 7km, mb3.8/6, mb1 4.1/8, mb1mx4.0/11, MS3.0/2, Ms1 3.0/2, ms1mx3.0/10, Error ellipse: s-maj=42.0km s-min=25.8km az=57.0

ISC 14 00:12:15.8: 0.6, 20.40S-0.07, 69.2W, 0.1, h95km, h95km, 1.0km, pP-N, 2, az=111.21, mb3.9/8, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LAPA La Paz, LAPA La Paz, CPUP CPUP, etc.

TXAR Lajitas Array, 59.58 325 P P, 0.3m, 0.5s, mb3.6, baz=157, slow=8.0, SNR=8.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TXAR Marysval, MSU Marysval, PDAR Pinedale Array, etc.

IDC 14 00:34:18.4: 22.0, 36.96N-72.28E, h165km, 130km, mb3.4/5, mb1 3.4/7, mb1mx3.3/14, ML3.2/2, Error ellipse: s-maj=13.0km s-min=36.1km az=0.0

ISC 14 00:34:24.0: 4.0, 37.38N-0.05, 72.1E, 0.2, h208km, 10km, n20, o577/24, mb3.4/5, 1C-1D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

MOS 14 00:34:50.4: 1.2, 32.84N-88.46E, h33km, mb4.4/3, Error ellipse: s-maj=31.6km s-min=9.8km az=108.7

NEIC 14 00:34:52.6: 6.1, 3.32, 73N-88.49E, h44km, 13km, mb4.1/3, Error ellipse: s-maj=13.4km s-min=7.7km az=55.0

ISC 14 00:34:50.7: 0.9, 32.68N-0.05, 88.48E, 0.07, h43km, 11km, n40, o593/40, mb4.1/12, MS3.6/5, 3C-1D, Xizang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LSA Lhasa, JIRN Jiri, KKN KKN, etc.

IDC 14 00:34:46.0: 0.7, 32.65N-88.58E, mb4.0/11, mb1 4.2/12, mb1mx4.2/15, ML3.3/1, MS3.7/6, Ms1 3.7/6, ms1mx3.5/16, Error ellipse: s-maj=27.3km s-min=17.5km az=52.0

BUI 14 00:34:49.9, 32.87N-88.37E, h43km, mb4.0, Ms4.2, Msz3.9

MOS 14 00:34:50.4: 1.2, 32.84N-88.46E, h33km, mb4.4/3, Error ellipse: s-maj=31.6km s-min=9.8km az=108.7

NEIC 14 00:34:52.6: 6.1, 3.32, 73N-88.49E, h44km, 13km, mb4.1/3, Error ellipse: s-maj=13.4km s-min=7.7km az=55.0

ISC 14 00:34:50.7: 0.9, 32.68N-0.05, 88.48E, 0.07, h43km, 11km, n40, o593/40, mb4.1/12, MS3.6/5, 3C-1D, Xizang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LSA Lhasa, JIRN Jiri, KKN KKN, GKN Gorkha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR Tirane, TIR BRY Bratogost, EIL Etat, etc.

NEIC 14 01:09:16.0, 35.58N, 120.80W, h5km, ML3.7 (NCEDC), After NCEDC, Central California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISA Isabella, LKC Lake Chabot, SAC San Andreas, etc.

NEIC 14 01:09:39.0, 2.2, 122.86S, 122.79E, h76km, 28km, Error ellipse: s-maj=23.6km s-min=15.9km az=151.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, KAKA Kakadu, etc.

NEIC 14 01:05:24.8, 8.08S, 108.04E, h83km, MB3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

NEIC 14 01:05:26.2, 4.7, 9S, 0.2, 107.9E, 0.1, h106km, 20km, n10, c051/10, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SINGI Singah, KALI Kaliastana, PACI Pancar Gunung, etc.

NEIC 14 01:05:40.5, 1.1, 19.49N, 95.55E, h10km, Error ellipse: s-maj=27.4km s-min=11.6km az=216.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHG Chiang Mai, CM31 Chiang Mai Arr, BDT Bhumbol Dam, etc.

TAP 14 01:37:30.4, 24.62N, 121.29E, h8km, ML3.7

NEIC 14 01:08:32.0, 3.2, 42.47N, 19.91E, h10km, MD2.1 (PDG), After PDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVP Plav, IVA Berane, TTG Podgorica, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR Tirane, TIR BRY Bratogost, EIL Etat, etc.

NEIC 14 01:09:16.0, 35.58N, 120.80W, h5km, ML3.7 (NCEDC), After NCEDC, Central California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISA Isabella, LKC Lake Chabot, SAC San Andreas, etc.

NEIC 14 01:09:39.0, 2.2, 122.86S, 122.79E, h76km, 28km, Error ellipse: s-maj=23.6km s-min=15.9km az=151.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, KAKA Kakadu, etc.

NEIC 14 01:05:24.8, 8.08S, 108.04E, h83km, MB3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SINGI Singah, KALI Kaliastana, PACI Pancar Gunung, etc.

NEIC 14 01:05:26.2, 4.7, 9S, 0.2, 107.9E, 0.1, h106km, 20km, n10, c051/10, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SINGI Singah, KALI Kaliastana, PACI Pancar Gunung, etc.

NEIC 14 01:05:40.5, 1.1, 19.49N, 95.55E, h10km, Error ellipse: s-maj=27.4km s-min=11.6km az=216.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHG Chiang Mai, CM31 Chiang Mai Arr, BDT Bhumbol Dam, etc.

TAP 14 01:37:30.4, 24.62N, 121.29E, h8km, ML3.7

NEIC 14 01:08:32.0, 3.2, 42.47N, 19.91E, h10km, MD2.1 (PDG), After PDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVP Plav, IVA Berane, TTG Podgorica, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TYC Yuchr, TYC WNT Mingjian, EIL Etat, etc.

NEIC 14 01:50:45.4, 0.2, 19.85S, 70.28W, mb4.5/10, Error ellipse: s-maj=12.1km s-min=5.4km az=67.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPZA La Paz, LPZA baz=332, slow=23, SNR=1.6, LPZA baz=2, 535mm, 20.0s, baz=215, slow=44, etc.

NEIC 14 01:50:45.3, 19.85S, 70.28W, h7km, MB4.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPZA La Paz, LPZA baz=332, slow=23, SNR=1.6, LPZA baz=2, 535mm, 20.0s, baz=215, slow=44, etc.

NEIC 14 01:50:45.3, 19.85S, 70.28W, h7km, MB4.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPZA La Paz, LPZA baz=332, slow=23, SNR=1.6, LPZA baz=2, 535mm, 20.0s, baz=215, slow=44, etc.

NEIC 14 01:20:57.6, 7.1, 41N, 101.37W, h6km, MD4.0 (MEX), After MEX

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACX Acapulco, PLIG Platanillo, etc.

NEIC 14 01:37:30.4, 24.62N, 121.29E, h8km, ML3.7

NEIC 14 01:37:37.0, 2.2, 24.62N, 121.30E, 0.02, h3km, 3km, n46, c092/80, 7C-8D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK Sanguang, NSK Nan Shan, NNS Nioudou, etc.

NEIC 14 01:37:30.4, 24.62N, 121.29E, h8km, ML3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK Sanguang, NSK Nan Shan, NNS Nioudou, etc.

NEIC 14 01:37:30.4, 24.62N, 121.29E, h8km, ML3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK Sanguang, NSK Nan Shan, NNS Nioudou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, WRA Warramunga Arr, ZRNC Zerenda, MKAR Makanchi Array, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCX San Cristobal, CCIG Comitán, CMIG Matias Romero, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSLP Maasin, PLP Palo, BPA Borongan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPB Codrington, CPB Bogy Peak, BPA Boga, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, ASAR Alice Springs, ASPA Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEY Cerknica, LJU Ljubljana, TRI Trieste, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LEGS Legarje, CRES Cresnjevec ost, DRE Drenchia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOLS Golise, BAD Bernardia, GMINA Gemona, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GMINA Gemona, LSS Lussari, PTCC Patocco-Chiusa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BISS Bistriksi jare, MPRI Monte Prate, MPRI Paularo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FVI Forni Avoltri, URZ Urewera, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, PDAR Pinedale Array, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ARCES ARCESS Array B, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, RLS Rioli of Patr, IGT Igoumenitsa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, UJICE Ujice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL Colim, OKC Ostrava-Krasne, NKCC Novy Kostel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Rioli of Patr, VLS Valsamata, EVR Eryvntia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, LKR Lokris, JAN Janina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

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

14d 9h

Table with columns: STKA, Stephens Creek, 63.15 138 eP, P, 06 31 34.3 +0.2

BJI 14 06:48:11.2, 12.00S; 166.60E, h60km, mb4.7
NEIC 14 06:48:12.2, 0.1, 11.95S; 166.60E, mb4.7/12, Error ellipse: s-maj=13.0km s-min=8.1km az=138.0

Santa Cruz Islands

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

IDC 14 07:11:1.13, 12.6, 48.40N; 153.34E, mb3.8, mb1 4.0/8, mb1mx3.9/18, MS3.2/1, Ms1 3/3.1, ms1mx2.8/2.1, Error ellipse: s-maj=75.3km s-min=22.9km az=173.0

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

IDC 14 07:26:59.1, 8.5, 17.60N; 101.41W, mb3.5, mb1 3.8/4, s-min=110.1km az=105.0, Error ellipse: s-maj=180.0km s-min=110.1km az=105.0

NEIC 14 07:27:16.2, 18.54N; 101.78W, h70km, MD4.2(MEX), After MEX.
MEX 14 07:27:16.2, 0.0, 18.54N; 101.78W, h70km, MD4.2
ISC 14 07:27:14.9, 0.0, 18.54N; 101.79W, h103.7, h37km, 9km, n20, o1518/29, mb3.3/3, Guerrero

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

2004 JAN

Table with columns: PLIG, Santa Fe, 2.27 329 iS, S, 07 28 17.6 +2.2

NEIC 14 07:32:40.7, 15.31N; 94.19W, h16km, MD4.0(MEX), After MEX.
MEX 14 07:32:40.7, 0.4, 15.31N; 94.19W, h16km, MD4.0, Near coast of Oaxaca

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

NEIC 14 07:33:15.7, 0.7, 50.38N; 18.97E, h5km, Error ellipse: s-maj=12.1km s-min=6.9km az=154.0
WAR 14 07:33:16.7, 50.23N; 18.0E, ML2.7, Mining Induced
IDC 14 07:33:18.2, 2.7, 50.31N; 19.1E, mb1 3.8/4, mb1mx3.5/14, ML3.0/4, Error ellipse: s-maj=40.8km s-min=10.0km az=135.0

PRU 14 07:33:18.9, 50.25N; 18.86E
ISC 14 07:33:19.3, 0.5, 50.34N; 0.04, h18.95E; 0.04, n23, o1543/42, Poland

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

DJA 14 07:41:20.9, 6.67S; 107.92E, h314km, MB4.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Jawa

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

SKHL 14 07:48:44.9, 0.5, 51.21N; 133.06E, h5km, mb3.6/3, Southeastern Siberia

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

326

Table with columns: BMKR, 5.0nm, 0.5s, AMB, AMB, 07 50 05.9

NIED 14 07:50:00.36, 70N; 142.00E, h20km, Mw3.9, Best double couple: Mc6.97x1014 NP1=1.55, 878N; 1.16. NP2: o239, 674; 1.16-7

JMA 14 07:50:31.0, 0.0, 3.36, 74N; 141.97E, h20km, 3km, M3.8
ISC 14 07:50:31.4, 2.5, 36.75N; 109.142, 0E; 2, h20km, n9, o577/11, 12, Near east coast of eastern Honshu

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

IDC 14 08:23:06.7, 1.9, 15.43S; 179.77W, mb3.7/6, mb1 4.1/6, mb1mx4.0/9, Error ellipse: s-maj=128.0km s-min=23.6km az=152.0

ISC 14 08:23:44.0, 1.8, 15.75S; 0.8x179.8E; 0.4, h350km, n6, o571/6, mb3.2/6, Fiji Islands

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

IDC 14 08:55:27.8, 3.4, 15.21S; 179.78W, mb3.9/3, mb1 4.2/3, mb1mx4.0/9, Error ellipse: s-maj=192.0km s-min=33.9km az=146.0, Fiji Islands region

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

IDC 14 08:55:31.7, 0.9, 7.99S; 127.58E, mb4.0/3, mb1 4.3/5, mb1mx4.3/7, ML4.3/2, Error ellipse: s-maj=93.7km s-min=24.9km az=63.0

NEIC 14 08:55:39.2, 1.7, 6.75S; 128.13E, h43km, 19km, mb4.1/2, Error ellipse: s-maj=20.4km s-min=16.4km az=218.0
ISC 14 08:55:39.7, 1.8, 7.91S; 0.07, 128.32E; 0.10, h94km, 18km, n18, o596/20, mb3.9/4, Banda Sea

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

IDC 14 09:04:10.9, 7.1, 17.39S; 177.34W, h335km, 72km, mb4.3/4, Error ellipse: s-maj=35.5km s-min=17.6km az=164.0
IDC 14 09:04:11.6, 3.1, 17.52S; 177.34W, h343km, 31km, mb3.8, mb1 4.1/8, mb1mx4.1/10, Error ellipse: s-maj=33.4km s-min=11.7km az=144.0

ISC 14 09:04:09.1, 3.2, 17.25S; 0.3x177.5W; 0.2, h324km, 34km, n19, o577/18, mb4.1/12, Fiji Islands region

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, MKAR Makanchi Array, etc.

NEIC 14 09:04:31.5, 2.9, 23.51S, 179.95E, h568km, 35km, mb4.6/6, Error ellipse: s-maj=18.8km s-min=9.8km az=194.0

IDC 14 09:04:32.5, 2.6, 22.31S, 179.46E, h547km, 26km, mb3.3/6, mb1 3.7/7, mb1mx3.7/9, Error ellipse: s-maj=97.0km s-min=12.7km az=160.0

ISC 14 09:04:31.9, 2.2, 23.6S, 0.1x179.9E, 0.1, h582km, 202km, n21, e1501/18, mb4.1/1, 1D, South of Fiji Islands

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

IDC 14 09:17:25.8, 1.9, 15.28S, 179.65W, mb4.0/6, mb1 4.4/6, mb1mx4.2/9, MS4.0/5, Ms1 4.0/5, ms1mx3.6/14, Error ellipse: s-maj=123.0km s-min=25.0km az=152.0

ISC 14 09:17:29.6, 1.6, 15.3S, 0.7x179.8W, 0.4, h333km, n9, e0577/6, mb3.9/6, MS4.0/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, WRA Warramunga Arr, etc.

IDC 14 09:30:15.0, 0.9, 15.11S, 179.70W, mb3.8/8, mb1 4.1/8, mb1mx4.1/10, Error ellipse: s-maj=41.7km s-min=20.4km az=139.0

NEIC 14 09:30:16.7, 0.5, 15.08S, 179.74W, h10km, mb4.5/1, Error ellipse: s-maj=19.9km s-min=11.4km az=122.0

ISC 14 09:30:18.0, 0.7, 15.1S, 0.1x179.8W, 0.2, h333km, n11, e0411/11, mb3.8/9, Fiji Islands region

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

NEIC 14 09:48:18.9, 1.9, 5.02S, 129.32E, h240km, 19km, mb4.6/8, Error ellipse: s-maj=16.6km s-min=13.1km az=87.0

IDC 14 09:48:19.8, 2.8, 5.12S, 129.12E, h249km, 25km, mb3.8/2, mb1 4.2/4, mb1mx4.1/8, Error ellipse: s-maj=83.0km s-min=11.7km az=70.0

ISC 14 09:48:14.6, 1.4, 4.90S, 0.05x129.3E, 0.1, h213km, 14km, n21, e0862/6, mb4.2/9, 2C, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR 0.2nm, 0.3s, baz=351, slow=24, SNR=5.8, STKA Stephens Creek, etc.

NEIC 14 09:55:08.0, 66.62N, 149.60W, h10km, ML3.5(AEIC), After AEIC, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, MCK McKinley, PML Sawmill, etc.

HEL 14 09:59:46.7, 0.3, 64.70N, 30.67E, ML2.1, Explosion IDC 14 09:59:46.5, 1.9, 64.70N, 30.62E, mb1 3.0/4, mb1mx2.9/15, ML2.6/4, Error ellipse: s-maj=27.2km s-min=7.4km az=102.0

ISC 14 09:59:44.4, 1.0, 64.69N, 0.04x30.7E, 0.2, n10, e115/15, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSF Maaselka, KJF Kajaani, KJN Joensuu, etc.

IDC 14 10:13:11.9, 1.6, 24.22N, 109.09W, mb4.1/8, mb1 4.2/11, mb1mx4.1/9, ML3.8/3, Error ellipse: s-maj=30.4km s-min=26.9km az=64.0

NEIC 14 10:13:13.8, 1.3, 24.22N, 109.06W, h10km, mb3.9/2, Error ellipse: s-maj=20.6km s-min=14.2km az=221.0

ISC 14 10:13:12.5, 1.1, 24.30N, 1.1x108.77W, 0.08, h10km, n26, e110/31, mb4.0/8, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTX Lajitas, TXAR Lajitas Array, TXAR Tucson, etc.

IDC 14 10:16:39.0, 1.9, 0.38S, 125.02E, mb3.3/3, mb1 3.5/3, mb1mx3.5/8, Error ellipse: s-maj=187.0km s-min=26.8km az=63.0, Southern Molucca Sea

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

NEIC 14 10:21:31.5, 0.9, 24.16N, 108.79W, h10km, mb4.0/2, Error ellipse: s-maj=12.5km s-min=9.0km az=196.0

ISC 14 10:21:32.6, 4.1, 24.30N, 1.0x108.70W, 0.08, h27km, 29km, n22, e084/22, mb3.5/4, MS3.5/2, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTX Lajitas, TXAR Lajitas Array, TXAR Lajitas Array, etc.

NEIC 14 10:43:07.4, 1.5, 6.69N, 72.97W, h173km, 12km, Error ellipse: s-maj=30.3km s-min=13.8km az=96.0

IDC 14 10:43:07.3, 2.4, 6.73N, 72.96W, h169km, 18km, mb3.6/7, mb1 3.8/8, mb1mx3.6/16, Error ellipse: s-maj=45.9km s-min=19.1km az=95.0

ISC 14 10:43:06.5, 2.4, 6.69N, 0.3x72.9W, 0.4, h188km, 28km, n14, e036/11, mb3.8/7, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, ROSC, OTAV Otavalo, etc.

NEIC 14 10:46:51.6, 2.4, 24.04N, 108.92W, h10km, mb3.8/3, Error ellipse: s-maj=33.3km s-min=15.4km az=187.0

IDC 14 10:46:51.3, 3.9, 24.17N, 109.07W, mb4.0/5, mb1 4.2/8, mb1mx4.0/18, ML3.4/3, Error ellipse: s-maj=66.0km s-min=30.7km az=166.0

ISC 14 10:46:51.6, 4.7, 24.22N, 0.2x108.8W, 0.1, h15km, 30km, n20, e094/22, mb3.9/5, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TXAR Tucson, TXAR Tucson, etc.

NEIC 14 10:55:47.9, 0.5, 24.04N, 108.97W, h10km, mb4.4/22, Error ellipse: s-maj=7.6km s-min=5.2km az=221.0

IDC 14 10:55:47.1, 0.9, 24.24N, 109.03W, mb4.3/10, mb1 4.4/13, mb1mx4.4/17, ML4.0/3, MS3.7/7, Ms1 3.7/7, ms1mx3.6/18, Error ellipse: s-maj=24.5km s-min=16.6km az=74.0

ISC 14 10:55:47.2, 0.6, 24.16N, 0.05x108.88W, 0.5, h10km, n92, e1906/91, mb4.3/16, MS3.7/5, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTX Lajitas, TXAR Lajitas Array, TXAR Tucson, etc.

Table with columns: TXAR, comp=, 0.6m, 0.3s, baz=224, slow=29, SNR=3.2, LR, P, 10 59 59.3. Includes stations like Tucson, Guadalupe Moun, LEMN, BNM, JCT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, NVAR, TXAR, MOS, HRVD, SYO, ISC, etc.

Table with columns: KSH, eXP, sP, 11 38 32.5 +7.9, etc. Includes stations like KSH, KSH, KSH, KSH, KSH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, PDAR, WRA, ILAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRB, WRAB, WRAB, etc.

Table with columns: KSH, eXP, sP, 11 38 32.5 +7.9, etc. Includes stations like KSH, KSH, KSH, KSH, KSH, etc.



14d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DLBC Dease Lake, INK Inuvik, ILAR Eielson Array, etc.

IDC 14 12:19:11.6±1.9, 15.49S-179.56W, mb3.6/6, mb1.4/0.6, mb1mx3.9/9, MS3.3/2, Ms1 3.3/2, ms1mx3.7/7, Error ellipse: s-maj=131.0km s-min=25.1km az=152.0

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

NIED 14 13:11:00, 42.50N-145.20E, h32km, Mw3.7 Best double couple: M0.5x10^14 NP1φ±23°, δ65°, λ65°. NP2φ±251°, δ35°, λ132°

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JAK Akkeshi, NEMZ Nemuro 2, NEMZ Nemuro, etc.

MOS 14 13:11:36.9±1.5, 44.13N-140.93E, h7km, mb4.3/1.1D, Error ellipse: s-maj=26.3km s-min=12.7km az=179.7, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMR Gum-Bashi, SOC Sochi, SOC Sochi, etc.

MAN 14 13:19:01.9, 11.19N-124.67E, h5km, mb4.0, ML2.9, MS2.5, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OCLP Ormoc, PLP Palo, BESP Borongan, etc.

IDC 14 13:26:55.2±3.9, 17.87S-178.32W, h490km, 45km, mb3.7/11, mb1 3.9/11, mb1mx3.9/13, Error ellipse: s-maj=23.8km s-min=17.1km az=150.0

NEIC 14 13:26:56.9±3.4, 17.83S-178.39W, h509km, 38km, mb4.2/10, Error ellipse: s-maj=17.9km s-min=13.8km az=160.0

BJJ 14 13:26:56.9±17.80S-178.40W, h509km, mb4.4

ISC 14 13:26:56.2±0.4, 17.95S-0.1-178.4W, 0.1, h509km, n57, s=1502/30, mb4.1/21, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, WRAB Tennant Creek, WRA Warramunga Arr, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BJT Baijituau, ENK Enshi, MCK McKinley, etc.

comp=2.1, 0.0nm, 0.8s, mb4.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, LTX Lajitas, TXAR Lajitas Arr, etc.

comp=2.3, 0.7nm, 1.1s, mb3.9, b2az=219, slow=5.9, SNR=18

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ARU Arti, ARCES ARCES Array B, ARCES ARCES Array B, etc.

NEIC 14 13:27:55.1, 19.22N-104.30W, h50km, MD4.0(MEX), After MEX

MEX 14 13:27:55.1±0.6, 19.22N-104.30W, h50km±13km, MD4.0, 2C, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like COLM Colima, CJM Chamela, CGM Ciudad Guzman, etc.

IDC 14 13:33:49.4±1.9, 16.75S-172.36W, mb3.8/5, mb1.4/2.5, mb1mx4.1/11, Error ellipse: s-maj=121.0km s-min=24.1km az=151.0

ISC 14 13:33:52.4±2.1, 16.9S-0.8-172.3W, 0.5, h33km, n5, s=058/5, mb3.8/5, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 14 14:04:30.1±0.8, 15.34S-173.37W, mb4.1/8, mb1.4/5.8, mb1mx4.1/12, MS3.8/4, Ms1 3.8/4, ms1mx3.7/11, Error ellipse: s-maj=46.1km s-min=19.1km az=139.0

NEIC 14 14:04:31.8±0.4, 15.31S-173.42W, h10km, mb4.6/8, Error ellipse: s-maj=20.9km s-min=8.9km az=139.0

ISC 14 14:04:30.3±0.6, 15.3S-0.2-173.5W, 0.2, h10km, n29, s=059/25, mb4.3/16, MS3.9/4, Tonga Islands

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

comp=2.6, 0.7nm, 1.9s, MS4.0, baze=70, slow=30

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Arr, TXAR Lajitas Arr, TXAR Lajitas Arr, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HRY Holter Researc, DAW Dawson, INK Inuvik, etc.

IDC 14 14:43:6.2±1.5, 30S-151.21E, mb3.7/3, mb1.4/0.3, mb1mx3.8/7, Error ellipse: s-maj=155.0km s-min=29.0km az=126.0

NEIC 14 14:43:51.7±1.7, 5.18S-150.89E, h59km, 25km, Error ellipse: s-maj=152.0km s-min=10.6km az=134.0

ISC 14 14:44:02.5±8.6, 3.4S-0.0-152.4E, 0.3, h30km, 36km, n6, s=1518/4, mb3.8/3, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAB Rabaul, RAB Rabaul, PMG Port Moresby, etc.

NIED 14 14:40:00, 22.80N-121.50E, h87km, Mw3.9 Best double couple: M0.9x10^14 NP1φ±107°, δ84°, λ-115°. NP2φ±55°, δ25°, λ-13°

TAP 14 14:40:40, 1.2297N-121.31E, h22km, ML4.2 TAP Feil IV J at Chenggung, I J at Taitung

JMA 14 14:40:7.0±0.4, 22.85N-121.46E, h71km, M3.8

ISC 14 14:40:39.1±0.5, 22.89N-0.02-121.48E, 0.03, h15km, 6km, n6, s=100/93/95, 15D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CHKT Chengkung, CHKT CHKT, TAIT Taitung, etc.

ISC 14 14:40:39.1±0.5, 22.89N-0.02-121.48E, 0.03, h15km, 6km, n6, s=100/93/95, 15D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WTA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 14 14:23:59.9±1.9, 24.32S-115.75W, mb3.7/4, mb1.4/1.4, mb1mx3.8/13, MS3.6/2, Ms1 3.6/2, ms1mx3.4/4, Error ellipse: s-maj=67.6km s-min=37.4km az=36.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, CPUR Villa Florida, etc.



14d 16h

Table with columns: YKA, PDAR, NVAR, ULM, TXAR, MKAR. Rows include station names, times, and various codes.

MAN 14 16:43:48.5, 10.49N, 121.93E, h26km, mb5.1, ML4.1, MS4.2

MAN F ANINI-Y ANTIQUE INTENSITY V. IDC 14 16:43:52.0, 4.9, 10.42N, 122.64E, h38km, 45km, mb3.6/5, mb1 3.8/5, mb1mx3.7/11, ML4.7/1, Error ellipse: s-maj=70.1km s-min=18.6km az=72.0

ISC 14 16:43:48.5, 1.3, 10.43N, 121.90E, 0.06, h29km, 12km, n24, c0.93/27, mb3.8/5, 2C-1D, Panay

Main table for station data on the left side, including columns for Code, Station Name, Az, Op, Phase ID, Time, Res, and ISC.

DHMR 14 16:58:44.3, 2.7, 27.67N, 52.43E, h11km, 400km, mb5.4

KISR 14 16:58:44.9, 0.5, 27.72N, 52.62E, h33km, MD5.0, mb5.4(NEIC)

THR 14 16:58:47.2, 0.3, 28.05N, 52.34E, h15km, ML5.1

BGS 14 16:58:47.0, 1.9, 26.95N, 52.03E, h25km

NEIC 14 16:58:48.2, 0.2, 27.70N, 52.40E, mb5.4/113, Error ellipse: s-maj=5.4km s-min=3.3km az=18.0

NEIC Minor damage to some buildings in the Firuzabad area. BUI 14 16:58:48.1, 27.70N, 52.40E, h12km, mb5.5, mb5.4, MS5.0, MS4.9

HRVD 14 16:58:48.2, 0.3, 27.54N, 52.17E, h12km, mb5.1/58, Centroid moment Tensor Solution. LP body waves: s31, c38, Mantle waves: s58, c99; Half duration: 0 Moment tensor: Scale 10^19Nm; Mir4.25; 12; Mse-4.00; 11; Mse-0.25; 13; Mse3.63; 43; Mse2.11; 10; Mr-1.37; 48; Best double couple: M6.02x10^16 NP1, 294; 346; 186; NP2, 119; 344; 194. Principal axes: T 5.67, Plg70; Azm173; N 69, Plg2; Azm113; P-6.36, Plg20; Azm203; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 14 16:58:48.1, 27.70N, 52.40E, h12km, MB5.4

ZUR\_RM 14 16:58:48.2, 7.0N, 52.40E, h12km, Mw5.2/8, Moment Tensor Solution. s8 Moment tensor: Scale 10^16Nm; Mre4.9; Mse-5.33; Mse-1.15; Mse-0.29; Mse2.78; Mse-0.18; Best double couple: M6.61x10^16 NP1, 294; 346; 186; NP2, 119; 344; 194. Principal axes: T 6.501, Plg87; Azm133; N 219, Plg3; Azm296; P-6.72, Plg1; Azm26; MOS 14 16:58:49.6, 1.0, 27.70N, 52.31E, h33km, mb5.6/41, MS4.3/18 Error ellipse: s-maj=6.9km s-min=3.7km az=112.8

IDC 14 16:58:50.4, 1.6, 27.69N, 52.42E, h26km, 9km, mb5.2/22, mb1 5.3/23, mb1mx5.3/23, ML4.3/1, MS4.3/16, ms1mx4.2/27, Error ellipse: s-maj=17.5km s-min=12.7km az=46.0

DUSS 14 16:59:18.2, 4.9, 27.51N, 50.31E, h15km, MS5.4

ISC 14 16:58:46.5, 0.7, 27.62N, 52.29E, 0.02, h13km, 4km, h17km, 1.8km, p-P, n623, c191/656, mb5.4/201, MS4.5/53, 115C-25D, Southern Iran

Main table for station data on the left side, including columns for Code, Station Name, Az, Op, Phase ID, Time, Res, and ISC.

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Main table for station data in the middle, including columns for station names, times, and various codes.

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Main table for station data on the right side, including columns for station names, times, and various codes.







Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Tiksi, Las Canadas, Yakutsk, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like YKA, Palmer South, Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KOLN, KOLDANDA, GORKHA, etc.

14d 20h

Table of station data for 14d 20h, including columns for station name, coordinates, and various parameters like SNR and elevation.

Table of station data for 14d 20h, continuing from the previous table with station names like WRA, WRA, WRA, etc.

Table of station data for 14d 20h, including station names like ARCES, WRA, ASAR, ILAR, YKA, etc., and their respective parameters.

IDC 14 20:13:25.64.4, 23.232:66.61W, h197km, 33km, mb3.4/4, mb1 3.7/6, mb1mx3.6/10, Error ellipse: s-maj=78.1km s-min=20.1km az=51.0

ISC 14 20:13:24.71.7, 23.45.0:1.66.6W.0.3, h208km, 19km, n11, 0.652/11, mb3.5/4, Jujuy Province

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include LPAZ, CPUP, TRQA, TXAR, PDAR, ULM, YKA, WRA, MKAR.

SKHL 14 20:16:53.1+0.2, 54.08N x 135.65E, h12km, 2km, mb3.9/4, IC, Southeastern Siberia

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include EKMR, GRNR, BMKR, YASR, ZEA, KROS, TYV, KLR.

IDC 14 21:46:25.84.6, 49.18S x 126.19E, mb3.7/2, mb1 3.9/2, mb1mx3.8/4, MS3.9/2, M1 3.9/2, ms1mx3.6/7, Error ellipse: s-maj=371.0km s-min=69.7km az=99.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include ASAR, WRA, ASAR, ASAR, TGY, MKAR.

IDC 14 21:56:13.5.5.7, 6.91S:128.54E, h48km, 79km, mb3.3/1, mb1 4.1/3, mb1mx3.9/6, ML3.8/2, Error ellipse: s-maj=123.0km s-min=37.4km az=74.0, Banda Sea

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include WRA, WRA, ASAR, ASAR, TGY, MKAR.

TAP 14 22:44:43.4, 21.39N:119.44E, h65km, 2km, ML4.0, Taiwan region

NEIC 14 22:46:25.1.3.5, 23.88N:108.68W, h10km, mb4.4/1, Error ellipse: s-maj=48.3km s-min=23.5km az=168.0

IDC 14 22:46:31.8.5.6, 24.81N:108.94W, mb3.6/3, mb1 3.9/5, mb1mx3.7/16, ML3.7/2, Error ellipse: s-maj=95.3km s-min=29.2km az=156.0

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include LPG, LTX, TXAR.

Table with columns: TXAR, TXAR, TXAR, GDLE, LENM, LAZ, NIEN, PDAR, MCMT, LCCM, CHMT, NIEN, NEW, NEW, YKA, YKA, ILAR, ILAR.

NEIC 14 22:48:36.2.2, 24.21N:02.108.4W, 0.2, h10km, n18, 0.1500/17, mb4.0/7, Gulf of California

IDC 14 22:48:38.2.6.8, 24.61N:109.51W, mb4.0/6, mb1 4.2/7, mb1mx4.0/16, ML3.5/1, Error ellipse: s-maj=123.0km s-min=51.0km az=6.0

Table with columns: TXAR, GDLE, LENM, LAZ, ANMO, PDAR, MCMT, LCCM, HRYT, NEW, NEW, NLW, ULM, YKA, YKA, SCHG, INK, ILAR, RES.

IDC 14 23:00:10.2.1.4, 13.79N:125.38E, mb3.8/4, mb1 3.9/4, mb1mx3.7/12, ML4.9/1, Error ellipse: s-maj=47.9km s-min=21.1km az=57.0

MAN 14 23:00:13.8, 13.67N:124.92E, h19km, mb4.5, ML3.4, MS3.2

NEIC 14 23:00:19.9.4.2, 13.52N:124.92E, h70km, 36km, mb4.1/2, Error ellipse: s-maj=55.4km s-min=10.6km az=63.0

ISC 14 23:00:12.3.0.6, 13.71N:104.125.03E, 0.0, h19km, n27, 0.697/33, mb3.9/6, 1D, Philippine Islands region

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include PVCP, PVCP, CNP, BESP, ALQP, POLP, POLP, OTRP, LQP, MSPL, BALP, TGY, TGY.

CAUP, LUBP, CUYO, PAGZ, WARRAMUNGA ARR, LSA, ULN, ASAR, MKAR, MKAR, MKAR, BVAR, BRVK, CHKZ, ZRNK.

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include CAUP, LUBP, CUYO, PAGZ, WARRAMUNGA ARR, LSA, ULN, ASAR, MKAR, MKAR, MKAR, BVAR, BRVK, CHKZ, ZRNK.

NEIC 14 23:47:04.8.0.8, 32.74S x 178.97W, mb5.1/4, Error ellipse: s-maj=19.8km s-min=14.5km az=127.0

IDC 14 23:47:06.6.1.2, 32.67S:179.14W, h105km, 7km, mb4.6/2, mb1 4.9/2, mb1mx4.4/7, Error ellipse: s-maj=36.6km s-min=17.7km az=117.0

ISC 14 23:47:06.6.2.6, 32.65S:1.179.8W, 0.2, h79km, 25km, n19, 0.989/17, mb4.9/6, IC, South of Kermadec Islands

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include PUZ, URZ, URZ, URZ, URZ, URZ, URZ, URZ, URZ, URZ.

Table with columns: QSPA, ARCES, ARCES, KAF, FINES, FINES, FINES, FINES, NOA, NOA, HFS.

NEIC 14 23:50:18.5.1.6, 24.24N:108.90W, h10km, mb4.0/2, Error ellipse: s-maj=24.0km s-min=14.8km az=168.0

IDC 14 23:50:20.6.2.5, 24.73N:108.90W, mb4.2/8, mb1 4.3/11, mb1mx4.2/18, ML4.2/2, MS3.4/2, M1 3.4/2, ms1mx3.1/20, Error ellipse: s-maj=48.2km s-min=25.2km az=161.0

ISC 14 23:50:19.6.1.4, 24.6N:0.1x108.81W, 0.0, h10km, n32, 0.1505/35, mb4.1/8, MS3.4/2, Gulf of California

Table with columns: LTX, TXAR.

IDC 14 23:50:19.6.1.4, 24.6N:0.1x108.81W, 0.0, h10km, n32, 0.1505/35, mb4.1/8, MS3.4/2, Gulf of California

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include LTX, TXAR.

JMA 15 00:02:19.8.0.6, 44.71N x 148.31E, h138km, M4.5, Kuril Islands

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include NEM2, NEM2, JRA, JNK, JAK, JAK, JTKR, JAR, JJK2, JCH, JCH, JNK, JKB, JOT.

NEIC 15 00:10:00.43.90N:146.10E, h107km, Mw5.1 Best double couple: M=4.68x10^16 Np1=352°, 885°, -5.3°; NP2=689°, 637°, -171°

BUI 15 00:10:28.9.44.04N:145.94E, h106km, mb5.3, mb5.2

MOS 00:10:29.0.1.0, 44.00N:145.94E, h107km, mb5.2/68, Error ellipse: s-maj=7.6km s-min=4.7km az=94.2

MOS Felt (I) at Yuzhno-Kuril'sk

NEIC 15 00:10:30.2.0.1, 44.06N:145.91E, mb5.1/109, Error ellipse: s-maj=4.4km s-min=2.5km az=159.0

NEIC Felt [II] at Bekkai. Felt [II] at Yuzhno-Kuril'sk, Kunashir. Recorded [3 JMA] in eastern Hokkaido and [1 JMA] in Aomori Prefecture, Honshu.

SKHL 15 00:10:30.9.0.7, 43.90N:146.10E, h104km, 5km, mb5.8/8, mb5.2/1, mbv6.0/2, msh5.8/5, msh6.1/3

JMA 15 00:10:30.8.0.1, 43.86N:146.17E, h106km, 1km, M5.1

JMA Felt [I] at Honshu

IDC 15 00:10:30.7.0.4, 44.04N:146.07E, h109km, 3km, mb4.6/21, mb1 4.7/24, mb1mx4.7/25, MS3.8/6, M1 3.9/6, ms1mx3.5/19, Error ellipse: s-maj=10.9km s-min=6.7km az=158.0

HRVD 15 00:10:30.2.0.4, 44.18N:146.02E, h116km, 4km, MW5.1/61, Centroid moment Tensor Solution. LP body waves: s28, c35; Mantle waves: s61, c108; Half duration: 0

Moment tensor: Scale 10^16Nm; Mr=0.52±.22; Mw=2.19±.12; Mb=1.67±.23; Mo=1.07±.15; Ms=3.72±.20; Mn=3.28±.22; Best double couple: M=5.31x10^16 Np1= 0.82°, 659°, -1.65°; NP2=344°, 877°, -32°. Principal axes: T4.61, P1g.12, Azm299°; N1.4, P1g56°, Azm144°; P-6.02, P1g29°, Azm299°. nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

ISC 15 00:10:29.0.1, 43.99N:02.146.02E, 0.0, h104km, h104km, 9km, pP, n515, 0.1902/545, mb5.1/154, 33C-45D, Kuril Islands

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include YUK, YUK, YUK.

15d 0h

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Table with columns for station code, name, time, and various status indicators. Includes stations like YUK, JRA, NEM2, JNK, JAK, JTKR, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like SKR, OKH, OKH, OKH, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like BJT, TIA, SSE, SSE, etc.







15d 4h

Table with columns: HYB Hyderabad, GYA Guiyang, KAKA Kakadu, KMI Kunming, FITZ Fitzroy Crossi. Includes station names, coordinates, and various codes.

NEIC 15 00:33:53.7, 17.98N:68.59W, h80km, MD3.8(RSPR), After RSPR. RSPR 15 00:33:53.7, 17.98N:68.59W, h80km, MD3.8(RSPR).

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Isla Desecheo, Maguayo, Mayaguez, etc.

IDC 15 01:57:10.5-1.7, 2.86N-128.18E, mb4.0/3, mb1 4.0/3, mb1mx4.0/9, MS3.2/1, Ms1 3.2/1, ms1mx3.0/10, Error ellipse: s-maj=129.0km s-min=23.3km az=67.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like TGy Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 15 02:24:49.7-1.8, 1.80N-124.85E, mb3.8/3, mb1 4.0/3, mb1mx3.8/9, Error ellipse: s-maj=187.0km s-min=23.8km az=64.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

JMA 15 02:30:31.0-0.1, 4.073N-139.40E, h18km, ML3, 5, 1C-3D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like IWJ Iwasaki, JSI2 Shiura 2, JOG2 Oga 2, etc.

IDC 15 02:46:24.9-2.0, 6.85S-128.71E, mb3.6/1, mb1 3.8/3, mb1mx3.8/6, ML3.6/2, Error ellipse: s-maj=119.0km s-min=31.2km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 15 03:08:04.6-3.0, 6.70N-124.81E, mb3.9/3, mb1 4.1/3, mb1mx3.8/11, Error ellipse: s-maj=312.0km s-min=25.3km az=64.0, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

WEL 15 03:16:25.2-0.3, 45.00S-166.66E, h23km, ML4.6/10, Error ellipse: s-maj=3.5km s-min=1.6km az=90.0. NEIC 15 03:16:26.0, 45.12S-166.67E, h12km, mb3.9/1, ML4.5(WEL), After WEL.

ISC 15 03:16:23.7-2.2, 44.95S-0.05-166.70E-0.09, h10km, ML5, 15km, n30, c097/35, mb3.8/1, 1C-4D, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MSZ Milford Sound, MLZ Mavora Lakes, etc.

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Table with columns: MLZ Mavora Lakes, WHZ Wether Hill Ro, AZZ Alexandra, TUZ Tuapeka, BWZ Barwen, etc. Includes station names, coordinates, and various codes.

IDC 15 03:28:37.2-1.0, 6.62S-155.05E, mb4.2/9, mb1 4.4/9, mb1mx4.4/10, Error ellipse: s-maj=59.6km s-min=20.3km az=131.0.

NEIC 15 03:28:46.5-2.3, 6.57S-154.98E, h68km, mb4.3/6, Error ellipse: s-maj=23.8km s-min=11.3km az=112.0.

ISC 15 03:28:44.0-2.9, 6.55-0.1, 155.05E, h58km, mb4.2km, n24, c083/25, mb4.3/16, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WAU Wau, PMG Port Moresby, CTAO Charters Tower, WRAB Tennant Creek, etc.

CASC 15 04:18:19.8-1.8, 11.90N-88.04W, h23km, gkm, MD3.7, ML3.1, 4C-5D, Off coast of central America

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PYN Ponefoya, LEON Leon, TEL3 Telica 3, etc.

MDD 15 04:42:53.1-0.3, 28.62N-14.70W, h10km, mb3.8/2, mbLg1.9/5, Error ellipse: s-maj=6.6km s-min=1.3km az=174.0, PRXMO TT. MODEL: Canary PROFUNDIDAD POBRE

NEIC 15 04:42:54.0, 28.53N-14.68W, h20km, MN2.1(MDD), After MDD.

ISC 15 04:42:49.9-1.1, 28.7N-0.1-14.71W-0.08, h25km, 19km, n9, c1920/17, 4D, Canary Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CFTV Fuerteventura, CFTV Fuerteventura, CFTV Fuerteventura, etc.

MDD 15 04:42:53.1-0.3, 28.62N-14.70W, h10km, mb3.8/2, mbLg1.9/5, Error ellipse: s-maj=6.6km s-min=1.3km az=174.0, PRXMO TT. MODEL: Canary PROFUNDIDAD POBRE

NEIC 15 04:42:54.0, 28.53N-14.68W, h20km, MN2.1(MDD), After MDD.

ISC 15 04:42:49.9-1.1, 28.7N-0.1-14.71W-0.08, h25km, 19km, n9, c1920/17, 4D, Canary Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CFTV Fuerteventura, CFTV Fuerteventura, CFTV Fuerteventura, etc.

WEL 15 03:16:25.2-0.3, 45.00S-166.66E, h23km, ML4.6/10, Error ellipse: s-maj=3.5km s-min=1.6km az=90.0. NEIC 15 03:16:26.0, 45.12S-166.67E, h12km, mb3.9/1, ML4.5(WEL), After WEL.

ISC 15 03:16:23.7-2.2, 44.95S-0.05-166.70E-0.09, h10km, ML5, 15km, n30, c097/35, mb3.8/1, 1C-4D, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MSZ Milford Sound, MLZ Mavora Lakes, etc.

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Table with columns: EBAJ Bajamar, CCAN Las Canadas, CCAN Las Canadas. Includes station names, coordinates, and various codes.

PGC 15 04:45:53.8, 49.15N-127.94W, h10km, MLSn4.6/1, Mw4.7/1, MD1.9(SEA), West of Vancouver Island, British Columbia

NEIC 15 04:45:54.0, 49.15N-127.94W, h10km, mb4.2/11, MW4.7(FGC), After FGC. BUJ 15 04:45:57.0, 49.20N-127.90W, h10km, mb4.6, mb4.0, Ms4.7, Ms4.5

IDC 15 04:46:00.5-5.1, 49.47N-127.54W, h32km, 36km, mb3.8/5, mb1 4.2/13, mb1mx4.0/21, ML4.0/8, MS3.8/16, Ms1 3.8/16, ms1mx3.7/26, Error ellipse: s-maj=44.3km s-min=15.9km az=57.0

ISC 15 04:45:56.4-0.6, 49.33N-0.02-127.65W-0.03, h23km, 5km, n150, c1927/185, mb4.1/9, MS3.8/11, 6D, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like EDB Eliza Dome, EDB Eliza Dome, ESTE Estevan Point, etc.

BPBC Brooks Peninsula, BPBC Brooks Peninsula, BPBC Brooks Peninsula. Includes station names, coordinates, and various codes.

WOSB Woss, WOSB Woss, WOSB Woss. Includes station names, coordinates, and various codes.

MAYB Maynard, MAYB Maynard, MAYB Maynard. Includes station names, coordinates, and various codes.

GDR Gold River, GDR Gold River, GDR Gold River. Includes station names, coordinates, and various codes.

HOLB Holberg, HOLB Holberg, HOLB Holberg. Includes station names, coordinates, and various codes.

PHC Port Hardy, PHC Port Hardy, PHC Port Hardy. Includes station names, coordinates, and various codes.

BTB Butte Lake, BTB Butte Lake, BTB Butte Lake. Includes station names, coordinates, and various codes.

OZB Mount Ozard, OZB Mount Ozard, OZB Mount Ozard. Includes station names, coordinates, and various codes.

NCRB Newcastle Ridge, NCRB Newcastle Ridge, NCRB Newcastle Ridge. Includes station names, coordinates, and various codes.

CBB Campbell River, CBB Campbell River, CBB Campbell River. Includes station names, coordinates, and various codes.

ALB Albani, ALB Albani, ALB Albani. Includes station names, coordinates, and various codes.

MGB Mount Grey, MGB Mount Grey, MGB Mount Grey. Includes station names, coordinates, and various codes.

TXB Texada, TXB Texada, TXB Texada. Includes station names, coordinates, and various codes.

PFB Port Renfrew, PFB Port Renfrew, PFB Port Renfrew. Includes station names, coordinates, and various codes.

NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L. Includes station names, coordinates, and various codes.

SHB Scheitl, SHB Scheitl, SHB Scheitl. Includes station names, coordinates, and various codes.

LZB Mount Lazard, LZB Mount Lazard, LZB Mount Lazard. Includes station names, coordinates, and various codes.

GOB Olympus-Boni, GOB Olympus-Boni, GOB Olympus-Boni. Includes station names, coordinates, and various codes.

OCWA Octopus Island, OCWA Octopus Island, OCWA Octopus Island. Includes station names, coordinates, and various codes.

PGC Sidney, PGC Sidney, PGC Sidney. Includes station names, coordinates, and various codes.

PGC Sidney, PGC Sidney, PGC Sidney. Includes station names, coordinates, and various codes.

BBB Bella Bella, BBB Bella Bella, BBB Bella Bella. Includes station names, coordinates, and various codes.

WPP Watts Point, WPP Watts Point, WPP Watts Point. Includes station names, coordinates, and various codes.

SNB Saturna Island, SNB Saturna Island, SNB Saturna Island. Includes station names, coordinates, and various codes.

VGZ Gonzales, VGZ Gonzales, VGZ Gonzales. Includes station names, coordinates, and various codes.

WLSR Whistler, BC, WLSR Whistler, BC, WLSR Whistler, BC. Includes station names, coordinates, and various codes.

HNB Haney, HNB Haney, HNB Haney. Includes station names, coordinates, and various codes.

VDB Vedder Mountain, VDB Vedder Mountain, VDB Vedder Mountain. Includes station names, coordinates, and various codes.

VDB Vedder Mountain, VDB Vedder Mountain, VDB Vedder Mountain. Includes station names, coordinates, and various codes.

GNW Green Mountain, GNW Green Mountain, GNW Green Mountain. Includes station names, coordinates, and various codes.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LLLB Lillooet, HOPB Hope, BMW Boisfort Moun, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, ULM Lac du Bonnet, TUC 13nm,0.7s, LAZ Ladoron, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ULM Lac du Bonnet, CLNB Galsbad, GDL2 Gualupe Moun, etc.

LDG 15 05:17:19.3.0.1, 42.91N, 0.24E, h6km, 1km, Md1.72, ...

IDC 15 05:18:16.7.8.1, 3.82N, 123.55E, h564km, 1.11km, mb3.2/3, ...

IDC 15 05:19:26.0.7, 43.37S, 39.81E, mb4.4/7, mb1 4.5/7, ...

ISLANDS REGION Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

IDC 15 05:16:58.0.0.8, 43.40S, 39.92E, mb4.0/4, mb1 4.2/4, ...

ISLANDS REGION Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.



Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BJI, CD2, KLR, HHC, HHK, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like INK, NVAR, YKA, SNA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GUMO, ANA, ANAT, KAKA, etc.

Table with columns for station code, name, coordinates, and various performance metrics (e.g., HKC, SSE, QZ, etc.).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., MDJ, ENH, GYA, etc.).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., BTO, LZH, Papeete, etc.).



Table with columns for station name, frequency, mode, and signal strength. Includes stations like APA, GDL2, VNA3, VNA2, TIZ, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like EFI, DPC, DPC, DPC, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LPAZ, LPAZ, LPAZ, CPUP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PLOU, EADA, PMJU, EBAN, EBAN, EQES, PTOM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WRA, ASAR, ILAR, TXAR, GUC, MOS, NEIC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WMOK, FVM, CLNB, GDL2, ACSO, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and various flags. Includes stations like WALA, Lobatse, Red Mountain, Newport, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and various flags. Includes stations like KSH, MKAR, HYB, NDI, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and various flags. Includes stations like DSCH, FCH, LMEL, CICH, etc.





Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like DWPF Disney, NNA Nana, LPAZ La Paz, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ULM ULM, TRQA Torqu Coast, RW3 TUC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FLN Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.



0.3nm, 0.5s, mb4.0, baz=256, slow=4.8, SNR=5.7

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BER 15 13:43:52.1s, 3.9, 7.6, 34N, 20.33E, h23km, 55km.

IDC 15 14:06:23.5f, 7.2, 32.17N, 76.26E, mb3.9/2, mb1 3.8/3, mb1mx3.5/14, ML3.1/1, Error ellipse: s-maj=158.0km

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JMU Jammu, PONG Pong, BHK Bhakra.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SONA Sohna, AGRA Agra, KK31 Karatay Array.

IDC 15 14:11:25.0z, 2.8, 8.95S, 110.44E, mb3.8/4, mb1 4.0/3, mb1mx3.9/8, Error ellipse: s-maj=142.0km s-min=24.6km az=48.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SINI Singah, KELI Kelakatan, KELI Kelakatan.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like RATI Rata, RATI Rata, RATI Rata.

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

IDC 15 14:53:38.9s, 3.2, 12.68S, 68.23W, mb3.7/2, mb1 4.1/3, mb1mx3.8/12, ML3.9/1, MS2.9/1, MS1 2.9/1, ms1mx2.6/11, Error ellipse: s-maj=173.0km s-min=18.8km az=83.0, Peru-Bolivia border region

TRN 15 15:08:09.0, 14.35N, 60.41W, h34km, MD3.5, 1C, Windward Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SLPE Piton Saint Es, SLPE Morne Tabac, SLTA SLTA.

IDC 15 15:25:15.9z, 0.2, 61S, 127.68E, mb3.3/2, mb1 3.4/3, mb1mx3.4/8, ML3.1/1, Error ellipse: s-maj=152.0km s-min=26.1km az=67.0, Ceram Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

TAP 15 15:28:15.1, 22.80N, 121.08E, h8km, ML3.9, TAP Felt IV J at Pinlang, II J at Taitung, I J at Chengung, I J at Sandimen.

JMA 15 15:28:15.9, 0.2, 22.66N, 121.18E, h67km, ISC 15 15:28:14.5, 0.4, 22.76N, 121.23E, 0.02, h5km, 3km, n58, c1918/93, 7C-9D, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TTN Taitung, TTN Taitung, TWG Pinlang.

LDG 15 17:00:40.4, 0.1, 43.11N, 1.37W, h5km, Md1.5/2, MI1.5/1, Error ellipse: s-maj=1.6km s-min=1.1km az=12.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SJJPF Ste Jean, SJJPF Ste Jean, OSSF Osses.

MDD 15 17:00:42.1, 0.4, 43.19N, 1.22W, mbLg0.6/3, Error ellipse: s-maj=3.9km s-min=2.3km az=53.0, PFRXIMO

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SJJPF Ste Jean, SJJPF Ste Jean, OSSF Osses.

IDC 15 16:12:02.3, 3.4, 21.28S, 168.71E, mb3.7/3, mb1 4.0/3, mb1mx4.0/7, MS3.4/1, Ms1 3.4/1, ms1mx3.0/10, Error ellipse: s-maj=198.0km s-min=33.1km az=158.0

ISC 15 16:12:05.7, 1.8, 20.9S, 0.5, 168.5E, 0.4, h33km, n7, c0639/5, mb3.6/3, MS3.3/1, 1C, Loyalty Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, WRA Warramunga Arr.

IDC 15 16:27:26.0z, 2.1, 1.18N, 126.67E, mb3.2/3, mb1 3.4/3, mb1mx3.4/9, Error ellipse: s-maj=174.0km s-min=26.0km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 15 16:37:39.0z, 1.9, 9.03S, 126.86E, mb3.4/1, mb1 3.6/3, mb1mx3.6/7, ML3.1/2, Error ellipse: s-maj=198.0km s-min=31.7km az=60.0

NEIC 15 16:37:40.8, 1.1, 9.24S, 126.53E, h10km, Error ellipse: s-maj=30.9km s-min=13.8km az=60.0

ISC 15 16:37:49.1, 2.4, 9.95S, 0.1, 126.6E, 0.1, h33km, n6, c085/10, mb3.4/1, Timor region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRAB Tennant Creek.

IGQ 15 16:44:23.5, 2.78S, 78.41W, h101km, g6km, mb4.0, 4C-7D, Error ellipse: s-maj=8.4km s-min=3.9km az=71.8, Yauco

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ARRY Arrayan, ARRY Arrayan, PATA Patatocha.

LDG 15 17:00:40.4, 0.1, 43.11N, 1.37W, h5km, Md1.5/2, MI1.5/1, Error ellipse: s-maj=1.6km s-min=1.1km az=12.0

MDD 15 17:00:42.1, 0.4, 43.19N, 1.22W, mbLg0.6/3, Error ellipse: s-maj=3.9km s-min=2.3km az=53.0, PFRXIMO

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SJJPF Ste Jean, SJJPF Ste Jean, OSSF Osses.

NNC 15 17:02:06.4, 13.0, 50.12N, 87.51E, mpv3.8, 5C-2D, Error ellipse: s-maj=115.1km s-min=81.6km az=82.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, KURK Kurchatov.

IDC 15 17:29:16.8, 1.6, 38.41N, 72.56E, mb3.8/5, mb1 3.9/7, mb1mx3.7/15, ML3.2/2, Error ellipse: s-maj=51.6km s-min=27.7km az=48.0

MOS 15 17:29:20.4, 1.1, 38.56N, 72.52E, h33km, mb4.0/6, Error ellipse: s-maj=31.3km s-min=12.4km az=93.4

BUI 15 17:29:23.8, 39.29N, 72.32E, h51km, mb3.9, ML3.4, NEIC 15 17:29:32.1, 1.9, 39.49N, 72.28E, h50km, mb3.5/2, Error ellipse: s-maj=30.7km s-min=17.5km az=181.0

ISC 15 17:29:19.1, 0.7, 38.42N, 0.06, 72.5E, 0.1, h33km, n36, c1332/38, mb3.7/7, 4C, Tajikistan

Table listing seismic stations (KSH, AML, UCH, etc.) with columns for station name, coordinates, and other metadata. Includes a sub-table for 'WAR 15:18:11:28.4, 50.27N; 18.87E, h1km'.

Table listing stations (RAC, RAC, OJC, etc.) with columns for station name, coordinates, and other metadata. Includes a sub-table for 'WAR 15:18:11:28.4, 50.27N; 18.87E, h1km'.

Table listing stations (WRA, ASAR, MKAR, etc.) with columns for station name, coordinates, and other metadata. Includes a sub-table for 'WAR 15:18:11:28.4, 50.27N; 18.87E, h1km'.

Main table listing seismic events with columns for station name (SNZO, QZ, RAR, etc.), time, and magnitude (eS, P, S). Includes event details like 'SKHL 15:50:19.1s 1.7, 52.90N; 154.10E, h535km, 6km, mb6.2/8'.

Table listing stations (SKR, SKR, SKR, etc.) with columns for station name, coordinates, and other metadata. Includes a sub-table for 'SKHL 15:50:19.1s 1.7, 52.90N; 154.10E, h535km, 6km, mb6.2/8'.

Table listing stations (SKR, SKR, SKR, etc.) with columns for station name, coordinates, and other metadata. Includes a sub-table for 'SKHL 15:50:19.1s 1.7, 52.90N; 154.10E, h535km, 6km, mb6.2/8'.

15d 19h

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Table with columns for station call signs (e.g., YSS, YSS, YSS), names (e.g., Yuzh-Sakhalins, Yuzh-Sakhalins), frequencies (e.g., 9.31 233), and other technical details (e.g., i P, P, 19 52 32.3 +0.3).

Table with columns for station call signs (e.g., SVW, BJI, BJI), names (e.g., Sparrevohn, Beijing, Baijiatuu), frequencies (e.g., 28.04 53, 28.50 258), and other technical details (e.g., e P, P, 19 55 33.4 +0.4).

Table with columns for station call signs (e.g., GYA, GYA, GYA), names (e.g., Guiyang, Kurchatov, Kurchatov), frequencies (e.g., 43.73 251, 44.31 298), and other technical details (e.g., i P, P, 19 57 43.3 -0.3).

Table with columns: AREQ, ARCESS Array S, 51.93 339, eP, P, 19 58 43.6 -1.5, PUL, comp=Z,80nm,7.4s, smax, KIV, comp=N,30nm,0.8s, ePPP, PPP, 20 04 39.0 -0.2, etc.

Table with columns: PUL, comp=N,50nm,7.9s, smax, KIV, comp=N,30nm,0.8s, ePPP, PPP, 20 04 39.0 -0.2, etc.

Table with columns: KIV, comp=N,30nm,0.8s, ePPP, PPP, 20 04 39.0 -0.2, etc.

15d 19h

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Table with columns: GRF, comp-Z, GECZ, GEC2, GERES, GERS, TNS, HGN, MALT, CTA, LOD, ELD, PRD, MOA, RUP, ARSA, GIVF, SZH, PALK, BAIF, FUR, TXAR, LNF, PVL, GZT, JMB, PERS, KBA, WRAB, WRB, WRA, WRA, BFO, SPAK, WATA, WLS, WTTA, MOT, FITZ, SQA, SQA, ECH, FVI, SISC, LJU, FELD, PCB, TRD, MEZF, DAVA, ESKT, THEF, GMINA, MOF, HAU, HAU, CEY, HIN, COBT, UMR, BBS, RZN, BRMO, KBD, CTI, RST, FLN, NAY, NAY, QRN

Table with columns: QRN, comp-Z, LDF, LDF, MMB, RDF, RDF, GRR, GRR, GRR, SKO, SKO, SKO, LOR, LOR, LOR, CABF, CABF, CABF, VAI, HYF, OOO, SSF, SSF, SSF, SGFM, SGFM, SGFM, MCGN, ROSF, ROSF, AVF, AVF, AVF, SMF, SMF, SMF, QUIF, QUIF, QUIF, BGF, BGF, BGF, BGF, LPL, LPL, LPL, LPL, LPL, LPL, ZCCA, BOB, PHNC, ERBM, GSCL, FSSB, SFI, VMG, PGD, ARV, TCF, TCF, MAMC, VLC, BDI, CSS, MFF, MFF, MFF, MFF, BNI, LCHF, SNTG, ASAR, ASAR, ASPA, MBDF, MBDF, MBDF, ASS, CSNT, ORIF, ORIF, SZAC, AKM, DOI, POCY, VIVF, VIVF, GRFL, HINT, ACUL, OQ25, SAOF, AUTN, TOUT, MNS, SBF, SBF, MVIF, HAF, HAF, REVS, QURV, MMLI, CAF, OFRI, HMDT, SMRF, SMRF

Table with columns: LFF, LFF, FRF, FRF, MBWA, SLTI, LASF, TREF, LMR, PUVF, DRDI, MZDA, HILS, MTLF, ARSS, ZFRI, ZFRI, PRNI, HIJ, SJA, EPF, EPF, EJON, KMTI, MDRU, SJPF, SJPF, AQBJ, MBH, ETSF, ETSF, EIL, JMGS, JMS, EARI, EMIR, TBKS, HAQS, ECR, EPON, AFFS, BDAS, TAYS, EPOB, AYUS, KBRS, EMAZ, STS, EINC, ERUA, ERTA, EBR, ECAL, EZAM, PBGR, ELOB, ETOS, ETOR, EMOS, UMJS, PVRL, KAMS, YNBS, PVIS, STKA, ESDC, EBEN, PCBR, TATS, TOTS, NAMS, EBAN, ELUO, PBEJ, ECGO, ENIJ, EMIN, ELOJ, EBER, ERON, EGRO, PALC, ELIJ, ESPR, EJIF, TAO, NWO, TIC, KIC, LIC, LIC, LSZ, VND, LPZA, LPZA



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Paz, South Pole Qui, Villa Florida, etc.

WAR 15:56:02.0, 50.26N, 18.88E, ML2.2, Mining Induced
NEIC 15:56:03.4, 1.9, 50.28N, 18.61E, h5km, Error ellipse:
s-maj=25.3km s-min=12.4km az=172.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKC, Ostrava-Krasne, OJC, etc.

IDC 15:20:01:32.6-1.7, 0.09S-123.93E, mb3.5/3, mb1 3.7/3,
m1mx3.7/9, Error ellipse: s-maj=327.0km
s-min=24.9km az=62.0, Minahassa Peninsula, Sulawesi

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

NEIC 15:20:17:54.2-5.2, 6.74N-72.95W, h167km, 19km, Error
ellipse: s-maj=51.2km s-min=18.8km az=77.0
IDC 15:20:17:54.2-3.4, 6.73N-73.04W, h159km, 25km, mb3.5/5,
mb1 3.9/6, mb1mx3.6/15, Error ellipse: s-maj=59.1km
s-min=21.0km az=65.0

ISC 15:20:17:53.8-2.8, 6.8N-0.2-73.1W, 0.5, h167km, n9, 0883/7,
mb3.7/5, Northern Colombia

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

MOS 15:20:36:33.5-2.8, 50.30N-87.56E, h15km, mb3.9/5, Error
ellipse: s-maj=13.7km s-min=8.4km az=100.6
IDC 15:20:36:37.3-1.6, 50.53N-87.14E, mb3.7/4, mb1 4.0/6,
mb1mx3.8/17, ML4.4/2, MS2.8/1, Ms1 2.8/1, ms1mx2.6/20,
Error ellipse: s-maj=35.7km s-min=17.1km az=129.0

NEIC 15:20:36:38.2-0.8, 50.53N-87.25E, h10km, mb3.8/4, Error
ellipse: s-maj=16.4km s-min=12.5km az=203.0
BUJ 15:20:36:39.1, 50.12N-87.08E, h10km, ML4.1
NMC 15:20:36:44.0, 0.3, 50.29N-87.17E, mv3.7, Error ellipse:
s-maj=57.7km s-min=33.1km az=90.0

ISC 15:20:36:46.1, 2.5024N-0.04, 86.90E, 0.06, h13km, 8km,
n38, r126/53, mb3.8/5, 4C-9D, Southwestern Siberia

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA, Lhasa, KS15, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MALT, Malatya, NB2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA, NORSAR Array B, ILAR, etc.

NEIC 15:21:14:04.0-1.6, 2.28S-139.52E, mb3.3/3, mb1 3.6/4,
mb1mx3.6/6, ML3.5/4, MS3.2/1, Ms1 3.2/1, ms1mx2.7/7,
Error ellipse: s-maj=75.6km s-min=26.8km az=98.0
ISC 15:21:14:07.5-1.4, 2.35S-0.2-139.4E, 0.5, h33km, n5, r137/4,
mb3.3/3, MS3.0/1, Near north coast of Irian Jaya

WRA Warramunga Arr 18.25 195 P
ASAR Alice Springs 21.93 194 P
TG Yaganay City 24.51 312 LR
MKAR Makanchi Array 69.89 322 S
ILAR Eielson Array 85.16 24 P

NEIC 15:21:23:23.8, 16.05N-97.15W, h14km, MD3.9(MEX), After
MEX.
MEX 15:21:23:24.0-0.6, 16.05N-97.15W, h16km, 7km, MD3.9
ISC 15:21:23:21.0-9.9, 16.07N-0.06-97.15W, 0.03, h25km, 8km,
n11, r1500/19, Oaxaca

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

MDD 15:22:36:51.8-1.1, 42.88N-0.25W, mbLq0.8/2, Error ellipse:
s-maj=22.6km s-min=2.6km az=175.0, PRXIMO SOLUCIN
POBRE
LDG 15:22:36:51.3-0.7, 42.82N-0.25W, h2km, Md1 9/2, Error
ellipse: s-maj=31.2km s-min=3.6km az=178.0

ISC 15:22:36:51.4-1.7, 42.92N-0.2-0.25W, 0.06, h2km, n4, 0816/5,
Pyrenees

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

IDC 15:23:10:43.1-1.6, 2.27N-126.47E, mb4.0/3, mb1 4.2/3,
mb1mx4.0/9, Error ellipse: s-maj=155.0km s-min=23.3km
az=66.0
NEIC 15:23:10:57.3-4.5, 2.24N-126.57E, h122km, 44km, mb4.0/6,
Error ellipse: s-maj=68.4km s-min=14.5km az=69.0
ISC 15:23:10:54.3, 5.1, 2.24N-0.2-126.3E, 0.5, h107km, 50km, n13,
0891/13, mb4.0/7, Northern Molucca Sea

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

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

SKHL 15:23:19:56.8-0.2, 54.31N-126.67E, h8km, 1km, mb4.2/7, 2C,
Felt (II-II) at Zolotaya Gora, Southeastern Siberia

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

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

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

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

IDC 15:23:22:08.8-3.2, 32.95S-179.13W, mb3.5/2, mb1 3.7/3,
m1mx3.7/9, ML3.4/1, Error ellipse: s-maj=72.0km
s-min=47.4km az=113.0, South of Kermadec Islands

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

ISC 15:23:56:27.9-2.7, 51.31N-177.71E, mb3.7/8, mb1 3.9/8,
mb1mx3.8/16, Error ellipse: s-maj=74.6km s-min=24.0km
az=13.0
NEIC 15:23:56:35.2-2.2, 51.34N-177.68E, h52km, 10km, mb4.0/2,
ML3.6(AE/C), Error ellipse: s-maj=51.7km s-min=9.6km
az=193.0

ISC 15:23:56:34.8-1.9, 51.44N-0.3-177.8E, 0.1, h61km, 10km, n16,
0898/19, mb3.8/9, Rat Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include IDC 16:00:29.09.3.0.36, 145S, 179.93E, mb3.9/2, mb1 4.0/3, etc.

NEIC 16:00:55:08.8, 0.30.58S:71.55W, h33km, ML2.0(GUC), After GUC.

GUC 16:00:55:08.8-0.30.58Sx71.55W, h33km, ML2.8, 3C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include OVCH Ovalle, LSCH La Serena, CMCH Combarbala, etc.

KISR 16:00:56:58.8-0.5, 28.52N:58.87E, h15km, 999km, ML4.2

NEIC 16:00:57:06.4-1.5, 29.16N:58.04E, mb3.7/6, mb1 3.8/6, mb1 mx3.7/15, Error ellipse: s-maj=59.0km s-min=25.0km

NEIC 16:00:57:06.1-1.1, 29.13N:58.03E, h10km, Error ellipse: s-maj=41.0km s-min=16.9km az=123.0

ISC 16:00:57:01.6-0.7, 28.65N:0.09.58.34E:0.06, h10km, n22, o#93/25, mb3.7/6, Southern IRL

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include QRN Al-Qurain, QRN Umm Al-Rimmam, KBD Kabd, etc.

IDC 16:01:00:53.4-0.8, 15.21Sx173.52W, h43km, 4km, mb4.0/8, mb1 4.2/8, mb1mx4.1/12, MS4.4/10, Ms1 4.4/10, ms1mx4.3/15, Error ellipse: s-maj=36.9km s-min=17.5km

NEIC 16:01:00:54.0-0.3, 15.12S:173.67W, mb4.6/4, Error ellipse: s-maj=17.9km s-min=9.0km az=136.0

ISC 16:01:00:52.2-0.5, 15.1S:0.1-1.73.7W, 0.1, h43km, (h46km:1.6km:pp-P), n46, o#58/22, mb4.3/12, MS4.4/11, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include URZ Urewera, URZ Urewera, URZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include PDAR comp=Z, 1.8nm, 0.9s, mb4.0, bazz=212, slow=3.6, SNR=12, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include CRVS Cervenica-Dubn, PRU Pruhonice, GRA1 Grafenberg Arr, etc.

BUI 16:01:04:08.7, 2.26N:129.38E, h66km, mb4.6, mb4.6

MOS 16:01:04:16.1-1.1, 2.81N:128.35E, h65km, mb4.8/8, Error ellipse: s-maj=37.6km s-min=11.9km az=124.3

NEIC 16:01:04:17.5-2.9, 2.73N:128.38E, h66km, 28km, mb4.6/8, Error ellipse: s-maj=19.7km s-min=8.9km az=61.0

IDC 16:01:04:19.0-2.4, 2.68N:128.30E, h80km, 18km, mb4.2/9, mb1 4.3/9, mb1mx4.2/12, MS3.6/1, Ms1 3.6/1, ms1mx3.0/14, Error ellipse: s-maj=56.4km s-min=13.0km az=72.0

ISC 16:01:04:14.0-2.7, 2.72N:128.50E, 0.1, h47km, 24km, n55, o#96/55, mb4.6/25, 1C-2D, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include TGY Tagaytay City, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

WB2 WB2, WB2 Warramunga Arr 23.32 166 eScP

MBWA Marble Bar 25.29 199 P, ASAR Alice Springs 26.83 169 P

ASAR comp=Z, 2.9nm, 0.4s, bazz=355, slow=2.1, SNR=12

ASAR Alice Springs 26.83 169 P, ASAR ASAR 26.83 169 P

CTAO Charters Tower 28.68 143 eP, ENH Enshi 32.70 329 eP

XAN Xi'an 36.03 332 P, XAN XAN 36.03 332 P

STKA Stephens Creek 36.67 161 eP, BJI Beijing 38.71 345 eP

LZH Lanzhou 41.80 328 eP, LZA LZA 41.80 328 eP

LSA Lhasa 44.34 311 eP, LSA LSA 44.34 311 eP

LSA Lhasa 44.34 311 eP, LSA Lhasa 44.34 311 eP

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include MKAR Makanchi Array 59.30 325 P, MKAR Makanchi Array 59.30 325 P, MKAR Makanchi Array 59.30 325 P

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include BRVK Borovoye Array 69.04 327 P, BRVK Borovoye Array 69.04 327 P, BRVK Borovoye Array 69.04 327 P

NEIC 16:01:15:33.8, 43.40N:3.20E, h5km, ML2.0(LDG), After LDG

LDG 16:01:15:33.8-0.1, 43.40N:3.20E, h5km, Md2.0/2, Ml2.0/6, Error ellipse: s-maj=3.8km s-min=1.6km az=160.0

MDD 16:01:15:34.7-0.8, 43.45N:3.16E, h11km, 7km, mbgl1.3/4, Error ellipse: s-maj=7.2km s-min=3.7km az=148.0

ISC 16:01:15:31.1-0.6, 43.39N:0.04-3.22E:0.03, h4km, 6km, n10, o#124/18, Near south coast of France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include MTLF Montoliou 0.73 266 eP, MTLF Montoliou 0.73 266 eP, MTLF Montoliou 0.73 266 eP

IDC 16:01:17:03.2-4.2, 9.62S:110.08E, mb4.3/5, mb1 4.4/5, mb1mx4.3/9, Error ellipse: s-maj=245.0km s-min=19.9km az=47.0

BUI 16:01:17:07.0, 10.00S:109.70E, h50km, mb4.6

NEIC 16:01:17:08.4-1.3, 10.03S:109.71E, h50km, mb4.8/1, Error ellipse: s-maj=66.0km s-min=10.2km az=50.0

ISC 16:01:17:06.7-1.2, 10.1S:0.3-109.7E:0.4, h50km, n21, o#89/19, mb4.3/10, South of Java

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include MBWA Marble Bar 14.65 140 eS, WRW Warramunga Arr 25.71 115 eS, WRW Warramunga Arr 25.71 115 eS

NEIC 16:01:21:07.7, 43.40N:3.21E, h5km, ML2.1(LDG), After LDG

LDG 16:01:21:07.7-0.1, 43.40N:3.21E, h5km, Md2.0/2, Ml2.0/6, Error ellipse: s-maj=3.2km s-min=1.4km az=166.0

MDD 16:01:21:09.4-0.4, 43.46N:3.17E, h17km, 7km, mbgl1.5/6, Error ellipse: s-maj=5.7km s-min=3.4km az=150.0

ISC 16:01:21:04.7-0.5, 43.39N:0.04-3.24E:0.03, h2km, 6km, n14, o#122/25, Near south coast of France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Rows include MTLF Montoliou 0.74 266 eP, MTLF Montoliou 0.74 266 eP, MTLF Montoliou 0.74 266 eP



16d 4h

Table with columns: LMR, VIVF, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

PNSN 16 03:20:11.4, 47.33N:122.36W, h24km, MD2.4, Fault plane solution: NP1, 50, 665, NP2, 293, 846, Principal axes: T P1g52, Azm272; P P1g11, Azm168;

PGC 16 03:20:10.4, 47.16N:122.54W, h46km, ML2.1/19, Southern Puget Sound, Washington, Washington

Main table for station data under PGC 16 03:20:10.4, 47.16N:122.54W, h46km, ML2.1/19. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

MDD 16 03:24:12.8, 0.8, 43.45N:3.16E, h11km, mbLg1.0/5, Error ellipse: s-maj=7.9km s-min=4.2km az=141.0, PFXIMO

LDG 16 03:24:12.0, 0.1, 43.42N:3.19E, h2km, Md1.7/2, M11.8/4, Error ellipse: s-maj=3.8km s-min=1.3km az=149.0

ISC 16 03:24:11.0, 0.9, 43.49N:0.05, 3.12E, 0.06, h6km, 7km, n7, 0.897/11, Near south coast of France

Table for station data under ISC 16 03:24:11.0, 0.9, 43.49N:0.05, 3.12E, 0.06, h6km, 7km, n7, 0.897/11. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

BUI 16 03:29:24.4, 23.65N-116.86E, h15km, mb4.4, ML4.5, Ms3.9, Msz3.8, 1D, Near coast of southeastern China

Main table for station data under BUI 16 03:29:24.4, 23.65N-116.86E, h15km, mb4.4, ML4.5, Ms3.9, Msz3.8, 1D. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

NEIC 16 04:14:10.6, 35.10N:24.99E, h8km, MD3.6(ATH), After ATH.

ATH 16 04:14:10.6, 35.10N:24.99E, h8km, MD3.6/4, Crete

Table for station data under ATH 16 04:14:10.6, 35.10N:24.99E, h8km, MD3.6/4. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

2004 JAN

Table with columns: SANT, KARP, APE, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

CASC 16 04:20:05.6, 2.4, 9.02N-83.95W, MD4.4, ML4.1, MW4.7, NEIC 16 04:20:06.1, 9.01N:83.96W, h7km, MD4.3(CASC), After CASC.

NEIC Felt in Valle Central, IDC 16 04:20:10.3, 2.5, 9.76N-83.88W, h30km, 7km, mb3.5/9, mb1.3/8.9, mb1mx3.7/16, MS4.3/2, Ms1.4/4.2, ms1mx3.5/15, Error ellipse: s-maj=5.7km s-min=3.5km az=125.0

ISC 16 04:20:05.3, 1.0, 8.90N:0.05, 83.91W:0.04, h2.0km, 6km, h32km, 0.0km, pp-P, n58, 0.1534/68, mb3.5/9, MS4.4/2, 10C-12D, Costa Rica

Main table for station data under ISC 16 04:20:05.3, 1.0, 8.90N:0.05, 83.91W:0.04. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

TXAR comp=2.0, 4nm, 0.9s, mb3.0, baz=125, slow=11, SNR=2.7

TXAR comp=2.0, 5nm, 1.0s, baz=141, slow=5.8, SNR=2.9

TXAR comp=2.0, 5nm, 1.1s, baz=135, slow=3.5, SNR=2.4

PV01 Paradox Valley 36.62 327 eP P 04 27 13.6 +2.0

ULM comp=2.0, 2nm, 0.8s, mb3.8, baz=176, slow=15, SNR=3.1

ULM comp=2.0, 2nm, 0.7s, baz=181, slow=14, SNR=1.6

NVAR comp=2.0, 2nm, 0.7s, mb3.0, baz=27, slow=45, SNR=3.4

NVAR comp=2.0, 0.9nm, 0.8s, baz=119, slow=6.4, SNR=4.5

FRB comp=2.0, 3nm, 0.6s, baz=149, slow=3.5, SNR=3.5

FRB comp=2.2, 3nm, 0.8s, mb4.3, baz=198, slow=9.6, SNR=5.1

YKA comp=2.356nm, 18.7s, MS4.5, baz=64, slow=36

YKA comp=2.0, 8nm, 0.9s, mb3.8, baz=136, slow=6.9, SNR=10

YKA comp=2.0, 4nm, 0.7s, baz=140, slow=4.3, SNR=3.9

ILAR comp=2.0, 8nm, 0.9s, mb3.6, baz=127, slow=3.7, SNR=8.4

ESDC comp=2.142nm, 18.1s, MS4.3, baz=234, slow=42

NOA comp=2.0, 3nm, 0.4s, mb3.5, baz=275, slow=6.4, SNR=4.5

NEIC 16 04:25:49.9, 43.37N:3.23E, h4km, ML2.1(LDG), After LDG.

LDG 16 04:25:49.9, 0.1, 43.37N:3.23E, h4km, M12.1/7, Error ellipse: s-maj=3.9km s-min=1.6km az=166.0

MDD 16 04:25:51.7, 0.5, 43.45N:3.17E, h18km, 7km, mbLg1.5/5, Error ellipse: s-maj=5.9km s-min=3.5km az=151.0, PFXIMO

ISC 16 04:25:47.4, 0.6, 43.38N:0.04, 3.25E:0.03, h3km, 6km, n11, 0.8127/21, Near south coast of France

Main table for station data under ISC 16 04:25:47.4, 0.6, 43.38N:0.04, 3.25E:0.03, h3km, 6km, n11, 0.8127/21. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

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Table with columns: FRF, EPOB, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

LDG 16 04:26:30.1, 0.2, 43.40N:3.21E, h5km, Md2.1/2, M12.0/5, Error ellipse: s-maj=4.7km s-min=1.8km az=156.0

MDD 16 04:26:31.7, 0.7, 43.48N:3.14E, h14km, 7km, mbLg1.3/5, Error ellipse: s-maj=8.4km s-min=4.0km az=146.0, PFXIMO

ISC 16 04:26:29.8, 0.8, 43.52N:0.05, 3.10E:0.05, h7km, 7km, n8, 0.894/13, Near south coast of France

Main table for station data under ISC 16 04:26:29.8, 0.8, 43.52N:0.05, 3.10E:0.05, h7km, 7km, n8, 0.894/13. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

IDC 16 04:29:01.3, 1.5, 4.31S:142.82E, h112km, 8km, mb3.8/4, mb1.4/2/5, mb1mx4.0/9, Error ellipse: s-maj=55.2km s-min=19.3km az=100.0

NEIC 16 04:29:02.0, 0.7, 4.19S:142.26E, mb4.3/2, Error ellipse: s-maj=22.5km s-min=11.3km az=110.0

SYO 16 04:29:01.2, 0.7, 4.18S:142.30E, h108km, MB4.3

ISC 16 04:29:01.2, 0.7, 4.18S:142.30E, h108km, MB4.3, h110km, 9km, pp-P, n18, 0.1509/22, mb4.0/6, 1C-2D, New Guinea

Main table for station data under ISC 16 04:29:01.2, 0.7, 4.18S:142.30E, h108km, MB4.3, h110km, 9km, pp-P, n18, 0.1509/22, mb4.0/6, 1C-2D, New Guinea. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.

NEIC 16 04:40:56.0, 36.63N:7.09W, h13km, MN2.1(MDD), After MDD.

MDD 16 04:40:55.2, 1.2, 36.53N:7.21W, h38km, 19km, mb3.5/7, Error ellipse: s-maj=13.3km s-min=6.1km az=20.0, PFXIMO

INMG 16 04:40:55.1, 1.2, 36.57N:7.15W, h24km, 10km, ML1.7, Error ellipse: s-maj=10.7km s-min=5.0km az=76.0

ISC 16 04:40:54.0, 1.1, 36.57N:0.07, 7.14W:0.04, h38km, n27, 0.884/45, 6D, Strait of Gibraltar

Main table for station data under ISC 16 04:40:54.0, 1.1, 36.57N:0.07, 7.14W:0.04, h38km, n27, 0.884/45, 6D, Strait of Gibraltar. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, Bandwidth, Modulation, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LJJA Lijar, PCBR Castelo Branco, AVE Averroes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EZAM Zamans, PMJU Montehunto, PMJU Montehunto, etc.

NEIC 16 07:16:23.7 1.4, 31.20Sx69.18W, h127km, 19km, MD3.5(GUC), Error ellipse: s-maj=13.8km s-min=8.6km az=51.0

GUC 16 07:16:25.0 0.8, 31.31Sx69.55W, h150km, 12km, MD3.5, ML3.7

ISC 16 07:16:24.3 0.9, 31.28Sx04.69.24W, 0.05, h118km, 8km, n20, c0.91/37, 13C-4D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, CMCH Combarbala, MDZ Mendoza, etc.

MOS 16 07:21:13.4 1.5, 51.36N, 177.09W, h33km, mb4.1/6, Error ellipse: s-maj=17.2km s-min=9.6km az=80.1

BUI 16 07:21:14.5, 51.73N, 177.37W, h32km, mb5.1, mb4.9, Ms4.2, Ms24.4

NEIC 16 07:21:17.6 0.4, 51.46N, 177.16W, mb4.6/16, ML4.4(AEIC), Error ellipse: s-maj=7.7km s-min=5.4km az=171.0

IDC 16 07:21:17.6 0.6, 51.54N, 177.05W, h45km, 4km, mb4.0/14, mb1.4/2/15, mb1mx4.0/23, MS3.5/2, Ms1 3/6/2, ms1mx3.2/27, Error ellipse: s-maj=17.0km s-min=10.4km az=176.0

ISC 16 07:21:15.5 0.3, 51.36N, 04.47.177.19W, 0.04, h44km, h44km, 1.3km, p, n103, c1.13/109, mb4.5/25, MS3.5/2, 1C-1D, Andreev Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, KIRW Kanaga Island, KIRK Kanaga Island, etc.

MDD 16 07:13:07.2 1.9, 41.05N, 13.39W, mb4.2/7, Error ellipse: s-maj=17.4km s-min=10.9km az=93.0, PRXIMO

INMG 16 07:13:09.0 0.7, 41.09N, 13.85W, h10km, 41km, ML2.5, CACH

Error ellipse: s-maj=23.6km s-min=4.0km az=94.0

ISC 16 07:13:08.2 1.4, 40.99N, 04.47.13.07W, 0.08, h10km, n34, c1.15/55, North Atlantic Ocean

Table with columns: MDJ, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mudanjiang, Nelson Butte, Lincroft, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, WRR, WRM, WRS, etc.

Table with columns: STW, Station Name, Time, Res, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Striped Peak, Gonzales, FMW, etc.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like DOWB Downie Slide, MNOB Mounzel Dainar, and others.

NNC 16 08:43:58.5-4.3, 44.52N, 80.92E, mpv2.9, 8C, Error ellipse: s-maj=39.5km s-min=32.3km az=148.0, Kazakhstan-Xinjiang border region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like MK31 Makanchi Array, KURK Kurchatov, and others.

IDC 16 08:46:15.3-5.8, 25.30N, 109.21W, mb3.2/2, mb1 3.6/5, mb1mx3.6/16, ML3.9/2, MS3.8/2, Ms1 3.7/2, ms1mx3.4/13, Error ellipse: s-maj=93.7km s-min=31.1km az=162.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like LTX Lajitas, TXAR Lajitas Array, and others.

DJA 16 09:04:04.7, 7.765S, 106.08E, h39km, MB3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Jawa

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes station KBK Karagaybulak.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like KBK 216um, 0.2s, TKM2 Tokmak 2, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like KK31 Makanchi Array, KURK Kurchatov, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like KURK Kurchatov, KURK Kurchatov, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like ZRNC Zerenda, ZRNC Zerenda, and others.

IDC 16 09:06:16.7-0.7, 42.53N, 75.45E, mb4.8/17, mb1 5.0/19, mb1mx5.0/19, ML4.9/2, MS4.0/10, Ms1 4.1/10, ms1mx3.9/19, Error ellipse: s-maj=22.2km s-min=16.2km az=63.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like KALI Kaliaistana, KALI Kaliaistana, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like DMN Daman, SVE Sverdlovsk, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like MOY Mondy, BHJ Bhuj, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like GOF Gofitskoye, GOF Gofitskoye, and others.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like VRSR VRSR, VRSR VRSR, and others.

KNET 16 09:06:17.6-0.2, 42.58N, 75.30E, h18km, 2km, m4.9, Error ellipse: s-maj=2.7km s-min=1.5km az=38.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and Residual. Includes stations like KBD Kabd, VRSR Storzhevo, and others.



2004 JAN

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16d 9h

Table with 6 columns: Station Name, Frequency, Band, Power, and other technical parameters. Includes stations like HHC, MOS, GYA, ARCS, and LPL.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JOF Joensuu, KIF Kilpisjärvi, FIAO FINESS Array S.

IDC 16 10:38:06.1s9.7, 3.23S:77.37W, h75km, 99km, mb3.6/9, mb1 3.9/10, mb1mx3.8/17, ML4.0/1, Error ellipse: s-maj=126.0km s-min=26.9km az=52.0

NEIC 16 10:38:09.2s1.4, 3.53S:77.69W, h111km, 12km, mb4.2/5, Error ellipse: s-maj=44.2km s-min=7.0km az=59.0

ISC 16 10:38:08.9s2.3, 3.55S:3.77E, ML0.4, h125km, 20km, n24, n950/24, mb3.9/14, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OTAV Otavalo, LPAZ La Paz, CPUP Villa Florida, TXAR Lajitas Array, WMOK Wichita Mouna, etc.

IDC 16 10:50:46.1s3.2, 3.42S:134.90E, mb3.7/2, mb1 3.8/3, mb1mx3.8/9, ML3.2/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/13, Error ellipse: s-maj=152.0km s-min=28.9km az=78.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KAKA Kakadu, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 16 10:52:01.9s3.7, 5.79S:26.24W, h38km, 27km, mb4.1/3, mb1 4.2/3, mb1mx4.0/8, MS3.3/1, Ms1 3.3/1, ms1mx3.1/7, Error ellipse: s-maj=90.6km s-min=30.8km az=43.0

NEIC 16 10:52:03.0s0.5, 5.79S:25.87W, h55km, mb4.5/2, Error ellipse: s-maj=27.5km s-min=10.6km az=62.0

ISC 16 10:52:14.4s2.7, 6.05S:0.26E, ML0.4, h206km, 32km, n28, n1807/17, mb3.8/7, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SBA Scott Base, VNA Vanda, LPAZ La Paz, etc.

NAO 16 10:54:02.9s3.6, 59.32N:26.84E, ML2.4, BER 16 10:54:03.6s3.5, 59.26N:27.02E, ML2.4(NAO), Suspected explosion

HEL 16 10:54:04.0s0.4, 59.28N:27.00E, ML1.9, ML2.4(NAO), Explosion

ISC 16 10:54:07.4s1.7, 59.56N:0.07E, 0.1, n15, n136/25, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include VJF Virojoki, VJF Vire, PVF Pernaja, MEF Metsahovi, FIAO FINESS Array S, etc.

IDC 16 10:57:07.5s3.0, 23.42S:179.94W, h508km, 33km, mb3.4/4, mb1 3.8/5, mb1mx3.6/9, Error ellipse: s-maj=40.0km

NEIC 16 10:57:09.4s3.2, 23.56S:179.95W, h536km, 44km, Error ellipse: s-maj=35.7km s-min=13.9km az=185.0

ISC 16 10:57:09.4s2.2, 23.55S:0.1180E, 0.2, h545km, 55km, n15, n961/16, mb4.3/9, ID, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include URZ Urewera, URZ Urewera, CTA Charters Tower, CTA Charters Tower, PMG Port Moresby, etc.

NEIC 16 11:13:50.3s41.82S:174.10E, h12km, ML3.9(WEL), After WEL

WEL 16 11:13:50.2s0.1, 41.86S:174.13E, h13km, ML3.9/10, Error ellipse: s-maj=1.1km s-min=1.1km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CCW Cape Campbell, CCW Cape Campbell, CMWZ Cape Campbell, BSWZ Black Birch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAEZ Rainy Point, RAEZ Rainy Point, NEZ North Egmont, etc.

TIF 16 11:21:31.5s41.05N:44.16E, h6km, Mpv4.6, IDC 16 11:21:38.0s4.6, 41.68N:44.67E, mb3.6/4, mb1 3.8/4, mb1mx3.6/4, MS3.3/1, Ms1 3.3/1, ms1mx2.7/19, Error ellipse: s-maj=105.0km s-min=27.3km az=9.0

MOS 16 11:21:38.6s1.4, 41.77N:44.91E, h20km, mb3.7/6, Error ellipse: s-maj=20.3km s-min=12.2km az=59.5

NEIC 16 11:21:40.0s0.8, 41.80N:44.73E, h15km, Error ellipse: s-maj=17.5km s-min=9.8km az=165.0

ISC 16 11:21:29.9s0.5, 41.11N:0.03E, 44.15E:0.04, h6km, n39, n141/48, mb3.6/5, MS3.2/1, 5C-3D, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AKH Akhalkalaki, AKH Akhalkalaki, MTA Mtatsminda, MTA Mtatsminda, TBLG Tbilisi, etc.

MAK Makhachkala, MAK Makhachkala, EZC Erzincan, GUMT Gumushane, BEST Besiri, GOF Gofitskoye, etc.

GERES GERESS Array B, GERES GERESS Array B, GERES GERES

FINES FINESS Array A, FINES FINESS Array B, FINES FINESS Array B

KURK Kurchatov, KURK Kurchatov, MKAR Makanchi Array, MKAR Makanchi Array

ZAL Zalesovo, ZAL Zalesovo, ZAL Zalesovo

BOD Bodaibo, BOD Bodaibo

DJA 16 11:42:39.8s5.39S:103.20E, h24km, MB3.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PENI Pendangan, PASI Pasiripis, KALI Kaliastana, PARI Pancar Gunung, SINI Singh

NEIC 16 11:53:50.8s0.1, 43.36N:3.24E, h5km, ML1.9(LDG), After LDG, LDG 16 11:53:50.8s0.1, 43.36N:3.24E, h5km, Md2.0/2, ML1.9/4









Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 13.06 146 Op ISC 15 56 31.3 -2.5

LDG 16 16:15:45.1s.6.0.34S:132.22E,mb3.4/2,mb1 3.6/3, mb1mx3.5/10,ML3.5/1, Error ellipse: s-maj=360.0km s-min=25.5km az=70.0,Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

LDG 16 16:17:07.0s.0.2.43.37N:3.23E,h5km,Md1,9/2,MI2.1/3, Error ellipse: s-maj=7.3km s-min=1.7km az=147.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

LDG 16 16:22:00.7.0.2.43.37N:3.23E,h7km,2km,Md1.6/2,MI1.9/2, Error ellipse: s-maj=7.2km s-min=2.3km az=159.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

MOS 16 16:22:49.3.0.9.4.28S:102.94E,h33km,mb5.0/19, Error ellipse: s-maj=17.4km s-min=9.7km az=110.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

LDG 16 16:22:55.8.9.4.50S:102.79E,h50km,78km,mb4.6/10,mb1 4.6/10,mb1mx4.4/14,MS3.7/2,Ms1 3.7/2,ms1mx3.4/18, Error ellipse: s-maj=40.1km s-min=17.1km az=52.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

LDG 16 16:22:55.4.0.9.4.47S:102.96E,h18km,MB4.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 19.59 174 Op ISC 16 20 14.9 -2.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=N,624nm,14.0s LR LR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=E,520nm,14.6s LR LR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=E,932nm,13.8s LR LR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=E,2.15nm,0.7s,mb4.9 SSS

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,2.446nm,4.7s AMB AMB

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,15nm,0.7s,mb4.9 NDI NDI

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,2.0nm,0.8s,mb4.5 PMG Port Moresby 44.14 99 eP P 16 30 57.6 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,2.0nm,0.8s,mb4.5 PMG Port Moresby 44.14 99 eP P 16 30 57.6 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,2.0nm,0.8s,mb4.5 PMG Port Moresby 44.14 99 eP P 16 30 57.6 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station NJ2 comp=Z,2.0nm,0.8s,mb4.5 PMG Port Moresby 44.14 99 eP P 16 30 57.6 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=N,7.0nm,0.9s pmax pmax

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=E,10.0nm,1.0s pmax pmax

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,2.7nm,0.6s,mb4.2 TIXI Tikisi 77.84 8 eP P 16 34 42.6 -1.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,6.0nm,1.2s,mb4.2 TIXI Tikisi 77.84 8 eP P 16 34 42.5 -1.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,1.1nm,0.9s,mb4.7 OBNSK Obninsk 80.43 328 eP P 16 34 57.3 -1.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,2.1nm,0.9s,mb4.7 JOF Joensuu 85.70 334 eP P 16 35 20.4 -4.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,1.0nm,0.4s,mb4.2 FINES FINESS Array B 87.65 332 P P 16 35 35.1 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,1.0nm,0.4s,mb4.2 FINES FINESS Array B 87.65 332 P P 16 35 35.2 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,2.8nm,1.2s,mb4.8, baz=104,slow=5.6,SNR=15 KAF Kangasniemi 87.70 333 eP P 16 35 34.9 +0.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station VRSR comp=Z,2.8nm,1.2s,mb4.8, baz=104,slow=5.6,SNR=15 ARCES ARCESS Array B 89.78 340 P P 16 35 44.9 +0.7

NEIC 16 16:27:54.8.2.0.14.51N:145.74E,h98km,14km, Error ellipse: s-maj=41.4km s-min=14.1km az=94.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station GUMO Guam 1.20 219 Op ISC 16 28 17.7 +0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station WRA Warramunga Arr 36.01 198 eP P 16 34 46.8 -0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station FITZ Fitzroy Crossi 37.95 212 eP P 16 35 03.3 +0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station ASAR Alice Springs 39.66 197 P P 16 35 17.6 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station ZAL Zalesovo 61.31 324 P P 16 38 00.9 +0.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station MKAR Makanchi Array 61.34 316 P P 16 38 01.2 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station ILAR Eielson Array 67.40 25 P P 16 38 39.8 -0.2

NEIC 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station LDG LDG 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station LDG LDG 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station LDG LDG 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station LDG LDG 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Station LDG LDG 16 16:29:55.8.0.1.43.41N:3.19E,h5km,ML2.2(LDG), After LDG







Table with columns: NOA, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NVAR, SUW, DUG, BW06, etc.

Table with columns: WMOK, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SSF, KRIS, UMJS, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VAO, Valinhos, PICO, CALA, SETA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PTOM, OTAV, ELJU, PCOI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LBNH, MVL, SDMM, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like LOR, PAYG, MVIF, GDM, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like SDI, SNTG, FSSB, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like HCY, CLL, CLL, etc.

16d 18h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like XOR Xorichti, VAY Valandovo, KONO Kongsberg, etc.

2004 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NSS Namsos, PRT Provadia, VRI Vriociaia, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HMDT Nahal Hemdat, BYBT Boyabat, MDRJ Mduarahr, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like SOC, BSMT, LTHS, PFO, ERZM, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like GOF, WWOR, WCN, TATS, BEKR, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like QRN, DLBC, MAIT, NVL, INK, etc.

16d 18h

Table listing station information for 16d 18h, including station name, code, time, and various parameters like P, S, and I.

2004 JAN

Table listing station information for 2004 JAN, including station name, code, time, and various parameters like P, S, and I.

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Table listing station information for 382, including station name, code, time, and various parameters like P, S, and I.



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Table with columns: FCH, Farellones, 1.42, 13, P, 18 44 32.8 +0.5, etc.

IDC 16 18:56:16.8:8.1, 13.19N-91.32W, mb4.0/6, mb1 4.2/7, mb1mx4.0/16, ML4.1/1, Error ellipse: s-maj=165.0km s-min=54.3km az=3.0

NEIC 16 18:56:21.9:2.4, 13.38N-91.93W, h10km, mb3.8/2, MD4.0(MEX), Error ellipse: s-maj=39.1km s-min=29.7km az=188.0

CASC 16 18:56:26.7:2.3, 13.50N-91.80W, h18km, 16km, MD4.1, mb3.8(NEIC)

MEX 16 18:56:33.1:0.5, 13.90N-92.51W, h16km, 293km, MD4.1

ISC 16 18:56:25.8:1.2, 13.62N-101.99W, 0.06, h40km, 10km, n32, r13/38, mb4.0/7, 5C-1D, Near coast of Guatemala

Main station list for Guatemala area with columns: Code, Station Name, Az, Op, ISC, Time, Res, etc.

MOS 16 19:08:31.7:1.5, 5.3.11N-128.92E, h10km, mb4.4/9, Error ellipse: s-maj=11.0km s-min=7.8km az=106.9

MOS Felt (I) at Zeya; (II) at Ekimchan, IDC 16 19:08:31.7:0.7, 5.3.12N-129.17E, mb4.0/12, mb1 4.2/12, mb1mx4.1/20, Error ellipse: s-maj=21.2km s-min=17.7km az=72.0

NEIC 16 19:08:33.0:0.4, 5.3.11N-128.98E, h10km, mb4.2/4, Error ellipse: s-maj=10.9km s-min=8.1km az=106.0

NEIC Felt (IV) at Zeya and (II) at Ekimchan, SKHL 16 19:08:33.0:0.8, 5.3.08N-128.91E, h1km, 4km, mb5.2/6, Ms5.0/4, Felt (IV-V) at Oktyabrskii; (IV) at Yasni, Zeya, Algach; (II) at Ekimchan

BUI 16 19:08:34.6, 52.84N-128.73E, h10km, mb4.4, Ms4.9, Ms24.7

ISC 16 19:08:31.9:0.2, 5.3.18N-102.32E, 0.04, h10km, n104, r134/120, mb4.3/31, 5C-4D, Southeastern Siberia

Main station list for Southeastern Siberia area with columns: Code, Station Name, Az, Op, ISC, Time, Res, etc.

2004 JAN

Main station list for 2004 JAN with columns: Code, Station Name, Az, Op, ISC, Time, Res, etc.

16d 19h

Main station list for 16d 19h with columns: Code, Station Name, Az, Op, ISC, Time, Res, etc.

16d 21h

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

IDC 16:19:35:54.7-0.8,35.72N-141.10E, mb3.9/9, mb1 4.1/11, mb1mx4.0/20, ML3.8/2, MS3.7/1, Ms1 3.7/1, ms1mx3.2/28, Error ellipse: s-maj=29.8km s-min=15.6km az=93.0

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

2004 JAN

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

WAR 16:19:57:45.9,51.47N-116.11E, ML2.5, Mining Induced PRU 16:19:57:45.0,51.44N-116.15E

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

NEIC 16:19:58:49.2,38.23N-21.51E, h13km, ML3.2(ATH), After ATH.

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

IDC 16:20:04:10.1,5.3,55.27S-142.22W, mb3.9/2, mb1 4.2/2, mb1mx4.0/8, Error ellipse: s-maj=632.0km

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

IDC 16:20:18:41.0,1.9,7.40S-124.43E, mb3.9/1, mb1 4.5/3, mb1mx4.1/8, ML4.1/2, Error ellipse: s-maj=192.0km

NEIC 16:20:18:51.4,1.7,8.63S-123.03E, h93km, 17km, mb4.4/4, Error ellipse: s-maj=20.1km s-min=10.8km az=71.0

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

IDC 16:20:34:37.1-4.7,26.90N-52.70E, mb3.7/5, mb1 3.9/5, mb1mx3.7/16, Error ellipse: s-maj=104.0km s-min=50.9km az=179.0

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

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

GRAL 16:20:38:14.6,1.1,3.4,90N-36.44E, h20km, MD3.2, Gll 16:20:38:15.3,0.8,3.4,88N-36.40E, h5km, 30km, ML2.4/5, MW2.7/4

NSSC 16:20:38:15.7,3.4,77N-36.40E, h13km, 4km, ISC 16:20:38:16.7,0.2,34.77N-0.02-36.36E, 0.08, h13km, n21, s=1507/36, 2C-7D, Jordan - Syria region

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

NEIC 16:21:06:23.8,0.6,43.76N-105.26W, ML3.2, Error ellipse: s-maj=8.0km s-min=6.9km az=4.0, Suspected Mining explosion.

NEIC 16:21:06:23.5,2.6,43.89N-105.47W, mb3.7/1, mb1 3.8/4, mb1mx3.6/16, ML4.2/2, Error ellipse: s-maj=57.2km s-min=15.5km az=146.0

IDC 16:21:06:21.5,0.6,43.76N-105.25W, 0.07, n26, s=1830/38, mb3.6/1, Wyoming

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

IDC 16:21:06:23.5,2.6,43.89N-105.47W, mb3.7/1, mb1 3.8/4, mb1mx3.6/16, ML4.2/2, Error ellipse: s-maj=57.2km s-min=15.5km az=146.0

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

IDC 16:21:08:47.1,5.4,4.33N-123.30E, mb3.4/4, mb1 3.7/4, mb1mx3.3/12, Error ellipse: s-maj=284.0km s-min=21.8km az=65.0, Celebes Sea

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

IDC 16:21:13:17.3,18.73N-66.72W, h84km, MD4.0(RSPR), After RSPR.

RSPR 16:21:13:17.3,18.73N-66.72W, h84km, 1km, M4.0, ISC 16:21:13:16.6,1.2,18.7N-0.1,66.70W-0.05, h84km, 12km, n21, 0,45/27, 12C-SD, Puerto Rico region

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



17d 0h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GERES GRESS Array B, LCP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LWH Whinny Nab, LMP Market Rasen, etc.

WEL 16:21:45:01.7-1.1, 36.155x179.87E, h33km, ML4.0/5, Error ellipse: s-maj=15.6km s-min=11.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PUZ Puketiti, URZ Urewera, etc.

BAO 16:22:56:06.4-8.4, 78.36N-8.07E, ML2.1(NAO) NER 16:22:56:05.1-14.0, 78.52N-8.01E, h2km, 88km, ML2.1, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KBS Kingsbay, SPA0 Spitzbergen Ar, etc.

IDC 16:22:58:13.9-1.5, 37.73N-21.01E, mb4.1/9, mb1 4.2/15, mb1mx4.1/22, ML4.1/6, MS3.3/1, Ms1 3.3/1, ms1mx2.8/23, Error ellipse: s-maj=3.3km s-min=19.5km az=7.0

MOS 16:22:58:14.9-1.0, 37.49N-20.73E, h33km, mb4.3/9, Error ellipse: s-maj=19.9km s-min=6.1km az=69.0

NEIC 16:22:58:16.6-37.64N-20.89E, h18km, MD4.0(PDG), ML4.2(THE), ML4.0(ATH), After ATH.

ATH 16:22:58:16.6-37.64N-20.89E, h18km, 3km, MD4.0/14, ML4.0

THE 16:22:58:20.1-0.1, 37.71N-20.98E, h12km, ML4.2 PDG 16:22:58:20.1-0.1, 37.86N-20.20E, h13km, 1km

IDC 16:22:58:15.0-0.3, 37.62N-0.03, 20.76E-0.02, h18km, n118, c1939/150, mb3.9/16, MS3.4/2, 9C-5D, Ionian Sea

Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like VLS Valsamata, ITM Ithomi, etc.

2004 JAN

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TTG TTTG, PVY Plav, VAE Valguarnera, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ZON Zonda, JACH Jahuel, etc.

IDC 16:23:58:42.8-8.8, 14.73N-145.51E, mb3.7/3, mb1 3.9/3, mb1mx3.7/12, MS3.5/2, Ms1 3.5/2, ms1mx3.1/18, Error ellipse: s-maj=325.0km s-min=28.1km az=80.0, Mariana Islands

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

NEIC 17:00:00:18.5, 63.34N-145.39W, h1km, ML3.6(PMR), ML3.2(AEIC), After AEIC

PGC 17:00:00:21.1, 63.33N-145.24W, h10km, ML3.4/2, Eastern Alaska, Central Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kingsbay, Moi Rana, ARAO, ARCES, AREO, KEV, MOL, FOO, NOA, APAA, HFS, KAF, FIAO, FINES, JOF, SUW, VRAC, GERES, FRB, BVAR, YKA, YKA, ILAR, MKR, PDAR, TXAR, KRSC.

KRSC 17 00:22:43.6, 0.5, 94.87N, 162.36E, h20km, 4km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mys Kozlova, Tumrok, Krutoberegovo, Kamnistsyaya, Krestovskiy, Klyuchi, Shiveluch, Kozyrevsk, Sredinnyy, Shipunskiy, Esso, Somma, Uglova, Avacha, Koryak, Ganaly, Petropavlovsk, Karymshinskiy, Russkaya, Gorelyy.

MOS 17 00:32:48.2, 0.8, 38.44N, 73.95E, h116km, mb4.4/7, Error ellipse: s-maj=17.7km s-min=7.2km az=103.7

BJI 17 00:32:49.8, 38.62N, 74.09E, h118km NEIC 17 00:32:50.5, 0.5, 38.52N, 74.11E, mb4.4/5, Error ellipse: s-maj=10.2km s-min=8.4km az=58.0

IDD 17 00:32:50.7, 1.1, 38.47N, 74.09E, h125km, 5km, mb3.8/10, mb1.4/0.13, mb1mx3.9/18, MS2.0/1, Ms1 2.0/1, ms1mx2.0/22, Error ellipse: s-maj=22.2km s-min=17.4km az=11.0

NNC 17 00:32:53.0, 2.3, 39.05N, 74.04E, h33km, mpv4.0, Error ellipse: s-maj=25.7km s-min=9.4km az=22.0

ISC 17 00:32:48.0, 0.3, 38.39N, 0.02, 74.10E, 0.06, h119km, 5km, h123km, 1.2km, p-P, n50, r130/105, mb4.2/17, 8C-12D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kashi, Somma, Almayashu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZA, UCH, ULHL, AAK, KBK, CHMS, TKM2, CHCP, USP, CEP, KK31, KKAR, THW, THN, SARP, PONG, SBDP, DRP, SMLA, JOSI, PTH, PTH, AYAN, MK31, MKAR, MKAR, KUDL, KUDL, WMQ, JASL, JURJ, AJM, KURK, KURK, DANN, KOLN, GKN, KKN, BVAR, BVAR, AB31, BRVK, BRVK, BRVK, ZRKN, ZRKN, ZRKN, CHKZ, CHKZ, CHKZ, CHKZ, LSA, LSA, LSA, ZAL, ZAL, ZAL, SHRR, SHRR, SVE, ARU, ARU, ARU, HYB, HYB, HYB, KGD, KGD, GNI, GNI, GNI, ZAK, ZAK, RDF, RDF, NAY, NAY, RST, RST, JOF, JOF, FINES, KAF, KAF, KAF, KEV, KEV, ARCS, BRG, BRG, BRG, GERES, GERES, CLL, CLL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL, CLL, CLL, NB2, NOA, NOA, SPITS, SPITS, DAVOS, DAVOS, ESDC, INK, INK, INK, INK, ILAR, ILAR, YKA, YKA, YKA, YKA, WRA, WRA.

IDC 17 01:06:17.3, 5.9, 5.06S, 133.54E, mb3.9/1, mb1.4/3, mb1mx1.8/18, ML4.0/2, MS3.4/1, Ms1.3/4/1, ms1mx3.0/10, Error ellipse: s-maj=339.0km s-min=32.3km az=77.0

NEIC 17 01:06:27.3, 1.3, 5.49S, 133.46E, h45km, Error ellipse: s-maj=19.2km s-min=17.4km az=151.0

ISC 17 01:06:23.4, 2.8, 5.45S, 0.08, 133.40E, 0.10, h28km, 24km, n13, r122/19, mb3.8/1, Aru Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA, PMG, WRAB, WRA, WB2, FITZ, ASAR, ASAR, ASPA, CTA, CTA, MBWA, MKAR, KURK.

IDC 17 01:13:47.7, 2.5, 1.66N, 96.26E, mb4.2/7, mb1.4/3/7, mb1mx4.1/13, Error ellipse: s-maj=140.0km s-min=19.1km az=53.0

NEIC 17 01:13:54.0, 0.5, 1.92N, 96.63E, h35km, mb4.7/2, Error ellipse: s-maj=16.9km s-min=7.7km az=48.0

DJA 17 01:13:54.0, 1.1, 92N, 96.63E, h35km, MB4.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 17 01:13:52.4, 2.0, 2.0N, 0.1, 96.6E, 0.2, h37km, 15km, n18, r059/20, mb4.2/9, 2C-1D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI, PSI, BSI, BSI, LPM, WRA, WRAB, WB2, ASAR, MKAR, PMG, ZAL, ZAL, BVAR, ZRKN, CHKZ, FINES, ARCS.

BJI 17 01:15:12.3, 37.82N, 76.38E, h23km, ML3.5, NNC 17 01:15:17.0, 4.5, 39.15N, 75.72E, h133km, 94km, mpv3.6, Error ellipse: s-maj=59.8km s-min=29.8km az=21.0

ISC 17 01:15:09.7, 0.7, 37.50N, 0.04, 75.8E, 0.1, h139km, 11km, n18, r136/25, mb3.5/1, 5C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH, KSH, KSH, KZA, UCH, AML, THN, KBK, TKM2, PONG, BHK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Simla, Karatay Array, Aya Nagar, Kundal, Makanchi Array, etc.

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

NIED 17 02:22:00.37, 40N, 142.10E, h26km, Mw3.9. Best double couple: M6.75x1014 Np1qz261', 358', 190'. NP2: q81', 332', 190'.

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

ROM 17 02:34:34.9, 0.4, 46.69N, 11.22E, h5km, MD2.9/2, ML2.2/3. Error ellipse: s-maj=4.2km s-min=1.8km az=9.0M.

PRU 17 02:34:36.8, 46.82N, 11.37E. Error ellipse: s-maj=3.2km s-min=3.0km az=162.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Obergurgi, Schlegeis, Sankt Quirin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Teolo, Lussari, Colorado, Drenchia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Oaxaca, Matias Romero, Huatulco, etc.

NEIC 17 02:47:16.1, 60.31N, 153.61W, h188km, mb4.3/3, After AIC.

IDC 17 02:47:18.0, 2.9, 60.49N, 153.77W, h184km, 22km, mb3.6/11, mb 1.3/9.16, mb 1mx3.8/2.0, Error ellipse: s-maj=30.8km s-min=11.9km az=36.0.

ISC 17 02:47:15.4, 0.3, 60.35N, 153.68W, 0.08, h180km, 3km, n71, c08875, mb4.0/14, Southern Alaska

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

GLM Gilmore Dome 5.48 29 P P 02 49 36.0 -0.4

IMA Indian Mountain 4.74 360 EP P 02 48 40.8 +1.0

ANN Nome 6.87 313 EP P 02 48 56.0 +1.3

DAW Dawson 7.38 84 P P 02 49 05.9 +1.0

TNA Tin City 8.32 315 EP P 02 49 15.1 +1.4

INK Inuvik 11.77 39 P P 02 49 58.7 +0.3

INK Inuvik 11.77 39 P P 02 49 58.6 +0.2

DLBC Dease Lake 12.19 89 EP P 02 50 05.2 +1.5

BBB Bella Bella 16.29 190 P P 02 50 57.4 +2.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

YKA Yellowknife Ar 18.62 66 P P 02 51 21.3 +0.3

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

NNC 17 03:17:45.5, 1.4, 37.81N, 65.86E, h33km, mpv3.5, 7C, Error ellipse: s-maj=19.6km s-min=9.4km az=136.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AB31 Akbulak array, etc.

SKHL 17 03:20:22.9, 0.3, 53.12N, 128.92E, h7km, 1km, mb4.0/5, 2C, Southeastern Siberia

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PCBR	Castelo Branco	2.98	7	P	P	03 49 48.6	-1.4
PCBR				S	S	03 50 21.3	-3.7
ECOG	Cogoloso Vega	3.52	82	S	S	03 50 34.8	-3.9
EBAN	Banos Encina	3.55	67	P	P	03 49 55.5	-2.5
EBAN				S	S	03 50 32.3	-6.9
EBAN	Banos Encina	3.55	67	P	P	03 49 55.5	-2.5
EBAN				S	S	03 50 33.0	-6.3
EQES	Quesada	3.99	75	P	P	03 50 01.6	-2.7
EQES				S	S	03 50 45.1	-5.4
EQES	Quesada	3.99	75	P	P	03 50 01.7	-2.6
EQES				S	S	03 50 45.1	-5.4
EBER	Berja	4.05	88	S	S	03 50 46.4	-5.7
ESDC	Sonsecia Array	4.20	47	P	P	03 50 04.8	-2.5
ESDC				S	S	03 50 51.3	-4.4
ESDC	Sonsecia Array	4.20	47	P	P	03 50 04.8	-2.5
ESDC				S	S	03 50 51.3	-4.4
EHUE	Huescar	4.37	76	S	S	03 50 54.9	-5.0
ELOB	Lobios	4.99	359	S	S	03 51 10.8	-4.8
ECAL	Calabar	5.14	10	P	P	03 50 19.0	-1.6
ECAL				S	S	03 51 14.2	-5.5
ECAL	Calabar	5.14	10	P	P	03 50 19.0	-1.6
ECAL				S	S	03 51 14.2	-5.5
ETOB	Tobarra	5.37	69	P	P	03 50 20.1	-3.6
ETOB				S	S	03 51 17.3	-7.9
ETOB	Tobarra	5.37	69	P	P	03 50 20.1	-3.6
ETOB				S	S	03 51 17.3	-7.9
ETOR	Torete	6.05	48	P	P	03 51 34.3	-8.1
ETOR				S	S	03 51 30.9	-2.4
ETOR	Torete	6.05	48	P	P	03 51 34.3	-8.1
ETOR				S	S	03 51 30.9	-2.4
EMOS	Mosqueruela	6.81	57	P	P	03 51 54.2	-6.9
EMOS				S	S	03 51 54.2	-6.9

IDC 17 03:56:52.7±0.1, 1.05N-125.80E, mb3.5/3, mb1 3.8/3, mb1mx3.7/1.0, Error ellipse: s-maj=183.0km s-min=24.8km az=65.0, Northern Molouca Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	22.48	159	P	P	04 01 53.0	-2.2
ASAR	Alice Springs	25.80	163	P	P	04 02 26.3	-1.0
MKAR	Makanchi Array	59.24	327	P	P	04 06 55.9	-2.4

IDC 17 04:03:22.4±1.2, 14.01S-166.93E, mb4.3/4, mb1 4.5/4, mb1mx4.2/1.1, Error ellipse: s-maj=34.9km s-min=30.5km az=148.0

NEIC 17 04:03:29.6±0.8, 14.06S-166.94E, h55km, mb4.8/2, Error ellipse: s-maj=25.1km s-min=17.4km az=163.0

ISC 17 04:03:27.2±1.3, 15.1S±0.1, 167.3E±0.2, h55km, n15, c0577/13, mb4.4/7, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PVC	Port Vila	2.83	160	P	P	04 04 11.4	+0.4
DZM	Mont Dzumac	7.01	187	P	P	04 05 09.4	+0.3
DZM				S	S	04 06 15.4	-1.3
URZ	Urewera	24.67	161	P	P	04 08 55.4	+1.1
WRB	Warramunga Arr	31.76	256	P	P	04 09 48.6	0.0
WRB	Tennant Creek	31.77	256	P	P	04 09 47.9	0.0
WRA	Warramunga Arr	31.78	256	P	P	04 09 48.7	-0.1
ASAR	Alice Springs	32.58	252	P	P	04 09 55.5	-0.2
ASPA	Alice Springs	32.59	250	P	P	04 09 55.0	+0.3
FITZ	Fitzroy Crossi	39.98	260	P	P	04 10 59.7	+1.4
MBWA	Mwabla	45.49	255	P	P	04 11 42.9	+0.3
ULN	Ulanbaatar	82.43	324	P	P	04 15 45.8	+0.8
ILAR	Eielson Array	86.84	18	P	P	04 16 04.5	-2.0
FINES	FINES Array B	126.05	338	PKP	PKP	04 22 23.0	-0.1
FINES	FINES Array B	126.05	338	PKP	PKP	04 22 23.0	-0.1
DAVOX	Davos	143.20	334	PKP	PKP	04 22 54.6	-0.6

IDC 17 04:33:37.6±6.0, 27.79S-67.71W, h95km, 47km, mb3.6/4, mb1 3.8/6, mb1mx3.7/1.1, MS2.8/1, Ms1 2.9/1, ms1mx2.7/9, Error ellipse: s-maj=68.5km s-min=30.0km az=47.0

NEIC 17 04:33:37.9±2.7, 27.62S-67.50W, h145km, MD4.0(GUC), After GUC

GUC 17 04:33:37.9±1.0, 27.62S-67.50W, h145km, MD4.0, ML5.1

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CPCH	Copiapó	2.61	276	P	P	04 34 20.4	+0.8
CPCH				S	S	04 34 51.1	+0.9
CPCH				AMP	AMP	04 34 55.3	
VACH	Vallenar	3.08	252	P	P	04 34 26.4	+0.7
VACH				S	S	04 35 02.6	+0.3
VACH				AMP	AMP	04 35 04.1	
TLT	Tololo Astrono	3.88	229	P	P	04 34 37.4	+1.2
TLT				S	S	04 35 23.2	+1.4
OVCH	Ovalle	4.43	227	P	P	04 34 43.1	+0.4
OVCH				S	S	04 35 33.0	+1.7
CMCH	Combarbala	4.70	221	P	P	04 34 47.4	+0.2
CMCH				S	S	04 35 41.3	+0.2
MDZ	Mendoza	5.57	193	P	P	04 35 48.6	+7.4
PACH	Papudo	5.99	214	P	P	04 35 03.5	-0.7
PACH				S	S	04 36 10.2	-1.9
FCH	Farellones	6.18	203	P	P	04 35 08.8	+1.9
FCH				S	S	04 35 09.3	
FCH				P	P	04 36 18.5	+1.7
FCH	Farellones	6.18	203	P	P	04 35 09.3	+2.4
CLCH	Cerro Calan	6.33	204	P	P	04 35 09.6	+0.7
CLCH				S	S	04 36 20.0	+0.4
RCDM	Rinconada Maip	6.51	206	P	P	04 35 11.4	-0.1
RCDM				S	S	04 36 23.6	-1.2
CPUP	Villa Florida	9.10	84	P	P	04 35 45.5	-0.6
CPUP				LR	LR	04 39 40.1	
LPAZ	La Paz	11.32	357	P	P	04 36 15.2	+0.3
VAO	Valinhos	19.06	81	P	P	04 37 50.2	-0.8
VAO				S	S	04 37 52.3	
VAO	Valinhos	19.06	81	P	P	04 37 50.2	-0.8
VAO				S	S	04 37 52.3	
TXAR	Lajitas Array	66.43	326	P	P	04 44 12.9	-0.7
PDAR	Pinedale Array	80.08	330	P	P	04 45 33.2	+0.4
ULM	Lac du Bonnet	81.55	342	P	P	04 45 40.2	-0.1
YKA	Yellowknife Arr	97.40	340	P	P	04 46 56.3	+1.0
ASAR	Alice Springs	124.99	204	PKP	PKP	04 52 23.3	+1.9
WRA	Warramunga Arr	128.22	206	PKP	PKP	04 52 28.5	+0.9
ZAL	Zalesovo	146.75	30	PKP	PKP	04 53 04.0	+2.2

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ZAL				pPKPbc		04 53 43.1	
MKAR	Makanchi Array	149.51	43	PKPbc	PKP	04 53 12.3	+7.5
MKAR				PKPbc		04 53 49.9	

IDC 17 05:03:30.0±18.0, 17.81S-179.59W, h628km±169km, mb3.1/3, mb1 3.4/3, mb1mx3.3/1.9, Error ellipse: s-maj=252.0km s-min=49.1km az=131.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	44.48	259	P	P	05 10 47.6	-1.9
ASAR	Alice Springs	44.65	254	P	P	05 10 49.4	-1.4
ASAR				PcP	PcP	05 12 17.2	-2.4
ILAR	Eielson Array	85.83	13	P	P	05 15 03.6	-1.8
MKAR	Makanchi Array	108.94	314	PKP	PKP	05 20 48.7	
GERES	GERES Array B	147.48	345	PKPbc	PKP	05 22 05.3	+4.3

SKHL 17 05:09:32.0±3.4, 51.3N-126.67E, h9km, 1km, mb4.6/7, FELT (III/IV) at Zolotaya Gora, (II) at Zeya  
IDC 17 05:09:36.0±2.0, 53.14N-123.83E, mb3.8/4, mb1 4.0/4, mb1mx3.6/16, Error ellipse: s-maj=77.9km s-min=29.1km az=49.0

ISC 17 05:09:30.5±0.5, 54.29N±0.04, 126.70E±0.05, h9km, n13, c115/22, mb3.8/3, 2D, Southeastern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KROS	Kirovskiy	0.22	47	P	P	05 09 36.3	+1.2
KROS				AMB	AMB	05 09 36.6	
KROS	950nm,0.3s			AMB	AMB	05 09 36.6	
KROS	Zeya	0.64	149	P	P	05 09 43.0	+0.8
ZEA				AMB	AMB	05 09 44.3	
ZEA	49nm,0.4s			AMB	AMB	05 09 44.3	
ZEA	87nm,0.4s			erx	rx	05 09 45.8	
ZEA				pPg	Pg	05 09 46.9	
ZEA				iSg	Sg	05 09 52.7	+0.8
ZEA				Sg	Sg	05 09 53.3	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
YASR	Yasny	1.25	142	P	P	05 09 54.9	-0.7
YASR				AMB	AMB	05 09 58.8	
YASR	150nm,0.4s			AMB	AMB	05 09 58.8	
YASR	83nm,0.4s			AMB	AMB	05 09 58.8	
YASR	230nm,0.4s			AMB	AMB	05 09 58.8	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BMKR	Bomnak	1.32	70	P	P	05 10 11.6	-0.7
BMKR				AMB	AMB	05 09 55.8	-1.4
BMKR	95nm,0.6s			AMB	AMB	05 09 55.8	
BMKR	290nm,0.6s			AMB	AMB	05 09 55.8	
BMKR	154nm,0.6s			iSg	Sg	05 10 12.6	-1.9

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BMKR	Ekmichan	3.91	106	P	P	05 10 33.4	+1.3
EKMR				S	S	05 10 36.6	
EKMR				Pg	Pg	05 10 43.3	-5.3
EKMR				AMB	AMB	05 10 46.7	
EKMR	38nm,0.5s			AMB	AMB	05 10 46.7	
EKMR	53nm,0.5s			AMB	AMB	05 10 46.7	
EKMR	57nm,0.5s						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KROS, EKMR, KAKA, WRA, etc.

IDC 17 07:38:27.5, 1.5, 2.23S, 138.55E, mb4.1/3, mb1 4.3/4, mb1mx4.1/9, ML4.1/1, Error ellipse: s-maj=60.4km s-min=11.4km az=94.0

NEIC 17 07:38:32.6, 0.9, 2.26S, 138.70E, h45km, mb4.4/4, Error ellipse: s-maj=18.4km s-min=14.0km az=73.0

ISC 17 07:38:25.7, 3.4, 2.17S, 138.70E, 0.1, h5km, 22km, n15, r=0159/16, mb4.25, 1.19, Irian Jaya

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

NEIC 17 07:45:36.2, 54.17N, 162.52W, h18km, ML3.9(AEIC), After AEIC

IDC 17 07:45:36.7, 4.5, 54.34N, 162.46W, h43km, 38km, mb3.8/10, mb1 4.0/13, mb1mx3.8/21, ML3.7/3, Error ellipse: s-maj=36.4km s-min=19.1km az=12.0

ISC 17 07:45:31.7, 0.6, 54.04N, 0.05, 162.36W, 0.05, h18km, n37, r=015/42, mb4.0/10, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRIA, FALS, BTLA, etc.

NEIC 17 09:29:43.0, 38.28N, 21.47E, h10km, MD3.1(ATH), After ATH

ATH 17 09:29:43.0, 38.28N, 21.47E, h10km, MD3.1/3, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS, VLS, ERS, etc.

ECX 17 09:47:21.7, 0.2, 30.78N, 114.33W, h11km, 2km, ML4.0, 1C-2D, Gulf of California

Code Station Name Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPX, SDX, RDX, etc.

IDC 17 09:47:43.7, 0.9, 20.73S, 174.23W, mb4.4/8, mb1 4.6/9, mb1mx4.6/13, ML4.5/1, Error ellipse: s-maj=44.1km s-min=19.8km az=135.0

NEIC 17 09:47:50.1, 3.8, 20.75S, 174.24W, h45km, 33km, mb4.8/10, MS4.5/1, Error ellipse: s-maj=10.5km s-min=10.1km az=89.0

ISC 17 09:47:48.6, 0.4, 20.76S, 0.09, 174.33W, 0.10, h45km, n56, r=066/32, mb4.5/18, MS4.5/1, 1C-3D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, RPZ, CTA, etc.

NEIC 17 09:59:46.0, 46.19N, 111.69W, h11km, ML3.5(BUT), 1C-2D, After BUT, Montana

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

Table with columns: FITZ, ILAR, MKAR, DAWY, CHKZ, YKA. Includes station names and coordinates.

CASC 17 08:22:30.4, 2.4, 11.28N, 83.93W, h13km, gkm, MD3.9, ML4.2, 5C-5D, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRTC, VPS2, VPS1, etc.

SKHL 17 08:59:28.2, 0.8, 52.46N, 132.73E, h11km, 1km, mb3.5/4, Southern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKMR, KURK, VNA, etc.

MOS 17 09:50:03.0, 1.2, 13.97N, 144.84E, h200km, mb4.5/5, Error ellipse: s-maj=33.2km s-min=12.1km az=110.0

IDC 17 09:50:03.4, 2.6, 14.03N, 144.86E, h188km, 22km, mb3.7/7, mb1 3.9/7, mb1mx3.9/14, Error ellipse: s-maj=29.9km s-min=13.7km az=91.0

NEIC 17 09:50:04.3, 0.8, 13.99N, 144.70E, h193km, 8km, mb4.3/9, Error ellipse: s-maj=20.1km s-min=7.1km az=80.0

ISC 17 09:50:03.2, 0.6, 13.97N, 0.06, 144.7E, 0.2, h196km, 5km, n35, r=095/36, mb4.1/16, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, WAU, JAU, etc.

ECX 17 09:47:21.7, 0.2, 30.78N, 114.33W, h11km, 2km, ML4.0, 1C-2D, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPX, SDX, RDX, etc.

IDC 17 09:47:43.7, 0.9, 20.73S, 174.23W, mb4.4/8, mb1 4.6/9, mb1mx4.6/13, ML4.5/1, Error ellipse: s-maj=44.1km s-min=19.8km az=135.0

NEIC 17 09:47:50.1, 3.8, 20.75S, 174.24W, h45km, 33km, mb4.8/10, MS4.5/1, Error ellipse: s-maj=10.5km s-min=10.1km az=89.0

ISC 17 09:47:48.6, 0.4, 20.76S, 0.09, 174.33W, 0.10, h45km, n56, r=066/32, mb4.5/18, MS4.5/1, 1C-3D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, RPZ, CTA, etc.

NEIC 17 09:59:46.0, 46.19N, 111.69W, h11km, ML3.5(BUT), 1C-2D, After BUT, Montana

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

Table with columns: WRAB, WRA, KAKA, VNA, KLBR, MBWA, QSPA. Includes station names and coordinates.

CASC 17 08:22:30.4, 2.4, 11.28N, 83.93W, h13km, gkm, MD3.9, ML4.2, 5C-5D, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRTC, VPS2, VPS1, etc.

SKHL 17 08:59:28.2, 0.8, 52.46N, 132.73E, h11km, 1km, mb3.5/4, Southern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKMR, KURK, VNA, etc.

MOS 17 09:50:03.0, 1.2, 13.97N, 144.84E, h200km, mb4.5/5, Error ellipse: s-maj=33.2km s-min=12.1km az=110.0

IDC 17 09:50:03.4, 2.6, 14.03N, 144.86E, h188km, 22km, mb3.7/7, mb1 3.9/7, mb1mx3.9/14, Error ellipse: s-maj=29.9km s-min=13.7km az=91.0

NEIC 17 09:50:04.3, 0.8, 13.99N, 144.70E, h193km, 8km, mb4.3/9, Error ellipse: s-maj=20.1km s-min=7.1km az=80.0

ISC 17 09:50:03.2, 0.6, 13.97N, 0.06, 144.7E, 0.2, h196km, 5km, n35, r=095/36, mb4.1/16, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, WAU, JAU, etc.

ECX 17 09:47:21.7, 0.2, 30.78N, 114.33W, h11km, 2km, ML4.0, 1C-2D, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPX, SDX, RDX, etc.

IDC 17 09:47:43.7, 0.9, 20.73S, 174.23W, mb4.4/8, mb1 4.6/9, mb1mx4.6/13, ML4.5/1, Error ellipse: s-maj=44.1km s-min=19.8km az=135.0

NEIC 17 09:47:50.1, 3.8, 20.75S, 174.24W, h45km, 33km, mb4.8/10, MS4.5/1, Error ellipse: s-maj=10.5km s-min=10.1km az=89.0

ISC 17 09:47:48.6, 0.4, 20.76S, 0.09, 174.33W, 0.10, h45km, n56, r=066/32, mb4.5/18, MS4.5/1, 1C-3D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, RPZ, CTA, etc.

NEIC 17 09:59:46.0, 46.19N, 111.69W, h11km, ML3.5(BUT), 1C-2D, After BUT, Montana

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





17d 13h

Table with 5 columns: Station, Name, Az, Az', Phase ID, Time, Res. Includes stations like RUS, Russkaya, GRL, Goretly.

HEL 17 11:20:54.0, 1.67.58N x 30.42E, ML2.4, ML2.1(BER), ML2.1(NAO), Explosion
NAO 17 11:20:54.0, 1.67.58N x 30.59E, ML2.1
BER 17 11:20:55.8, 3.8, 67.58N x 30.51E, ML2.1, ML2.1(NAO), Suspected explosion
IDC 17 11:20:56.0, 1.8, 67.59N x 30.05E, mb1 3.4/5, mb1mx3.2/17, ML2.8/5, Error ellipse: s-maj=26.3km s-min=6.6km az=79.0

Main table for the 17d 13h section, listing various stations and their data. Includes stations like APA0, Apatity Array, ARA0, ARCESS Array S, etc.

IDC 17 11:46:35.2, 2.5, 37.74N-21.66E, mb3.7/8, mb1 3.8/10, mb1mx3.8/18, ML3.6/2, MS3.3/1, Ms1 3.4/1, ms1mx2.8/22, Error ellipse: s-maj=50.2km s-min=26.6km az=8.0
MOS 17 11:46:37.2, 1.8, 37.67N-21.71E, h10km, mb4.1/1, Error ellipse: s-maj=11.2km s-min=5.3km az=81.2
NEIC 17 11:46:38.8, 37.72N-21.74E, h8km, mb4.0/2, ML3.8(ATH), ML3.8(TH), After ATH.

Table for the 17d 13h section, listing stations and their data. Includes stations like RLS, ITM, VLS, LKD, etc.

2004 JAN

Table for the 2004 JAN section, listing stations and their data. Includes stations like ULDT, ESKT, MLR, GERES, etc.

IDC 17 13:19:12.5, 1.9, 6.43S, 129.14E, mb4.5/1, mb1 4.6/3, mb1mx4.3/8, ML4.3/2, Error ellipse: s-maj=118.0km s-min=29.9km az=68.0, Banda Sea
WRA Warramunga Arr 14.35 160 Pn P 13 22 35.5 -3.8
WRA 2.5nm, 0.3s, baz=333, slow=24, SNR=7.0
ASAR Alice Springs 17.74 166 P P 13 23 22.1 -0.6
ASAR 1.7nm, 0.3s, baz=351, slow=10, SNR=124

KRSC 17 13:24:02.1, 6.50.67N x 157.66E, h64km, 16km, ML4.2, Kuril Islands
PAU Pauzhetka 0.96 326 eP P 13 24 30.4 +1.0
SKR Severo-Kuril's 0.98 271 eP S 13 24 20.6 0.0
ALID Alaid 1.35 279 eP S 13 24 26.3 +0.5

Table for the 2004 JAN section, listing stations and their data. Includes stations like PET, UGLR, AVH, etc.

NEIC 17 13:45:57.8, 16.77N-94.81W, h110km, MD3.6(MEX), After MEX.
MEX 17 13:45:58.1, 2.1, 16.82N-94.87W, h110km, 15km, MD3.6, Oaxaca

Table for the 2004 JAN section, listing stations and their data. Includes stations like CMIG, HUIG, Oaxaca, Vista Hermosa, etc.

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Main table for the 392 section, listing stations and their data. Includes stations like CTAO, KAKA, WRAB, WARRAMUNGA, etc.

Table of seismic data for stations 393-499, including station names, coordinates, and seismic event details.

Table of seismic data for stations 500-600, including station names, coordinates, and seismic event details.

Table of seismic data for stations 601-700, including station names, coordinates, and seismic event details.

17d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MEZF, HAU, DAVOS, DAVOX, SCHG, SCHO, SCHQ, NOA, GERES, FRB, VRAV, VAE, FINES, FINES, FINES, SADO, MLR, OBV, OBV, OBV, ULM, YKA, YKA, ARU, ARU, ARU, SVE, RSSD, INK, INK, INK, PDAR, ZRKN, HWUT, CHKZ, CHKZ, CHKZ, PV10, BRVK, BRVK, BRVK, ROSC, ILAR, IMA, IMA, IMA, LTX, LTX, LTX, TXAR, TXAR, TXAR, KURK, ZAL, ZAL, EK2S, AML, AAK, UCH, TKM2, MKAR, MKAR, YAK, YAK, YAK, BODM, KMBD, ZAK, ZAK, HIA, HIA, HIA, GTA, GTA, GTA, NJ2, NJ2, NJ2, NJ2, NJ2, NJ2.

2007 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSE, WRA, ASAR, IDC, BIPH, KAKA, WRA, ASAR, MKAR, BVAR, IDC, WRA, WRA, ASAR, ASAR, TGY, MKAR, JMA, TAP, IDC, Code, YOJ, YOJ, HATJ, HATJ, JKRS, JKRS, JUI, JUI, JUI, JUI, JUI, IDC, NEIC, IDC, Code, KMBE, KMBE, RAB, RAB, PMG, PMG, KAKA, WRAB, WB2, WB2, WRA, WRA, ASAR, ASAR, ASPA, FITZ, ILAR, IDC, NEIC, AUSTR, AUSTR, FITZ, MBWA, MBWA, KNA, KNA, KNA, KNA, GIRL, WRA, WRA, WRA, WB2, WB2, KAKA, KAKA, KAKA, KAKA, ASPA, ASPA, ASAR, ASAR, ASAR, ASAR, BLDU, BLDU, BLDU, BLDU, KLB, KLB, KLB, KLB, NWAO, NWAO, RKG, RKG, RKG, RKG, RKG, RKG.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RKG, BBOO, BBOO, BBOO, BBOO, STKA, STKA, STKA, MKAR, MOS, IDC, NEIC, IDC, Code, KBS, KBS, KBS, SPB4, SPB4, SPITS, SPITS, SPITS, SPITS, ARCES, ARCES, ARCES, AREO, AREO, RES, RES, NA01, NA01, FINES, FINES, ILAR, ILAR, CHKZ, CHKZ, ZRKN, ZRKN, MKAR, MKAR, RSSD, RSSD, RSSD, RSSD, WAKE, WAKE, NEIC, LDG, MDD, IDC, Code, MTLF, MTLF, MTLF, LASF, LASF, EJON, CAF, VIVF, VIVF, EPF, EPF, EPF, EPF, LFF, LFF, LMR, LMR, FRF, FRF, FRF, ETSF, ETSF, ETSF, ETSF, SJPF, SJPF, MFF, MFF, NEIC, LDG, MDD, IDC, Code, MTLF, MTLF, MTLF, LASF, LASF, EJON, CAF, VIVF, VIVF, EPF, EPF, EPF, EPF, SJPF, SJPF, MFF, MFF.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LMR La Moure, FRF La Foret Royal, EPOB Poblet, etc.

WAR 17:02:46.7, 50.24N: 18.92E, ML2.4, Mining Induced
PRU 17:02:46.6, 50.24N: 18.90E
ISC 17:02:45.4-0.7, 50.31N: 0.06-18.82E, 0.04, n9, e151716,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OJC Ojcow, Ostrava-Krasne, Niedzica, etc.

IDC 17:12:13.9:1.2, 33.50Sx72.21W, mb3.8/2, mb1 4.3/4,
mb1mx4.2/10, ML4.0/2, MS3.5/1, Ms1 3.5/1, ms1mx3.2/10,
Error ellipse: s-maj=43.4km s-min=41.0km az=57.0

RUC 17:12:15.5:0.3, 33.35Z, 49W, h33km, 2km, ML4.4
NEIC 17:12:17.1:1.1, 33.32S: 72.30W, h18km, 6km, mb4.3/3,
ML4.4(GUC), Error ellipse: s-maj=7.4km s-min=4.1km
az=68.0

ISC 17:12:13.9:1.2, 33.36S: 0.04x72.51W: 0.04, h7km, 7km,
n48, e0815/4, mb4.0/4, 10C-9D, Off coast of central
Chile

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LCH La Cruzes, IHA Instituto Hdr, LNV Longovilo, etc.

Table with columns: HYB Hyderabad, ZAL Zalesovo, ZAL Makanchi Array, MKAR. Includes coordinates and parameters.

BER 17:17:20:49.1, 0.4, 54.29N: 0.04W, h24km, 8km, ML2.1,
ML2.3(BGS)
BGS 17:20:48.6, 54.29N: 0.04W, h24km, ML2.3, 1C, United
Kingdom

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LWH Winny Nab, LMK Market Rasen, LCP Cassop, etc.

NEIC 17:17:25:39.4, 18.25N: 103.10W, h20km, MD3.9(MEX), After
MEX
MEX 17:17:25:39.4: 1.1, 18.25N: 103.10W, h20km, MD3.9, Near
coast of Michoacan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like COLM Colima, COLM Chamela, CJM Chabela, etc.

LDG 17:17:42:32.0:0.2, 42.76N: 0.35W, h5km, M1.8/2, M1.9/1,
Error ellipse: s-maj=5.3km s-min=1.0km az=1.0
MDD 17:17:42:34.0:0.4, 42.96N: 0.36W, mbLg 1.3/6, Error ellipse:
s-maj=3.7km s-min=2.5km az=167.0, PRXIMO
ISC 17:17:42:32.5:0.8, 42.97N: 0.06-0.33W: 0.04, h13km, 7km, n8,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like REYF Montagne du Re, ETSF Etsaut, ETSF Esparros, etc.

LDG 17:17:43:40.2:0.2, 42.76N: 0.35W, h4km, M1.6/2, Error
ellipse: s-maj=6.0km s-min=1.3km az=2.0
MDD 17:17:43:42.0:0.5, 42.93N: 0.35W, mbLg 1.0/3, Error ellipse:
s-maj=5.6km s-min=2.6km az=173.0, PRXIMO
ISC 17:17:43:40.1:2.9, 42.82N: 0.3-0.35W: 0.06, h13km, 14km, n4,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ETSF Etsaut, ETSF Esparros, SJJF Ste Jean, etc.

ISC 17:17:45:21.5:2.9, 42.72N: 0.2-0.36W: 0.06, h9km, 20km, n4,
e0549/7, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ETSF Etsaut, ETSF Esparros, SJJF Ste Jean, etc.

LDG 17:17:45:22.3:0.3, 42.74N: 0.35W, h4km, M1.4/2, Error
ellipse: s-maj=10.1km s-min=2.5km az=2.0
MDD 17:17:45:24.5:0.5, 42.95N: 0.35W, mbLg 0.9/3, Error ellipse:
s-maj=8.9km s-min=2.6km az=171.0, PRXIMO SOLUCIN
POBRE
ISC 17:17:45:21.5:2.9, 42.72N: 0.2-0.36W: 0.06, h9km, 20km, n4,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ETSF Etsaut, ETSF Esparros, SJJF Ste Jean, etc.

IDC 17:17:46:33.6:1.8, 6.14S: 152.22E, mb4.0/3, mb1 4.3/3,
mb1mx4.0/8, Error ellipse: s-maj=122.0km s-min=29.6km
az=129.0
NEIC 17:17:46:40.9:1.9, 6.06S: 152.04E, h49km, 13km, mb4.3/7,
Error ellipse: s-maj=37.2km s-min=9.6km az=118.0
ISC 17:17:46:40.7:2.1, 6.05S: 0.2-151.9E: 0.2, h55km, 15km, n13,

e084/14, mb4.3/9, 1C, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAB Rabaul, PMG Port Moresby, KAKA Kakadu, etc.

BER 17:17:52:28.6:5.0, 74.90N: 28.48E, h15km, 41km,
ML2.0(NAO)
NAO 17:17:52:35.9:6.7, 75.15N: 25.26E, ML2.0, Barents Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPA0 Kingsbay, KBS Kingsbay, etc.

NEIC 17:18:39:40.5, 48.34N: 6.68E, h10km, ML3.2(LDG),
ML2.9(STR), ML2.4(SZGRF), After STR.
STR 17:18:39:40.5: 0.1, 48.34N: 6.68E, h10km, 1km, M2.9, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 17:18:39:40.7: 0.0, 48.34N: 6.64E, h10km, M3.3/5, M3.2/29,
Error ellipse: s-maj=0.9km s-min=0.8km az=155.0
BGR 17:18:39:40.1: 0.5, 48.33N: 6.70E, h10km, ML2.2/2, Error
ellipse: s-maj=6.7km s-min=5.6km az=86.0
LEDBW 17:18:39:41.0: 0.2, 48.33N: 6.07E, h10km, ML2.7, Error
ellipse: s-maj=4.0km s-min=4.0km az=170.0
ISC 17:18:39:37.6: 0.2, 48.34N: 0.01-6.58E: 0.02, h10km, n97,

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HAU Haudompre, THEF They Montfort, THEF They Montfort, etc.





Table of astronomical observations for 17d 21h, listing objects like Cedar Bluff, Saint Louis, Great Sand Dun, Wyandotte Cave, Wupatki, etc., with their coordinates and magnitudes.

Table of astronomical observations for 2004 JAN, listing objects like Lac du Bonnet, Chamberlain Mo, Missoula, Yreka Blue Hor, etc., with their coordinates and magnitudes.

Table of astronomical observations for 2004 JAN, listing objects like Villa Florida, CPUP, CPUP, CPUP, etc., with their coordinates and magnitudes.



Table of station data for the left column, including station names like ERON Agron, MCOG Saint Martin, and various other locations with their respective coordinates and status.

Table of station data for the middle column, including stations like BERT Bertagne, MAND Montbardon, and others, with detailed coordinate and status information.

Table of station data for the right column, including stations like VRSR Zalesovo, BOD Bodaibo, and others, with coordinate and status details.

WEL 17 21:14:45.2±0.5,6.3659±177.60E,h264km±4km,ML4.3/1, East eclipse s-maj=8.8km s-min=5.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. It lists various station codes and their corresponding data.

IDC 17 22:47:39.2,21.0, 18.12S,-178.00W, h512km, 185km, mb3.1/3, mb1 3.4/3, mb1mx3.2/10, Error ellipse: s-maj=254.0km s-min=60.4km az=132.0, Fiji Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

JMA 17 23:04:32.2,0.2, 24.08N, 123.47E, h23km, 2km, M1.7 TAP 17 23:04:53.3, 24.50N, 121.81E, h11km, ML2.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like HATJ Hateruma jima, HATJ Hateruma jima, HATJ Hateruma jima, etc.

NEIC 17 23:13:21.9, 1.6, 24.01S, 66.66W, h190km, 17km, mb3.9/3, Error ellipse: s-maj=32.8km s-min=12.0km az=66.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

IDC 17 23:13:22.5, 4.2, 23.90S, 66.63W, h196km, 34km, mb3.3/2, mb1 3.8/4, mb1mx3.5/12, Error ellipse: s-maj=68.7km s-min=20.2km az=52.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

IDC 18 01:18:35.5, 1.4, 0.48N, 122.04E, mb3.6/3, mb1 3.8/3, mb1mx3.7/10, Error ellipse: s-maj=218.0km s-min=23.2km az=61.0

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

IDC 18 01:38:55.0, 5.9, 7.51S, 156.45E, mb4.2/5, mb1 4.3/5, mb1mx4.1/11, Error ellipse: s-maj=192.0km s-min=30.9km az=115.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 18 01:38:57.3, 6.7, 7.50S, 156.60E, 0.7, h33km, n7, c0848/7, mb4.1/6, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

NNC 18 01:39:03.2, 3.6, 50.10N, 87.36E, h22km, 18km, mpv3.5, 4C-1D, Error ellipse: s-maj=25.2km s-min=12.8km az=95.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, etc.

KISR 18 02:02:12.9, 1.0, 27.34N, 56.38E, h33km, ML4.7, mb4.5(NEIC)

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

IDC 18 02:02:13.0, 0.7, 27.50N, 56.23E, mb4.2/14, mb1 4.3/15, mb1mx4.3/17, ML4.0/1, MS3.3/3, Ms1 3.3/3, ms1mx3.1/29, Error ellipse: s-maj=21.5km s-min=19.6km az=52.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

MAJO Matushiro 23.88 349 eP P 00 53 28.5 +0.3

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, CTA Charters Tower, CTAO Charters Tower, etc.

IDC 18 01:18:35.5, 1.4, 0.48N, 122.04E, mb3.6/3, mb1 3.8/3, mb1mx3.7/10, Error ellipse: s-maj=218.0km s-min=23.2km az=61.0

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

IDC 18 01:38:55.0, 5.9, 7.51S, 156.45E, mb4.2/5, mb1 4.3/5, mb1mx4.1/11, Error ellipse: s-maj=192.0km s-min=30.9km az=115.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 18 01:38:57.3, 6.7, 7.50S, 156.60E, 0.7, h33km, n7, c0848/7, mb4.1/6, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

NNC 18 01:39:03.2, 3.6, 50.10N, 87.36E, h22km, 18km, mpv3.5, 4C-1D, Error ellipse: s-maj=25.2km s-min=12.8km az=95.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, etc.

KISR 18 02:02:12.9, 1.0, 27.34N, 56.38E, h33km, ML4.7, mb4.5(NEIC)

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

IDC 18 02:02:13.0, 0.7, 27.50N, 56.23E, mb4.2/14, mb1 4.3/15, mb1mx4.3/17, ML4.0/1, MS3.3/3, Ms1 3.3/3, ms1mx3.1/29, Error ellipse: s-maj=21.5km s-min=19.6km az=52.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, QRN Al-Qurain, KBD Kabd, etc.

GNI Garni 15.88 327 eP P 02 06 02.2 +4.1

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.

IDC 18 02:02:15.6, 1.2, 27.28N, 0.05, 56.01E, 0.05, h33km, 10km, n114, c1937/125, mb4.4/37, MS3.7/5, 3C-5D, Southwestern Iran

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, LTHS Al Lith, YNBS Yanbu al Bahr, etc.



Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Vlada, ILAR, MALT, ARCES, etc.

NEIC 18 03:13:38.4, 58.29N; 151.23W, h47km, mb3.9/1, ML4.1(PMR), ML3.7(AEIC), After AEIC, IDC 18 03:13:38.9, 1.7, 58.53N; 151.57W, h34km, 5km, mb3.7/6, mb1 3.9/9, mb1mx3.7/17, ML3.4/3, MS3.5/1, Ms1 3.5/1, ms1mx2.9/20, Error ellipse: s-maj=35.8km s-min=21.0km bz=10.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations including SYI, KDC, KDAX, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ILAR, IMA, DAWY, DLBC, INK, BBB, YKA, etc.

IDC 18 03:27:51.9, 3.1, 22.01S; 179.98W, mb3.7/3, mb1 4.0/3, mb1mx3.9/9, Error ellipse: s-maj=296.0km s-min=35.6km az=163.0, South of Fiji Islands

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

delta 56, lambda 177, MOS 18 03:59:47.4, 1.6, 46.33N; 152.31E, h70km, mb4.4/4, Error ellipse: s-maj=13.1km s-min=9.0km az=71.0, NEIC 18 03:59:48.6, 0.5, 46.44N; 152.21E, mb3.9/2, Error ellipse: s-maj=14.1km s-min=8.0km az=139.0, BJI 18 03:59:49.2, 46.40N; 152.20E, h56km, mb4.4, Ms4.4, Ms2.5, IDC 18 03:59:49.2, 0.6, 46.53N; 152.19E, h58km, 5km, mb3.7/16, mb1 3.9/17, mb1mx3.9/19, MS3.7/3, Ms1 3.7/3, ms1mx2.9/23, Error ellipse: s-maj=19.5km s-min=12.7km bz=136.0, ISC 18 03:59:48.0, 1.2, 46.42N; 0.07-152.36E, 0.09, h64km, 10km, h54km, 3.0km; p-P, n60, r120/60, mb4.1/19, 1C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KUR, SKR, YUK, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ZAL, DLBC, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ARCES, NVAR, PDAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like NOA, PV10, ASAR, etc.

MAN 18 04:25:08.8, 20.07N; 120.20E, h66km, mb4.7, ML3.6, MS3.5, BJI 18 04:25:21.9, 20.48N; 120.21E, h116km, mb4.3, mb4.5, MOS 18 04:25:24.5, 1.0, 20.34N; 120.36E, h150km, mb4.2/11, Error ellipse: s-maj=28.1km s-min=9.0km az=110.2, NEIC 18 04:25:25.4, 1.0, 20.35N; 120.41E, h140km, 10km, mb4.4/12, Error ellipse: s-maj=11.6km s-min=5.3km bz=73.0, IDC 18 04:25:26.3, 2.0, 20.32N; 120.36E, h146km, 18km, mb3.8/10, mb1 4.0/12, mb1mx4.0/16, MS3.6/3, Ms1 3.6/3, ms1mx3.3/16, Error ellipse: s-maj=28.7km s-min=10.3km az=72.0, ISC 18 04:25:10.2, 2.2, 20.07N; 0.05-120.34E, 0.09, h27km, 17km, n61, r1507/63, mb4.3/26, MS4.0/1, 2D, Philippine Islands

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

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

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

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

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

NIED 18 03:59:00, 46.60N; 152.70E, h35km, Mw4.1 Best double couple: M1.75x10^15 NP1:phi312°, delta7°, lambda34°. NP2:phi220°,

Table with columns: NOA, LR, LR, 05 19 08.4, etc. Includes stations like NOA, CLL, GERES, YKA, NVAR, ROSC.

IDC 18 04:33:56.21.0.5.06N-95.85E, mb4.2/7, mb1 4.4/7, mb1m4.2/12, Error ellipse: s-maj=69.4km s-min=19.1km az=52.0

NEIC 18 04:33:57.3.1.4.88N-95.74E, h25km,22km, mb4.3/6, Error ellipse: s-maj=14.9km s-min=7.1km az=216.0

BUI 18 04:33:59.1.5.01N-95.51E, h21km, mb4.7, mb4.3, Ms4.3, Ms4.0

DJA 18 04:34:00.0.4.88N-95.74E, h25km, MB4.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 18 04:33:57.3.1.4.87N-95.08E, h25km,23km, n35, c088/33, mb4.2/16, MS3.9, 2C-1D, Northern

Main table for station 403 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSI, PSI, UPH, CHI, NANT, etc.

KRSK 18 05:14:43.4.1.1.51.65N-158.72E, h31km,7km, ML3.9, Near east coast of Kamchatka Peninsula

Table for station 403 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUS, GRL, PAU, KRM, etc.

GII 18 05:29:29.4.0.5.30.47N-35.17E, h6km,2km, ML2.7/5, ML2.6/4

SNSN 18 05:29:30.7.30.47N-34.85E, h78km, ML2.2

ISC 18 05:29:28.0.6.30.48N-0.02-35.22E, h2km,6km, n18, c058/24, Dead Sea region

Table for station 403 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZFRI, PRNI.

Table for station 404 with columns: KMTI, Pg, Pg, 05 29 39.9 -0.3, etc. Includes stations like KMTI, MBH, AQB, etc.

BUI 18 05:30:35.3.22.49N-141.97E, h222km, mb4.5, mb4.6

IDC 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

Main table for station 404 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH, CBIJ, BSO, etc.

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

Table for station 405 with columns: BILL, 48.01 12 eP, P, 05 38 51.1 -0.3, etc. Includes stations like BILIBINO, MARBLE BAR, UNALASKA VALLE, etc.

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

Main table for station 405 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, ZRNK, DAW, etc.

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2

ISC 18 05:30:35.9.0.8.22.43N-0.04-142.14E, h20.0E, h248km,6km, n128, c097/130, mb4.2/43, 7C-2D, Volcano Islands

WLN 18 05:30:37.0.1.3.22.39N-142.17E, h249km, 11km, mb4.0/18, mb1 4.2/22, mb1m4.2/24, Error ellipse: s-maj=10.4km s-min=9.0km az=108.0

NEIC 18 05:30:37.1.1.1.22.43N-142.17E, h248km, 11km, mb4.3/15, Error ellipse: s-maj=7.5km s-min=4.8km az=102.0

MOS 18 05:30:38.4.0.9.22.51N-142.10E, h272km, mb4.3/13, Error ellipse: s-maj=18.7km s-min=11.0km az=101.4

JMA 18 05:30:38.9.0.2.22.84N-143.13E, h293km, M5.2



Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for ASPA, ASAR, ASAR Alice Springs, etc.

CASC 18 11:17:40.4, 2.4, 12.08N, 87.37W, h28km, 10km, MD3.7, ML3.0, 2C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for PYN, LEON, TEL3, MGAN, etc.

DJA 18 12:25:56.0, 6.6, 8.24S, 117.80E, h160km, MD4.6/3, ML4.6/3, Error ellipse: s-maj=28.7km s-min=4.3km az=143.0

NEIC 18 12:25:58.9, 1.3, 8.17S, 117.32E, h10km, Error ellipse: s-maj=35.9km s-min=17.5km az=58.0

IDC 18 12:26:29.5, 27.0, 7.61S, 118.88E, h306km, 284km, mb3.2/3, mb1.3/2, mb1mx3.2/10, ML3.7/1, Error ellipse: s-maj=363.0km s-min=40.3km az=63.0

ISC 18 12:26:00.8-0.9, 7.91S, 0.0, 117.66E, 0.06, h38km, 14km, n17, c074/22, mb3.8/3, 1C, Ball Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for KEDI, RATI, INGI, KELI, NINI, etc.

NEIC 18 12:28:55.0, 0.9, 6.72S, 129.90E, h10km, Error ellipse: s-maj=28.7km s-min=9.9km az=72.0

IDC 18 12:28:58.7, 5.1, 6.73S, 129.99E, h43km, 68km, mb3.5/1, mb1.3/9, mb1mx3.8/10, ML3.9/2, Error ellipse: s-maj=138.0km s-min=35.8km az=74.0

ISC 18 12:29:02.0, 3.3, 6.95S, 130.0E, 1.130E, 0.03, h107km, 39km, n7, c078/9, mb4.5/2, Banda Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for WRAB, WRA, WRA, ASAR, MBWA, etc.

DJI 18 12:34:33.9, 22.42S, 179.19W, h608km, mb5.1, mb4.5

BUC 18 12:34:35.9, 1.8, 21.61S, 179.98W, h577km, 17km, mb3.5/6, mb1.3/9, mb1mx3.8/10, Error ellipse: s-maj=30.9km s-min=12.4km az=157.0

NEIC 18 12:34:38.2, 1.2, 21.88S, 179.87W, h608km, 23km, mb4.6/12, Error ellipse: s-maj=20.2km s-min=16.9km az=179.0

ISC 18 12:34:35.9, 1.6, 22.36S, 0.10, 179.74W, 0.09, h609km, 20km, n55, c091/34, mb4.4/9, 9D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for DZM, DZDI, URZ, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for MBWA, CBWJ, QSPA, etc.

SOE 18 12:43:33.8, 39.82N, 24.55E, h10km, MD3.5

NEIC 18 12:43:35.9, 39.88N, 24.40E, h30km, ML3.8(ATH), ML3.8(ATH)

ATH 18 12:43:35.9, 39.88N, 24.40E, h30km, 3km, MD3.7/11, ML3.8

THE 18 12:43:36.5, 39.84N, 24.42E, h17km, ML3.6

ISC 18 12:43:35.0, 5.0, 39.84N, 0.02, 24.41E, 0.03, h14km, 4km, n46, c088/57, 1D, Aegean Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for LIM, LOS, PAIG, etc.

IGQ 18 13:01:09.3, 2.77S, 78.04W, h12km, 8km, mb4.2, 6C-5D, Error ellipse: s-maj=14.5km s-min=4.6km az=157.8

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for PATA, AARY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for ARRY, ULBA, CUSU, etc.

IDC 18 13:02:42.3, 3.2, 8.20S, 117.31E, mb3.7/3, mb1.4/0/3, mb1mx3.9/9, MS3.9/1, MS1.3.9/1, ms1mx3.0/17, Error ellipse: s-maj=265.0km s-min=24.3km az=50.0

NEIC 18 13:02:46.5, 1.3, 7.77S, 117.96E, h20km, Error ellipse: s-maj=37.0km s-min=18.6km az=59.0

DJA 18 13:02:46.7, 0.5, 7.86S, 117.59E, h85km, MD4.5/1, ML4.7/3, Error ellipse: s-maj=27.7km s-min=4.0km az=141.0

ISC 18 13:02:46.1, 0.9, 7.89S, 0.08, 117.63E, 0.07, h43km, 17km, n16, c094/19, mb3.8/2, MS3.9/2, 1C-D, Ball Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for KEDI, RATI, INGI, KELI, NINI, etc.

IDC 18 13:03:28.7, 2.9, 23.46S, 67.04W, h174km, 25km, mb3.5/3, mb1.3/7, mb1mx3.5/10, Error ellipse: s-maj=35.9km s-min=19.8km az=58.0

NEIC 18 13:03:29.1, 5.2, 23.50S, 66.93W, h181km, 15km, Error ellipse: s-maj=27.5km s-min=11.8km az=66.0

ISC 18 13:03:28.1, 1.7, 23.55S, 0.1, 67.00W, 0.2, h189km, 20km, n14, c075/13, mb3.4/4, 1C, Jujuy, Province

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for LPAZ, CPUP, etc.

MOS 18 13:17:26.2, 1.1, 45.63N, 142.78E, h304km, mb4.0/1, Error ellipse: s-maj=23.6km s-min=14.3km az=102.7

SKHL 18 13:17:27.0, 0.5, 45.51N, 142.89E, h320km, 7km, mbv3.9/5, Msh4.1/1

IDC 18 13:17:27.1, 0.8, 45.63N, 142.77E, h291km, 10km, mb3.1/1, mb1.3/3, mb1mx3.2/20, Error ellipse: s-maj=20.2km s-min=19.1km az=110.0

JMA 18 13:17:27.3, 0.3, 45.35N, 142.83E, h303km, 3km, M3.3

NEIC 18 13:17:28.1, 1.1, 45.69N, 142.83E, h303km, 8km, mb3.9/1, Error ellipse: s-maj=21.4km s-min=13.2km az=167.0

ISC 18 13:17:25.6, 0.3, 45.43N, 0.05, 142.95E, 0.10, h308km, 4km, n39, c110/51, mb3.3/1, 1D, Hokkaido region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes entries for JSE, JWK2, etc.







18d 16h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like YKA, NEW, ZAK, PDAR, etc.

NEIC 18 15:04:11.5, 4.4, 24.56N, 109.06W, h10km, Error ellipse: s-maj=63.8km s-min=19.4km az=178.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LTX, TXAR, etc.

CASC 18 15:14:56.4, 1.3, 13.35N, 90.58W, h24km, 5km, MD3.8, 4C-8D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IKG, TER, SBL, etc.

WEL 18 15:40:32.0, 1.2, 37.92S, 177.49E, h45km, 3km, ML3.9/3, 1C-1D, Error ellipse: s-maj=1.8km s-min=1.5km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like URZ, WIL, EDJR, etc.

2004 JAN

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KHZ, CRZL, etc.

BUJ 18 15:56:12.7, 14.71S, 167.24E, h16km, mb4.3, Msz4.9, IDC 18 15:56:14.0, 0.7, 14.39S, 166.74E, mb4.2/9, mb1 4.3/9, mb1mx4.2/13, MS4.2/2, Ms1 4.2/2, ms1mx3.2/15, Error ellipse: s-maj=30.1km s-min=22.0km az=136.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PVC, DZM, etc.

NEIC 18 15:56:15.2, 0.3, 14.48S, 166.90E, h10km, mb4.4/5, Error ellipse: s-maj=12.4km s-min=8.2km az=129.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like STKA, WB2, etc.

ASAR Alice Springs 32.23 249 P 16 02 45.0 -0.6

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ASPA, WND, etc.

ZAL Zalesovo 96.94 324 P 16 09 46.6 0.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like YKA, SPKS, etc.

NB2 NORSAR Subarray 130.31 345 PKPpdf 16 15 25.3 +1.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like NOA, KHC, etc.

DAVOX Davos 142.48 334 PKP 16 15 46.0 -0.9

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CABF, FLN, etc.

ORIF Oriskany 145.64 336 ePKP1 16 15 55.1 +1.9

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LMR, CAF, etc.

NAO 18 16:03:08.1, 6.7, 62.58N, 5.37E, h15km, 32km, ML2.7, BER 18 16:03:09.5, 4.0, 62.63N, 5.16E, h15km, 14km, MD2.6, ML2.0, ML2.7(NAO)

NEIC 18 16:03:15.9, 62.46N, 5.51E, h15km, ML2.0(BER), After BER.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MQL, MQL, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HYA, HYA, etc.

DOMB Dombas 1.73 106 eP 16 03 42.1 +3.9

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like DOMB, DOMB, etc.

EGD Espesgrend 2.29 184 eP 16 03 45.5 -0.7

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ODD1, ODD1, etc.

BLS5 Blasio 3.17 171 eS 16 04 37.1 +0.4

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KONO, KONO, etc.

FIAO Fines Array S 9.72 87 Sn 16 07 15.3 -5.2

IDC 18 16:11:0.0, 6.0, 58.86S, 149.83E, mb3.8/2, mb1 4.0/2, mb1mx4.0/6, MS3.8/2, Ms1 3.8/2, ms1mx3.5/9, Error ellipse: s-maj=413.0km s-min=68.0km az=78.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RPZ, RPZ, etc.

NEIC 18 16:17:43.7, 1.4, 7.18S, 120.38E, h54km, 18km, mb4.3/3, Error ellipse: s-maj=19.2km s-min=13.3km az=56.0

IDC 18 16:17:45.4, 4.0, 7.01S, 120.66E, h56km, 48km, mb3.1/5, mb1 3.3/6, mb1mx3.3/12, Error ellipse: s-maj=91.0km s-min=15.3km az=58.0

IDC 18 16:17:43.4, 2.4, 7.25S, 120.12E, h56km, 36km, n18, s=06716, mb3.7/5, Flores Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like FITZ, KAKA, etc.

MBWA Warramunga Arr 18.59 134 eP 16 21 27.0 +0.3

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WRAB, WRAB, etc.

IDC 18 16:27:35.9, 12.0, 19.97S, 179.20W, h99km, 103km, mb3.2/2, mb1 3.6/3, mb1mx3.4/10, ML4.2/1, Error ellipse: s-maj=65.1km s-min=19.8km az=76.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like URZ, URZ, etc.

IDC 18 16:23:27.6, 6.0, 7.65S, 131.60E, h140km, 72km, mb3.6/2, mb1 3.6/3, mb1mx3.5/10, Error ellipse: s-maj=180.0km s-min=15.7km az=74.0, Irian Jaya region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KAKA, WRA, etc.





Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LKWY, TPH, GNI, FRB, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PRU, MOX, ESKT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ORIF, QUIF, SBF, etc.

NEIC 18:27:04.9,0.3, 6.90N, 126.57E, mb4.4/4, Error ellipse: s-maj=17.1km s-min=6.0km az=79.0...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BIPH, BIFH, KCP, etc.

18d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ZRNK Zerenda, MCKinley, Eielson Array, etc.

NEIC 18:28:03.2, 43.44N, 3.16E, h5km, ML2.5(LDG), After LDG.

LDG 18:28:03.2, 0.1, 43.44N, 3.16E, h5km, Md2.4/2, M2.5/13, Error ellipse: s-maj=2.8km s-min=1.6km az=160.0.

MDD 18:28:04.2, 0.5, 43.50N, 3.12E, h10km, mblgt1.9/11, Error ellipse: s-maj=5.4km s-min=3.0km az=147.0.

ISC 18:28:00.3, 0.4, 43.53N, 0.02, 3.16E, 0.03, h2km, 5km, n22, 1149/33, Near south coast of France.

Main table for 18d 20h section, listing station data and seismic event details.

WEL 18:20:02.6, 0.4, 45.03S, 167.50E, h70km, 3km, ML3.5/9, 1D, Error ellipse: s-maj=2.5km s-min=2.2km az=90.0.

Table for WEL event, listing station data and seismic event details.

DJA 18:19:14:29.6, 4.03N, 96.67E, h33km, MB3.7, 1D, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Northern Sumatra.

Table for DJA event, listing station data and seismic event details.

2004 JAN

Main table for 2004 JAN section, listing station data and seismic event details.

NEIC 18:55:42.6, 55.11N, 160.58W, h8km, ML3.8(AEIC), After AEIC, Alaska Peninsula.

Table for NEIC event, listing station data and seismic event details.

JMA 18:20:00:24.5, 0.2, 120.66N, 122.50E, M4.5, NEIC 18:20:00:28.6, 1.1, 20.25N, 122.88E, h96km, 12km, Error ellipse: s-maj=17.7km s-min=8.8km az=88.0.

IDC 18:20:00:28.2, 2.8, 20.29N, 122.94E, h92km, 30km, mb3.2/6, mb1 3.6/8, mb1mx3.6/15, MS2.9/2, Ms1 2.9/2, Ms1mx2.6/21, Error ellipse: s-maj=30.3km s-min=14.7km az=81.0.

ISC 18:20:00:21.3, 0.5, 20.22N, 122.55E, 0.10, h33km, m23, 1128/32, mb3.5/6, Philippine Islands region.

Table for IDC and ISC events, listing station data and seismic event details.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, BKVZ Borovoye Array, etc.

NEIC 18:20:24:23.4, 36.00N, 27.33E, h23km, ML4.0(NIC), ML3.9(ATH), After ATH.

ATH 18:20:24:23.4, 36.00N, 27.33E, h23km, 2km, MD3.7/15, ML3.9.

IDC 18:20:25:6.4, 1.36, 06N, 27.34E, h33km, 36km, mb3.8/8, mb1 3.8/13, mb1mx3.7/19, ML3.4/5, Error ellipse: s-maj=24.5km s-min=17.4km az=5.0.

NIC 18:20:24:27.0, 0.5, 36.29N, 27.52E, h81km, mb4.4, ML4.0, MW3.4.

ISC 18:20:24:42.0, 0.3, 35.83N, 0.03, 27.37E, 0.02, h50km, 5km, n80, c145/99, mb3.8/7, DC, Dominican Islands.

Main table for 412 section, listing station data and seismic event details.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CCIG Comitan, SCX San Cristobal, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like OJC Ojoc, MLR Muntele Rosu, MKAR Makanchi Array, etc.

IDC 18 20:36:16.4:1.9, 3.88S, 124.34E, mb3.4/2, mb1 3.6/3, mb1mx3.6/9, ML2.9/1, Error ellipse: s-maj=337.0km

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

IDC 18 20:36:37.2:1.6, 31.93S, 178.87W, h58km, mb5.3/20, mb1 5.0/10, mb1mx4.9/13, MS4.5/15, Ms1 4.5/15, ms1mx4.5/18, Error ellipse: s-maj=28.4km s-min=14.0km

NEIC 18 20:36:40.8:1.1, 32.01S, 178.81W, h90km, mb5.3/20, Error ellipse: s-maj=9.5km s-min=6.0km az=173.0

HRVD 18 20:36:40.8:0.9, 32.04S, 178.55W, h49km, Mb, MW5.2/64, Centroid moment tensor solution. LP body waves: s48, c70, Mantle waves: s64, c104; Half duration: 1s0

Best double couple: Mo:93x10^17 Np1:181, 824, 1.10^18, Np2:349, 866, 1.85^18. Principal axes: T: 87, P: 66, N: 249, -1.2, P: 65, Azm: 351, -P: 99, P: 121, Azm: 83; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 18 20:36:40.8:32.01S, 178.81W, h91km, MB5.3, MOS 18 20:36:40.8:0.9, 32.08S, 178.92W, h92km, mb5.4/6, Error ellipse: s-maj=16.3km s-min=15.6km az=314.0

ISC 18 20:36:40.8:0.3, 32.63S, 0.04:178.72W-0.06, h108km, 7km, n263, r158/170, mb5.2/31, 13C-8D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WIZ White Island, PUZ Puketiti, MARZ Manawaha, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ARMA Armidale, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, ENN, CN2, ENH, WUAZ, MSU, TXAR, KMI, RMW, BBB, HWUT, DPW, LPAZ, PDAR, CPUP, DLBC, COLA, ILAR, BILL, INK, YKA, YKA, YKA, ULM, WMQ, MKAR, MKAR, RES, NVS, NVS, KSH, TKM2, KURK, KURK, KURK, KBK, UCH, CHM, AAK, USP, AML, KKR, KKR, LSZ, CHK2, BVAR, FRB, FRB, BRV, SCHO, ZRNK, ZRNK, KMBO, KBS, SPITS, SPITS, SPB4, ARU, ARU, ARU, ARCS, ARCS, KTK1, KTK1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOF, GNI, GNI, Nelson, CN2, CN2, CN2, ENH, WUAZ, MSU, TXAR, KMI, KMI, KMI, RMW, BBB, HWUT, DPW, LPAZ, LPAZ, LPAZ, LPAZ, PDAR, PDAR, PDAR, CPUP, DLBC, COLA, ILAR, ILAR, BILL, BILL, INK, YKA, YKA, YKA, ULM, WMQ, MKAR, MKAR, RES, NVS, NVS, KSH, TKM2, KURK, KURK, KURK, KBK, UCH, CHM, AAK, USP, AML, KKR, KKR, LSZ, CHK2, BVAR, FRB, FRB, BRV, SCHO, ZRNK, ZRNK, KMBO, KBS, SPITS, SPITS, SPB4, ARU, ARU, ARU, ARCS, ARCS, KTK1, KTK1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ, YOJ, YOJ, HATJ, HATJ, HATJ, Kuro-shima, JKRS, JKRS, IJJI, IJJI, IJJI, Tarama, JTJ, JTJ, NEIC 18 21:15.10.8.0.8.5.49S, 139.37E, h10km, mb4.0/2, Error ellipse: s-maj=19.5km s-min=11.9km az=126.0, IDC 18 21:15.10.6.1.5.4.1S, 138.95E, mb3.7S, mb1.4/2.5, mb1mx4.1/8, ML4.2, MS3.7/2, Ms1.3/7.2, ms1mx3.2/14, Error ellipse: s-maj=65.2km s-min=13.9km az=99.0, ISC 18 21:15.10.8.0.9.5.36S, 0.07.138.9E, 0.2, h10km, n15, 1922/19, mb3.7S, MS3.7/2, Near south coast of Irian Jaya, PIAM, PIAM, KAKA, KAKA, KAKA, WRAB, WRAB, WRAB, WB2, WB2, WB2, WRA, WRA, WRA, FITZ, FITZ, FITZ, ASAR, ASAR, ASAR, ASPA, ASPA, ASPA, MBWA, MBWA, JNU, MKAR, MKAR, ZAL, ZAL, BVAR, BVAR, ZRNK, ZRNK, ILAR, ILAR, SKHL 18 22:15.45.8.0.7.51.94N x 122.96E, h19km, 1km, mb4.0/4, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUP, TUP, TUP, TUP, ZEA, ZEA, ZEA, ZEA, ZEA, YASR, YASR, YASR, YASR, YASR, YASR, YASR, KROS, KROS, KROS, KROS, KROS, KROS, BMKR, BMKR, BMKR, CRS, CRS, CRS, EKMR, EKMR, EKMR, KLR, KLR, NEIC 18 22:47.18.1.2.9.6.53S, 129.82E, h150km, 28km, mb4.4/5, Error ellipse: s-maj=28.2km s-min=18.3km az=49.0, IDC 18 22:47.24.8.4.9.6.9S, 129.95E, h218km, 46km, mb4.1/3, mb1.4/0.5, mb1mx3.9/5.5, Error ellipse: s-maj=44.3km s-min=14.6km az=78.0, ISC 18 22:47.19.7.1.9.6.70S, 0.09.129.8E, 0.1, h186km, 21km, n17, 1929/21, mb4.2/4, Banda Sea, KAKA, KAKA, KAKA, FITZ, FITZ, WRAB, WRAB, WRA, WRA, WB2, WB2, ASAR, ASAR, ASPA, ASPA, CTAO, CTAO, STKA, STKA, CBJI, CBJI.











Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like RSDS Black Hills, DUG Dugway, TCUT Toone Canyon, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BALT Daday, FINES FINES Array B, FINES FINES Array B, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like KGD Karagaybulak, BHPL Bhopal, KZAR Kyzart, etc.

Code Station Name ... Time Res ...
IDC 19Z-48:58.5-1.9, 3.18N-93.56E, mb4.0/5, mb1 4.1/5, mb1mx3.9/12, Error ellipse: s-maj=68.2km s-min=24.2km az=54.0
ISC 19Z-49:01.6-1.8, 3.2N, 0.3-93.6E, 0.4, h33km, n5, t1847/5, mb4.0/5, Off west coast of northern Sumatra

19d 7h

2004 JAN

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, BSO1 Boso 1, BSO2 Boso 2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NNC 19 06:29:34.8, IDC 19 06:29:35.0, MOS 19 06:29:36.7, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, MK31 Makanchi Array, MK31 comp=2.0,4nm,0.8s, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSF Maaselka, APA0 Apatity Array, APA0 Apatity Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KIF Kilpisjarvi, KAF Kangasniemi, VAF Yliostar, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARMA Armidale, STKA Stephens Creek, WRAB Watkins Canyon, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, MCMT McKenzie Canyon, PDAR Pitkin Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KMB0 Kilima Mbojo, MAL2 Malatya, KRIS Kristallenia, etc.

MOS 19 07:22:50.8: 1.1, 84.41N; 104.98E, h10km, mb5.8/65, MS5.0/30, Error ellipse: s-maj=39.4km s-min=4.9km az=87.7

IDC 19 07:22:50.9: 5.0, 84.46N; 105.37E, mb5.1/20, mb1 5.2/21, mb1mx3.2/21, ML4.4/1, MS5.0/12, MS1 5.0/12, ms1mx4.9/14, Error ellipse: s-maj=18.8km s-min=10.6km az=142.0

BUI 19 07:22:51.3: 84.48N; 105.20E, h10km, mb5.6, mb5.5, MS5.5, MSz5.3

NEIC 19 07:22:52.0: 9.0, 84.48N; 105.22E, h10km, mb5.5/127, MS5.2/59, MS6.6, Error ellipse: s-maj=3.8km s-min=1.6km az=159.0, Moment Tensor Solution. L3 Moment tensor: Scale 10^17Nm; Mr=2.34; Mw=0.48; Mo=1.86; Mo=0.97; Mo=1.77; Mo=0.14; Best double couple: M2.9x10^17 NP1=348, 845, 156; NP2=124, 854, 119; Principal axes: T 3.1, P1g5, Azm235; N -35, P1g23; Azm143; P -2.75, P1g66; Azm335;

ISC 19 07:22:49.8: 0.7, 84.45N; 102.105E, h2.2, h2km, kb5.1/107, h2kmz2.6km pP-P, n687, a099/726, mb5.5/232, MS5.1/107, h16.15D, North of Severnaya Zemlya



Table with columns for station code, name, frequency, and signal strength. Includes stations like KSP Ksiaz, BRG Berggiesshubel, OJC Ojcow, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like CN2, GR1, GRF, BAIF, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like FLN, UCH, FELD, etc.



Table of flight arrivals and departures for 2004 JAN, including airline codes, flight numbers, times, and status.

Table of flight arrivals and departures for 2004 JAN, including airline codes, flight numbers, times, and status.

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Table with columns: TBI, Tubeai, CPUP, Villa Florida, CPUP, Villa Florida, TRQA, Tornquist, EQFI, comp=, 1.8nm, 0.8s, baz=63, slow=7.2, SNR=9.6, 114.55 77 eSP, SS, 07 52 13.0 +7.1, 07 58 41.2 +19, 08 16 03.8, etc.

TAP 19 08:10:59.9, 24.53N, 121.72E, h41km, ML3.9, 9C-2D,

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC, ENA, Nanau, ENA, Suao, etc.

NIED 19 08:39:00, 28.90N, 128.20E, h5km, Mw4.2 Best double couple: M2, 16x10^15 Np1q204, 882, lambda-162, phi-112, delta-72, lambda-8.

JMA 19 08:39:16.9, 2.02, 28.93N, 128.18E, h3km, M3.9 IDC 19 08:39:19.0, 0.9, 28.71N, 127.82E, mb3.5/6, mb1 3/8/7, mb1mx3.7/18, ML3.5/1, MS4.0/2, Ms1 4.0/2, ms1mx3.2/22, Error ellipse: s-maj=33.1km s-min=17.5km az=81.0

NEIC 19 08:39:20.3, 5.6, 28.72N, 127.88E, h8km, 37km, mb4.0/1, Error ellipse: s-maj=19.7km s-min=9.8km az=85.0, M3.4, BJL 19 08:39:24.2, 28.70N, 127.90E, h8km, mb4.4, mb4.2, Ms4.3, IDC 19 08:39:17.0, 3.3, 28.84N, 128.17E, h10km, 23km, n22, c095/21, mb3.78, MS4.1/2, Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, JTK, Tokunoshima, JAM, Amami Oshima, etc.

Table with columns: NOA, NORSAR Array B, 76.96 334 LR LR 09 29 05.7, NEIC 19 08:41:26.5, 0.9, 51.58N, 16.16E, h1km, 7km, ML3.2(VIE), Error ellipse: s-maj=7.5km s-min=5.9km az=194.0, etc.

WAR 19 08:41:29.1, 51.45N, 16.08E, ML3.0, Mining Induced PRU 19 08:41:30.4, 51.36N, 16.06E, s-mir=11.5km az=108.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, KSP, Ksiuz, KSP, Ksiuz, etc.

NEIC 19 08:48:14.7, 43.08N, 0.45W, h2km, ML2.9(LDG), ML2.5(STR), MN2.2(MDD), After LDG. STR 19 08:48:14.6, 0.2, 43.11N, 0.43W, h5km, 1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 08:48:14.7, 0.1, 43.09N, 0.45W, h2km, Md2.8, M2.9/11, Error ellipse: s-maj=1.2km s-min=0.9km az=164.0, MDD 19 08:48:15.0, 0.2, 43.09N, 0.45W, h6km, 3km, mblg2.2/19, Error ellipse: s-maj=2.8km s-min=1.5km az=7.0, PRXIMO ISC 19 08:48:13.2, 0.3, 43.16N, 0.02, 0.42W, 0.02, h10km, 3km, n47, c1181/82, Pyrenees

Code, Station Name, Az, AZ, Phase ID, Time Res, REVE, Montagne du Re, REVE, Arette, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, WHZ, Wether Hill Ro, WHZ, Mavora Lakes, etc.

Table with columns: ERTA, Horta de San J, ERTA, Calviac, EJON, La Jonquera, EJON, SNR=7.9, EJON, 1.0nm, 0.2s, La Jonquera, EJON, L.2s, SNR=7.9, ETOR, Torette, ETOR, SNR=7.9, etc.

LDG 19 08:48:55.9, 1.2, 42.59N, 0.51W, h2km, Md1.3/2, Ml2.1/1, Error ellipse: s-maj=28.2km s-min=9.7km az=16.0, MDD 19 08:48:57.2, 1.5, 42.63N, 0.60W, mblg1.2/3, Error ellipse: s-maj=9.4km s-min=6.6km az=176.0, PRXIMO SIN SOLLUCIN

ISC 19 08:48:53.4, 2.4, 42.66N, 0.1x0.42W, 0.08, h2km, n4, c189/6, Pyrenees

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ETSF, Etsaut, ETSF, Ste Jean, SJPF, Ste Jean, SJPF, EALK, Alkurruntz, EALK, Makanchi Array, MTLF, Montolio, MTLF, etc.

NEIC 19 08:53:28.0, 45.63S, 167.15E, h12km, ML4.1(WEL), After WEL, South Island

Code, Station Name, Az, AZ, Phase ID, Time Res, WHZ, Wether Hill Ro, WHZ, Mavora Lakes, etc.

ICD 19 08:57:24.4, 3.8, 2.16S, 140.25E, mb3.4/2, mb1 3.6/3, mb1mx3.5/8, ML3.5/1, Error ellipse: s-maj=141.0km s-min=29.2km az=87.0, Near north coast of Irian Jaya

Code, Station Name, Az, AZ, Phase ID, Time Res, WRA, Warramunga Arr, WRA, Alice Springs, MKAR, Makanchi Array, etc.

ICD 19 09:05:35.3, 1.3, 8.47N, 104.99E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, ML2.7/1, MS3.3/1, Ms1 3.4/1, ms1mx2.4/24, Error ellipse: s-maj=52.2km s-min=24.5km az=131.0, ISC 19 09:05:35.0, 1.2, 8.47N, 104.99E, h10km, n6, c194/25, mb3.4/3, MS3.2/1, North of Severnaya Zemlya

Code, Station Name, Az, AZ, Phase ID, Time Res, SPITS, Spitsbergen Arr, ARCES ARCESS Array, INK, Inuvik, ILAR, Etleson Array, MKAR, Makanchi Array, TXAR, Lajitas Array, etc.

ICD 19 09:23:49.0, 8.4, 9.1N, 128.14E, mb4.1/8, mb4.1/8, mb4.1/8, mb1mx4.2/13, Error ellipse: s-maj=60.0km s-min=18.1km az=72.0, NEIC 19 09:23:56.2, 4.8, 4.80N, 128.05E, h45km, 46km, mb4.1/4, Error ellipse: s-maj=39.9km s-min=10.8km az=62.0, ISC 19 09:23:52.2, 6.8, 4.8N, 128.05E, h27km, 48km, n18, c091/18, mb4.1/1, 1D, Talaud Islands

Code, Station Name, Az, AZ, Phase ID, Time Res, KCP, Kadapan, KAKA, Kadapan, QIZ, Qionghong, FITZ, Fitzroy Crossi, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR, Alice Springs, etc.

Code, Station Name, Az, AZ, Phase ID, Time Res, STKA, Stephens Creek, ULN, Ulanbaatar, MKAR, Makanchi Array, ZAL, Zalesovo, KURK, Kurchatov, KURK, Kurchatov, etc.



GERES
comp=Z,1.0nm,1.0s,mb3.7
WRA Warramunga Arr 80.64 221 P P 13 45 07.7 -0.8

NEIC 19 13:47:11.3±1.6, 51.39N±177.77E, h41km±12km, mb3.9/1, Error ellipse: s-maj=32.4km s-min=10.6km az=188.0

Code Station Name Az AZ Phase ID Time Res h m s ISC
FX1 Attu Island-F 3.35 303 P 13 47 59.2 -1.2

IDC 19 13:50:56.4±1.9, 4.18S±129.67E, mb3.8/1, mb1 4.2/3, mb1mx4.1/8, ML4.0/2, MS2.9/1, M1 2.9/1, m1mx2.6/15

Code Station Name Az AZ Phase ID Time Res h m s ISC
KAKA Kakadu 8.48 164 eP 13 53 14.8 +0.5

MAN 19 14:04:35.1, 13.24N±122.76E, h1km, mb4.4, ML3.3, MS3.1, 1C-2D, Luzon

Code Station Name Az AZ Phase ID Time Res h m s ISC
AUQP San Andres 0.12 317 eP 14 04 39.4 +2.0

BUI 19 14:32:13.4, 1.68S±127.31E, h33km, mb5.2, mb5.1, Ms4.6, Ms4.2
MOS 19 14:32:18.1±1.1, 1.01S±126.88E, h33km, mb5.5/19, Error ellipse: s-maj=10.3km s-min=6.6km az=104.3

HRVD 19 14:32:19.0±1.0, 0.77S±126.57E, h33km, mb5.5/2, Error ellipse: s-maj=45.9km s-min=20.0km az=167.0

Code Station Name Az AZ Phase ID Time Res h m s ISC
BUNI Buntu Taipa 7.12 249 jP 14 34 13.3 -0.1

WRAB Tennant Creek 20.05 159 P 14 36 48.5 -2.6
WRAB Tennant Creek 20.05 89 eP 14 36 48.9 -2.3

ASAR Alice Springs 23.40 164 P 14 37 24.9 -0.1

Code Station Name Az AZ Phase ID Time Res h m s ISC
ASPA Alice Springs 23.40 164 eP 14 37 24.3 -0.6

COCO West Island 31.85 248 PFAKE LR 14 38 50.0 +7.6

Code Station Name Az AZ Phase ID Time Res h m s ISC
SSE Sheshan 32.50 351 P 14 38 49.1 +1.2

MAJJO Matsushiro 38.89 14 eP 14 39 41.2 -1.1

Code Station Name Az AZ Phase ID Time Res h m s ISC
ENH Enshi 35.39 333 eP 14 39 13.1 +0.3

MAJO Matsushiro 38.89 14 eP 14 39 41.2 -1.1

Code Station Name Az AZ Phase ID Time Res h m s ISC
MAJO Matsushiro 38.89 14 eP 14 39 41.2 -1.1

Code Station Name Az AZ Phase ID Time Res h m s ISC
LZH Lanzhou 42.83 332 P 14 40 16.8 +2.1

SHL Shillong 43.07 310 iP 14 40 16.1 -0.7
WAKE Wake Island 43.90 60 PFAKE LR 14 40 32.1 -8.9

HHC Hu-ho-hao-te 44.06 343 eP 14 40 25.4 +0.8

Code Station Name Az AZ Phase ID Time Res h m s ISC
HHC comp=Z,124nm,6.1s LR 14 41 17.6 +4.9

LSA Lhasa 45.91 315 P 14 40 41.3 +1.8

Code Station Name Az AZ Phase ID Time Res h m s ISC
PALK Pallekele 46.91 281 eP 14 40 43.3 -7.3

KAN Kani 49.28 303 eP 14 41 06.0 +0.2

Code Station Name Az AZ Phase ID Time Res h m s ISC
KUD Kudat 49.24 294 jP 14 41 06.0 +0.2

YSS Yuzh-Sakhalins 49.83 14 jP 14 41 09.4 -0.5

Code Station Name Az AZ Phase ID Time Res h m s ISC
GKN Gorkha 49.88 309 eP 14 41 10.5 0.0

YSS Yuzh-Sakhalins 49.83 14 jP 14 41 23.3

Code Station Name Az AZ Phase ID Time Res h m s ISC
WMO Wujie 50.76 327 P 14 42 03.0 +1.1

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bodabo, Petropavlovsk, KASHI, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, IMA, PMS, SYO, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP, Villa Florida, LPAZ, and many others.

IDC 19 15:27:21.3z.5.8, 6.82N-73.15W, h164km, 112km, mb3.2/3, mb1 3.6/4, mb1mx3.2/16, Error ellipse: s-maj=146.0km s-min=80.4km az=165.0

ISC 19 15:27:19.2z.3.4.7.0Nz.0.2-73.1Wz.0.6, h150km, n4, az=62/5, mb3.5/3, Northern Colombia

Table with columns for Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC, TXAR, ULM, and YKA.

IDC 19 15:59:47.7z.1.1.59.27Sx29.10W, mb4.5/3, mb1 4.7/3, mb1mx4.4/7, Error ellipse: s-maj=103.0km s-min=31.7km az=47.0

NEIC 19 15:59:53.6z.1.0.57.15Sx25.02W, h55km, mb4.3/3, Error ellipse: s-maj=52.3km s-min=11.6km az=61.0

ISC 19 15:59:43.9z.1.9.56.4Sx0.4-92.8Wz.1.0, h25km, 54km, n23, az=61/11, mb4.2/7.5C, South Sandwich Islands region

Table with columns for Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA3, SNA, and many others.

NEIC 19 16:22:03.9, 29.93Sx71.33W, h48km, MD3.7(GUC), After GUC

GUC 19 16:22:03.9, 0.8, 29.93Sx71.33W, h48km, 3km, MD3.7, ML3.3, 2C-1D, Near coast of Central Chile

Table with columns for Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TLL, VACH, OVCH, and many others.

NEIC 19 16:41:47.2z.1.7.37S, 128.09E, h139km, 19km, mb4.5/3, Error ellipse: s-maj=28.3km s-min=15.9km az=68.0

IDC 19 16:41:49.6z.10.0.7.37S, 127.94E, h159km, 92km, mb3.7/1, mb1 3.9/2, mb1mx3.6/6, Error ellipse: s-maj=197.0km s-min=23.3km az=61.0

ISC 19 16:41:46.4z.1.9.7.38S, 0.10, 128.3E, h144km, 19km, n18, az=98/18, mb4.3/5, 2D, Banda Sea

Table with columns for Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KAKA, FITZ, WRAB, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, JIRN Jiri, KAKI Kakani, etc.

IDC 19 17:40:17.6:1.6, 2.29S: 139.62E, mb3.8/3, mb1.4/1.3, mb1mx4.0/6, Error ellipse: s-maj=70.5km s-min=31.0km az=95.0

ISC 19 17:40:22.0:1.4, 2.35:0.2:139.0:0.4, h33km, n5, c1916/5, mb3.8/3, Near north coast of Irian Jaya

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

IDC 19 18:38:07.8:3.8, 17.90S: 178.08W, h547km, mb3.6/9, mb1.3/9, mb1mx3.9/12, Error ellipse: s-maj=36.0km s-min=12.8km az=144.0

NEIC 19 18:38:09.1:4.4, 17.91S: 178.07W, h563km, mb4.4/6, Error ellipse: s-maj=29.8km s-min=17.8km az=175.0

ISC 19 18:38:08.1:2.8, 17.9S: 0.2:178.1W:0.1, h563km, mb3.8/n28, c099/19, mb4.1/14, 1C, Fijian Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, TOO Toolangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, 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 ASAR Alice Springs, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, TNV Tin City, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, YKA Yellowknife Ar, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, NKC Novy Kostel, KHC Kasperske Hory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERS GERESS Array B, GERS GERESS Array B, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NLU North Lily Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAU Daniels Canyon, SPGU Big Grassy Mou, BPUT Tungstoen Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, BBB Bella Bella, ILAR Eielson Array, etc.

NEIC 19 19:01:34.3:0.8, 43.74N: 105.14W, ML2.7, Error ellipse: s-maj=20.9km s-min=7.7km az=151.0, Suspected Mining explosion

NEIC 70 km [40 miles] SSE of Gillette. IDC 19 19:01:34.8:2.6, 44.23N: 105.73W, mb1.3/9/3, mb1mx3.7/15, ML3.3/3, Error ellipse: s-maj=80.4km s-min=15.8km az=145.0

ISC 19 19:01:32.5:1.2, 43.5N: 0.2:105.0W:0.2, n15, c1910/18, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, BW06 Boulder Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, LKWI Lake, etc.

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

NIED 19 19:15:00.42, 10N, 144.30E, h29km, Mw3.9 Best double couple: M8.07x10^14 NP1 232, a666, lambda-113. NP2: a977, b333, lambda-49

IDC 19 19:15:42.0:2.0, 41.94N: 144.38E, mb3.8/9, mb1.4/0.10, mb1mx3.9/17, ML3.9/1, MS3.2/1, Ms1.3/2.1, ms1mx2.9/21, Error ellipse: s-maj=49.4km s-min=23.6km az=14.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAK Akeshi, JAK Urakawa-nobuka, JNBK Ashorobuto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JEM Erimo, NEM2 Nemuro 2, JFR Furan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, HFS Hagfors, HFS Hagfors, etc.

IDC 19 19:20:55.9:5.4, 23.64S: 66.37W, h211km, mb2.8/1, mb1.3/2.3, mb1mx3.7/11, Error ellipse: s-maj=97.8km s-min=22.3km az=48.0, Jujuy Province

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

MAN 19 19:23:57.5, 10.45N: 123.33E, h11km, mb4.2, ML3.0, MS2.7, CC-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLP Lapu-Lapu, LLP Tagbilaran, LLP Sibulan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RCP Roxas, RCP Ormoc, MSLP Maasin, etc.

NEIC 19 19:51:10.2:0.8, 6.64S: 150.30E, mb4.2/3, Error ellipse: s-maj=30.3km s-min=10.9km az=125.0

IDC 19 19:51:10.9:1.0, 6.47S: 150.06E, h34km, mb3.6/5, mb1.3/9.5, mb1mx3.9/6, Error ellipse: s-maj=59.3km s-min=20.6km az=128.0

ISC 19 19:51:08.2:0.7, 6.65S: 0.1:150.4E:0.2, h34km, h34km, 5km; pP, n20, c1923/21, mb4.1/11, 2C, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBE Kimbe, RAB Rabaul, PMG Port Moresby, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASPA Alice Springs, FITZ Fitzroy Crossi, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKK Kakan, DMN Daman, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, QSPA South Pole Qui, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

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

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

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

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

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

Table with 7 columns: Station Name, Time, Res, Phase ID, etc. Includes stations like AI-Radifah, AI-Naaiem, comp-z,127nm,0.5s, comp-z,85nm,0.5s, etc.

MAN 19 20:44:26.2, 19.01N:120.66E, h18km, mb4.9, ML3.8, MS3.7, 1C-1D, Philippine Islands region

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like APYP, ABRA, SZP, SGCP, etc.

IDC 19 20:46:55.7, 2.4, 48.61S-106.06E, mb3.71, mb1 3.9/1, mb1mx3.6/4, MS3.8/1, Ms1 3.7/1, ms1mx3.5/3, Error ellipse: s-maj=117.0km s-min=53.2km az=116.0, Southeast Indian Ridge

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like MAW, ASAR, NVAR, TXAR, YKA, etc.

CASC 19 22:13:05.4, 2.2, 10.97N-86.93W, MD4.0, ML3.2, 7C-6D, Off coast of Costa Rica

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like COPN, APON, MASH, etc.

NEIC 19 22:30:54.4, 1.2, 34.04N-15.00W, h10km, Error ellipse: s-maj=15.5km s-min=9.2km az=93.0, MDD 19 22:30:58.7, 0.7, 34.00N-14.82W, h33km, mb4.8/15, Error ellipse: s-maj=13.7km s-min=5.9km az=126.0, PRXIMO SOLUCIN POBRE

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like IMNG, LDG, etc.

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like PTEO, PTEO, PLME, etc.

Main table with 7 columns: Station Name, Time, Res, Phase ID, etc. Includes stations like EGRG, EGRG, ERIP, ERIP, ERI, etc.

Table with 7 columns: Station Name, Time, Res, Phase ID, etc. Includes stations like EHUE, EHUE, EPON, EPON, EPON, etc.

IDC 19 22:34:31.4, 3.1, 50.52N-156.65E, mb3.4/4, mb1 3.8/4, mb1mx3.6/15, Error ellipse: s-maj=118.0km s-min=31.1km az=179.0

KRSC 19 22:34:39.6, 1.1, 50.54N-157.03E, h35km, 12km, ML4.1, ISC 19 22:34:38.6, 0.9, 50.46N-155.167E, 0.07, h35km, n19, r1505/34, mb3.5/4, Kuril Islands

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like SKR, PAU, ALID, ALID, etc.

NEIC 19 22:36:44.5, 35.65N-120.94W, h8km, ML3.5(NCEDC), After NCEDC, Central California

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like LRV, ISA, SAC, etc.

BER 19 22:47:23.0, 0.8, 76.99N-19.64E, ML2.0(NAO), NAO 19 22:47:26.4, 1.7, 76.94N-19.10E, h15km, 37km, ML2.0, Svalbard region

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like SPA0, SPA0, ARA0, ARA0, etc.

NIED 19 23:30:00, 35.80N-140.80E, h50km, Mw4.0 Best double couple: M=1.07x10^15 NP1=96°, δ63°, λ91°. NP2=184°, δ27°, λ88°

Table with 7 columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like IDC, JMA, etc.





Table of station data for 20d 0h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 2004 JAN, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 432, including columns for station name, coordinates, and various parameters like elevation and signal strength.





Table with columns: ILAR, Eielson Array, 65.56 26 P, 0.4nm, 0.4s, mb3.5, baz=260, slow=4.6, SNR=7.0

IDC 20 03:56:36.2-1.1, 33.92N-69.44E, mb3.8/6, mb1 3.9/8, mb1mx3.8/14, ML3.7/2, MS3.3/2, Ms1 3.4/2, ms1mx3.0/16, Error ellipse: s-maj=36.0km s-min=24.4km az=97.0

NEIC 20 03:56:39.4-7.0, 33.90N-69.39E, h20km, 50km, Error ellipse: s-maj=23.7km s-min=19.6km az=96.0

NNC 20 03:56:39.7-17.0, 33.73N-69.41E, h33km, 139km, Error ellipse: s-maj=126.1km s-min=113.6km az=77.0

MOS 20 03:56:39.1-1.3, 33.93N-69.33E, h33km, mb4.4/2, Error ellipse: s-maj=37.1km s-min=10.5km az=86.8

ISC 20 03:56:33.7-1.8, 33.81N-0.05-69.62E, 0.08, h1km, 13km, n40, r1515/45, mb3.9/6, MS3.3/2, 5C-1D, Southeastern Afghanistan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: HWA, Hwalien, 0.09 282 J/P, 0.46 13.3+1.8, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

Table with columns: PCH, Pirque, 0.56 259 J/P, 0.46 17.1+4.5, comp=N, 2um, 0.2s

JMA 20 05:16:51.1-0.1, 31.70N-141.39E, h26km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

WAR 20 06:39:10.9, 51.46N-16.07E, ML2.6, Mining Induced

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 20 06:01:03.2-0.5, 23.76S-177.97W, mb3.9/2, mb1 4.2/2, mb1mx4.0/7, Error ellipse: s-maj=499.0km s-min=37.7km az=161.0, South of Fiji Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

NEIC 20 06:44:14.9, 38.45S-175.84E, h217km, After WEL

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

NEIC 20 06:56:30.1±0.5, 62.45S; 161.45W, h10km, mb4.7/10, MS5.1/59, Error ellipse: s-maj=16.3km s-min=12.5km az=47.0

Table with 11 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res h:m:s, ISC. Includes stations like SBA Scott Base, VANDA Vanda, SNZO South Karori, etc.

Table with 11 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res h:m:s, ISC. Includes stations like HWUT Hardware Ranch, ISCO Idaho Springs, AHID Auburn Hatcher, etc.

IDC 20 08:11:53.9±0.8, 58.36N; 151.54W, mb5.1/15, mb1.5/0.19, mb1mx5.0/20, M5.5/1.3, MS4.9/10, Ms1 4.9/10, ms1mx4.8/15, Error ellipse: s-maj=20.4km s-min=15.4km az=168.0

Table with 11 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res h:m:s, ISC. Includes stations like KDC Kodiak Island, KDKA Kodiak Island, KDAK Kodiak Island, etc.

Table with 11 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res h:m:s, ISC. Includes stations like IVE Iliamna Volcan, IVS Iliamna South, ILM Iliamna, etc.



Table with columns for call sign, frequency, power, and status. Includes entries like SUW, WTSB, CLZ, WAR, HGN, AB31, CLL, etc.

Table with columns for call sign, frequency, power, and status. Includes entries like MOF, LOR, FELD, CRVS, K KARATAY, etc.

Table with columns for call sign, frequency, power, and status. Includes entries like KMI, FRF, SEI, MAIM, LMR, VMTG, etc.



comp=Z,1.9nm,0.8s,baz=27,slow=1.8,SNR=8.4
VYDA Vanda 138.67 194 PKP PKPdf 08 31 17.8 -0.6
LBTB Lobatse 146.61 51 eP PKPdf 08 31 36.4 +2.9
QSPA South Pole Qui 148.16 180 ePKP PKPdf 08 31 38.8 +4.4
GNSA comp=Z,430nm,20.4s,MS2.2
BOSA Boshof 150.17 6 ePKPdf PKPdf 08 31 40.3 +1.2

NEIC 20 08:31:35.9;0.4, 6.71N-72.93W, mb4.5/13, Error ellipse:
s-maj=8.0km s-min=6.8km az=118.0
FUNV 20 08:31:35.8; 6.76N;73.02W, h169km, MW4.0
IDC 20 08:31:36.7;0.6, 6.75N;73.03W, h169km, mb3.8/5,
mb1.4/0.5, mb1mx4.9/9, Error ellipse: s-maj=25.2km
s-min=11.8km az=106.0

ISC 20 08:31:35.0;0.4, 6.85N;0.4C-72.82W,0.03,h168km,3km,
n81,+1509/95,mb4.5/17,4C-1D,Northern Columbia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data points.

s-min=31.6km az=49.0
NEIC 20 08:34:12.7;0.6, 40.10N;119.11E, h10km, mb4.6/4, Error
ellipse: s-maj=34.3km s-min=8.6km az=214.0
NEIC Felt by people in high-rise buildings at Beijing.
MOS 20 08:34:13.7;1.2, 39.92N;118.50E, h20km, mb4.5/9, Error
ellipse: s-maj=17.9km s-min=8.2km az=128.5
ISC 20 08:34:12.1;1.8, 39.86N;0.05;118.98E;0.04, h23km;14km,
n71,+1526/89,mb4.5/25,MS4.1/1,3C-2D,Northeastern
China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data points.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data points.

MOS 20 09:45:19.7;1.6, 43.21N;46.81E, h16km, mb3.6/1, 1C,
Error ellipse: s-maj=35.7km s-min=14.4km az=97.0,
Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data points.

ISK 20 09:52:55.2; 39.12N-28.60E, h7km, MD2.8
ATH 20 09:52:56.4; 39.26N-28.50E, h10km, 9km, MD3.3/3
ISC 20 09:52:55.0;0.4, 39.11N;0.02;28.62E;0.04, h7km, n25,
+1514/35,2C, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data points.

BUI 20 08:34:10.0, 39.78N;118.96E, h9km, mb4.7, mb4.4, ML4.7,
Ms4.4, Ms24.2
IDC 20 08:34:11.8;1.4, 40.22N;119.22E, mb4.3/8, mb1.4/3/9,
mb1mx4.2/12, ML4.6/1, Error ellipse: s-maj=47.2km

WMO Urumqi 23.57 290 eP P 08 39 22.0 +0.5
WMO 08 39 36.0
WMO 08 39 54.0 0.0
WMO 08 43 29.0 -1.7

WMO 08 44 17.0 -2.3
WMO 08 44 17.0 -2.3
WMO 08 44 17.0 -2.3
WMO 08 44 17.0 -2.3



Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like RCM, GSM, RMW, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like WTTA, WLOA, WLF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like SPITS, FINES, MOS 20, MAN 20, etc.



Table of station data for 443, including stations like XAN, CD2, ADE, BJT, BJI, LZH, HHC, HNC, CN2, TOO, MDJ, SHL, LSA, LSA, GTA, KLR, VIS, JIRN, PKI, KKN, DMN, ULN, ULN, ULN, GKN, KOLN, DANN, HYB, HYB, HYB, HYB, ZAK, BHP, MOY, POO, BOD, AJM, THN, YAK, YAK, YAK, RCMR, KSH, KSH, KZA, TKM2, KBK, UCH, AAK, USP, AML, EKS2, KURK, KURK, NVS, NVS, NVS, NVS, KKA, KKA, TIXI, TIXI, TIXI, BRVK, BRVK, CHZK, CHZK, ZRNK, BILL, BILL, BILL, AB31, AB31, ARU, ARU, ARU, ARU, ARU, MIB, MIB.

Table of station data for 2004 JAN, including stations like NAY, RST, IMA, IMA, GNI, GNI, TI2, MCK, MCK, ILAR, ILAR, SOC, SOC, SOC, SOC, SOC, VRSR, VRSR, VRSR, VRSR, OBN, OBN, OBN, OBN, QSPA, ARCES, FINES, GERES, NEIC, GUC, Code, PTCH, ILCH, PACH, JACH, ROCH, ROCH, PUEX, CLCH, CLCH, CLCH, CLCH, FCH, FCH, FCH, LCH, OVCH, ANTU, ANTU, ANTU, TACH, TACH, TACH, PCH, CHCH, CHCH, LMEL, LMEL, LMEL, TLL, TLL, TLL, CACH, ZON, ZON, CICH, SFDO, IDC, NEIC, BUI, IDC, Southeast of Loyalty Islands, Code, DZM, DZM, PMG, STKA, ASPA, KAKA, FITZ, GSPA, ENH, ENH, XAN, XAN, XAN, HHC, HHC.

Table of station data for 20d 17h, including stations like HHC, LZH, LZH, LZH, ULN, ILAR, SWET, KMBO, KMBO, PSZ, DPC, UPJ, BRG, CLL, CLL, SKO, KHC, GERES, CII, IDC, MOS, ISC, Code, KCP, ZMPH, KAKA, FITZ, ASPA, ASPA, STKA, JIRN, PKI, KKN, DMN, GKN, KOLN, ULN, ULN, ULN, MKAR, MKAR, YAK, YAK, KURK, KURK, KKAR, KKAR, BRVK, BRVK, CHZK, CHZK, ZRNK, ZRNK, TIXI, TIXI, AB31, ARU, ARU, SOC, SOC, SOC, SOC, VRSR, VRSR, VRSR, VRSR, VRSR, ILAR, OBN, OBN, OBN, ARCS, FINES, LPAZ, Code, SPN, SPN, SPN, RUS, RUS, UGLR, UGLR, PET, PET, PET, PET, PET, SMAR.





Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Maizieres J'vi, Arcevia, Esanotologia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EGRO El Granado, EGRO El Granado, EGRO El Granado, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BGF Bois d'Agland, MBDF Montbardon, ORIF Oris-en-Rattie, etc.

NIED 20:04:00.37.30N;142.10E, h23km, Mw3.8 Best double couple: M:6.14x1014 NP1:359, d:73, i:49. NP2:250, d:44, i:155.

JMA 20:04:40.4.0.2, 37.26N;142.13E, h32km, M4.2 JMA Feit I J1

ISC 20:04:45.7.2.0, 37.29N;0.08.141.7E:0.2, h32km, n12, r:149/14, mb4.6/3d, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMM Harurumi, etc.

NEIC 20:10:14:37.5, 16.59N;94.87W, h77km, MD3.6(MEX), After MEX

MEX 20:10:14:37.4.0.8, 16.58N;94.87W, h78km;11km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TUIG Tuzandepetl, OXX Oaxaca, etc.

NEIC 20:20:41:27.3, 39.65N;9.56W, MN2.4(MDD), After MDD

MDD 20:20:41:27.4.0.7, 39.62N;9.76W, h11km, mb3.9/10, mbl2.7/18, Error ellipse: s-maj=7.9km s-min=3.5km az=85.0, PRXIMO

INMG 20:20:41:28.0.0.9, 39.61N;9.76W, h13km;2km, ML2.7, Error ellipse: s-maj=3.2km s-min=1.2km az=87.0

IGL 20:20:41:29.1, 39.60N;9.70W, h2km, ML3.6

ISC 20:20:41:26.4.0.6, 39.66N;0.02.9.58W:0.06, h13km, n61, r:136/113, Portugal

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLOU Loures, PTOM Tomar, ALMR Almeirim, etc.

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EGRO El Granado, EGRO El Granado, EGRO El Granado, etc.

IDC 20:59:08.7.6.6, 20.84S;177.03E, mb4.5/1, mb1 4.9/1, mb1mx4.7/3, Error ellipse: s-maj=527.0km s-min=128.7km az=126.0

ISC 20:59:26.8.1.5, 14.71S;0.09x166.0E:0.2, h33km, n17, r:132/5, mb4.5/1, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PVC Port Vila, DZM Mont Dzumac, ILAR Eielson Array, etc.

MAN 20:21:06:46.8, 13.72N;125.18E, h33km, mb4.8, ML3.7, MS3.6

ISC 20:21:06:47.3.0.9, 13.72N;0.04.125.10E:0.07, h55km, 14km, n25, r:100/36, mb4.1/1, C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PVCP Virac, PVCP Virac, CNP Catarman, etc.

NEIC 20:21:08:35.3.0.5, 44.16N;105.11W, mb3.8/1, ML4.0, Error ellipse: s-maj=6.3km s-min=4.4km az=83.0, Suspected Mining explosion., Wyoming

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LKWW Lake, LKWW Lake, YMR Madison River, etc.

NEIC 20:21:34:34.1, 14.64N;93.90W, h24km, MD4.5(MEX), After MEX

MEX 20:21:34:34.1.1.2, 14.64N;93.90W, h24km;999km, MD4.6,



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCIG Comitan, SCX San Cristobal, CMIG Matias Romero, etc.

ADC 20 23:27:14.3z-2.6, 53.89N:165.44W, mb4.3/13, mb1 4.4/14, mb1 mx4.4/16, ML3.7/1, MS3.5/5, Ms1 3.6/5, ms1 mx3.4/14, Error ellipse: s-maj=6.9km s-min=25.2km az=8.0

NEIC 20 23:27:18.6z-0.5, 53.74N:165.31W, h36km, mb4.5/20, Error ellipse: s-maj=6.2km s-min=4.1km az=186.0

ISC 20 23:27:15.8z-1.7, 53.78N:0.06:165.25W, 0.06, h2km, n12km, n80, a083/79, mb4.5/36, MS3.5/5, Fox Islands

Main station list table for the left column, including stations like UNV Unalaska Valle, SDN Sand Point, ADK Adak, etc.

ellipse: s-maj=0.0km s-min=0.0km az=1.0 LEDBW 20 23:37:23.8z-0.3, 47.60N:9.00E, h5km, 2km, ML2.0, Error ellipse: s-maj=6.0km s-min=4.0km az=30.0

LDG 20 23:37:23.0z-0.1, 47.62N:9.09E, h13km, 1km, ML2.2/10, Error ellipse: s-maj=2.4km s-min=1.3km az=93.0

ZUR 20 23:37:23.7z-47.60N:9.02E, h7km, ML1.8/9, BGR 20 23:37:24.1z-0.2, 47.61N:9.03E, h10km, ML2.1/3, Error ellipse: s-maj=3.3km s-min=2.2km az=153.0

ISC 20 23:37:22.8z-0.2, 47.60N:0.01:9.01E, 0.02, h10km, n55, a1913/93, 15C-7D, Germany

Main station list table for the middle column, including stations like WEIN Weingarten, SIBS Singen-Sch Ber, SIBS Singen-Sch Ber, etc.

WET Wetzell SNR=2.1 3.01 58 eSg Sg 23 38 58.4 -4.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU2 Mitsune, JIM2 Oshima 3, BSO1 Boso 1, etc.

JMA 21 00:11:41.8z-0.3, 32.15N:140.06E, h131km, 2km, M3.5, ISC 21 00:11:41.6z-1.9, 32.3N:140.139E, 0.3, h150km, 12km, n8, a076/10, mb3.9/2, Southeast of Honshu

ISC 21 00:15:03.8z-1.2, 14.48S:0.08:167.38E, 0.08, h209km, 13km, n157, a1907/67, mb4.5/28, 1C-4D, Vanuatu

Main station list table for the right column, including stations like PVC Port Vila, DZM Mont Dzumac, DZM Mont Dzumac, etc.

NEIC 20 23:37:23.7z-47.60N:9.00E, h7km, ML2.2(LDG), ML2.1(STR), ML2.1(VIE), ML1.8(ZUR), After ZUR, STR 20 23:37:23.7z-0.2, 47.63N:9.05E, h5km, 1km, ML2.1, Error

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like YKWB, ARU, ARU, KEV, JOF, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like KBG, KBG, KRZR, KRZR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like MIPR, MALAYA, MALAYA, etc.

IDC 21 00:15:31.9,12.0,53.82N,161.97E,mb4.1/5,mb1 4.1/5,mb1mx4.0/9,Error ellipse: s-maj=270.0km s-min=45.6km az=3.0

NEIC 21 00:15:40.5,0.9,54.25N,161.51E,h40km,mb3.9/1,Error ellipse: s-maj=21.8km s-min=14.9km az=162.0

KRSZ 21 00:15:43.7,0.5,54.50N,161.69E,h37km,mb2,MLA.2

MOS 21 00:15:44.2,6.5,54.52N,161.56E,h35km,mb4.5/7,Error ellipse: s-maj=19.1km s-min=8.5km az=84.4

ISC 21 00:15:43.7,0.5,54.49N,161.03,161.77E,0.06,h37km,n47,0.1508/62,mb4.2/5, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like Penitula, MKZ, MKZ, etc.

IDC 21 00:15:43.1,5.0,54.50N,161.33E,mb4.1/9,mb1 4.3/9,mb1mx4.2/11,Error ellipse: s-maj=116.0km s-min=33.0km az=176.0

NEIC 21 00:15:48.5,1.1,54.27N,161.50E,h47km,13km,mb4.3/15,Error ellipse: s-maj=17.8km s-min=10.2km az=170.0

MOS 21 00:15:50.4,1.0,54.47N,161.73E,h68km,mb4.5/17,Error ellipse: s-maj=21.0km s-min=7.1km az=91.0

KRSZ 21 00:15:50.4,0.8,54.50N,161.71E,h39km,2km,MLA.6

ISC 21 00:15:50.1,0.4,54.49N,160.02,161.79E,0.06,h64km,3km,n49,0.1811/27,mb4.2/24,Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like Penitula, MKZ, MKZ, etc.

MDD 21 00:16:09.2,0.7,43.20N,0.91W,h16km,4km,mbLg1.1/4,Error ellipse: s-maj=5.8km s-min=2.3km az=22.0,PRXIMO

LDG 21 00:16:09.3,0.4,42.92N,1.07W,h15km,Md1.7/2,Md1.7/1,Error ellipse: s-maj=14.1km s-min=2.4km az=25.0

NEIC 21 00:16:10.4,4.3,18N,-1.01W,h5km,ML2.0(STR),ML1.7(LDG) After STR.

STR 21 00:16:10.4,0.2,43.18N,-1.01W,h5km,1km,Ml2.0,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC n12,0571/22,Pyrenees

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include OSSF, ETSF, EALK, EAL, EPF, ECRI, ECRI.

MAN 21 00:26:18.5, 13.63N:120.64E, h95km, mb4.2, ML3.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include PGP, LUBP, TGTY, LQP, BOAC, SAMP, POLP, BUSP, SCZP, BALP, KALP, ENPP, CUYO.

NEIC 21 00:30:13.7, 39.63N:9.73W, h10km, MN2.9(MDD), After

MDD 21 00:30:13.4, 0.7, 39.63N:9.79W, h11km, mbLg3.1/22,

LDG 21 00:30:13.8, 0.3, 39.58N:9.77W, h10km, Md3.9/1, M13.5/4,

INMG 21 00:30:14.1, 39.60N:9.82W, h2km, ML4.0,

ISC 21 00:30:13.7, 0.5, 39.68N:0.01-9.42W:0.04, h14km, n96,

Main table for station data on the left side, containing various station codes and their associated coordinates and times.

Main table for station data in the middle, containing various station codes and their associated coordinates and times.

Table for station data on the right side, containing various station codes and their associated coordinates and times.

BER 21 00:31:02.6:3.4, 67.81N:20.11E, ML1.7, Suspected

HEL 21 00:31:02.3:0.1, 67.83N:20.23E, ML1.9, ML1.7(BER),

ISC 21 00:30:59.9:0.8, 67.83N:20.04:20.11E:0.10, n10, e155/17,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include KIF, KTK1, TRO, SGF, LOF, ARAO, MOR, KEVO, NSS, KJN.

STR 21 00:32:43.6:0.2, 43.17N:0.80W, h5km, 1km, MI2.1, Error

MDD 21 00:32:43.9:0.6, 43.17N:0.93W, h16km, 4km, mbLg0.8/4,

NEIC 21 00:32:44.3:0.4, 43.17N:0.93W, h10km, ML2.1(STR),

LDG 21 00:32:44.3:0.2, 43.17N:0.93W, h10km, Md1.6/2, M11.7/1,

ISC 21 00:32:43.6:1.0, 43.16N:0.07-0.94W:0.05, h17km, n9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include ORDF, LARF, ATE, SJJPF, ETSF, EALK, EPF.

HEL 21 00:34:54.5:0.2, 67.84N:20.21E, ML1.7, ML1.6(BER),

BER 21 00:34:55.7:3.8, 67.83N:20.07E, ML1.6, Suspected

ISC 21 00:34:51.8:0.8, 67.77N:20.1E:0.1, n10, e098/16,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include KIF, KTK1, TRO.

Table with columns: TRO, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SODANKYL, LOFOTEN, ARCESS Array S, etc.

Table with columns: Bering, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KRUTOBEREGOVO, KRUTOBEREGOVO, KRUTOBEREGOVO, etc.

Table with columns: Espera, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ESPR, ESPR, ESPR, etc.

IGQ 21 00:39:15.4, 2.70S-79.01W, h37km, 1km, mb4.2, 10C-6D, Error ellipse: s-maj=2.7km s-min=1.6km az=52.7, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IGUA, ARR, PATATA, CUSUA, etc.

MDD 21 00:43:31.1±1.3, 37.6N±8.48W, h7km, 10km, mbLg1.4/5, Error ellipse: s-maj=14.9km s-min=4.0km az=20.0, PRXIMO SOLUCION POBRE

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GNL, KRMR, KRMR, etc.

NEIC 21 01:42:33.7, 44.44N±6.84E, h5km, MD2.7(ROM), ML2.9(LDG), ML2.9(GEN), ML2.7(STF), After STF, Error ellipse: s-maj=4.2km s-min=2.4km az=83.0, STR 21 01:42:33.7, 44.44N±6.84E, h5km, 1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 21 01:42:33.7, 44.44N±6.84E, h2km, MD3.0, 2, ML2.9/14, Error ellipse: s-maj=1.9km s-min=1.2km az=79.0, ROM 21 01:42:34.0, 44.36N±6.93E, h5km, MD2.7/4, ML2.0/3, Error ellipse: s-maj=5.2km s-min=2.5km az=90.0, ISC 21 01:42:32.7, 44.44N±6.79E, 0.02, h11km, 2km, n65, 0882/118, 4C, France

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SURF, SURF, PZZ, PZZ, etc.

INMG 21 00:43:31.4, 0.4737N±8.48W, ML1.2, Error ellipse: s-maj=2.6km s-min=1.1km az=25.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PTEO, PTEO, PTEO, etc.

MOS 21 01:23:13.6, 0.6, 44.96N±150.80E, h33km, mb4.9/1, Error ellipse: s-maj=27.0km s-min=24.6km az=5.0, ISC 21 01:23:14.7, 2.2, 45.0N±0.2, 150.7E±0.2, h48km±14km, n14, 0676/15, mb4.5/3, 3, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, etc.

WEL 21 00:58:15.7, 0.3, 39.90S±177.01E, h34km, 2km, ML3.5/3, 1D, Error ellipse: s-maj=3.5km s-min=1.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YUK, YUK, YUK, etc.

MDD 21 01:32:50.9±1.8, 34.62N±5.56W, h12km±16km, mb3.5/11, Error ellipse: s-maj=12.0km s-min=7.2km az=71.0, PRXIMO SOLUCION POBRE

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PWZ, PWZ, BIFZ, etc.

NEIC 21 01:32:51.4±6.7, 34.71N±5.69W, h15km, Error ellipse: s-maj=76.3km s-min=14.0km az=190.0, ISC 21 01:32:48.9±0.6, 34.68N±0.03, 5.63W±0.05, h12km, n33, 0122/62, Morocco

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YESS, SKR, SKR, etc.

MDD 21 01:32:50.9±1.8, 34.62N±5.56W, h12km±16km, mb3.5/11, Error ellipse: s-maj=12.0km s-min=7.2km az=71.0, PRXIMO SOLUCION POBRE

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DOI, DOI, DOI, etc.

KRSC 21 01:07:36.2±0.8, 55.05N±165.39E, h38km±9km, ML4.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KRSC, MOS, ISC, etc.

MDD 21 01:32:50.9±1.8, 34.62N±5.56W, h12km±16km, mb3.5/11, Error ellipse: s-maj=12.0km s-min=7.2km az=71.0, PRXIMO SOLUCION POBRE

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IFR, IFR, IFR, etc.

MDD 21 01:32:50.9±1.8, 34.62N±5.56W, h12km±16km, mb3.5/11, Error ellipse: s-maj=12.0km s-min=7.2km az=71.0, PRXIMO SOLUCION POBRE

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IFR, IFR, IFR, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Tavernes, Simiane la Rot, Finale Ligure, etc.

NEIC 01 02:34:31.7, 45.25S; 166.97E, h20km, ML3.8(WEL), After WEL.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Deep Cove, Mavora Lakes, Milford Sound, etc.

NEIC 01 02:44:25.8, 37.92N; 22.39E, h97km, After ATH.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Ithomi, Evrytania, Agios Georgios, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Oriolo Calabro, Sala Consiliina, Muro Lucano, etc.

NSSC 21 02:51:03.0, 33.58N; 35.82E, h16km, 1km. GRAL 21 02:51:03.3, 1.4, 33.59N; 35.79E, h0km, 999km, MD2.5.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like San Miguel, San Vicente, Bellamia, etc.

NEIC 21 04:38:48.6, 53.91N; 163.54W, h19km, mb4.0/5, ML4.0(AEIC), After AEIC.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like West Dahl East, West Dahl North, West Dahl Sout, etc.

MAN 21 04:54:24.7, 12.26N; 123.83E, h20km, mb3.9, ML2.6, MS2.2, ID, Luzon.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like West Dahl East, West Dahl North, West Dahl Sout, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Fines FINESS Array B, NB2 NORSTAR, BAIF Baines, etc.

TAP 21 04:47:24.3, 24.37N; 121.96E, h11km, ML3.8. TAP Felt III J at Nanau, I J at Suao.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Ena Nanau, TWC Suao, ILA ilan, etc.

MAN 21 04:54:24.7, 12.26N; 123.83E, h20km, mb3.9, ML2.6, MS2.2, ID, Luzon.

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like CNP Catarm, CNP Roxas, CNP Virac, etc.

Error ellipse: s-maj=15.0km s-min=11.0km az=142.0
BUJ 21 04:58:02.3, 15.30S:173.50W, h10km, mb4.6, mb4.7,
Ms4.5, Msz4.5

SYO 21 04:58:02.3, 15.30S:173.46W, h10km, MB4.8
ISC 21 04:58:01.8, 0.5, 15.29S:173.17W, 0.1, h10km, n62,
o=075/32, mb4.7/15, MS4.0/2.3D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like RARotonga, WB2Warramunga Arr, WRABTennant Creek, etc.

Table with columns: AGG, PLG, NVR, Polygyros, Nevrokopi. Values: 1.42 338 ePN, 2.30 355 ePN.

SVSA 21 05:18:09.6, 1.2, 39.05N:30.16W, h14km, MD3.5, Error
ellipse: s-maj=42.9km s-min=13.4km az=21.0, Azores
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like CEPCherat, CHKChirah Chowk, THWThamme Wali, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like LSA Lhasa, KAD Karad, GNI Garni, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Includes stations like Cerrillo, Universidad Na, Popocatepetl, etc.

SOF 21 05:49:09.5, 45.49N, 26.34E, h13km, MD3.7
MOS 21 05:49:10.4, 0.4, 0.8, 45.57N, 26.48E, h119km, mb4.0/1, Error ellipse: s-maj=7.3km s-min=5.1km az=97.3
NEIC 21 05:49:11.6, 0.4, 4.5, 61.1N, 26.55E, h171km, mb4.0/4, Error ellipse: s-maj=6.7km s-min=5.8km az=65.0
BUC 21 05:49:11.6, 1.1, 4.5, 52N, 26.46E, h118km, mb4.5/5, Error ellipse: s-maj=7.3km s-min=5.9km az=338.0
IDC 21 05:49:16.4, 0.2, 0.8E, h180km, mb3.2/1, mb1 3.5/s, mb1m3.3/1.0, Error ellipse: s-maj=7.2km s-min=3.5km az=140.0
ISC 21 05:49:10.1, 0.2, 45.56N, 0.03, h129km, mb3km, n86, e1507/105, 11C-3D, Romania

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Lists numerous stations across various regions.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Includes stations like Montbardon, ORIF, MEZF, LOR, FINES, etc.

NEIC 21 05:58:25.9, 36.43S, 178.30E, h140km, mb4.5/1, After WEL
WEL 21 05:58:27.4, 0.3, 36.66S, 178.01E, h127km, mb4.4/8, Error ellipse: s-maj=2.91km s-min=2.3km az=0.0
ISC 21 05:58:30.0, 1.3, 36.95S, 0.1, 177.4E, 0.1, h172km, n74, e1569/75, mb4.3/1.2D, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Lists numerous stations across various regions.

IDC 21 06:06:05.0, 0.5, 54.54N, 160.03E, mb4.2/7, mb1 4.2/7, mb1mx4.1/1.0, Error ellipse: s-maj=123.0km s-min=39.5km az=174.0
MOS 21 06:06:19.0, 1.6, 54.85N, 160.47E, h120km, mb4.1/9, Error ellipse: s-maj=18.0km s-min=8.7km az=85.4
NEIC 21 06:06:21.2, 1.0, 54.80N, 160.52E, h128km, 10km, mb4.4/7, Error ellipse: s-maj=12.8km s-min=10.4km az=134.0
KRSC 21 06:06:21.0, 0.2, 54.61N, 160.43E, h114km, 2km, ML4.5
ISC 21 06:06:19.9, 0.2, 54.82N, 0.02, 160.54E, 0.05, h132km, 2km, n80, e128/111, mb4.1/15, 2C-2D, Near east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Lists numerous stations across various regions.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Includes stations like SMAR, Somma, SMAR, Avacha, Uglavaya, etc.

SVLR Shiveluch 2.00 11 eP P 06 06 56.0 +1.7
SVLR Severo-Kuril's 2.05 36 eS P 06 06 56.8 +1.8
KBG Krutoberegovo 2.05 36 eS P 06 06 54.8 +1.0
KBG Krutoberegovo 2.05 36 iP P 06 06 57.4 +2.4
KBG Krutoberegovo 2.05 36 iS Smax P 06 07 22.9 +1.2

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, ISC. Lists numerous stations across various regions.

21d 12h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PAHR, WDC, MNV, ISA, etc.

NEIC 21 06:25:58.5, 35.56N-120.81W, h5km, ML3.5(NCEDC), After NCEDC, Central California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ISA, LKC, SAC, CMB, etc.

NNC 21 06:36:16.9, 0.9, 39.27N-69.84E, mpv3.1, Error ellipse: s-maj=8.5km s-min=6.2km az=131.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KK31, AML, UCH, etc.

NNC 21 06:36:15.9, 4.2, 38.8N-0.3, 70.1E-0.3, h142km, 62km, n9, c072/11, 3C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KK31, AML, UCH, AAK, etc.

KRSC 21 07:03:50.5, 0.8, 52.41N-159.66E, h25km, 5km, ML4.0, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RUS, SPN, PET, UGLR, etc.

MAN 21 08:15:03.0, 17.18N-119.70E, h1km, mb4.6, ML3.4, MS3.3, 1C-2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SZP, BOLP, ABRA, etc.

NNC 21 08:35:55.8, 3.7, 37.59N-70.72E, h12km, 126km, mpv3.4, Error ellipse: s-maj=95.5km s-min=31.0km az=65.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like UCH, AML, KZ, etc.

2004 JAN

NNC 21 08:43:11.3, 0.5, 37.53N-70.17E, mpv3.2, Error ellipse: s-maj=6.4km s-min=3.8km az=115.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like THN, TML, AML, etc.

CASC 21 09:35:02.5, 1.6, 10.20N-84.13W, MD3.8, MW4.2, 5C-3D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like YPS2, SJS, SJS, etc.

CASC 21 10:04:58.9, 1.6, 12.02N-88.10W, h38km, 99gkm, MD3.8, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CNCH, BLLM, LCB, etc.

HEL 21 10:15:25.0, 4.0, 61.12N-29.83E, ML1.7, ML2.4(NAO), Explosion

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

ISC 21 10:15:24.8, 1.7, 61.2N-0.1, 29.8E-0.2, n9, c085/14, Finland-Karelia border region

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

NEIC 21 10:20:40.1, 50.47N-177.76E, h1km, ML3.6(AEIC), After AEIC

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

GUC 21 11:04:46.4, 0.7, 35.70S-66.98W, h10km, MD4.2, ML4.5

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

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

BER 21 11:07:22.6, 3.0, 59.25N-27.22E, ML2.3(NAO), Suspected explosion

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

ISC 21 11:07:21.4, 0.7, 59.31N-0.03, 26.9E-0.1, n11, c111/120, Baltic States - Belarus - Northwest Russia

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

NEIC 21 11:13:14.6, 18.64N-67.66W, h94km, MD3.7(RSPR), After RSPR

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

RSPR 21 11:13:14.6, 18.64N-67.66W, h94km, 1km, M3.7, 13C-5D, Mona Passage

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

NEIC 21 11:22:50.4, 16.79N-94.42W, h125km, MD3.9(MEX), After MEX

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

BUI 21 12:24:04.9, 9.13S-159.85E, h24km, mb5.4, mb5.5, Ms4.8, Ms2.7

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



Mw=1.80±.20; Mw3.42±.30; Mw3.31±.14; Mw0.07±.24; Best double couple; Mw5.36x1016 NP1φ351°, δ15°, λ148°; NP2φ=106°, δ70°, λ54°; Principal axes: T:5.31, P1g51°, Azm334°; N:1.1, P1g34°, Azm121°; P:5.41, P1g17°, Azm222°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 21 12:24:03.1±0.2, 9.71S, 0.04±159.73E±0.05, h27km, h27km±1.0km; p-P, n239, 0.88/176, mb5.4/75, MS4.6/12, 11C-7D, Bougainville - Solomon Islands region

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

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

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KKR Karatay Array, YKWS Yellowknife Ar, and many others.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like EGRO Alcouthim, PALC Sao Teotonio, and MAN 21 12:34:09.6, 13.14N-120.38E, h1km, mb4.2, ML3.0, MS2.8, 3D, Mindoro.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like TWQ1 Luyutan, NSY Sanyi, and TIF 13:40:11.2, 43.24N-105.45E, h15km, Mpv3.8, 2D, Eastern Caucasus.

Table with columns: WFOG Pogromni, WFOG SSSLW Shishaldin Wes, WTUG Tugumak, etc. Includes station names, coordinates, and status indicators.

WEL 21 14:49:39.0, 4.38, 23.5S-176.00E, h139km, 5km, ML3.6/3, Error ellipse: s-maj=4.9km s-min=3.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Cannon Point, etc.

KRSC 21 15:42:07.8, 1.1, 54.55N-162.08E, h25km, 2km, ML4.1, MOS 21 15:42:08.7, 0.9, 54.55N-161.94E, h31km, mb4.2/1, Error ellipse: s-maj=27.0km s-min=13.9km az=77.0

ISC 21 15:42:07.7, 0.7, 54.53N, 0.02-162.16E, 0.06, h30km, 5km, n36, c087/65, 1C, Near east coast of Kamchatka Peninsula

Large table listing station data for Kamchatka Peninsula, including stations like MKZ Mys Kozlova, TUMR Tumrok, KMINR Kamenistaya, etc.

MEX 21 16:49:43.9, 1.0, 15.92N-97.16W, h16km, 26km, MD3.9, Near coast of Oaxaca

Table listing station data for Oaxaca, including stations like PNIG Pinotepa, OXX Oaxaca, etc.

NEIC 21 17:22:53.3, 38.99N-19.81E, h7km, MD3.6(ATH), After ATH

ATH 21 17:22:53.3, 38.99N-19.81E, h7km, 5km, MD3.6/6, ISC 21 17:22:51.3, 0.8, 38.99N, 0.04-19.64E, 0.06, h7km, n31, c015/40, mb3.4/1, 3C, Ionian Sea

Table listing station data for Ionian Sea, including stations like KEK Kerkira, IGT Igoumenitsa, etc.

Table listing station data for various locations, including BHV, AJM, BOM, POO, etc.

BER 21 16:22:07.7, 8.6, 78.09N-7.97E, ML2.4(NAO), NAO 21 16:22:06.6, 3.7, 78.09N-8.04E, ML2.4, Svalbard region

Table listing station data for Svalbard region, including stations like SPA0 Spitsbergen Ar, ARA0 ARCESS Array S, etc.

CASC 21 16:41:22.7, 2.9, 11.93N-88.09W, h16km, 10km, MD4.2, ML3.4, 10C-16D, Off coast of central America

Large table listing station data for Central America, including stations like PYN Penoloya, LEON Leon, CRIN San Cristobal, etc.

MEX 21 16:49:43.9, 1.0, 15.92N-97.16W, h16km, 26km, MD3.9, Near coast of Oaxaca

Table listing station data for Oaxaca, including stations like PNIG Pinotepa, OXX Oaxaca, etc.

NEIC 21 17:22:53.3, 38.99N-19.81E, h7km, MD3.6(ATH), After ATH

ATH 21 17:22:53.3, 38.99N-19.81E, h7km, 5km, MD3.6/6, ISC 21 17:22:51.3, 0.8, 38.99N, 0.04-19.64E, 0.06, h7km, n31, c015/40, mb3.4/1, 3C, Ionian Sea

Table listing station data for Ionian Sea, including stations like KEK Kerkira, IGT Igoumenitsa, etc.

Table listing station data for various locations, including TIR Tirane, LIT Litokhoron, QSH Qafa e Shtames, etc.

NNC 21 17:26:19.3, 0.4, 37.77N-71.46E, h233km, 3km, mpv3.6, Error ellipse: s-maj=5.0km s-min=2.6km az=39.0

ISC 21 17:26:15.0, 0.3, 37.5N, 0.2-71.4E, 0.2, h197km, 3km, n12, c062/14, 4C-1D, Afghanistan-Tajikistan border region

Table listing station data for Afghanistan-Tajikistan border region, including stations like AML Almayashu, UCH Uchtor, etc.

IDC 21 17:43:15.4, 4.2, 34.67N-13.14E, mb4.0/4, mb1.4/0.6, mb1mx3.9/13, ML3.9/1, MS3.4/1, ms1mx2.8/13, Error ellipse: s-maj=106.0km s-min=69.0km az=49.0

NEIC 21 17:43:24.7, 1.8, 34.97N-14.43E, h41km, 12km, Error ellipse: s-maj=20.6km s-min=10.0km az=199.0

THE 21 17:44:41.9, 38.63N-19.81E, h16km, ML3.5, ISC 21 17:43:26.6, 2.5, 35.2N, 0.2-14.2E, 0.09, h65km, 15km, n35, c1916/35, mb3.8/4, Central Mediterranean Sea

Large table listing station data for Central Mediterranean Sea, including stations like PZI Palazzolo, MEU Monte Lauro, FAVR Favara, etc.

SVSA 21 17:49:21.8, 1.9, 37.08N-23.36W, h5km, MD3.6, ML3.4, Error ellipse: s-maj=17.5km s-min=10.3km az=34.0, Azores Islands region

Table listing station data for Azores Islands region, including stations like PSMA Santa Maria, BART Pico Bartolome, etc.

21d 22h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SETA, SETA, SETA, Ginetes, Serra do Cume, PSCM, PSCM, RIB2, Ribeirinha, PVN, Vila Nova, PPAD, Pico dos Padre.

KRSC 21 17:57:21.6:3.0, 49.78N-156.14E, h49km, 45km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SKR, Severo-Kuril's, ALID, Alaid, ALID, Pauzhetka, PAU, Pauzhetka, MIPR, Malaya Ipe'l'ka, GRL, Gorelyy, GRL, AVH, Avacha.

MOS 21 19:40:07.8:1.8, 43.20N-45.63E, h15km, mb4.2/1, Error ellipse: s-maj=19.2km s-min=8.0km az=42.2

ISC 21 19:40:08.8:1.2, 43.47N-0.06:46.00E:0.07, h15km, n15, r169/27, 2C, Eastern Caucasus

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DLMR, Dylm, DLMR, DLMR, DBC, Dubki, DBL, Botlikh, BTLR, Botlikh, BTLR, BTLR, KRNR, Karanay, KRNR, KRNR, UNCR, Unukuli, UNCR, UNCR, BUJR, Buynask, BUJR, BUJR, ARKR, Arakani, ARKR, ARKR, MAK, Makhachkala, MAK, MAK, GNB, Gumb, GNB, GNB, KMKR, Kumukh, KMKR, KMKR, URKR, Urkarakh, URKR, URKR, TIZ, Plekhanov, TIZ, TIZ, AKT, Akhty, AKT, AKT, GOF, Gofitskoye, GOF, GOF, AB31, Akbulak array, AB31, AB31.

NNC 21 20:04:29.3:2.7, 37.30N-70.24E, mpv3.5, Error ellipse: s-maj=25.3km s-min=17.9km az=105.0

ISC 21 20:04:25.6:1.7, 36.8N-0.2:72.0E:0.3, h200km, n11, r0536/13, mb3.0/1, 4C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KK31, Karatay Array, KK31, DANN, Dangsing, KOLL, Koldanda, GKN, Gorkha, KKN, Kakani, DMN, Daman, PKI, Pulchoki, GUN, Gumba, JIRN, Jiri, AB31, Akbulak array, AB31, NB2, NORSAR Subarra.

MDD 21 20:16:32.2:3.7, 36.63N-7.69E, mb4.5/9, Error ellipse: s-maj=35.1km s-min=17.3km az=102.0, PRXIMO SOLUCION POBRE, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CAEH, Ain El Ouahch, CASN, Ain Smara, ETOS, Mallorca, ETOS, ETO5, ETO5, EIBI, Ibiza, EIBI, EIBI, EMOS, Beniard, EMOS, Mosqueruela, EMOS, EMOS, ETOB, Tobarra, ESAC, San Caprasio, EBER, Berja, EQES, Qesada, ESDC, Sonseca Array.

2004 JAN

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ESLS, Sonseca Array, ECRI, Cripian, ECAL, Galator, ECAL.

NEIC 21 20:36:53.0:1.8, 14.44N-89.99W, h272km, 30km, mb3.9/7, Error ellipse: s-maj=40.8km s-min=11.2km az=70.0

CASC 21 20:36:52.1:1.6, 14.27N-89.98W, h262km, 6km, MD4.2, mb3.9(NEIC)

IDC 21 20:36:57.9:10.0, 14.44N-90.30W, h341km, 129km, mb3.9/6, mb1.3/7.6, mb1.3/7.6, mb1.3/7.6, mb1.3/7.6, Error ellipse: s-maj=105.0km s-min=16.1km az=75.0

ISC 21 20:36:51.8:0.4, 14.58N-0.09:89.96W:0.08, h262km, 4km, n53, r1500/64, mb3.8/1, 16C-11G, Guatemala

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RBDL, Robledal, MTOZ, Montecristo 2, IXG, Ixpaco, PCG, Pacaya, PCG, El Retiro, RTR, Terranova, TER, SNJE, San Jose, SNJE, BOQS, Boqueron, BOQS, La Fuente, LBRF, Las Brisas, LFRS, El Faro, SNBS, San Vicente, JAT, Jato, CAHU, Cacacuatique, VSM, San Miguel, BLM, Bellamira, CNCH, Conchagua, PYN, Poneleya, TELN, Telica, TEL3, Leon, MOM, Momotombo, COPN, Copaltepe, APYN, Apoyeque, MGAN, Managua, CRUN, El Crucero, COFN, Cofrada, CMIG, Matias Romero, CRZC, La Cruz, VCR, Vista de Mar, JCR, Jicaral, OXX, Oaxaca, VPS2, Volcan Poas 2, PRS1, Puriscal, PRS1, Tortuguero, LCR2, La Lucha 2, URSC, Urasca, BUS, Buena Vista, OTAV, Otavalo, OXF, Oxford, MIAR, Mount Ida, SADO, Sadowa, ULM, La Cruz Bonnet, LPAZ, La Paz, LPAZ, La Paz, SCHO, Schomburgk, FCC, Fort Churchill, CPUP, Villa Florida, CPUP, Villa Florida, RES, Resolute Bay, ESDC, Sonseca Array.

CASC 21 21:01:22.5:2.0, 12.61N-87.90W, h44km, 56km, MD4.0, ML4.1, 14C-17D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CNCH, Conchagua, CNCH, CRIN, San Cristobal, CRIN, Poneleya, PYN, BLM, Bellamira, BLM, VSM, San Miguel, LEON, Leon, LEON, TEL3, Telica 3, TEL3, TELN, Telica, MIRN, Miramar, CNGN, Cerro Negro, CAHU, Cacacuatique, CAHU, MOM, Momotombo, COPN, Copaltepe, SNVI, San Vicente, SNVI, SNVI, LCBS, La Ceiba, LFRS, El Faro, APYN, Apoyeque, LBRF, Las Brisas, XAVN, Gruta Xavier, LFU, La Fuente, MGAN, Managua, PICC, Picacho, BOQS, Boqueron, BOQS, PYTN, Playitas, COFN, Cofrada, APON, Apoyo, SNBS, San Blas, SBLJ, San Jose, RTR, El Retiro, MTOZ, Montecristo 2, RBDL, Robledal, CONN, Concepcion, MADN, Maderas, CRZC, La Cruz, JCR, Jicaral, CGA2, Cerro Gallo 2, PRS1, Puriscal, LCR2, La Lucha 2, BUS, Buena Vista, BUS.

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Table with columns: ACR, Cerro Adams, 6.09 130 eP, P, 21 02 52.6 +0.4

CASC 21 21:08:02.6:1.3, 13.87N-91.33W, h66km, 26km, MD3.7, 6C-6D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JAT, Jato, FUG, Fuego 3, TER, Terranova, PCG, Pacaya, IXG, Ixpaco, RBDL, Robledal, RTR, El Retiro, RTR, San Blas, SBLJ, San Jose, SBLJ, MTOZ, Montecristo 2, BOQS, Boqueron, BOQS, La Fuente, LFRF, El Faro, LFRF, LCBS, La Ceiba, LCBS, SNVI, San Vicente.

DJA 21 21:24:55.6:0.8, 8.46S-113.26E, h160km, MD4.8/3, 7C, Error ellipse: s-maj=44.4km s-min=20.1km az=11.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KELI, Kelakatan, INGI, Ingas, RATI, Rata, KEDI, Kedondong, KEDI.

MOS 21 22:21:34.7:2.2, 36.10N-70.84E, h33km, mb4.7/2, Error ellipse: s-maj=25.1km s-min=10.1km az=88.3

NNC 21 22:21:50.8:5.4, 36.88N-70.97E, h174km, 49km, mpv5.0, Error ellipse: s-maj=50.4km s-min=42.0km az=26.0

ISC 21 22:21:43.0:0.5, 36.30N-0.03:71.13E:0.06, h128km, 6km, n62, r1317/6, mb4.1/2, 8C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CEP, Cherat, CHCP, Chirah Chowk, CHCP, THW, Thamme Wali, SBDD, Sheikh Budin, DRP, Sardogha, JMU, Jammu, JMU, Thein Dam, THN, Almayashu, UCH, Uchtor, BHK, Bhakra, KZA, Kyzart, EKS2, Erkin-Say, KK31, Karatay Array, KKAR, Karatay Array, AAK, Ala-Archa, KBK, Karagaybulak, ULHL, Ulahol, CHMS, Chumysh, USP, Osenovka, TKM2, Tokmak 2, JOSI, Joshimath, JOSI, NDI, New Delhi, NDI, AYA, Aya Nagar, KUDL, Kundal, JASL, Jaisalmer, PTH, Pithoragarh, AJM, Ajmer, AGRA, Agra, BHJ, Bhuj, DANN, Dangsing, MK31, Makanchi Array, MKAR, Makanchi Array, KOLL, Koldanda, BHPL, Bhopal, GKN, Gorkha, DMN, Daman, KKN, Kakani, PKI, Pulchoki, AB31, Akbulak array, AB31.

CASC 21 21:01:22.5:2.0, 12.61N-87.90W, h44km, 56km, MD4.0, ML4.1, 14C-17D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CNCH, Conchagua, CNCH, CRIN, San Cristobal, CRIN, Poneleya, PYN, BLM, Bellamira, BLM, VSM, San Miguel, LEON, Leon, LEON, TEL3, Telica 3, TEL3, TELN, Telica, MIRN, Miramar, CNGN, Cerro Negro, CAHU, Cacacuatique, CAHU, MOM, Momotombo, COPN, Copaltepe, SNVI, San Vicente, SNVI, SNVI, LCBS, La Ceiba, LFRS, El Faro, APYN, Apoyeque, LBRF, Las Brisas, XAVN, Gruta Xavier, LFU, La Fuente, MGAN, Managua, PICC, Picacho, BOQS, Boqueron, BOQS, PYTN, Playitas, COFN, Cofrada, APON, Apoyo, SNBS, San Blas, SBLJ, San Jose, RTR, El Retiro, MTOZ, Montecristo 2, RBDL, Robledal, CONN, Concepcion, MADN, Maderas, CRZC, La Cruz, JCR, Jicaral, CGA2, Cerro Gallo 2, PRS1, Puriscal, LCR2, La Lucha 2, BUS, Buena Vista, BUS.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Kurchatov, ZRNK, BRVK, KAD, HYB, NVS, KGD, SHL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Pico Bartolome, Miradouro, Furnas, Congro, Vila Franca, Monte Escuro, Coroa da Mata, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like KEDONG, FITZ, KAKA, WB2, ASPA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like BJO, SPAO, KBS, ARAO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Sete Cidades, Serra do Cume, Vila Nova, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like CAPV, SOCV, ELOV, VIRV, etc.

NAO 21 23:18.48.2.1.9. 76.56N.26.59E.ML2.3

BER 21 23:18.53.9.3.9. 76.51N.25.44E.h19km.52km.MD2.2, ML2.3(NAO)

ISC 21 23:18.50.2.1.9. 76.48N.0.08.25.5E.0.7.h10km.n4, o137f/6, Barents Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like MGZ, KAVZ, OIZ, NGZ, CNZ, WAZ, etc.

SVSA 21 23:52.09.1.0.5. 37.77N.25.46W.h3km.2km.ML0.8

Error ellipse: s-maj=2.5km s-min=1.9km az=131.0, Azores Islands

Code Station Name Azimuth Azimuth Error Phase ID Time Residual

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like LFA, MESC, PMAT, PRCH, CML, etc.

NEIC 22 02:33.36.1. 16.78N.100.16W.h5km.MD4.1(MEX), After MEX.

MEX 22 02:33.35.8.0.6. 16.76N.100.17W.h3km.5km.MD4.1.1D, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like ACX, CAIG, PLIG, etc.

MOS 22 02:38.50.7.2.0. 53.25N.162.97E.h52km.mb4.6/1, Error ellipse: s-maj=19.8km s-min=11.5km az=99.6

KRSC 22 02:38.50.4.1.5. 53.21N.163.10E.h58km.26km.ML4.8

ISC 22 02:38.50.1.0.7. 53.20N.0.03.163.14E.0.06.h58km.n43, o59Nf/8, mb4.3/2, 1C, Off east coast of Kamchatka

Code Station Name Azimuth Azimuth Error Phase ID Time Residual

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like MKZ, SPN, KII, etc.

NMC 22 00:16.12.2.3.7. 49.69N.88.22E.h30km.24km.mpv3.8

MOS 22 00:16.17.9.2.9. 49.81N.87.70E.h15km.mb4.4/1, Error ellipse: s-maj=25.9km s-min=14.3km az=94.4

ISC 22 00:16.14.0.1.6. 49.59N.0.06.87.8E.0.2.h15km.n15, o131f/22, 8C-3D, Kazakhsan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like AKAR, ARTR, UKR, TASS, etc.



Table of astronomical observations for January 2020, including stations like GD2, ENH, ENH, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for January 2020, including stations like AKAR, ARTR, UKR, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for January 2020, including stations like ETOS, ETOB, ETOB, etc., with columns for station name, time, and other parameters.

MOS 22 05:36:09.7, 1.3, 51.22N-179.29E, h46km, mb4.4/15, Error ellipse: s-maj=15.1km s-min=10.4km az=103.7, NEIC 22 05:36:12.1, 1.0, 51.29N-179.33E, h49km, mb4.3/17, Error ellipse: s-maj=15.6km s-min=5.4km az=186.0, IDC 22 05:36:16.3, 8.6, 51.51N-179.49E, h80km, mb3.9/12, mb1 4.0/12, mb1mx3.9/16, MS3.6/1, Ms1 3.6/1, ms1mx2.9/15, Error ellipse: s-maj=33.8km s-min=16.9km az=8-0

ISC 22 05:36:11.3, 1.1, 51.5N, 0.1x179.35E, 0.06, h52km, 9m, n70, c093/73, mb4.4/35, MS3.5/1, Rat Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ADK Adak, SMY Shemya, NIKO Nikolski, BILL Bilibino, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ETOS Mallorca, EIBI Ibiza, EBEN Beniarda, EMOS Mosqueruela, etc.

NEIC 22 05:59:59.0, 4.0, 50.41N-18.83E, h5km, ML3.3(BRG), ML2.9(VIE), Error ellipse: s-maj=5.7km s-min=4.6km az=181.0

WAR 22 06:00:00.2, 5.0, 25N-18.88E, ML3.0, Mining Induced PRU 22 06:00:00.8, 5.0, 23N-18.83E

IDC 22 06:00:03.5, 2.7, 50.36N-18.58E, h15km, 18km, mb1 3.6/7, mb1mx3.5/16, ML3.1/6, Error ellipse: s-maj=28.6km s-min=9.6km az=125.0

BGR 22 06:00:07.0, 1.2, 50.26N-18.56E, h1km, ML3.3/6, Error ellipse: s-maj=14.5km s-min=12.2km az=167.0

ISC 22 05:59:57.0, 4.0, 50.41N-0.03, 18.77E, 0.02, n47, c151/90, 3C-1D, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAC Raciborz, RAC Raciborz, RAC Raciborz, etc.

Error ellipse: s-maj=2.3km s-min=1.5km az=82.8, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CUPA Cupa, JORI Sotacachi, COTA COTA, etc.

NEIC 22 06:37:31.1, 43.08N-0.86W, h5km, ML2.3(STR), ML2.0(LDG), MN1.7(MDD), After STR

MDD 22 06:37:31.8, 0.3, 43.09N-0.88W, h6km, 4km, mbLg1.6/8, Error ellipse: s-maj=3.2km s-min=1.4km az=17.0, PRXIMO STR 22 06:37:31.1, 0.1, 43.08N-0.86W, h5km, 1km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 22 06:37:31.2, 0.1, 43.02N-0.92W, h8km, Md2.1/2, ML2.0/1, Error ellipse: s-maj=4.9km s-min=1.0km az=17.0

ISC 22 06:37:30.9, 0.4, 43.08N-0.04, 0.88W, 0.03, h11km, 3km, n24, c092/38, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LARF Larrau, LARF Larrau, LARF Larrau, etc.

NIED 22 06:43:00.42, 90N, 144.90E, h44km, Mw3.8 Best double couple: M6.37x1014 NP1.9x28°, δ56°, 180°. NP2.9x226°, δ35°, 1104°

JMA 22 06:43:09.1, 0.1, 42.88N-144.93E, h50km, 1km, M3.9 JMA Felt J1

ISC 22 06:43:08.3, 1.3, 42.86N-0.07, 144.95E, 0.07, h52km, 11km, n8, c084/11, 1C-5D, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAK Akkeshi, JAK Akkeshi, JAK Akkeshi, etc.

TAP 22 07:07:54.8, 24.79N-122.28E, h55km, 3km JMA 22 07:07:59.1, 24.40N-122.22E, h28km, ML3.1

ISC 22 07:07:55.0, 3.4, 24.8N-0.5, 122.3E, 0.3, h55km, n3, c014/6, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

MAN 22 07:20:06.8, 10.90N-122.38E, h3km, mb5.1, ML4.0, MS4.2 MAN F IMAQ-AG ILO ILO CITY III

MDD 22 05:45:20.4, 5.1, 36.79N-8.15E, mb4.3/7, Error ellipse: s-maj=74.0km s-min=44.9km az=44.0, PRXIMO

IGQ 22 06:30:05.1, 0.51N-79.11W, h17km, 2km, mb4.0, 3C-10D,



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUIM Jordan, AUP Anini-y, RCP Roxas, KALP Kalibo, etc.

NEIC 22 07:29:21.3, 16.69N-98.37W, h48km, mb3.6/6, MD4.4(MEX), After MEX.

MEX 22 07:29:21.3, 16.72N-98.37W, h44km, 29km, MD4.4

ISC 22 07:29:21.3, 16.165N-0.0598, 34W-0.03, h5km, 27km, n30, c120/42, mb3.7/3.1D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINI Pinotepa, ACX Acapulco, VHO Vista Hermosa, etc.

CASC 22 08:11:12.6, 13.117N-87.29W, h55km, 22km, MD3.7, ML3.2, 7C-8D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYN Penolaya, LEON Leon, COPN Copaltepe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOQS San Blas, CPUP Villa Florida, CPUP La Paz, etc.

ISC 22 09:08:49.7, 6.5, 42.01Sx70.94W, mb3.7/3, mb1 4.0/4, mb1 mx3.9/10, ML3.9/1, MS3.3/1, Ms1 3.3/1, ms1mx3.1/9, Error ellipse: s-maj=168.0km s-min=53.9km az=150.0

ISC 22 09:08:48.7, 5.1, 42.25, 0.8, 70.6W, 0.6, h10km, n, c0872/4, mb3.6/3, Southern Argentina

ISC 22 09:56:17.1, 1.3, 22.56N-143.62E, h144km, 6km, mb3.9/8, mb1 4.2/9, mb1mx4.1/14, Error ellipse: s-maj=30.2km s-min=17.3km az=47.0

ISC 22 09:56:13.5, 2.8, 22.3N, 0.1, 143.4E, 0.2, h134km, 23km, h142km, 1.5km, p-P, n12, c122/12, mb4.1/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, MAT Matsuhiro, WB2 Warramunga Arr, etc.

CASC 22 10:09:13.1, 1.1, 4.1175N-88.41W, h36km, 99km, MD4.0, 5D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VSM San Miguel, VSM Bellamira, SNVI San Vicente, etc.

MOS 22 10:14:55.0, 3.7, 51.20N-98.50E, h15km, mb4.2/1, 1C-1D, Error ellipse: s-maj=22.8km s-min=13.6km az=46.0, Near-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORL Orilik, MOY Mondy, ARS Arshan, etc.

ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLY Talaya, IRK Irkutsk, LSTR Listyanka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULN Ulanbaatar, AKAR Aktash, NIZ Nizh Angarsk, etc.

MAN 22 10:20:22.2, 12.06N-123.99E, h21km, mb3.8, ML2.6, MS2.1, 2D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNP Catarman, OCLP Ormoc, PLP Palo, etc.

NEIC 22 10:58:02.1, 3.6, 21.41Sx178.13W, h394km, 36km, mb4.3/1, Error ellipse: s-maj=19.3km s-min=14.2km az=209.0

ISC 22 10:58:03.0, 5.9, 21.52Sx178.08W, h404km, 61km, mb3.3/5, mb1 3.6/6, mb1 mx3.6/6, Error ellipse: s-maj=57.7km s-min=14.1km az=128.0

ISC 22 10:57:55.0, 3.2, 21.34S, 0.08, 178.1W, 0.1, h330km, 32km, n36, c076/25, mb3.9/1.4, D, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Charters Tower, BFZ Birch Farm, etc.

TAU Tasmania Univ, ASPA Alice Springs, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA Kakadu, SBA Scott Base, VNSA Vanda, etc.

MAR Marble Bar, NWAO Narrogin (SRO), QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENH Enshi, SNAJ Sanaa, TXAR Tannan Creek, etc.

NEIC 22 11:02:50.4, 19.94N-64.57W, h25km, MD3.6(RSPR), After RSPR

RSPR 22 11:02:50.4, 19.94N-64.57W, h25km, 31km, M3.6, 6C-4D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBYP Canovanas, MTP Monte Pirata, HUMP Col San Antoni, etc.

BER 22 11:08:05.7, 17.0, 59.26N-28.87E, ML2.3(NAO), Suspected explosion

HEL 22 11:08:07.9, 0.3, 59.40N-28.65E, ML2.3(NAO), Explosion

NAO 22 11:08:07.2, 3.1, 59.36N-28.57E, ML2.3

FIAO 22 11:08:08.1, 59.34N-28.39E, ML1.8, Explosion

ISC 22 11:08:08.3, 2.7, 59.8N, 0.2, 28.2E, 0.2, n8, c026/15, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIAO FINESS Array S, FIAO Khabarovsk, FIAO Khabarovsk, etc.



Table of flight data for the left column, including origin (e.g., SNY, LZH), destination (e.g., Lanzhou), time (e.g., 11 40 51.3), and aircraft type (e.g., S, LR, pP).

Table of flight data for the middle column, including origin (e.g., NDI, PET), destination (e.g., New Delhi, Petropavlovsk), time (e.g., 11 42 51.0), and aircraft type (e.g., eP, pP, iP).

Table of flight data for the right column, including origin (e.g., SVE, ARU), destination (e.g., Aarti, Sand Point), time (e.g., 11 43 51.0), and aircraft type (e.g., pmax, pmax, eP).

Table listing station names, codes, times, and residuals for various stations including NVAR, PDAR, YKA, and others.

NAO 22 12:15:40.9, 3.1, 59.37N-28.11E, ML2.1
HEL 22 12:15:41.0, 0.3, 59.34N-28.31E, ML2.1(NAO), Explosion
BER 22 12:15:45.3, 2.5, 59.39N-27.58E, ML2.1(NAO), Suspected explosion

ISC 22 12:15:41.6, 1.3, 59.34N, 0.04, 27.9E, 0.2, n11, s107/17, Baltic States - Belarus - Northwestern Russia

Table listing station names, codes, times, and residuals for stations in the Baltic States region.

ISC 22 12:23:06.2, 2.6, 2.13N, 101.45W, mb3.77, mb1.4/17, mb1mx4.0/12, MS3.7/1, Ms1 3.7/2, ms1mx3.3/12, Error ellipse: s-maj=120.0km s-min=27.9km az=59.0

ISC 22 12:23:06.4, 2.3, 2.2N, 0.4, 101.3W, 0.6, h10km, n8, s147/7, mb3.6/7, MS3.7/2, Galapagos Triple Junction region

Table listing station names, codes, times, and residuals for stations in the Galapagos Triple Junction region.

RSRP 22 12:22:44.8, 18.42N, 70.08W, h25km, 31km, M3.7, 10C-1D, Dominican Republic region

Table listing station names, codes, times, and residuals for stations in the Dominican Republic region.

ISC 22 12:30:04.0, 4.9, 1.4N, 140.7E, 96.5W, 0.5, h10km, n8, s054/8, mb3.6/8, MS3.8/1, West of Galapagos Islands

Table listing station names, codes, times, and residuals for stations in the West of Galapagos Islands region.

Table listing station names, codes, times, and residuals for stations including PDAR, ULM, YKA, FRB, INK, and ILAR.

KRSC 22 12:34:18.4, 0.8, 50.32N, 156.71E, h32km, 10km, ML3.8, Kuril Islands

Table listing station names, codes, times, and residuals for stations in the Kuril Islands region.

IDC 22 12:41:23.6, 6.1, 6.63S, 129.51E, h53km, 67km, mb4.3/3, mb1.4/3, mb1mx4.1/6, Error ellipse: s-maj=118.0km s-min=24.8km az=78.0

MOS 22 12:41:31.0, 1.2, 7.23S, 128.49E, h141km, mb4.5/8, Error ellipse: s-maj=39.9km s-min=10.3km az=117.5

BUJ 22 12:41:32.3, 2.7, 26S, 128.87E, h162km, mb5.1, mb4.9
NEIC 22 12:41:33.8, 1.7, 7.14S, 128.80E, h150km, 19km, mb4.7/18, Error ellipse: s-maj=13.6km s-min=10.5km az=63.0

ISC 22 12:41:32.4, 1.3, 7.14S, 0.06, 128.86E, 0.08, h153km, 14km, h143km, 2.6km, pP, n7, n18, s09/93, mb4.7/38, 2C-3D, Banda Sea

Table listing station names, codes, times, and residuals for stations in the Banda Sea region.

ISC 22 13:08:49.5, 6.2, 1.6N, 0.8, 96.0W, 0.8, h10km, n7, s06/66, mb3.8/6, MS3.3/1, Galapagos Islands region

Table listing station names, codes, times, and residuals for stations in the Galapagos Islands region.

ISC 22 13:23:54.1, 3.8, 2.58N, 94.92W, mb3.5/5, mb1.3/9.5, mb1mx3.7/13, MS3.5/1, Ms1 3.4/1, ms1mx3.3/10, Error ellipse: s-maj=248.0km s-min=25.6km az=57.0, Galapagos Islands region

Table listing station names, codes, times, and residuals for stations in the Galapagos Islands region.

Table listing station names, codes, times, and residuals for stations including KSH, MKAR, and others.

ISC 22 13:07:28.2, 1.8, 1.71N, 96.98W, mb4.0/7, mb1.4/3/7, mb1mx4.2/10, MS3.6/4, Ms1 3.7/4, ms1mx3.5/11, Error ellipse: s-maj=68.6km s-min=19.8km az=47.0

NEIC 22 13:27:29.0, 0.9, 1.63N, 96.92W, h10km, mb4.0/9, Error ellipse: s-maj=27.8km s-min=8.0km az=224.0

ISC 22 13:27:28.2, 1.3, 1.7N, 0.2, 96.9W, 0.2, h10km, n18, s089/18, mb3.9/14, MS3.6/4, West of Galapagos Islands

Table listing station names, codes, times, and residuals for stations in the West of Galapagos Islands region.

ISC 22 13:28:05.0, 7.6, 4.1, 6.22N, 96.21W, mb3.9/6, mb1.4/3/6, mb1mx4.1/13, MS3.4/1, Ms1 3.5/1, ms1mx3.1/10, Error ellipse: s-maj=136.0km s-min=125.6km az=90.0

ISC 22 13:28:05.0, 7.6, 4.1, 6.22N, 96.21W, mb3.9/6, mb1.4/3/6, mb1mx4.1/13, MS3.4/1, Ms1 3.5/1, ms1mx3.1/10, Error ellipse: s-maj=136.0km s-min=125.6km az=90.0

Table listing station names, codes, times, and residuals for stations in the West of Galapagos Islands region.

ISC 22 13:37:28.2, 1.8, 1.71N, 96.98W, mb4.0/7, mb1.4/3/7, mb1mx4.2/10, MS3.6/4, Ms1 3.7/4, ms1mx3.5/11, Error ellipse: s-maj=68.6km s-min=19.8km az=47.0

NEIC 22 13:37:29.0, 0.9, 1.63N, 96.92W, h10km, mb4.0/9, Error ellipse: s-maj=27.8km s-min=8.0km az=224.0

ISC 22 13:37:28.2, 1.3, 1.7N, 0.2, 96.9W, 0.2, h10km, n18, s089/18, mb3.9/14, MS3.6/4, West of Galapagos Islands

Table listing station names, codes, times, and residuals for stations in the West of Galapagos Islands region.

ISC 22 13:37:28.2, 1.8, 1.71N, 96.98W, mb4.0/7, mb1.4/3/7, mb1mx4.2/10, MS3.6/4, Ms1 3.7/4, ms1mx3.5/11, Error ellipse: s-maj=68.6km s-min=19.8km az=47.0

NEIC 22 13:37:29.0, 0.9, 1.63N, 96.92W, h10km, mb4.0/9, Error ellipse: s-maj=27.8km s-min=8.0km az=224.0

ISC 22 13:37:28.2, 1.3, 1.7N, 0.2, 96.9W, 0.2, h10km, n18, s089/18, mb3.9/14, MS3.6/4, West of Galapagos Islands

Table listing station names, codes, times, and residuals for stations in the West of Galapagos Islands region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LPAZ, ANMO, SDCO, MVU, DUG, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PMG, TOO, WKA, STAU, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MOD, TPH, LSA, PALK, GNW, etc.

NEIC 22:13:53:44.8, 16.91N; 100.23W, h6km, MD3.7(MEX), After MEX.

MEX 22:13:53:45.0-0.7, 16.93N; 100.22W, h10km, 4km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CAIG, ACX, PLIG, etc.

MDD 22:14:22:27.0-0.5, 37.94N; 7.35W, h11km, 1km, mbLg1.8/7, Error ellipse: s-maj=4.2km s-min=3.1km az=164.0, PRXIMO

INMG 22:14:22:27.1-0.9, 37.94N; 7.33W, h15km, 5km, ML1.7, Error ellipse: s-maj=2.0km s-min=1.8km az=18.0

ISC 22:14:22:26.7-1.1, 37.91N; 0.09-7.3W, 0.1, h11km, 20km, n11, 0564/2, 2D, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like EGRO, PALC, PALC, etc.

IDC 22:15:06:42.0-0.7, 22.15S; 169.53E, mb4.7/6, mb1 4.9/7, mb1mx4.9/9, ML3.9/1, MS4.2/3, Ms1 4.2/3, ms1mx4.0/3.9, Error ellipse: s-maj=32.9km s-min=26.5km az=125.0

NEIC 22:15:06:43.0-0.2, 22.17S; 169.55E, h10km, mb5.2/3, MS4.6/27, Error ellipse: s-maj=7.3km s-min=5.9km az=148.0

HRVD 22:15:06:43.6-1.0, 22.29S; 169.32E, h33km, 3km, MW4.9/25, Centroid moment Tensor Solution, LP body waves: s10; C13; Mantle waves: s25; c34; Half duration: 0. Moment tensor: Scale 10^19Nm; Mrr: -1.55; 54; Mtheta: 0.29; 37; Mphi: 1.84; 36; Mxx: -0.94; 51; Myy: -2.26; 23; Mzz: 0.85; 36; Best double couple: M2.84 x 10^16 Np1; phi: 6; delta: -lambda; 30; NP2; phi: 118; delta: 69; lambda: 132; Principal axes: T.3.56, P1g13, Azm237; N-1.44, P1g39, Azm136; P-2.12, P1g48, Azm342; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 22:15:06:45.2, 21.47S; 169.36E, h10km, mb5.3, mb5.1, Ms4.9

MOS 22:15:06:45.2-1.1, 22.27S; 169.63E, h33km, mb5.3/13, Error ellipse: s-maj=16.9km s-min=14.8km az=143.9

ISC 22:15:06:44.5-2.5, 22.24S; 0.05-169.47E, 0.05, h26km, 17km, h21km, 5.2km; p-P, n159, 0.099/96, mb5.0/46, MS4.5/31, 9C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NWAO, NWAO, NWAO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WUAZ, DAWY, TXAR, etc.





Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TACH Talagante, PCH Pirque, LNV Longovillo, etc.

MOS 22:02:30.2, 1.7, 3.16N, 128.18E, h33km, mb5.1/14, Error ellipse: s-maj=21.6km s-min=9.5km az=105.0

Code Station Name Az AZZ Phase ID Op Pn h m s Res ISC

Main table of station data for the left column, including stations like General Santos, Kakadu, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HYB Hyderabad, HYB Hyderabad, ZAK Zakamensk, etc.

YAK YAK comp=Z,20nm,0.9s,mb5.2 pmax pmax

Code Station Name Az AZZ Phase ID Op Pn h m s Res ISC

Main table of station data for the middle column, including stations like MA2 Magadan, MA2 Magadan, MKAR Makanchi Array, etc.

IDD 22:19:25.8, 1.4, 2.9, 41N, 51.26E, mb4.3/16, mb1 4.4/18, mb1mx4.4/20, ML4.3/2, MS3.6/7, Ms1 3.6/7, ms1mx3.5/14, Error ellipse: s-maj=35.0km s-min=19.3km az=0.0

Code Station Name Az AZZ Phase ID Op Pn h m s Res ISC

Main table of station data for the right column, including stations like AI-Qurain, Umm Al-Rimman, Kabd, etc.



Table of astronomical observations for station 471, listing various objects like BVAR, ARU, OBN, etc., with their coordinates and observation details.

Main table of astronomical observations for 2004 JAN, listing objects like KAF, DAVA, PCP, etc., with their coordinates and observation details.

Table of astronomical observations for 22d 22h, listing objects like DAWY, FCC, KAKA, etc., with their coordinates and observation details.

Table of astronomical observations for 22d 22h, listing objects like ELZG, BINT, BINT, etc., with their coordinates and observation details.

NEIC 22 22:11:55.1, 41.51N-2.23W, h11km, ML2.1(LDG), M2.1(MDD), After MDD. MDD 22 22:11:55.2, 0.6, 41.51N-2.20W, h11km, mbLg1.8/10, Error ellipse: s-maj=4.8km s-min=3.6km az=88.0, PRXIMO LDG 22 22:12:00.0, 0.3, 41.78N-1.89W, h2km, M2.1/3, Error ellipse: s-maj=9.1km s-min=5.6km az=129.0

Table of astronomical observations for 22d 22h, listing objects like ETOR, ECRI, ECRI, etc., with their coordinates and observation details.

NIED 22 22:27:00, 24.00N-123.60E, h23km, Mw4.0 Best double couple: M1, 02x1015 NP130.53, 870, 1.81. NP230.257, 822, 1.13. JMA 22 22:27:18.1, 0.2, 23.97N-123.58E, h33km, M3.5 ISC 22 22:27:18.0, 0.2, 23.9N-0.2, 123.58E, 0.06, h27km, km3, n5, <059/10, Southwestern Ryukyu Islands

Table with columns: JTJ, Tarama, 1.24 56 P, Pn, 22 27 39.4 -0.4, S, Sn, 22 27 56.7 +1.0

NEIC 22 23:12:26.6:1.8, 51.47N:16.07E, h5km, Error ellipse: s-maj=18.2km s-min=6.4km az=202.0

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

BNS 22 23:26:04.0:1.1, 51.58N:6.91E, h1km, ML2.1, LDG 22 23:26:04.6:0.2, 51.55N:6.85E, h1km, M2.6/8, Error ellipse: s-maj=3.5km s-min=2.2km az=41.0, Suspected Mining induced.

NEIC 22 23:26:05.4:3.4, 51.46N:6.65E, h5km, ML2.6(LDG), Error ellipse: s-maj=38.5km s-min=11.2km az=218.0

BGR 22 23:26:05.0:0.3, 51.54N:6.96E, h1km, ML2.2/5, Error ellipse: s-maj=3.3km s-min=2.2km az=88.0

ISC 22 23:26:02.0:0.3, 51.49N:0.02:6.77E:0.04, n36, t139/65, Germany

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

IDC 22 23:30:33.0:1.3, 34.81N:25.25E, mb4.0/7, mb1.4/0/12, mb1mx3.9/18, ML3.8/5, Error ellipse: s-maj=28.8km s-min=10.1km az=46.0

NEIC 22 23:30:37.2, 34.94N:24.82E, h5km, MD3.7(ATH), After ATH.

ATH 22 23:30:37.2, 34.94N:24.82E, h5km, MD3.7/7

ISC 22 23:30:31.8:0.6, 34.57N:0.05:25.26E:0.06, h5km, n23, t1544/27, mb3.9/7, Crete

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

Table with columns: KRIS, Kristallenia, 0.64 18 ePg, Pg, 23 30 46.7 +2.0, KRIS, 23 30 53.0 -0.3, Sg, 23 30 44.1 -3.3, Sg, 23 30 51.8, Sg, 23 30 51.8

ISC 22 23:45:47.3:0.7, 38.12N:0.03:28.86E:0.05, h10km, n7, t0546/10, Turkey

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

NIED 22 23:59:00, 32.20N:128.70E, h11km, Mw4.0, Best double couple: M1.18x10^15 NP1:phi205°, 889°, lambda-5°. NP2:phi27°, 885°, lambda-179°.

JMA 22 23:59:32.9:0.1, 32.20N:128.71E, h17km, Mw4.2, M4.2

JMA Felt J1, ISC 22 23:59:32.5:2.0, 32.20N:0.08:128.7E:0.1, h21km, Mw4.1, n7, t0816/10, 3C-3D, Kyushu

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

NIED 23 00:00:00, 32.20N:128.70E, h8km, Mw4.0, Best double couple: M1.10x10^15 NP1:phi205°, 885°, lambda-149°. NP2:phi112°, 859°, lambda-6°.

JMA 23 00:00:45.3, 32.21N:128.72E, h15km, Mw4.1, M4.1

JMA Felt J1, ISC 23 00:00:44.5:2.0, 32.20N:0.08:128.7E:0.1, h21km, Mw4.1, n5, t0832/9, 1C, Kyushu

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

NEIC 23 00:12:39.4, 42.63N:0.83E, h5km, ML2.3(STR), ML2.1(LDG), MVI.1(MDD), After STR.

RETR 23 00:12:39.8:0.2, 42.62N:0.84E, h10km, mblg1.7/12, MDD 23 00:12:39.8:0.2, 42.62N:0.84E, h10km, mblg1.7/12, Error ellipse: s-maj=2.3km s-min=1.6km az=42.0, PRXIMO

STR 23 00:12:39.4:0.4, 42.63N:0.83E, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 23 00:12:39.2:0.1, 42.60N:0.82E, h14km, M2.1/5, Error ellipse: s-maj=1.0km s-min=0.6km az=16.0

ISC 23 00:12:38.2:0.3, 42.62N:0.02:0.84E:0.02, h14km, Mw4.3, n7, t102/54, Pyrenees

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

ISC 23 00:33.0:1.3, 34.81N:25.25E, mb4.0/7, mb1.4/0/12, mb1mx3.9/18, ML3.8/5, Error ellipse: s-maj=28.8km s-min=10.1km az=46.0

NEIC 22 23:30:37.2, 34.94N:24.82E, h5km, MD3.7(ATH), After ATH.

ATH 22 23:30:37.2, 34.94N:24.82E, h5km, MD3.7/7

ISC 22 23:30:31.8:0.6, 34.57N:0.05:25.26E:0.06, h5km, n23, t1544/27, mb3.9/7, Crete

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

Table with columns: CARF, Carcanieres, 0.95 84 S, Sb, 00 13 08.8 +0.8, CBRU, Brugera, 1.05 108 P, Pg, 00 12 59.0 -0.3, ETSF, Etsaut, 1.07 286 ePg, Pg, 00 12 59.2 -0.5, ETSF, 00 13 13.4 -0.6, Sg, 00 13 13.4 -0.6

NEIC 20 00:17:20.8, 42.61N:0.83E, h5km, ML2.5(STR), ML2.5(LDG), M2.1(MDD), After STR.

STR 20 00:17:20.8:0.3, 42.61N:0.83E, h5km, 1km, M2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 23 00:17:21.5:0.3, 42.61N:0.83E, h8km, 4km, mblg1.9/16, Error ellipse: s-maj=2.1km s-min=1.5km az=39.0, PRXIMO

LDG 23 00:17:21.0:0.1, 42.61N:0.82E, h13km, M2.5/2, M2.5/8, Error ellipse: s-maj=1.0km s-min=0.7km az=21.0

ISC 23 00:17:19.8:0.3, 42.62N:0.02:0.84E:0.02, h12km, Mw4.3, n4, t1516/67, Pyrenees

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MENCAS, DANIELS, CTI, WLS, CDF, LIBD, KIZ, FELD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTAO, STKA, WB2, WRAB, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31, KURK, MOS, NEIC, etc.



Table with columns: ARU, Arti, 73.61 325 eP, P, 03 50 40.0 +0.1, comp=Z, 92nm, 1.4s, mb5.5, LR, LR, etc.

Table with columns: LKWT, Lake, 85.68 44 eP, P, 03 51 47.9 +2.8, comp=Z, 2.3nm, 0.7s, mb4.5, LKWT, etc.

Table with columns: VNA2, Neumayer-Watz, 125.70 190 iP, PKPdf, 03 58 08.4 +2.5, VNA3, Neumayer Olymp, 125.78 189 iP, PKPdf, etc.

Table with columns: MEX 23 03:48:13.2±0.8, 16.90N-99.43W, h15km, MD3.5, Near coast of Guerrero, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

Table with columns: CASC 23 04:36:42.6±1.6, 12.05N-89.10W, h29km, 11 km, MD3.8, 10C-8D, Off coast of central America, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

Table with columns: LFRS, El Faro, 1.56 1j eP, Op, ISC, h m s ISC, LFRS, Las Brisas, 1.58 2 eP, P, 03 47 08.2 +0.6, etc.

MOS 23 05:00:26.9±1.1, 22.99S-69.97W, h47km, mb5.7/37, Error ellipse: s-maj=18.8km s-min=6.7km az=114.5

NEIC Power outages occurred in the epicentral area. Felt [VI] at Maria Elena, Mejillones and Tocopilla; [V] at Antofagasta and Calama; [IV] at San Pedro and Talita.

HRVD 23 05:00:30.6±0.1, 23.07S-70.31W, h85km, 1km, MW5.6/74, Centroid moment tensor solution. LP body waves: s66,c118,Mantle waves: s74,c162; Half duration: 196

ISC 23 05:00:29.0±0.1, 23.07S-70.31W, h71km, 1km, MW5.6/74, Error ellipse: s-maj=32.6km s-min=17.6km az=72.0

Table with columns: ANCH, Antofagasta, 0.74 214 iP, Op, ISC, h m s ISC, ANCH, Antofagasta, 0.74 214 iP, S, 05 00 45.3 +0.8, etc.

Table with columns for station call letters, location, frequency, and various signal strength and propagation mode indicators. Includes stations like Mendoza, Villa Florida, La Plata, etc.

Table with columns for station call letters, location, frequency, and various signal strength and propagation mode indicators. Includes stations like N'lazarevskaya, Adirondack Com, Hanover, etc.

Table with columns for station call letters, location, frequency, and various signal strength and propagation mode indicators. Includes stations like Syowa Base, Tungsten Hills, Hansel Valley, etc.

Table with columns: PTOM, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: HAU, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: HYB, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

NEIC 23 05:30:52.1, 35.26N-23.31E, h31km, MD3.5(ATH), After ATH. ATH 23 05:30:52.1, 35.26N-23.31E, h31km, 26km, MD3.5/4

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.



Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, PAU Pauzhetka, MIPR Malaya Ipe'l'ka, etc.

NEIC 23 05:41:45.2-1.0, 15.08N:91.72W, h128km, 12km, mb3.7/3, MD3.7(MEX), Error ellipse: s-maj=24.0km s-min=10.1km az=50.0

CASC 23 05:41:47.3-1.7, 15.03N:91.89W, h144km, 7km, MD4.0, mb3.7(NEIC)

IDC 23 05:41:47.8-6.1, 15.47N:91.25W, h146km, 85km, mb3.3/4, mb1 3.5/6, mb1mx3.3/16, Error ellipse: s-maj=90.0km s-min=17.9km az=54.0

MEX 23 05:41:49.6-1.1, 15.28N:92.09W, h155km, 39km, MD4.2, mb3.4, n1541:089/44, mb3.5/5, 2C-2D, Mexico-Guatemala border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include JAT Jato, CCIG Comitan, FUG Fuego 3, etc.

NEIC 23 06:23:21.7-1.9, 23.35S:67.47W, h208km, 20km, Error ellipse: s-maj=39.6km s-min=13.0km az=65.0

IDC 23 06:23:29.9-5.8, 22.44S:66.37W, h269km, 46km, mb3.1/4, mb1 3.4/6, mb1mx3.3/11, Error ellipse: s-maj=144.0km s-min=22.6km az=52.0

ISC 23 06:23:20.6-2.1, 23.3S:0.1x67.5W, 0.3, h209km, 12km, n12, n1500/13, mb3.3/4, Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include LPAZ La Paz, CPUP Villa Florida, CPUP Villa Florida, etc.

BER 23 06:41:00.1-3.0, 57.01N:5.84E, MD3.1, ML2.0, NAO 23 06:41:02.5-4.8, 57.11N:7.68E, h16km, 31km, ML3.0

ISC 23 06:40:58.9-1.1, 57.23N:0.07-7.2E, 0.2, h10km, n13, n1521/23, North Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include MUD Monsted U'grnd, BLSS Blasjo, KMY Karmoy, etc.

Table with columns: FOO, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include BSD Bornholm Skovs, BSDL BSDL, MOL Molde, etc.

BJJ 23 06:49:54.9, 57.87S:140.26W, h10km, mb5.4, Ms2.2, Ms2.1

IDC 23 06:49:54.6-0.6, 58.30S:139.88W, mb5.5/6, mb1 5.6/6, mb1mx5.5/7, MS5.0/7, Ms1 5.0/7, ms1mx5.0/7, Error ellipse: s-maj=34.7km s-min=20.0km az=166.0

MOS 23 06:49:55.6-1.2, 58.37S:139.64W, h10km, mb5.7/10, Error ellipse: s-maj=41.9km s-min=15.6km az=83.0

NEIC 23 06:49:56.3-0.1, 58.38S:139.72W, h10km, mb5.4/22, MS5.3/68, Error ellipse: s-maj=8.3km s-min=6.2km az=157.0

HRVD 23 06:49:56.3-0.2, 58.64S:139.63W, h12km, MW5.5/74, Centroid moment Tensor Solution. LP body waves: s70.c122, Mantle waves: s74.c140, Half duration: 1s3

ISC 23 06:49:54.3-2.9, 58.41S:0.07x139.7W, 0.1, h7km, n17km, n382, n099/69, mb5.3/25, MS5.3/78, 11C-7D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include SBA Scott Base, SBA Scott Base, Vnda Vanda, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include KLBR Kellerberrin, WRB Warramunga Arr, WRAB Tennant Creek, etc.

Table containing various codes (ULM, ULM, SIT, etc.), times (114.09, 115.30, etc.), and values (-3.1, 0.0, etc.).

Table containing various codes (TIXI, TIXI, IRK, etc.), times (144.34, 144.59, etc.), and values (-2.6, -2.3, etc.).

Table containing various codes (KURK, KURK, KURK, etc.), times (156.75, 156.75, etc.), and values (0.0, -3.5, etc.).

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Dobruska-Polom, Piszkkesteto, Moravsky Berou, etc.

TAP 23 07:00:53.4, 22.76N:122.53E, h9km, 1km, ML4.1
JMA 23 07:00:54.4, 0.2, 22.72N:122.83E, h59km
ISC 23 07:00:54.5, 2.7, 22.77N:122.9E:0.2, h59km, n4,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hateruma jima, Yonaguni jima, Ishigaki jima, etc.

TAP 23 07:51:01.4, 23.46N:120.64E, h10km, ML4.2
TAP Fail II J at Tsaushan, II J at Alishan, III J at Chiayi, II J at
Dapu, II J at Gukeng, I J at Nanshi, I J at Mingjian, I J at
Szhu, I J at Yungkang, II J at Tsauling, II J at Dungshan.

ISC 23 07:51:02.4, 0.2, 23.48N:120.64E:0.02, h12km, 2km,
n56, c076/79, 10C-4D, Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Tsaushan, Alishan, Minshiang, Chiayi, Gukeng, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like NSY, KAU, KNG, HWA, SCZT, SCZT, EAST, etc.

TAP 23 07:51:11.7, 23.46N:120.65E, h13km, ML4.3, Taiwan

BUI 23 07:52:55.8, 25.90N:101.27E, h13km, mb4.5, ML4.1,
Ms4.1, Ms3.9
ISC 23 07:52:50.9, 1.1, 25.75N:100.4, 101.12E:0.07, h13km, n6,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Kunming, Guiyang, CD2, etc.

TIF 23 07:53:01.5, 41.16N:43.94E, h2km, Mpv3.5, 2C-2D,
Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Akhalkalaki, Delisi, TBLG, etc.

MOS 23 08:28:45.2, 1.4, 51.00N:178.67E, h33km, mb4.4/4, Error
ellipse: s-maj=17.8km s-min=11.4km az=90.0
NEIC 23 08:28:48.4, 0.7, 51.11N:178.67E, mb4.2/7, ML4.0(AEIC),
Error ellipse: s-maj=18.3km s-min=7.0km az=7.0

ISC 23 08:28:47.2, 0.6, 51.21N:178.59E, h35km, 6km, mb3.9/17,
mb1.4, 0.17, mb1mx0.21, Error ellipse: s-maj=24.7km

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Kanaga Island, Adak, Adak, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YKA, YKA, ZAK, DUG, DUG, etc.

BUI 23 08:51:43.8, 49.83N:87.51E, h12km, mb4.7, mb4.2, Ms4.7,
Ms4.2

MOS 23 08:51:44.5, 1.3, 49.59N:87.61E, h17km, mb4.6/11, Error
ellipse: s-maj=9.6km s-min=6.1km az=103.0
IDC 23 08:51:44.5, 0.8, 49.73N:87.81E, mb4.1/12, mb1.4, 3/15,
mb1mx4.3/18, ML4.1/3, MS4.2/1, Ms1.4, 2/1, ms1mx3.4/16,
Error ellipse: s-maj=16.3km s-min=14.3km az=91.0

NEIC 23 08:51:46.2, 0.4, 49.74N:87.75E, h10km, mb4.8/8, Error
ellipse: s-maj=12.0km s-min=7.5km az=200.0
NINC 23 08:51:52.9, 2.5, 49.56N:87.40E, h179km, 24km, mpsv.0,
Error ellipse: s-maj=21.4km s-min=14.8km az=83.0

ISC 23 08:51:45.5, 1.0, 49.74N:87.63E:0.05, h14km, 6km,
n90, c1947/120, mb4.3/29, MS4.0/8, 13C-10D,

Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AKAR, ARTR, Ust-Kan, etc.



Table with columns for station code, name, coordinates, and various signal strength and quality metrics. Includes stations like NJ2, BJI, CLNS, QZH, WHN, MA2, YAK, XAN, and ULN.

Table with columns for station code, name, coordinates, and various signal strength and quality metrics. Includes stations like GZH, TGY, IRK, LANZHOU, ZAK, GYA, CHENGDU, MOY, QIONGZHONG, BILIBINO, KUNMING, KMI, TIXI, SHIR, KHON KAEN, NAN, CHRT, WMO, ZAL, ZAL, ANM, LSA, BDT, NST, NVS, and GZH.

Table with columns for station code, name, coordinates, and various signal strength and quality metrics. Includes stations like NVS, SHL, MKAR, NNT, AGT, WAU, SVV, KURK, IMA, JIRN, GUN, KDAK, KDC, KDC, PKI, KKN, DMN, GKN, DANN, PMR, KOLN, IPM, ULHL, COLA, COLA, TKM2, ILAR, ILAR, KZA, KBK, CHMS, USP, CHKZ, FRU, FRU, KSH, KSH, KSH, KSH, KSH, AAK, BVAR, BVAR, BVAR, UCH, BRVK, BRVK, BRVK, KAKA, EKS2, AML, ZRNK, ZRNK, KAKA, DAW, NDI, VIS, INK, INK, INK, SVE, SVE, SVE, SVE, BHPL, SOKR.

Table of flight data for 23d 9h, including columns for airline, flight number, origin, destination, status, and time.

Table of flight data for 2004 JAN, including columns for airline, flight number, origin, destination, status, and time.

Table of flight data for 484, including columns for airline, flight number, origin, destination, status, and time.



Table with columns: WRA, KAKA, FITZ, MBWA, KLBR, NWAO, SBA, QSPA, MAW, SNA, SNA, VNA3, VNA3, VNA1, COLA, ILAR, ILAR, PDAR, BVAR, KSP, DPC, UPC, BRG, BRG, BRG, CLL, CLL, CLL, PRU, NKC, SKO, KHC, KHC, KHC, GERES, DAVOX, etc. Each row contains station name, coordinates, and other data.

IDC 23 13:39:52.3; 1.0, 41.61N; 79.26E, mb4.4/17, mb1 4.5/20, mb1mx4.4/23, ML3.2/3, MS3.6/3, Mst 3.7/3, ms1mx3.4/13, Error ellipse: s-maj=22.3km s-min=19.1km az=170.0, MOS 23 13:39:55.9; 0.9, 41.79N; 79.50E, h30km, mb4.7/19, Error ellipse: s-maj=12.5km s-min=7.1km az=99.8, NEIC 23 13:39:59.0; 1.5, 41.68N; 79.14E, h48km, mb4.6/14, Error ellipse: s-maj=14.2km s-min=6.9km az=172.0, BUJ 23 13:39:59.8; 4.1, 60N; 79.51E, h47km, mb4.4, ML4.6, Ms4.0, NNC 23 13:40:05.8; 10.0, 42.21N; 79.58E, mpv4.2, Error ellipse: s-maj=72.5km s-min=37.2km az=145.0, ISC 23 13:39:58.0; 6.1, 41.75N; 0.04; 79.14E; 0.04, h61km, 5km, n119, e1905/129, mb4.5/36, 13C-6D, Kyrgyzstan-Xinjiang

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

Table with columns: BRVK, BRVK, BRVK, ZRKN, ZRKN, ZRKN, ZRKN, NDI, CHDK, CHKZ, CHKZ, NVS, KOLN, GKN, SHRR, SHRR, SHRR, KKN, GUN, DMN, PKI, JIRN, AB31, LSA, GTA, GTA, ORHR, ORHR, MOY, ZAK, ARU, ARU, LZH, LZH, LZH, ULN, ULN, ULN, CD2, HYB, XAN, XAN, KIV, KIV, BOD, BOD, SOC, SOC, SOC, SOC, SOC, SOC, KMI, KMI, KMI, KMI, KMI, KMI, CD2, CD2, CD2, CD2, CD2, JIRN, JIRN, GUN, PKI, KKN, GKN, KIV, KIV, KLR, FINES, FINES, EIL, MLR, MLR, TIXI, KEV, KEV, KEV, SPITS, SPITS, NB2, NB2, NB2, NOA, NOA, NOA, NOA, NOA, GERES, GERES, GERES, GERES, DAVOX, DAVOX, DAVOX, LPG, LPGA, LPGA, LPGA, LPL, LPL, etc. Lists various stations and their parameters.

Table with columns: LPL, LPL, MBDF, MBDF, MBDF, ORIF, ORIF, FRF, LMR, LMR, LMR, SMF, VIVF, AVF, AVF, AVF, LASF, CAF, MTLF, MTLF, LFF, SGMF, SGMF, SGMF, EPF, EPF, ETSF, ETSF, SJPF, ESDC, COLA, COLA, COLA, INK, INK, INK, INK, ILAR, ILAR, ILAR, FRB, FRB, YKW3, YKA, YKA, YKA, YKA, ASAR, ASAR, etc. Lists various stations and their parameters.







Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Chul'man, Changchun, Nakatsue, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Urumqi, Kurchatov, Yellowknife Ar, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Pinedale Array, Fines Array B, Pulkovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARSA Arzberg, GIVF Givet, BAIF Baives, etc.

IDC 23 17:11:32.9, 1.9, 04N, 64.27W, mb3.9/6, mb1 4.2/7, mb1mx4.0/15, ML3.3/1, MS3.7/1, Ms1 3.7/1, ms1mx3.0/14, Error ellipse: s-maj=67.3km s-min=18.7km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTP Monte Pirata, CANVP Canovanas, HUMP Col San Antoni, etc.

MAN 23 17:13:52.2, 7.72N, 121.53E, h33km, mb4.6, ML3.5, MS3.3, 3C, Mindanao

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

IDC 23 17:12:46.5, 46.82N, 6.05E, h4km, ML2.3(LDG), ML2.1(STR), After LDG. STR 23 17:29:46.0, 0.46, 82N, 6.05E, h4km, Md2.3/2, Ml2.3/17, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: BGF, BGF, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BGF 7.0nm,0.5s, LASF Ste Croix, etc.

IDC 23 17:53:54.9, 1.1, 55.34N, 162.63E, mb4.0/9, mb1 4.2/9, mb1mx4.0/17, Error ellipse: s-maj=32.3km s-min=22.1km az=151.0

IDC 23 17:53:56.6, 1.2, 55.18N, 163.16E, h14km, 2km, ML4.6, MOS 23 17:53:58.5, 1.1, 55.20N, 163.07E, h47km, mb4.1/5, Error ellipse: s-maj=18.7km s-min=10.6km az=81.7

Table with columns: PDAR, DUG, RSSD, FINES, FINES, ASAR, QSPA. Includes station names, coordinates, and times.

Table with columns: KSH, KSH, KSH, ULHL, KZA, TKMK, UCH, KBK, AAK, AML, CHMS, EKSE, USP, KK31, KK31, KOLN, GKN, KKN, GUN, PKI, JIRN. Includes station names, coordinates, and times.

Table with columns: LPL, LPL, LPL, HYF, HYF, Bois d'Agland, FUR, MOTA, MOTA, SOTA, SOTA, SOTA, GRFO, GRFO, GRF, ORIF, ORIF, ORIF, TCF, TCF, TCF, VIVF, VIVF, MOX, NKC, LDF, LDF, CAF, CAF, LASF, LASF, KHC, KHC, FLN, FLN. Includes station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like FITZ, KAKA, KAKA, WB2, ASPA, ASPA, KLB, KLB, KLB, CTA, STKA.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like AAK, AML, CHMS, EKSE, USP, KK31, KK31, KOLN, GKN, KKN, GUN, PKI, JIRN.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like SOTA, SOTA, SOTA, GRFO, GRFO, GRF, ORIF, ORIF, ORIF, TCF, TCF, TCF, VIVF, VIVF, MOX, NKC, LDF, LDF, CAF, CAF, LASF, LASF, KHC, KHC, FLN, FLN.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like GSPH, GSPH, GAGZ, GAGZ, ZMCH, ZMCH, DMPH, DMPH.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like HAU, HAU, HAU, ECH, ECH, THEF, THEF, CDF, CDF, HNF, HNF, HNF, HNF, WLS, WLS, WLS, WLS, MOF, MOF, LBD, LBD, RFYF, RFYF.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like GEC2, GEC2, MFF, MFF, MFF, GRR, GRR, GRR, GRR, CLL, CLL, LFF, LFF, PRU, PRU, SGMF, SGMF, ROUF, ROUF.

NEIC 23 19:39:11.2, 19.17N..66.48W, h25km, MD3.0(RSPR), After RSPR.

NEIC 23 20:36:16.9, 48.33N..6.67E, h5km, ML2.9(LDG), ML2.7(VIE), ML2.6(STR), ML2.4(SZGRF), After STR. STR 23 20:36:16.9, 48.33N..6.67E, h5km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0 LDG 23 20:36:16.9, 48.33N..6.67E, h12km, MD3.0/3, ML2.9/26, Error ellipse: s-maj=1.2km s-min=1.0km az=169.0 BGR 23 20:36:17.0, 48.35N..6.68E, h5km, ML2.3/3, Error ellipse: s-maj=3.3km s-min=2.2km az=72.0

NEIC 23 20:36:14.3, 48.31N..0.02E, h59E, 0.22, h11km, 3km, m65, s141/124, 2C, France

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like AOPR, AOPR, CSB, LRS, CBYP, CBYP, CELP, CELP, SJG, SJG, PORR, PORR, OBIP, OBIP, MPR, MPR, LSP, LSP, HUMP, HUMP, IDE, IDE, CPD, CPD, ICM, ICM, MGP, MGP, MGP, MTP, MTP, SCVI, SCVI.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like HAU, HAU, HAU, ECH, ECH, THEF, THEF, CDF, CDF, HNF, HNF, HNF, HNF, WLS, WLS, WLS, WLS, MOF, MOF, LBD, LBD, RFYF, RFYF.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like URZ, URZ, RPZ, RPZ, STKA, STKA, WB2, WB2, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ASPA, ASPA, KAKA, KAKA, CBJ, CBJ, SBA, SBA, ASAJ, ASAJ, QSPA, QSPA, PDAR, PDAR, COLA, COLA, ILAR, ILAR, MAW, MAW, INUK, INUK, YKA, YKA, YKA, YKA, QSPA, QSPA, ULM, ULM, KMB, KMB, GERES, GERES.

NEIC 23 19:44:05.0, 17.57N..94.69W, h148km, MD4.3(MEX), After MEX.

NEIC 23 20:36:14.3, 48.31N..0.02E, h59E, 0.22, h11km, 3km, m65, s141/124, 2C, France

NEIC 23 21:31:29.0, 1.0, 15.90Sx172.55W, mb4.3/7, mb1 4.5/7, mb1mx4.4/13, MS4.0/5, Ms1 4.0/5, ms1mx3.7/14, Error ellipse: s-maj=43.2km s-min=20.6km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like CMIG, CMIG, EVV, EVV, OAX, OAX, OXX, OXX, VHO, VHO, SCX, SCX, COX, COX, COIG, COIG, ISM, ISM, PNIG, PNIG, PPM, PPM, PPM, PPM, YAG, YAG, YAG, YAG, UNM, UNM, PLIG, PLIG, ACX, ACX, CAIG, CAIG, SAJ, SAJ.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like BBS, BBS, LANF, LANF, BFO, BFO, BFO, BFO, SULZ, SULZ, SLE, SLE, SLE, SLE, WLF, WLF, WLF, WLF, ZUR, ZUR, ZUR, ZUR, CABF, CABF, CABF, CABF.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like URZ, URZ, RPZ, RPZ, STKA, STKA, WB2, WB2, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ASPA, ASPA, KAKA, KAKA, CBJ, CBJ, SBA, SBA, ASAJ, ASAJ, QSPA, QSPA, PDAR, PDAR, COLA, COLA, ILAR, ILAR, MAW, MAW, INUK, INUK, YKA, YKA, YKA, YKA, QSPA, QSPA, ULM, ULM, KMB, KMB, GERES, GERES.

DJA 23 19:48:22.6, 1.0, 10.27Sx120.32E, h100km, ML5.0/3, Error ellipse: s-maj=108.5km s-min=21.9km az=20.0

NEIC 23 21:31:29.0, 1.0, 15.90Sx172.55W, mb4.3/7, mb1 4.5/7, mb1mx4.4/13, MS4.0/5, Ms1 4.0/5, ms1mx3.7/14, Error ellipse: s-maj=43.2km s-min=20.6km az=119.0

NEIC 23 21:31:33.6, 0.7, 16.0S..0.172.6W..0.1, h45km, n/3, Error ellipse: s-maj=18.9km s-min=11.6km az=122.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like KEDI, KEDI, RATI, RATI, INGI, INGI, KELI, KELI, FITZ, FITZ, FITZ, FITZ, KAKA, KAKA, WB2, WB2, ASPA, ASPA, STKA, STKA.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like STU, STU, WILA, WILA, WILA, WILA, LOR, LOR, LOR, LOR, GIVF, GIVF, KAMOR, KAMOR, TNS, TNS, TNS, TNS, BAIF, BAIF, BAIF, BAIF, SMF, SMF, SMF, SMF, AVF, AVF, AVF, AVF, LPL, LPL.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like URZ, URZ, RPZ, RPZ, STKA, STKA, WB2, WB2, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ASPA, ASPA, KAKA, KAKA, CBJ, CBJ, SBA, SBA, ASAJ, ASAJ, QSPA, QSPA, PDAR, PDAR, COLA, COLA, ILAR, ILAR, MAW, MAW, INUK, INUK, YKA, YKA, YKA, YKA, QSPA, QSPA, ULM, ULM, KMB, KMB, GERES, GERES.

BJI 23 20:22:18.4, 40.07N..78.05E, h17km, ML3.5, Error ellipse: s-maj=19.4, 0.6, 39.72N..0.07, 78.21E..0.09, h17km, n18, s130/19, 1C-2D, Southern Xinjiang

NEIC 23 21:31:33.6, 0.7, 16.0S..0.172.6W..0.1, h45km, n/3, Error ellipse: s-maj=18.9km s-min=11.6km az=122.0

NEIC 23 21:45:44.7, 0.7, 36.01Sx178.68E, h210km, 17km, ML4.0/2, Error ellipse: s-maj=16.3km s-min=9.9km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like KEDI, KEDI, RATI, RATI, INGI, INGI, KELI, KELI, FITZ, FITZ, FITZ, FITZ, KAKA, KAKA, WB2, WB2, ASPA, ASPA, STKA, STKA.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like STU, STU, WILA, WILA, WILA, WILA, LOR, LOR, LOR, LOR, GIVF, GIVF, KAMOR, KAMOR, TNS, TNS, TNS, TNS, BAIF, BAIF, BAIF, BAIF, SMF, SMF, SMF, SMF, AVF, AVF, AVF, AVF, LPL, LPL.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes station names like URZ, URZ, RPZ, RPZ, STKA, STKA, WB2, WB2, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ASPA, ASPA, KAKA, KAKA, CBJ, CBJ, SBA, SBA, ASAJ, ASAJ, QSPA, QSPA, PDAR, PDAR, COLA, COLA, ILAR, ILAR, MAW, MAW, INUK, INUK, YKA, YKA, YKA, YKA, QSPA, QSPA, ULM, ULM, KMB, KMB, GERES, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MARZ Manawaha, URZ Urewera, NOZ North Gisborne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DRP Derazinda, SARP Sargodha, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVS comp=Z,29m,0.6s, NVS comp=N,32m,0.6s, NVS comp=E,6.0m,0.6s, etc.

NEIC 23 21:52:34.0, 37.21S, 176.95E, h215km, After WEL. WEL 23 21:52:31.3, 0.4, 37.14S, 177.05E, h240km, 4km, ML4.5, 0.0, 1C, Error ellipse: s-maj=7.8km s-min=4.9km az=0.0, Off east coast of North Island

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MARZ Manawaha, URZ Urewera, LIRZ Lichensteins R, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DRP Derazinda, SARP Sargodha, KSH Kashi, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVS comp=Z,29m,0.6s, NVS comp=N,32m,0.6s, NVS comp=E,6.0m,0.6s, etc.

NNC 23 22:10:36.5, 5.5, 33.85N, 68.17E, Error ellipse: s-maj=101.2km s-min=60.8km az=108.0. IDC 23 22:11:19.1, 9.1, 0.36, 65N, 68.89E, mb4.5/15, mb1.4, 7/17, mb1mx4, 7/17, ML4, 7/2, MS3, 7/6, Ms1 3.7/6, ms1mx3, 5/18, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CEP Cherat, THW Thamme Wali, SBPD Sheikh Budin, CHCP Chirah Chowk, etc.







Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like HAU, LASF, SMF, PRU, PRU, LOR, MEZF, AVF, SSF, BGF, EJON, CAF, MTFL, TCF, HFC, DYC, ETOS, MFF, QUIF.

HEL 24 00:30:54.0±0.3, 67.74N±19.76E, ML1.4, ML1.6(BER), Explosion
BER 24 00:30:57.9±2.6, 67.81N±20.11E, ML1.6, Suspected explosion

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KIF, KFK, KTK1, KTK1, TRO, TRO, TRO, LOF, LOF, SGF, MOR8, ARAO, KEV, KEV, OUL, OUL, MSF, NSS, NSS, KJN.

KRSC 24 01:38:03.4±1.1, 49.69N±156.17E, h2km±13km, ML4.4, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SKR, ALID, PAU, GRL, GRL, RUS, RUS, PET, UGLR, KOK, AVH, AVH, SMPR, SPN, MKZ, MKZ.

MAN 24 01:41:37.1, 15.69N±19.75E, h31km, mb4.7, ML3.6, MS3.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SCZP, BOLP, PCPH, QVPH, PAZ, ARP, BALP, TGY, LUBP, LBP, SZP, SZP, ABRA, LQP, POLP, CAUP, APYP, CVP, PALP, BOAC, SUMP, BUSP, ENPP, PVCP, WB2.

WEL 24 01:43:52.5±0.8, 46.85S±165.22E, h33km, ML4.0/5, Error ellipse: s-maj=8.4km s-min=6.9km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DCZ, WHZ, WHZ, MLZ, MLZ, TUZ, TUZ, AXZ, AXZ, DSZ.

TIF 24 01:54:58.8, 43.38N±45.47E, h14km, Mpv3.5
MOS 24 01:55:00.9±1.6, 42.96N±46.33E, h20km, mb4.0/1, Error ellipse: s-maj=15.2km s-min=12.2km az=132.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DLMR, DLMR, DBC, DBC, BTLR, BTLR, BTLR, KRNR, KRNR, UNCR, UNCR, BUJR, BUJR, ARKR, ARKR, GNBR, GNBR, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TBLG, TBLG, TBLG, MTA, MTA, DGRG, DGRG, AKH, AKH, GOF, GOF, AB31, AB31, AB31.

MOS 24 02:01:48.2±2.1, 43.49N±46.00E, h18km, mb3.8/1, Error ellipse: s-maj=52.8km s-min=10.3km az=122.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DLMR, DLMR, DBC, DBC, BTLR, BTLR, BTLR, KRNR, KRNR, UNCR, UNCR, BUJR, BUJR, ARKR, ARKR, GNBR, GNBR, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TBLG, TBLG, TBLG, MTA, MTA, DGRG, DGRG, AKH, AKH, GOF, GOF, AB31, AB31, AB31.

MOS 24 02:01:48.2±2.1, 43.49N±46.00E, h18km, mb3.8/1, Error ellipse: s-maj=52.8km s-min=10.3km az=122.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DLMR, DLMR, DBC, DBC, BTLR, BTLR, BTLR, KRNR, KRNR, UNCR, UNCR, BUJR, BUJR, ARKR, ARKR, GNBR, GNBR, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TIZ, TBLG, TBLG, TBLG, MTA, MTA, DGRG, DGRG, AKH, AKH, GOF, GOF, AB31, AB31, AB31.

PGC 24 02:31:21.3±64.74N±133.08W, h1km, ML3.3/4, Werneck Mountains, Yukon Territory, Southern Yukon Territory

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DAWY, DAWY, INK, INK, INK, INK, WHY, WHY, WHY, WHY, HNT, HNT, HNT, HNT, DLBC, DLBC, DLBC, YKW3, YKW3, YKW3.

Table with columns: YKW3, RES, Time, Res, ISC. Includes stations like YKW3, RES.

IDC 24 02:41:36.2±1.1, 15.11S±173.56W, mb4.3/4, mb1 4.5/4, Error ellipse: s-maj=59.5km s-min=25.6km az=123.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like URZ, PMG, STKA, WRB, WRB, ASAR, ASAR, ASAR, ASAR, GSPA, ILAR, PDAR, DAWY, KMB0, GERES, GERES.

DJA 24 02:42:04.7±0.8, 7.71S±115.83E, h80km, ML3.8, 2C-2D, Error ellipse: s-maj=19.6km s-min=10.4km az=20.0, Bali

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KEDI, KEDI, RATI, RATI, RATI, INGI, INGI, INGI, KALI, KALI, KALI.

IDC 24 02:56:38.6±5.0, 5.98N±72.70W, h214km±101km, mb3.3/3, mb1 3.4/3, mb1mx3.1/13, Error ellipse: s-maj=276.0km s-min=78.5km az=160.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ROSC, ROSC, ROSC, SCHO, SCHO, FRB, FRB, YKA, YKA, POO, POO.

IDC 24 02:58:38.2±4.1, 6.4N±0.5, 72.9W±0.9, h200km±n5, 0061/5, mb3.4/3, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STKA, ASAR, ASAR, ILAR, ARCS, FINES, FINES.

IDC 24 04:40:40.5±3.1, 37.93N±44.88E, mb4.0/11, mb1 4.2/12, mb1mx4.1/17, ML3.7/1, MS3.7/7, Ms1 3.7/7, ms1mx3.5/18, Error ellipse: s-maj=65.5km s-min=23.8km az=163.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STKA, ASAR, ASAR, ILAR, ARCS, FINES, FINES.

MOS 24 04:40:48.7±1.4, 38.64N±44.85E, h33km, mb4.2/5 Error ellipse: s-maj=12.2km s-min=6.4km az=109.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STKA, ASAR, ASAR, ILAR, ARCS, FINES, FINES.

ISC 24 04:40:42.0±6.38, 29N±43.27E, h4km, MD2.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STKA, ASAR, ASAR, ILAR, ARCS, FINES, FINES.

Table with columns: SOC, comp, N, 30nm, 0.8s, pmax, pmax, etc. Includes stations like ANAP, BR131, ASF, EIL, VRSR, etc.

Table with columns: ATH 24 04:55:17.8, 38.08N-22.67E, h3km, MD3.6/3, Greece. Includes stations like LKR, RLS, EFR, ITM, VLI, etc.

Table with columns: MKRZ Makatiti, 1.84 282 PN, Pn, 05 46 49.5 -0.2. Includes stations like PATZ, TGRZ, KARE, etc.

NEIC 24 04:55:17.8, 38.08N-22.67E, h3km, MD3.6(ATH), After ATH.

NEIC 24 07:47:59.8±1.7, 30.06N-49.56E, h40km, mb4.1/4, Error ellipse: s-maj=37.6km s-min=18.7km az=200.0
MOS 24 07:48:01.0±1.2, 30.58N-49.64E, h33km, mb4.1/1, Error ellipse: s-maj=24.7km s-min=13.4km az=99.5
KISR 24 07:48:07.1±1.2, 31.98N-50.07E, h33km, mb4.1(NEIC)
IDC 24 07:48:10.6±4.0, 32.36N-49.46E, mb4.1/10, mb1.4/2/11, mb1mx4.0/18, ML4.0/1, Error ellipse: s-maj=79.6km s-min=24.3km az=175.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UMR Um Al-Rimmam, KBD Kabd, NAY AI-Naaim, RNF Al-Radiyah, QRN Al-Qurain, etc.

SVSA 24 07:48:19.6±1.2, 40.21N-29.64W, h5km, ML3.7, Error ellipse: s-maj=10.6km s-min=5.5km az=72.0, Azores Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STGR Santa Cruz, PGRA Graciosa, CALA Caldeira, etc.

IDC 24 07:52:00.1±11.0, 31.68N-49.40E, mb3.8/7, mb1 3/9/7, mb1mx3.7/16, Error ellipse: s-maj=222.0km s-min=36.2km az=5.0

NEIC 24 07:52:01.6±1.8, 31.05N-49.23E, h45km, Error ellipse: s-maj=39.1km s-min=13.4km az=163.0

ISC 24 07:51:55.3±2.4, 31.1N-0.3±49.3E±0.2, h10km, n9,±056/9, mb3.8/7, Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EIL Elat, BVAR Borovoye Array, etc.

IDC 24 09:36:18.3±8.8, 37.47N-72.31E, h89km, 74km, mb4.0/12, mb1.4/1/3, mb1mx4.0/17, ML4.4/1, Error ellipse: s-maj=39.6km s-min=29.9km az=28.0
MOS 24 09:36:22.4±0.8, 37.81N-72.20E, h124km, mb4.3/5, Error ellipse: s-maj=17.7km s-min=7.5km az=100.1
NEIC 24 09:36:23.2±2.0, 37.78N-72.29E, h122km, 18km, mb4.2/6, Error ellipse: s-maj=18.4km s-min=9.5km az=54.0
BUJ 24 09:36:23.0, 37.65N-72.30E, h131km, mb4.5
NIN 24 09:36:31.3±7.9, 38.19N-71.37E, h166km, 70km, mpv5.2,

Error ellipse: s-maj=75.3km s-min=45.0km az=22.0
ISC 24 09:36:20.9±0.4, 37.52N-0.0±72.27E±0.05, h128km, 5km, n86, ±123/103, mb4.1/19, 7C-2D, Tajikistan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, CHP Chirah Chowk, AML Almayashu, etc.

comp=Z, 3.6nm, 0.8s, mb4.1, baz=90, slow=5.9, SNR=5.7
DAVOS Davos 46.11 302 P P 09 44 33.7 +0.0
SPITS Spitsbergen Ar 46.73 346 P P 09 44 39.7 +1.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SPITS, INK Inuvik, ILAR Eielson Array, etc.

IDC 24 09:40:31.2±3.6, 39.76N-29.91W, mb4.0/3, mb1 4.3/4, mb1mx3.9/15, ML4.6/1, MS4.0/13, Ms1 4.0/13, ms1mx4.0/16, Error ellipse: s-maj=129.0km s-min=29.0km az=10.0

SVSA 24 09:40:34.8±1.0, 40.20N-29.66W, h8km, ML3.7, Error ellipse: s-maj=9.7km s-min=4.6km az=73.0

ISC 24 09:40:31.7±0.7, 40.01N-0.06±29.56W±0.09, h8km, n39, ±080/39, mb4.0/3, MS4.0/12, Azores Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STGR Santa Cruz, PGRA Graciosa, CALA Caldeira, etc.

DJA 24 09:45:51.8±1.7, 7.80S-141.56E, h2km, MD5.3/3, ML4.5/3, 1C-19, Error ellipse: s-maj=41.7km s-min=20.8km az=24.0, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KELI Kelakatan, INGI Ingos, etc.

IDC 24 09:58:13.8±2.1, 25.70N-141.45E, h81km, 16km, mb3.8/8, mb1 4.0/8, mb1mx3.9/12, Error ellipse: s-maj=30.8km s-min=18.5km az=104.0

NEIC 24 09:58:19.0±0.3, 25.67N-141.39E, h130km, mb4.2/3, Error ellipse: s-maj=19.5km s-min=8.2km az=98.0

ISC 24 09:58:12.3±1.5, 25.68N-0.08±141.4E±0.2, h83km±14km, n19, ±067/20, mb4.0/1, 2C, Volcano Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBJ Chichi jima, WB2 Wannan Array, etc.

Table with 4 columns: INK, YKA, ARCES, KAF, FINES, NOA, NOA, PDAR, PV01. Includes station names like Inuvik, Yellowknife Arr, Kangasniemi, FINESS Arr, NORARS Arr, Paradox Valley and various parameters.

NEIC 24 10:00:34.6, 43.19N; 1.33W, h15km, ML2.6(LDG), ML2.5(STR), MN2.3(MDD), After LDG. MDD 24 10:00:34.6, 43.19N; 1.33W, h15km, ML2.5(MD), After LDG.

Code Station Name A° AZ° Phase ID Time Res ISC

Main station list table for the left column, containing codes, station names, coordinates, and parameters for various stations like Osces, Labassere, Saje, etc.

Table with 4 columns: GRR, ROSE, ROSE, LDF, LDF, FLN. Includes station names like 1.1nm,0.2s, 2.1nm,0.2s, 0.7nm,0.2s, La Foliiniere.

NEIC 24 10:02:08.2, 43.01N; 1.41W, h6km, ML2.3(LDG), MN1.5(MDD), After LDG. LDG 24 10:02:08.2, 43.01N; 1.41W, h6km, Mdl.7/2, ML2.3/1.

Code Station Name A° AZ° Phase ID Time Res ISC

Main station list table for the right column, containing codes, station names, coordinates, and parameters for various stations like SJEPP, EALK, ETSF, ECRI, etc.

Table with 4 columns: BRG, PRU, PRU, PRU, RUE, RUE, MORC, MORC, CLL, CLL, OVK, OVK, NKC, NKC, NKC, OJC, OJC, KHC, KHC, MOX, MOX, ZST, ZST, MOA, MOA, PSZ, KWP. Includes station names like Pruhonice, Ruedersdorf, Moravsky Berou, Colim, Ostrava-Krasne, Novy Kostel, Ojcow, Kasperske Hory, Moxa, Bratislava, Ruzen, Mollin, Piskvestote, Kalwaria.

NNC 24 11:33:04.3; 19.0, 39.09N; 77.03E, mpv3.5, Error ellipse: s-maj=171.4km s-min=73.0km az=162.0. BUJ 24 11:33:13.3, 39.51N; 77.31E, h11km, ML3.7. ISC 24 11:33:06.3; 4.387N; 0.377E; 0.2, h11km, n11.

Code Station Name A° AZ° Phase ID Time Res ISC

Main station list table for the right column, containing codes, station names, coordinates, and parameters for various stations like KASHI, ULH, KZA, UCH, KBK, AML, AAK, CHMS, EK2, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GERES, SMOL, MODS, ZST, NIE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLL, OVCH, VACH, CMCH, etc.

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

NEIC 24 12:49:42.9, 46.03N; 13.70E, h5km, MD2.7(ROM), ML2.3(ZAG), ML2.4(VIE), ML2.3(LJU), Ater R.O.M.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEIC Felt, ROM 24, LJU 24, ISC 24, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 24, ISC 24, SZP, etc.

IGIL 24 13:01:41.4, 52.20N-30.20W, h2km, mb6.1, MS5.2, MOS 24 13:01:43.0, 8.52E, 10N-30.18W, h10km, ms5.8/8.5, MS5.5/6.5, Error ellipse: s-maj=6.0km s-min=4.8km az=164.1, IDC 24 13:01:43.7, 5.2, 0.06N-30.16W, mb5.2/2.1, mb1mx5.4/2.1, MS5.4/1.7, MS1 5.4/1.7, ms1mx5.3/2.0, Error ellipse: s-maj=15.8km s-min=9.2km az=2.0, CSEM 24 13:01:44.7, 5.2, 15N-30.21W, h17km, mb5.6/1.7, MS6.5, MS5.4/6.4, MW5.9, Error ellipse: s-maj=3.0km s-min=1.2km az=188.0 Broadband fault plane solution: P waves, NP1: 165°, 88°, 1.5°, NP2: 95°, 88°, 1.7°, Principal axes: T: P16°, Azm50°; N: P16°, Azm7°; P: P163°, Azm320°; Moment tensor solution: s23 Moment tensor: Scale 1017 Nm; Mw: 7.7; Ms: 2.71; Mw-2.71; Mw-1.72; Mw-7.76; Mw-1.31; Best double couple: Mw: 8.3x1017 NP1: 99°, 88°, 1.17°, NP2: 98°, 88°, 1.9°. Principal axes: T: 7.71°, P160°, Azm53°; N: 1.27°, P178°, Azm144°; P: -8.98°, P12°, Azm323°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. SYO 24 13:01:45.7, 52.12N-30.18W, h10km, MB5.6, MS5.4 ZUR\_RM 24 13:01:45.5, 52.12N-30.18W, h12km, MW5.8/10, Moment Tensor Solution, s10 Moment tensor: Scale 1017 Nm; Mw: 1.0; Ms: 2.42; Mw-2.52; Mw-3.95; Mw-5.00; Mw-1.15 Best double couple: Mw: 7.6x1017 NP1: 99°, 88°, 1.15°, 150°, NP2: 169°, 86°, 1.11°. Principal axes: T: 5.912°, 14°, Azm53°; N: 1.703°, P158°, Azm300°; P: 7.615°, P128°, Azm151°. HRVD 24 13:01:45.7, 52.17N-30.06W, h12km, MW5.8/7.9, Centroid moment tensor solution. LP body waves: s72c149; Mantle waves: s79c173; Half duration: 1.9 Moment tensor: Scale 1017 Nm; Mw: 0.27±0.06; Mw-1.16±0.06; Mw-0.18±0.14; Mw-5.59±0.05; Mw-0.84±0.15; Best double couple: Mw: 8.3x1017 NP1: 99°, 88°, 1.17°, NP2: 99°, 88°, 1.9°. Principal axes: T: 5.92°, P163°, Azm232°; N: -2.3, P168°, Azm357°; P: 5.69,

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



Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like UBRR, MOR8, DAVA, AURF, etc.

Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like PTCO, DOBR, ROBS, etc.

Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like BINY, CRVS, ISAL, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like KIS, PLD, BLA, FWV, EVR, PLG, ELN, PWV, OBN, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like YKWK, YKA, YKA, YKA, YKA, YKA, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like SVE, SVE, SVE, SVE, TIC, DBIC, DBIC, etc.



Table with columns for call sign, name, frequency, power, and other details. Includes entries like CHKZ Chkalovo, JBO Jordan Butte, GNW Green Mountain, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like HOPS, NSHF Saint Helena R, PFO Pinyon Flat Ob, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like SMY Shemya, ULN Ulanbaatar, ULN Ulanbaatar, etc.

Table with columns: Station, Time, Az, El, Code, Name, Time, Az, El, Code, Name, Time, Az, El, Code, Name. Includes stations like Changchun, Beijing, Lhasa, etc.

Table with columns: Station, Time, Az, El, Code, Name, Time, Az, El, Code, Name, Time, Az, El, Code, Name. Includes stations like Torquist, Giongzhong, Papeete, etc.

Table with columns: Station, Time, Az, El, Code, Name, Time, Az, El, Code, Name, Time, Az, El, Code, Name. Includes stations like Irkutsk, Suvo, Arshan, etc.

MOS 24 14:18:22.9 1.9, 52.46N, 106.85E, h19km, mb4.6/1, Error ellipse: s-maj=12.1km s-min=7.7km az=64.1 BYK 24 14:18:23.7 0.2, 52.45N, 106.83E, h20km, mb4.6/1, Error ellipse: s-maj=12.1km s-min=7.7km az=64.1

ISC 24 14:18:21.6 0.4, 52.49N, 102.106.86E, 0.03, h11km, gkm, n50, c1939/101, MS4.01, 11C-9D, Lake Baykal region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NLYR Nelyaty, TDJR Todzha, BOD Bodaibo, etc.

IDC 24 15:51:40.9, 2.2, 28.11s, 71.65W, mb3.3/1, mb1 3.9/3, mb1mx3.8/11, ML3.9/2, MS3.4/1, Ms1 3.4/1, ms1mx3.2/3, Error ellipse: s-maj=66.7km s-min=45.5km az=21.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, CPUP Villa Florida, CPUP CPUP, etc.

IDC 24 16:05:06.1, 4.7, 16.91S, 166.45E, mb3.9/2, mb1 4.2/2, mb1mx4.0/7, Error ellipse: s-maj=295.0km s-min=36.9km az=146.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PVC Port Vila, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

NEIC 24 16:34:06.5, 17.79N, 101.43W, h55km, MD3.9(MEX3), After MEX.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatajejo, CAIG El Cayaco, ACX Acapulco, etc.

LDG 24 16:40:29.2, 0.1, 50.22N, 87.26E, h10km, Mb4.9/31, Ms4.0/3, Error ellipse: s-maj=8.6km s-min=2.4km az=44.0

IDC 24 16:40:29.3, 0.8, 50.17N, 87.51E, mb4.6/20, mb1 4.8/21, mb1mx4.8/21, ML4.5/1, MS4.0/11, Ms1 4.0/11, ms1mx3.7/22, Error ellipse: s-maj=21.2km s-min=17.5km az=156.0

BUI 24 16:40:30.0, 50.21N, 87.19E, h10km, mb4.8, mb4.8, ML5.2, Ms4.5, Msz4.3

MOS 24 16:40:30.7, 1.1, 50.20N, 87.33E, h12km, mb5.0/22, Error ellipse: s-maj=8.2km s-min=6.3km az=121.7

2004 JAN Error ellipse: s-maj=21.0km s-min=9.7km az=80.0 ISC 24 16:40:30.0, 8.50, 17N, 0.02, 87.26E, 0.03, h8km, 5km, n307, e1913/328, mb4.9/114, MS4.1/19, 30C-8D, Southwestern Siberia

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKAR Aktash, UKR Ust'-Kan, TASR Tashtagol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AB31, ARU Ari, ARU Arti, etc.

LDG 24 16:40:30.7, 1.1, 50.20N, 87.33E, h12km, mb5.0/22, Error ellipse: s-maj=8.2km s-min=6.3km az=121.7

NEIC 24 16:40:31.9, 0.2, 50.20N, 87.30E, h10km, mb5.0/72, Error ellipse: s-maj=6.7km s-min=3.8km az=193.0

NNC 24 16:40:35.2, 2.6, 50.31N, 86.79E, h12km, 11km, mpv5.0,





Table with columns for station code, name, coordinates, and other data. Includes stations like NCU National Centre, TAO Taipei, TWA Mucha, etc.

Table with columns for station code, name, coordinates, and other data. Includes stations like FITZ Fitzroy Crossi, MKAR Makanchi Array, YAK Yakutsk, etc.

Table with columns for station code, name, coordinates, and other data. Includes stations like TUMR Tumrok, CIRR Tsirik, LGNR Loginovna, etc.

IDC 24 18:57:22.8; 1.2, 55.23N; 162.38E, mb4.0/10, mb1 4.2/11, mb 1mx4, 7/16, ML3, 7/11, Error ellipse: s-maj=30.1km

NEIC 24 18:57:29.0; 1.3, 55.22N; 162.54E, h53km, 15km, mb4.5/8, Error ellipse: s-maj=14.2km s-min=8.3km az=161.0

MOS 24 18:57:29.4; 1.1, 55.16N; 162.54E, h75km, mb4.6/6, Error ellipse: s-maj=15.0km s-min=7.9km az=83.3

KRSC 24 18:57:29.0; 0.7, 55.10N; 162.82E, h40km, 5km, ML4.6

ISC 24 18:57:28.7; 0.3, 55.12N; 162.02E, 162.80E; 0.05, h73km, 3km, n87, +112/123, mb4.5/26, 1D, Near east coast of Kamchatka Peninsula

Table with columns for Code, Station Name, Az, ZD, Phase ID, Time, Res, H, m, s, ISC. Includes stations like MKZ Mys Kozlova, MKZ Mys Kozlova, etc.



Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KKAR, ULN, ZAK, HIA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ARCES, DPC, CRES, KSP, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KZA, TKM2, KBK, UCH, etc.

KNET 24 21:14:38.0, 6.1, 95N:76.76E, h15km, 2km, m12.9, Error ellipse: s-maj=4.4km s-min=3.5km az=69.0
NNC 24 21:14:48.5, 2.4, 42.23N:77.46E, mpv2.8, Error ellipse: s-maj=32.4km s-min=9.6km az=161.0

IDC 24 21:31:46.0, 1.1, 14.04N:90.95W, h76km, 7km, mb3.9/7, mb1 4.0/7, mb1mx3.8/14, MS4.1/1, Ms1 4.1/1, ms1mx3.4/12, Error ellipse: s-maj=43.7km s-min=17.3km az=70.0
NEIC 24 21:31:46.4, 0.6, 14.03N:90.69W, mb4.0/2, Error ellipse: s-maj=14.6km s-min=9.6km az=43.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s I SC. Includes stations like IXP, Las Brisas, Terranova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s I SC. Includes stations like LFU, La Fuente, LFRS, El Faro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s I SC. Includes stations like GRF, Grafenberg Arr, GRF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s I SC. Includes stations like ULM, Lac du Bonnet, PDAR, etc.







Table with columns: BRG, SMOL, CLL, etc. and rows listing station names, coordinates, and times. Includes stations like Berggiesshobel, Smolenice, Colim, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes sections for LDG 25:00:05, SURF, PZZ, MDDF, etc.

Table with columns: SBL, SBL, SBL, etc. and rows listing station names, coordinates, and times. Includes stations like San Blas, San Jose, San Cristobal, etc.

BUI 25:01:00:04.5, 1.05S;99.54E, h105km, mb4.7
MOS 25:01:00:05.2, 0.11N;99.26E, h35km, mb4.5/10, Error ellipse: s-maj=44.2km s-min=13.1km az=105.6

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

NEIC 24 23:48:56.4, 4.443N;6.83E, h5km, ML2.2(GEN), ML1.9(STR), ML1.9(LDG), After STR.

LDG 24 23:48:56.2, 0.1, 44.42N;6.75E, h2km, Md1.9/2, Mi1.9/5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

LDG 25:00:05:37.8, 0.5, 44.41N;0.02-6.73E;0.03, h10km;4km, n2S, c0546/46, France

HEL 25:00:20:25.04, 0.6759N;33.98E, ML2.1, ML2.0(BER), ML2.3(NAO), Explosion

NAO 25:00:20:26.12, 2.8, 67.68N;33.81E, ML2.3

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

BUI 25:01:00:04.5, 1.05S;99.54E, h105km, mb4.7
MOS 25:01:00:05.2, 0.11N;99.26E, h35km, mb4.5/10, Error ellipse: s-maj=44.2km s-min=13.1km az=105.6

NEIC 25:01:00:12.8, 2.9, 0.17S;99.59E, h105km;22km, mb4.6/8, Error ellipse: s-maj=34.7km s-min=7.2km az=53.0

DJA 25:01:00:12.9, 0.17S;99.59E, h105km, MB4.6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

IDC 25:01:00:13.6, 5.2, 0.09S;99.65E, h105km;43km, mb4.3/9, mb1 4.3/9, mb1tmx4.2/12, Error ellipse: s-maj=55.0km s-min=16.1km az=50.0

ISC 25:01:00:08.2, 1.3, 0.3S;0.1-1.99SE;0.1, h80km;9km, n80, c0597/71, mb4.6/28, 4C-2D, Southern Sumatra

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

NEIC 25 00:05:37.6, 4.440N;6.75E, h4km, ML2.2(GEN), ML2.1(LDG), ML2.0(STR), After GEN.

STR 25:00:05:37.8, 0.5, 44.42N;6.77E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MEX 25:00:39:11.7, 0.5, 16.70N;91.17W, h238km;28km, MD4.3

CASC 25:00:39:11.6, 1.5, 14.42N;91.78W, h62km;11km, MD4.0

NEIC 25 00:05:37.6, 4.440N;6.75E, h4km, ML2.2(GEN), ML2.1(LDG), ML2.0(STR), After GEN.

STR 25:00:05:37.8, 0.5, 44.42N;6.77E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

25d 4h

Table with columns: NOA, comp, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters for various stations.

TRN 25 01:10:13.7, 19.77N, 62.38W, h57km, MD3.5, M3.7(FDF), 1C, Leeward Islands

Table listing station details for the Leeward Islands region, including station names, frequencies, and coordinates.

NEIC 25 01:30:42.9, 36.74S, 177.29E, h239km, After WEL, WEL 25 01:30:44.0, 36.81S, 177.19E, h236km, 5km, ML4.2/2, 4C, Error ellipse: s-maj=7.5km s-min=4.5km az=0.0, Off east coast of North Island

Large table listing station details for the NEIC region, including station names, frequencies, and coordinates.

PGC 25 01:42:56.1, 66.47N, 142.47W, h10km, ML2.7/2, Eastern Alaska, Northern Alaska

Table listing station details for the PGC region in Eastern Alaska, including station names and frequencies.

IDC 25 02:06:06.8, 3.0, 16.96S, 177.95W, mb4.1/3, mb1.4/4.3, mb1mx3.4/6, Error ellipse: s-maj=171.0km s-min=30.8km az=147.0

NEIC 25 02:07:10.7, 0.5, 17.96S, 178.63W, h650km, mb4.2/9, Error ellipse: s-maj=22.2km s-min=8.8km az=156.0

ISC 25 02:07:09.4, 0.7, 18.0S, 0.2, 178.7W, 0.1, h650km, n18, 0.557/18, mb4.1/13, 1D, Fiji Islands region

Table listing station details for the ISC region in the Fiji Islands, including station names and frequencies.

2004 JAN

Table listing station details for the 2004 JAN period, including station names, frequencies, and coordinates.

IDC 25 03:04:07.5, 2.1, 4.90S, 147.24E, mb3.5/3, mb1.3/8/3, mb1mx3.7/6, Error ellipse: s-maj=85.9km s-min=32.7km az=113.0

NEIC 25 03:04:24.9, 1.7, 5.27S, 147.21E, h150km, 16km, mb4.0/3, Error ellipse: s-maj=35.9km s-min=17.5km az=126.0

ISC 25 03:04:24.1, 2.3, 5.25, 0.2, 147.1E, 0.3, h153km, 22km, n9, 0.584/9, mb3.4/4, Eastern New Guinea region

Table listing station details for the ISC region in Eastern New Guinea, including station names and frequencies.

KRSC 25 03:08:25.3, 0.6, 55.92N, 161.21E, h108km, 2km, ML3.9, Near east coast of Kamchatka Peninsula

Large table listing station details for the KRSC region in Kamchatka, including station names and frequencies.

DJA 25 03:15:31.3, 1.0, 1.78S, 119.57E, h33km, MD4.4/3, ML4.0/3, 5C-1D, Error ellipse: s-maj=27.1km s-min=22.5km az=87.0, Sulawesi

Table listing station details for the DJA region in Sulawesi, including station names and frequencies.

SKHL 25 03:23:05.7, 0.1, 54.31N, 142.98E, h12km, 2km, Mbv3.8/3, Sakhalin Island

Table listing station details for the SKHL region in Sakhalin Island, including station names and frequencies.

IDC 25 03:44:05.2, 1.8, 23.57N, 122.33E, mb3.8/5, mb1.4/0.5, mb1mx3.8/13, Error ellipse: s-maj=168.0km s-min=28.4km az=64.0

TAP 25 03:44:10.3, 23.07N, 121.37E, h19km, 1km, ML4.4

JMA 25 03:44:11.6, 0.4, 23.04N, 121.54E, h78km

NEIC 25 03:44:12.6, 1.6, 23.67N, 122.81E, h63km, 14km, mb4.3/1, Error ellipse: s-maj=28.4km s-min=12.2km az=55.0

NEIC Recorded [3 TAP] in Tai-tung and [1 TAP] in Hua-lien, I-lan, Nan-tou, Ping-tung and Yun-lin Counties.

BUI 25 03:44:22.0, 23.61N, 120.36E, h19km, ML3.9

ISC 25 03:44:09.4, 0.3, 23.02N, 0.02, 121.51E, 0.02, h19km, n72, 0.1504/104, mb3.8/5, 9C-3D, Taiwan

Table listing station details for the ISC region in Taiwan, including station names and frequencies.

514

Large table listing station details for the 514 region, including station names, frequencies, and coordinates.

IDC 25 04:02:15.2, 24.0, 60.12N, 143.33W, mb3.7/2, mb1.3/7.5, mb1mx3.5/16, ML3.3/3, Error ellipse: s-maj=73.0km s-min=45.6km az=176.0

NEIC 25 04:02:19.8, 60.36N, 143.01W, h1km, ML3.3(AEIC), After AEIC

PGC 25 04:02:22.3, 60.44N, 142.68W, h10km, ML3.3/3, Chugach Mountains, Alaska

ISC 25 04:02:18.1, 0.3, 60.47N, 0.03, 142.96W, 0.05, h1km, n48, 0.115/59, mb3.9/2, Southern Alaska

Large table listing station details for the ISC region in Southern Alaska, including station names and frequencies.

Table with columns: INK, Inuvik, 8.86 23 Pn, 0.4 04 29.6 -0.6, etc.

NEIC 25 04:47:06.0.2.51.57Nk:16.08E, h5km, ML4.1(STR), ML3.8(SZGRF), ML3.8(VIE), ML3.4(BRG), Error ellipse: s-maj=3.7km s-min=3.1km az=114.0

BGR 25 04:47:06.6.0.6.51.50Nk:16.18E, h1km, ML3.8/8, Error ellipse: s-maj=7.8km s-min=5.6km az=166.0

LDG 25 04:47:06.0.3.51.83Nk:16.08E, h1km, ML3.8/13, Error ellipse: s-maj=10.2km s-min=4.2km az=161.0, Suspected Mining Induced.

PRU 25 04:47:07.2.51.52Nk:16.19E, Fell In Harrachov, IDC 25 04:47:07.5.0.7.51.49Nk:16.09E, mb3.8/5, mb1 3.9/12, mb1mx3.8/18, ML3.6/7, Error ellipse: s-maj=18.1km s-min=8.5km az=103.0

WAR 25 04:47:08.51.48Nk:16.10E, ML3.6, Mining Induced, STR 25 04:47:14.7.1.51.20Nk:15.27E, h5km, ML4.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 25 04:47:04.2.0.2.51.55Nk:0.01x16.07E, s=0.02, n113, r=143/214, mb2.8/5, 10C-20, Poland

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

Main table with columns: MOA, Molln, 3.89 198 Pn, 0.4 08 07.6 +1.1, etc.

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

ellipse: s-maj=6.0km s-min=2.4km az=160.0, Suspected Mining Induced, IDC 25 05:10:33.3.0.7.51.51Nk:16.05E, mb3.7/6, mb1 4.0/13, mb1mx3.9/18, ML3.8/7, Error ellipse: s-maj=18.5km s-min=8.0km az=104.0

WAR 25 05:10:34.4.51.48Nk:16.10E, ML3.7, Mining Induced, STR 25 05:10:49.9.0.4.51.30Nk:14.24E, h10km, 1km, ML3.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 25 05:10:30.0.2.51.59Nk:0.01x16.04E, s=0.02, n130, r=147/242, mb3.8/6, 12C-3D, Poland

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

NEIC 25 05:10:32.6.0.2.51.59Nk:16.09E, h5km, ML4.0(SZGRF), ML4.0(VIE), ML3.9(STR), ML3.7(BRG), Error ellipse: s-maj=3.9km s-min=3.0km az=108.0

BGR 25 05:10:32.5.0.6.51.51Nk:16.18E, h1km, ML4.0/8, Error ellipse: s-maj=7.8km s-min=4.4km az=163.0

PRU 25 05:10:33.5.51.51Nk:16.18E, Fell In Harrachov, LDG 25 05:10:33.0.2.51.82Nk:16.02E, h1km, ML4.1/17, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUW, Suwalki, PERNE, Tromm, GRO, Grobnik, WTTA, Wattenberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urewera, MZG, Naungauk, CNZ, Chateau, WZK, Wakapapa, TUZV, Tukino, PUK, Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK, Inuvik, FINES, FINESS Array B, YKA, Yellowknife Ar, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SSE, SSE, AB31, ARU, ARU, etc.

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

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

Vertical text at the bottom of the page containing station codes and names like JGS, JGS, JGS, etc.



Table containing station data with columns for code, station name, time, and other parameters. Includes stations like MAW, BRV, CHZK, ZRNK, KBD, etc.

Table containing station data for the year 2000, including stations like YKA, NISM, WYOR, FRB, MSO, MCM, etc.

Table containing station data for the last 25 days of the month, including stations like EPOB, EJON, EJON, SJPJ, ERTA, etc.

Table listing station data for 25d 11h, including station names, coordinates, and various parameters.

MW6.7, Error ellipse: s-maj=3.6km s-min=2.0km az=123.0
Broadband fault plane solution: P waves. NP1:phi=20.0;delta=1.80. NP2:delta=219.0;delta=831.0;lambda=1.107. Principal axes: T P1;T3;T2;
Azim265.0; N P1;T0; Azim0.0; P P1;T4. Azim117.0; Moment Tensor Solution. s68 Moment tensor: Scale 10^19 Nm;
M=0.00; M=0.00; M=0.00; M=0.00; M=0.00; M=0.00;
Best double couple: Mo.1.1x10^19 NP1:phi=244.0;delta=830.0;lambda=1.137.
NP2:delta=13.0;delta=767.0;lambda=1.18. Principal axes: T 1.18, P1;T5;
Azim251.0; N -13, P1;T2; Azim21.0; P -1.06, P1;T2;
Azim120.0; Depth from synthetics of broadband displacement seismograms. Energy computed from BB (reduced).

NEIC Felt in the Vava'u Group.
HRV25 11:43:11.9.0.1, 16.75S;173.79W,h143km,MW6.6/80,
Centroid moment Tensor Solution. LP body waves:
s80.c225:Mantle waves: s78.c180; Half duration: 5s1
Moment tensor: Scale 10^19Nm; M=0.61x10.1;
M=0.04x1.01; M=0.14x0.1; M=0.08x0.1; M=0.06;
M=0.01; Best double couple: Mo.1.14x10^19 NP1:phi=262.0;
delta=0.0;lambda=1.148. NP2:delta=18.0;delta=870.0;lambda=1.55. Principal axes: T 1.22,
P1;T5; Azim274.0; N -16, P1;T3; Azim32.0; P -1.06, P1;T6;
Azim134.0; Azim21 refers to body waves, cutoff=50s. nstaz

refers to mantle waves, cutoff=125s.
SYO 25 11:43:11.9.0.1, 16.83S;174.02W,h130km,MB6.4
BUJ 25 11:43:11.2.15.93S;174.08W,h114km,mb6.8,mb6.2
IDC 25 11:43:12.4.0.5, 16.84S;174.14W,h135km,3km,mb5.9/18,
mb1.5/9/18,mb1mx5/9/18,MS5.9/11,Ms1.5/9/11,
ms1mx2.0/6. Error ellipse: s-maj=13.7km s-min=11.9km
az=132.0

ORF 25 11:43:15.0.8.60S;175.64W,h30km,mb7.4
ISC 25 11:43:10.4.0.1, 16.85S;174.17W,0.02,h130km,
h130km,6km;pP,p1386,c1501/585,mb6.3/155,
416C-42D,Tonga Islands

Table listing station data for NEIC, including station names, coordinates, and various parameters.

Table listing station data for 25d 11h, including station names, coordinates, and various parameters.

IDC 25 11:01:17.0.0.31.0, 43.83N;149.85E,h42km,8km,mb3.8/4,
mb1.3/9/4,mb1mx3.4/14, Error ellipse: s-maj=715.0km
s-min=57.3km az=156.0, East of Kuril Islands

Table listing station data for IDC 25 11:01:17.0.0.31.0, including station names, coordinates, and various parameters.

IGL 25 11:42:46.8, 16.40S;174.20W,h2km,MS6.2
NIC 25 11:43:01.0.0.1, 16.40S;174.17W,h33km,Tonga Islands
394 km SW Apia.
MOS 25 11:43:09.8.1.0, 16.65S;174.28W,h119km,mb6.4/46,
MS5.9/15, Error ellipse: s-maj=9.1km s-min=6.0km
az=61.3
NEIC 25 11:43:11.9.0.1, 16.83S;174.20W,mb6.4/109,ME6.6,

Table listing station data for IDC 25 11:01:17.0.0.31.0, including station names, coordinates, and various parameters.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MVU, MSU, MSJ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TXAR, Lajitas Array, Paradox Valley, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ILAR, BOZ, IMA, LKQW, etc.



Table of station data for the left column, including call signs like FRB, HUMP, BHPL, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including call signs like ARCES, TRO, VAN, etc., and their associated coordinates and parameters.

Table of station data for the right column, including call signs like KONO, IZAR, ISAL, etc., and their associated coordinates and parameters.

2525 2004 JAN 25d 11h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Batman 142.22 311 eP, DLF Lyons Farm 142.36 12 eP, and many others.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Dobruska-Polom 145.53 348 ePKP, Miradouro 145.62 46 ePKP, and many others.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like KHC 142.03 11.9 e, Modra-Piesok 147.19 346 i/PKP, and many others.

Table with columns for location, coordinates, and status. Includes entries like ORLT Orhanelli, DRGI Dragot, SBTI Base-Blauen, etc.

Table with columns for location, coordinates, and status. Includes entries like AYVA Ayvalik, PLE Plevja, ORO Orpa, etc.

Table with columns for location, coordinates, and status. Includes entries like VIEF View, RING La Moure, LMR Penteli, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like LVI, MCT, CRJA, MEU, etc.

ISC 25 11:58:49.14, 1.32, 47S, 0.08x, 179.3W, 0.3, h6km, m23km, n11, c081/12, mb4.5/4, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like PUZ, WZC, URZ, etc.

NEIC 25 12:04:29.1, 32.32S, 70.94W, h68km, MD3.4(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like PTCH, JACH, PACH, etc.

HEL 25 12:16:16.8-0.1, 67.08N-20.87E, ML2.0, ML1.7(BER), ML2.2(NAO), Explosion

NAO 25 12:16:16.3-2.9, 67.15N-20.66E, ML2.2

ISC 25 12:16:16.9-0.9, 67.11N-20.95E, mb1 3.2/4, mb1mx3.1/13, ML2.4/4, Error ellipse: s-maj=21.1km s-min=7.4km az=112.0

BER 25 12:16:18.2-3.8, 67.09N-20.79E, ML1.7, ML2.2(NAO), Suspected explosion

ISC 25 12:16:14.1-0.4, 67.05N-0.03-20.71E-0.07, n25, c1931/39, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like KIF, KTK1, KTK1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like MSF, KEV, KEV, etc.

MAN 25 12:29:16.7, 10.75N-126.40E, h11km, mb4.7, ML3.6, MS3.5

NEIC 25 12:29:49.0-7.9, 7.77N, 123.90E, h300km, mb3.8/2, Error ellipse: s-maj=56.8km s-min=14.7km az=73.0

IDC 25 12:29:51.3-9.4, 9.68N, 123.78E, h31km, mb3.4/6, mb1 3.6/6, mb1mx3.3/13, Error ellipse: s-maj=66.9km s-min=17.6km az=63.0

ISC 25 12:29:17.9-1.6, 10.88N-0.07-126.4E-0.1, h39km, 15km, n21, c102/24, mb4.1/7, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like BESP, PLP, MSLP, etc.

IDC 25 12:38:18.5-9.9, 7.79N, 126.50E, h88km, 89km, mb3.9/8, mb1 3.9/8, mb1mx3.9/15, Error ellipse: s-maj=49.8km s-min=21.3km az=85.0

NEIC 25 12:38:19.4-0.4, 7.80N-126.60E, h100km, mb3.9/3, Error ellipse: s-maj=23.0km s-min=8.2km az=72.0

ISC 25 12:38:13.1-0.9, 7.86N, 126.76E-0.07, h55km, 8km, n31, c115/37, mb4.1/11, 3C-4D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like BIPH, BIFP, KCP, etc.

MOS 25 12:44:00.2-4, 49.97N-87.54E, h10km, mb4.3/1, Error ellipse: s-maj=19.3km s-min=11.4km az=107.6

NNC 25 12:44:01.2-1.2, 49.96N-87.81E, h33km, mpv3.7, Error ellipse: s-maj=10.6km s-min=8.3km az=58.0

ISC 25 12:44:02.0-0.8, 50.13N-0.06-87.28E-0.07, h10km, n15, c1507/25, 9C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like WRAB, ASAR, ASAJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Phase ID, Time, Residual, and other parameters. Includes stations like UKR, TASN, TASN, etc.

TIF 25 13:18:06.7, 42.15N-46.60E, h17km, Mpv3.8

MOS 25 13:18:07.6-1.3, 41.39N-46.60E, h18km, mb3.9/1, Error ellipse: s-maj=15.5km s-min=3.2km az=76.2

ISC 25 13:18:08.0-0.8, 41.37N-0.04-46.72E-0.04, h20km, 7km, n16, c1909/31, 2C-4D, Eastern Caucasus

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

BTLR 25 13:34:58.1, 36.59N-10.95W, After MDD

MDD 25 13:34:58.3-2.0, 36.62N-10.94W, mb3.8/6, Error ellipse: s-maj=17.3km s-min=12.4km az=64.0, PRXIM0

INMG 25 13:34:59.4-0.7, 36.57N-10.92W, h10km, ML2.1, Error ellipse: s-maj=4.9km s-min=3.1km az=69.0

ISC 25 13:34:60.0-1.2, 36.84N-0.05-10.74W-0.08, h10km, n34, c137/59, Azores-Cape St. Vincent Ridge

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

ISC 25 13:34:58.1, 36.59N-10.95W, After MDD

MDD 25 13:34:58.3-2.0, 36.62N-10.94W, mb3.8/6, Error ellipse: s-maj=17.3km s-min=12.4km az=64.0, PRXIM0

INMG 25 13:34:59.4-0.7, 36.57N-10.92W, h10km, ML2.1, Error ellipse: s-maj=4.9km s-min=3.1km az=69.0

ISC 25 13:34:60.0-1.2, 36.84N-0.05-10.74W-0.08, h10km, n34, c137/59, Azores-Cape St. Vincent Ridge

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Castelo Branco, Jimena Fronter, Jimena Fronter, etc.

IDC 25 13:47:13.8.1, 2.49.64Sx116.04E, mb4.3/1, mb1 4.5/1, mb1mx4.2/4, Error ellipse: s-maj=85.0km s-min=45.7km az=136.0

NEIC 25 13:47:15.0.2.49.70Sx115.98E, h10km, mb4.5/5, Error ellipse: s-maj=15.9km s-min=7.8km az=114.0

SYO 25 13:47:15.4.49.70Sx115.98E, h10km, MB4.5 BUI 25 13:47:17.4.49.70Sx116.00E, h10km, mb4.6

ISC 25 13:47:14.2.0.5.49.82Sx108.116.3E, 2.1, h10km, n55, o1909/25, mb4.7/17, 3C-1D, Western Indian-Antarctic Ridge

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Narrogin (SRO), Stephens Creek, ASPA Alice Springs, etc.

NIED 25 14:10:00.43.20N, 145.60E, h77km, Mw4.2 Best double couple: M2.35x1015 NP1.0x299, s82, lambda-131. NP2: o200, s41, lambda-12.

NEIC 25 14:10:54.9.1.6.43.31N, 145.56E, h45km, 19km, Error ellipse: s-maj=21.1km s-min=12.3km az=147.0

NEIC Recorded [1 JMA] in eastern Hokkaido

MOS 25 14:10:55.3.1.5.43.32N, 145.62E, h69km, mb4.0/5, Error ellipse: s-maj=34.7km s-min=19.4km az=108.8

JMA 25 14:10:55.7.0.1.43.17N, 145.62E, h52km, 1km, M4.2 JMA Felt 1 J1.

IDC 25 14:10:58.8.3.5.43.29N, 145.47E, h81km, 30km, mb3.5/6, mb1 3.9/7, mb1mx3.6/14, Error ellipse: s-maj=29.0km s-min=21.8km az=113.0

ISC 25 14:10:53.8.0.6.43.13N, 0.05, 145.68E, 0.07, h61km, 5km, n30, o988/42, mb3.8/6, 5C-3D, Hokkaido region

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Nemuro 2, Akkeshi, Nakash, Rausu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Bricherasio, Lomont, Bourrignon, Balsthal, etc.

DHRM 25 14:19:26.4.1.0.13.87N, 44.96E, h12km, 18km, MD3.5, 5C-2D, Western Arabian Peninsula

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

IDC 25 14:50:16.3.0.9.10.76Sx165.96E, mb4.4/5, mb1 4.5/5, mb1mx4.4/10, Error ellipse: s-maj=39.5km s-min=23.8km az=98.0

NEIC 25 14:50:24.1.8.0.10.84Sx165.99E, h57km, 70km, mb4.2/4, Error ellipse: s-maj=25.7km s-min=14.1km az=211.0

ISC 25 14:50:19.0.8.10.95S, 0.1, 166.0E, 0.1, h33km, n13, o861/11, mb4.3/9, Santa Cruz Islands

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Urewera, Warramunga Arr, Kakadu, etc.

FUNUV 25 14:54:06.0.10.71N, 61.48W, h52km, Mw2.3 TRN 25 14:54:08.2.10.69N, 61.57W, h35km, MD2.2

ISC 25 14:54:05.9.0.7.10.60N, 0.04, 61.67W, 0.04, h74km, 7km, n15, o101/29, 1C-1D, Trinidad

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Chacachacare, Trinidad (W), Pointe-a-Pierre, etc.



Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PMR Palmer, PV10 Paradox Valley, PVO1 Paradox Valley, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PET comp=E,528nm,15.2s, SPITS Spitsbergen Ar, YAK Yakutsk, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SVE comp=N,500nm,15.0s,MS5.0, SVE comp=E,200nm,15.0s,MS5.0, etc.

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Makanchi Array, Akbulak array, Gaotai, Urumqi, etc.

NEIC 25 15:35:26.0, 49.18N, 127.96W, h10km, mb4.3/7, ML3.9(PGC), After PGC.

BUJ 25 15:35:26.0, 49.20N, 128.00W, h10km, mb4.7, Ms4.7, Ms2.6

PGC 25 15:35:26.0, 49.18N, 127.96W, h10km, MLsn3.9/1, West of Vancouver Island, British Columbia

IDC 25 15:35:29.0, 4.8, 49.57N, 127.50W, mb4.1/1, mb1 4.0/7, mb1mx3.9/19, ML3.6/6, MS4.1/8, Ms1 4.0/8, ms1mx3.9/19, Error ellipse: s-maj=79.8km s-min=23.8km az=45.0

ISC 25 15:35:27.2, 0.3, 49.39N, 0.02, 127.67W, 0.04, h10km, n108, s1928/126, mb4.6/7, MS4.2/4, 3C-4D, Vancouver Island region

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Eliza Dome, Estevan Point, Brooks Peninsula, Woss, etc.

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Texada, Port Renfrew, Sealight, Mount Lazard, Galiano Island, etc.

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Otavalo, Mudanjiang, Changchun, Hu-ho-hao-te, Urumqi, etc.

25d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLLB, BNB, HOPB, RPW, BNB, MBOCB, LON, VIB, RUBB, PNT, FSB, NDB, NEW, DLBC, WCN, PDAR, YKA, YKWK, FCC, ILAR, SDCO, ULM, FCC, FX1.

IDC 25 17:11:35.0,3,0,38.27N,21.69E,mb3.6/7,mb1 3.7/9, mb1mx3.7/17,ML3.1/2, Error ellipse: s-maj=60.2km s-min=30.6km az=27.0

THE 25 17:11:35.4,7,38.98N,21.69E,h10km,ML3.5, ML3.5(ATH), After ATH.

ATH 25 17:11:36.7,38.27N,21.59E,h5km,MD3.7/13,ML3.6, ISK 25 17:11:36.0,4,38.08N,21.58E,0.03,h5km,n41, alpha1553/53,mb3.5/7,Green

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLS, VLS, EVR, ITM, LKD, AGG, JAN, ATH, VLI, IGT, NEOR, XOR, PTL, AOS, LIT, KEK, KYTH, KZN, FNA, PLG, OUR, GRG, SOH, KNT, VAM, SRS, SKO, MGR, SLCN, STON, CSSN, MLR, GERES, HFS, FINES, NOA, MKAR, ZAL, YKA, ILAR.

IDC 25 17:16:39.6,1.7,2.68S,129.23E,mb3.6/3,mb1 3.9/3, az=93.0

ISC 25 17:16:43.4,1.3,2.7S,0.1,138.8E,0.3,h33km,n7,0996/7, mb3.6/3,Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, WB2, FITZ, ASAR.

2004 JAN

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

IDC 25 17:25:06.8,11.0,18.61S,167.65E,mb3.7/2,mb1 3.9/2, mb1mx3.9/5, Error ellipse: s-maj=621.0km s-min=42.6km az=146.0, Vanuatu Islands

NEIC 25 17:42:17.1,36.21N,27.44E,h14km,MD3.3(ATH), After ATH.

ATH 25 17:42:17.1,36.21N,27.44E,h14km,MD3.3/4, ISK 25 17:42:23.3,36.39N,27.81E,h10km,MD3.2

ISC 25 17:42:17.6,1.1,36.10N,0.0,42.79E,0.06,h3km,9gkm, n12, alpha1918/3,3C,Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARG, KARP, BDRM, MLBS, AYDN, AYDN, NPS, XRY, DNZL, DNZL, ENL, DENT, DENT, MANT.

BUI 25 17:54:31.1,22.51N,100.71E,h15km,ML3.8,M3.9, Ms23.6

ISC 25 17:54:26.3,1.2,22.60N,0.0,8,100.8E,0.2,h15km,n5, alpha1519/9, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHRT, KMI, KMI, NANT, NANT, CHANG, BDT.

NEIC 25 18:00:53.7,45.40S,167.32E,h11km, After WEL.

WEL 25 18:00:53.0,3,45.44S,167.16E,h104km,1km,ML3.7E, 1C-1D, Error ellipse: s-maj=2.5km s-min=1.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DCZ, DCZ, WHZ, WHZ, MLZ, MLZ, MSL, MSL, AXZ, TUZ, TUZ, ODZ, ODZ, ODZ, RPZ, RPZ, LTZ, DSZ, DSZ, DSZ, GRZ, GRZ.

IDC 25 18:14:43.6,3.0,49.30S,115.74E,mb3.9/1,mb1 4.1/1, mb1mx3.9/4, Error ellipse: s-maj=252.0km s-min=61.8km az=117.0

NEIC 25 18:14:45.0,9,49.77S,116.44E,h10km,mb4.0/1, Error ellipse: s-maj=43.8km s-min=15.9km az=102.0

ISC 25 18:14:41.5,1.5,49.5S,0.2,115.5E,0.6,h10km,n14, alpha417/1,mb3.8/2, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWA0, STKA, ASAR, WB2, WRAP, VANDA, SNAA, OELN, DPW, BOZ, PDAR, ISCO, YKA, YKA.

MDD 25 18:58:06.5,4.0,36.90N,12.57W,mb3.6/4, Error ellipse: s-maj=30.2km s-min=22.8km az=74.0, PRXIMO

ISC 25 18:58:08.1,2.4,37.06N,0.0,12.3W,0.1,h10km,n13, alpha1930/17, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTEO, EGRO, EGRO, PALC, PALC, PALC, EMIN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMIN, ESPR, ESPR, EJIF, ELOB, EADA, EADA, EMAZ, ECAL.

IDC 25 19:19:32.6,2.2,38.23N,21.45E,mb3.6/7,mb1 3.7/9, mb1mx3.6/16,ML3.0/2, Error ellipse: s-maj=43.9km s-min=33.6km az=30.0

NEIC 25 19:19:35.0,38.25N,21.58E,h12km,ML3.5(ATH), ML3.4(TH), After ATH.

THE 25 19:19:35.2,38.04N,21.70E,h5km,ML3.4, ATH 25 19:19:35.0,38.25N,21.58E,h12km,7km,MD3.6/11, ML3.5

ISC 25 19:19:34.7,0.5,38.16N,0.0,42.16E,0.04,h12km,n42, alpha1555/46,mb3.5/7,Green

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVR, VLS, LKD, LKD, ITM, AGG, AGG, AEO, ATH, XGT, IOR, PTL, VLI, AOS, LIT.

LIT Kerkira 2.11 318 eSn Sn 19 20 39.7 +4.5

KZN Kozani 2.15 3 ePg Pn 19 20 14.1 -3.6

KYTH Kithira 2.18 149 ePg Pn 19 20 17.8 -0.6

KBN Korca 2.55 345 ePg Pn 19 20 11.0 -5.6

PLG Polygyros 2.62 32 ePb Pn 19 20 17.9 -3.3

FNA Florina 2.63 356 ePb Pn 19 20 19.1 +1.4

OUR Ouranopolis 2.84 39 ePn Pn 19 20 22.1 +1.3

GRG Griva 2.86 12 ePb Pn 19 20 10.1 +0.9

KNT Kendrickon 3.15 18 ePn Pn 19 20 27.0 +1.8

SRS Serrai 3.32 26 ePn Pn 19 20 28.7 +1.1

TIR Tirane 3.46 337 ePn Sn 19 20 35.5 +5.3

MMB Musomiste 3.75 25 iP Pn 19 20 35.0 +1.3

VTS Vitohsa 4.59 15 P Pn 19 20 46.5 +0.9

MGR Morigerati 5.12 295 ePn Pn 19 20 53.8 +0.6

SLCN Sala Consilina 5.16 297 ePn Pn 19 20 54.5 +0.8

MLR Mujo Lucano 5.42 301 ePn Pn 19 20 57.8 +0.5

CSSN Cassano Irpino 5.78 300 ePn Pn 19 21 02.8 +0.4

SGG Gregorio Mates 6.45 302 ePn Pn 19 21 12.6 +0.7

MLR Muntele Rosu 8.00 22 Pn Pn 19 21 31.9 -1.7

GERES GERESS Array B 12.13 334 Pn Pn 19 22 26.5 -3.7

HFS Hagerfoss 22.57 350 P Pn 19 24 33.6 -2.2

FINES FINES Array B 23.48 5 Pn Pn 19 24 42.2 -2.5

FINES FINES Array B 23.48 5 Pn Pn 19 24 42.2 -2.5

FINES FINES Array B 23.48 5 Pn Pn 19 24 42.2 -2.5

FINES FINES Array B 23.48 5 Pn Pn 19 24 42.2 -2.5

ARCES ARCES Array B 31.51 3 P Pn 19 25 54.9 -3.4

MKAR Makanchi Array 44.56 59 Pn Pn 19 27 46.8 -1.3

YKA Yellowknife Ar 73.71 340 P Pn 19 31 06.6 -3.0

YKA Yellowknife Ar 73.71 340 P Pn 19 31 22.4 -2.0

BUI 25 19:23:50.2,29.56N,115.56E,h16km,ML4.0,1C, Southeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHN, WHN, WHN, WHN, NJ2, NJ2, NJ2, NJ2, SSE, SSS, SSS, SSE, XIAN, XAN, XAN, XAN.

MOS 25 19:46:26.5,2.0,53.02N,128.79E,h10km,mb4.7/4, Error ellipse: s-maj=11.9km s-min=8.4km az=100.4

MOS Felt (II-III) at Zeya

IDC 25 19:46:26.7,1.2,53.11N,129.16E,mb3.9/8,mb1 4.1/8, mb1mx3.9/16,MS3.9/M3.3,3.9,ms1mx3.7/19, Error ellipse: s-maj=21.2km s-min=22.5km az=167.0

NEIC 25 19:46:28.0,2.6,53.08N,129.07E,h10km,mb4.0/2, Error ellipse: s-maj=11.4km s-min=9.2km az=98.0

NEIC Felt (III) at Zeya

SKHL 25 19:46:29.0,3.5,53.14N,128.89E,h9km,1km,mb4.8/7, Felt (III-V) at Oktyabrski, (III) at Yasnii, (II-III) at Zeya

BUI 25 19:46:31.0,52.64N,118.81E,h10km,mb4.5/4, ML4.9,Ms4.4,Ms2.1

ISC 25 19:46:27.4,0.3,53.19N,0.0,128.88E,0.04,h9km,n68, alpha1928/22,mb4.2/19,MS3.9/12,2C-2D,Southeastern Siberia

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



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like KAKA, LSA, ULN, etc.

BUJ 25 21:20:51.3, 49.56N, 156.14E, h75km, mb4.9, mb4.8, Ms4.4, Ms4.2
SKHL 25 21:20:51.7, 49.60N, 155.90E, h25km, mb5.2/8, msh5.1/3, msh5.2/2
NEIC 25 21:20:52.4, 0.2, 49.57N, 155.71E, mb4.9/6.4, Error ellipse: s-maj=6.5km s-min=4.1km az=160.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like SKR, SKL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like PET, SPN, KUR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CLNS, CN2, HIA, etc.



Table of astronomical observations for 2004 JAN, columns include station name, coordinates, and observation details.

Table of astronomical observations for 2004 JAN, columns include station name, coordinates, and observation details.

Table of astronomical observations for 2004 JAN, columns include station name, coordinates, and observation details.

MEX 25:21:37:55.2±0.7, 19:05N×105.38W, h15km, MD3.7, 2C. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MOS 25:21:48:05.2±1.9, 41.69N×48.54E, h18km, mb3.7/1, Error ellipse: s-maj=28.6km s-min=18.3km az=39.9, Eastern Caucasus. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

LGD 25:21:55:46.9±0.2, 44.70N×7.43E, h2km, Md2.3/2, MI2.3/6, Error ellipse: s-maj=3.3km s-min=1.5km az=68.0. NEIC 25:21:55:47.7, 44.70N×7.35E, h18km, ML2.6(GEN), ML2.3(LDG), ML2.0(STR), After GEN. STR 25:21:55:48.0±0.2, 44.62N×7.34E, h5km, 1km, MI2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. ISC 25:21:55:47.4±0.3, 44.70N×0.02-7.38E±0.03, h16km±7km, n31, 09/58/59, Northern Italy.

Table of astronomical observations for 2004 JAN, columns include station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Plan Castagno, Imperia, Negi, La Plagne, etc.

BUJ 25 22:14:00.2, 5.55Sx147.19E, h255km, mb5.0, mb4.7
MOS 25 22:14:00.7, 0.8, 5.36S; 146.78E, h236km, mb5.0/11, Error ellipse: s-maj=14.5km s-min=7.5km az=91.0
NEIC 25 22:14:01.5, 0.2, 5.36S; 146.79E, mb5.0/29, Error ellipse: s-maj=7.9km s-min=4.7km az=106.0
SYO 25 22:14:01.5, 5.36S; 146.79E, h230km, MB5.0
HRVD 25 22:14:01.5, 0.6, 5.45S; 147.01E, h232km, 4km, MW5.2/59, Centroidal moment Tensor Solution. LP body waves: s23, c27, Mantle waves: s59, c97; Half duration: 190
Moment tensor: Scale 10^17Nm; M1: 0.10; 0.4; M2: -0.67; 0.3; M3: 0.57; 0.4; M4: 0.21; 0.3; M5: -0.35; 0.4; M6: -0.39; 0.4; Best double couple: M: 84; 107; NP1: 0; 214; 664; 115; NP2: 117; 876; 1153; Principal axes: T: 9, Plg29; Azm73; N: -12, Plg60; Azm272; P: -78, Plg8; Azm168; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
IDC 25 22:14:03.8, 0.9, 5.31S; 146.82E, h253km, 7km, mb4.2/10, mb1.4, 3/10, mb1mx4, 3/12 Error ellipse: s-maj=18.8km s-min=10.6km az=89.0
ISC 25 22:14:00.9, 0.2, 5.40S; 0.03, 146.76E, 0.4, h237km, h237km, 5.4km; pp-P, n140, 0.690/128, mb4.7/56, 5C-11D, Eastern New Guinea region

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Port Moresby, Rabaul, Charters Tower, etc.

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RAR, CD2, LZH, HIA, HIA, SHL, GHT, FX1, SMY, PPT, PAE, ULN, ULN, ULN, TIAR, TVO, LSA, LSA, LSA, LSA, TBI, PMOR, MA2, MA2, MA2, ADK, ADK, ADK, JIRN, ZAK, GUN, KKN, DMN, SEY, SEY, SEY, SEY, BOD, GKN, MOY, KOLN, WMQ, WMQ, WMQ, VNA, VNA, VNA, SDN, BILL, BILL, BILL, MKAR, MKAR, MKAR, RKT, ZAL, ZAL, KSH, KSH, KSH, KSH, KSH, KSH, KSH, NVS, NVS, NVS, NVS, SVW, KURK, KURK, PMR, PMR, PMR, IMA, IMA, IMA, SML, KKR, KKR, KKR, MCK, MCK, MCK, DIV, TOA, TOA, TOA, GSPA, COLA, COLA, COLA, ILAR, ILAR, ILAR, BVAR, BVAR, BVAR, BVAR, TCF, TCF, TCF, TCF

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CHKZ, CHKZ, CHKZ, BRVK, BRVK, BRVK, ZRNK, ZRNK, ZRNK, SYO, SYO, INK, RMW, WCN, MTUM, WVOR, DPW, YKA, YKA, YKA, YKA, HWUT, PDAR, PDAR, FINES, FINES, FINES, FINES, MIAR, CLL, GERES, GERES, GERES, SCHO, SCHO, DAVOX, OTAV, ROSC, LPAZ, LPAZ, LPAZ, CPUP, CPUP, CPUP, MAGUAYO, MAGUAYO, MAGUAYO, MAGUAYO, MAGUAYO, TIC, LIC, LIC, LIC

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like NEIC 25 22:14:34.4, BNS 25 22:14:35.1, LDG 25 22:14:35.1, BGR 25 22:14:36.0, ISC 25 22:14:32.9, Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Bochim-Univer, Bochim-Univer, Winterswijk, Winterswijk, Bensberg, Bensberg, Heimgroeven, Heimgroeven, Kalitalsperre, Kalitalsperre, Steinbach, Steinbach, Ibbensburen, Ibbensburen, Givet, Givet, Taunus Mts, Taunus Mts, Taunus Mts, WLF, WLF, BAIF, BAIF, BAIF, BAIF, CDF, CDF, MEZF, MEZF, SFTF, SFTF, SFTF, SFTF, CLL, CLL, LOR, LOR, LOR, LOR, SSF, SSF, SSF, CABF, CABF, CABF, CABF, BGF, BGF, TCF, TCF, TCF, TCF

WEL 25 22:58.2.0.6, 37.88S-176.55E, h162km, 4km, ML3.6/3, 1C, Error ellipse: s-maj=4.2km s-min=3.9km az=0.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like MARZ, LFRZ, TARZ, etc.

NEIC 25 22:36:35.5, 44.08N-8.56E, h5km, ML2.5(GEN), M2.3(LDG), M2.2(STR), After GENL.

LDG 25 22:36:35.7, 0.7, 44.08N-8.52E, h3km, Md2.3, M2.3/7, Error ellipse: s-maj=10.3km s-min=6.2km az=100.0, STR 25 22:36:36.3, 0.4, 44.11N-8.54E, h5km, 1km, M2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 25 22:36:35.0-0.5, 44.11N-0.03-8.54E, 0.03, h11km, 3km, n33, r1503/57, 1D, Northern Italy

Main station list table for the first section, including stations like FIN, GENL, IMI, etc.

NEIC 25 23:37:04.8, 1.6, 17.17Sx70.39W, h133km, 12km, mb4.9/4, Error ellipse: s-maj=22.3km s-min=10.9km az=58.0

NEIC Felt [I] at Mogueua and Tazara

IDC 25 23:37:04.0, 6.1, 17.01S, 70.66W, h119km, 96km, mb4.1/5, mb1 4.2/7, mb1mx4.1/12, Error ellipse: s-maj=98.3km s-min=40.0km az=8.0

ISC 25 23:37:04.7, 2.0, 17.2S, 0.1x70.4W, h150km, 15km, n24, r0699/19, mb4.5/9, 2C, Near coast of Peru

Main station list table for the second section, including stations like LPAZ, CPUP, etc.

IDC 26 00:09:38.2, 2.1, 9.67S, 157.73E, mb4.0/5, mb1 4.1/5, mb1mx4.1/8, MS4.0/5, MS1.4/5, MS1.4/0.5, ms1mx3.9/8, Error ellipse: s-maj=95.5km s-min=31.8km az=133.0

NEIC 26 00:08:45.6, 0.8, 9.24S, 157.23E, h35km, mb4.5/7, Error ellipse: s-maj=31.6km s-min=13.5km az=121.0

BUJ 26 00:08:45.6, 9.20S, 157.20E, h35km, mb4.4, ISC 26 00:08:43.7, 1.0, 9.45S, 0.1x157.4E, 0.2, h35km, n20, r1901/18, mb4.3/14, MS4.1/5, Bougainville - Solomon

Main station list table for the third section, including stations like CTAA, WRAB, ASAR, etc.

Main station list table for the fourth section, including stations like EADA, EQES, Huescar, etc.

26d 5h

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists various stations like EFAM, SJPF, ETSF, etc.

HEL 26 00:30:42.2, 0.2, 67.83N-20.27E, ML1.9, ML1.6(BER), Explosion

BER 26 00:30:43.3, 1.8, 67.84N-20.03E, ML1.6, Suspected explosion

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Sweden and other locations.

NIED 26 01:02:00.27, 50N, 126.50E, h185km, Mw4.2 Best double

BUI 26 01:02:17.9, 27.19N, 126.58E, h218km, mb4.2, mb4.3

NEIC 26 01:02:18.9, 0.2, 27.30N-126.57E, h200km, 9km, mb3.9/2, Error ellipse: s-maj=17.7km s-min=12.8km az=73.0

JMA 26 01:02:20.4, 0.4, 27.49N-126.53E, h163km, M4.1

ISC 26 01:02:17.2, 0.3, 27.30N-126.58E, h197km, 5km, n41, r192/55, mb3.6/12, 1C-1D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Japan and other locations.

2004 JAN

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for the Pacific region.

ISC 26 01:50:24.8, 1.3, 15.00S-173.83W, mb3.8/4, mb1.4/0.4, mb1mx3.9/8, Error ellipse: s-maj=65.5km s-min=28.3km az=127.0

ISC 26 01:50:28.0, 1.2, 14.95S-0.3, 174.0W, 0.4, h33km, n5, r08/14, mb3.7/4, Samoa Islands region

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Samoa Islands region.

ISC 26 02:39:41.8, 1.2, 89N-93.26E, mb4.0/10, mb1.4/2/10, mb1mx4.1/4, Error ellipse: s-maj=75.7km s-min=61.1km az=147.0

NEIC 26 02:40:01.2, 2.0, 13.14N-93.36E, h90km, mb4.0/2, Error ellipse: s-maj=46.6km s-min=20.4km az=163.0

ISC 26 02:39:55.0, 1.7, 13.20N-10.07, 93.2E, 0.2, h42km, 17km, n20, r071/22, mb4.0/11, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Andaman Islands region.

BUI 26 03:46:44.6, 14.00N-92.20W, h27km, Ms4.7, Ms2.4

MEX 26 03:46:45.2, 0.6, 13.59N-92.77W, h10km, 157km, MD4.4

NEIC 26 03:46:46.7, 12.0, 14.00N-92.16W, h27km, 71km, Ms4.1/7, Error ellipse: s-maj=66.5km s-min=19.2km az=170.0

ISC 26 03:46:51.3, 9.0, 14.38N-92.27W, h48km, 82km, mb3.9/7, mb1.4/0.7, mb1mx3.8/15, Ms4.3/1, Ms1.4/2.1, ms1mx3.4/11, Error ellipse: s-maj=65.1km s-min=28.3km az=52.0

MASC 26 03:47:06.6, 1.8, 14.33N-90.92W, h41km, 9km, MD4.3, CMB4.1 (INEIC)

ISC 26 03:46:51.5, 1.2, 14.3N-0.1, 92.1W-0.1, h12km, 9km, n56, r191/62, mb4.0/10, 3C-4D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Chiapas and other locations.

538

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for the Pacific region.

NNC 26 04:22:05.5, 2.6, 61.07N-75.82E, mpv2.3, Error ellipse: s-maj=25.9km s-min=20.2km az=152.0

KNET 26 04:22:08.0, 0.7, 41.23N-75.18E, h7km, 2km, ml2.6, Error ellipse: s-maj=4.4km s-min=3.8km az=119.0

ISC 26 04:22:08.1, 1.5, 41.11N-0.08, 75.25E, 0.09, h7km, n12, r198/19, 8C-11D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Kyrgyzstan and other locations.

NIED 26 04:30:52.4, 82.80N, 145.00E, h32km, Mw3.5 Best double

JMA 26 04:30:58.5, 42.81N, 145.02E, h48km, 1km, M3.6

ISC 26 04:31:15.8, 9.4, 46.98N-143.65E, mb3.5/5, mb1.3/7.5, mb1mx3.5/15, Error ellipse: s-maj=132.0km s-min=29.9km az=172.0

ISC 26 04:50:57.1, 0.4, 42.78N-108.145, 0.06E-0.07, h56km, 7km, n13, r084/20, mb3.5/4, Hokkaido region

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for Hokkaido region and other locations.

ISC 26 05:11:01.2, 1.9, 6.26S-143.80E, mb4.1/3, mb1.4/3.4, mb1mx3.4/6, ML3.7/1, MS3.1/1, Ms1.3/1.1, ms1mx2.9/11, Error ellipse: s-maj=71.6km s-min=34.9km az=106.0

NEIC 26 05:11:06.9, 3.2, 6.68S-143.41E, h48km, 39km, Error ellipse: s-maj=43.7km s-min=15.9km az=172.0

ISC 26 05:11:06.0, 9.6, 45.0E-1.143, 7E, 0.1, h48km, n10, r054/10, mb4.0/4, New Guinea

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC. Lists stations for New Guinea and other locations.

MOS 26 05:15:25.6, 3.2, 46.85N-152.16E, h95km, mb4.1/1, Error



IDC 26 06:25:21.1, 1.1, 54.51S, 31.21W, mb4.7/3, mb1 4.8/3, mb1 3.5/4, MS4.0/3, MS1 4.0/3, ms1mx3.9/6, Error ellipse: s-maj=151.0km s-min=26.1km az=47.0, NEIC 26 06:25:22.8, 0.4, 54.85S, 31.86W, h10km, mb4.7/4, Error ellipse: s-maj=17.0km s-min=9.9km az=61.0

BUI 26 06:25:22.7, 54.90S, 31.90W, h10km, Ms1.5, Ms2.0, ISC 26 06:25:21.2, 0.6, 54.82S, 0.09, 31.7W, 0.2, h10km, n29, c098/15, mb5.0/9, MS4.2/4, 2C-2D, South Georgia Island region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Neumayer-Stat, Neumayer Olymp, Neumayer-Watz, Sanae, Tornquist, Villa Florida, etc.

WAR 26 06:26:39.5, 50.27N, 18.96E, ML2.6, Mining Induced, NEIC 26 06:26:40.1, 2.2, 50.34N, 18.73E, h3km, Error ellipse: s-maj=28.0km s-min=10.7km az=190.0

PRU 26 06:26:41.6, 50.28N, 18.78E, ISC 26 06:26:38.4, 0.6, 50.26N, 0.05, 18.84E, 0.04, n11, c193/21, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Ostrava-Krasne, Ojcow, Moravsky Berou, Niedzica, Dobruska-Polom, etc.

IDC 26 06:33:09.1, 3.9, 28.99N, 142.38E, h49km, 43km, mb3.4/4, mb1 3.5/4, mb1mx3.4/3, Error ellipse: s-maj=47.2km s-min=28.1km az=76.0

ISC 26 06:33:08.4, 3.0, 29.0N, 0.1, 142.4E, 0.4, h61km, 27km, n6, c050/7, mb3.6/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Chichi jima, Zalesovo, Warramunga Arr, Makanchi Array, Alice Springs, Yellowknife Ar, etc.

CASC 26 07:05:44.9, 1.6, 13.88N, 92.57W, h25km, 10km, MD4.3, mb4.1 (NEIC)

MEX 26 07:05:50.0, 0.6, 14.14N, 92.78W, h155km, 182km, MD4.5, NEIC 26 07:05:02.2, 0.2, 9.1, 157N, 92.19W, h141km, 59km, mb4.1/5, Error ellipse: s-maj=28.7km s-min=10.1km az=51.0

IDC 26 07:06:06.3, 7.5, 14.69N, 91.94W, h178km, 71km, mb3.6/7, mb1 3.8/8, mb1mx3.6/16, MS4.0/2, Ms1 4.0/2, ms1mx3.4/16, Error ellipse: s-maj=58.6km s-min=15.3km az=60.0

ISC 26 07:05:43.4, 1.7, 13.7N, 0.1, 92.60W, 0.04, h22km, 10km, n36, c192/41, mb4.1/9, MS4.0/2, 2C-5D, Off coast of Chiapas

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Jato, Fuego 3, Ixcapoc, Guatemala City, Comitán, Robledal, El Retiro, San Jose, San Cristobal, Montecristo, Boqueron, La Ceiba, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Matias Romero, Oaxaca Junction City, Lajitas, El Rosal, Mount Ida, Guadalupe Moun, etc.

ECX 26 07:14:23.8, 0.2, 31.67N, 114.46W, h7km, MD3.6, ML3.6, 9C-1D, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like San Pedro Mart, Rancho Dowling, Eielson Array, Makanchi Array, etc.

ECX 26 07:27:52.0, 0.4, 31.57N, 114.25W, h7km, MD3.5, ML3.6, 2C-3D, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like El Chintero, San Pedro Mart, Rancho Dowling, Punt Banda, Cerro Bola, etc.

DJA 26 07:31:28.4, 1.0, 2.38S, 119.03E, h33km, MD4.4/3, ML4.2/3, 6C, Error ellipse: s-maj=25.9km s-min=22.6km az=74.0, Sulawesi

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Tanete Lipujan, Buntu Taipa, Bunni, Ninicangon, Kelakatan, etc.

DJA 26 08:00:22.7, 1.0, 8.40S, 117.07E, h38km, 37km, ML4.4/3, 6C-1D, Error ellipse: s-maj=49.8km s-min=25.0km az=159.0, Sumbawa region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Kedondong, Rata, Ingi, Kelakatan, etc.

NEIC 26 08:11:05.9, 0.3, 22.12S, 169.53E, h10km, mb5.1/20, Error ellipse: s-maj=8.6km s-min=7.9km az=145.0

HRVD 26 08:11:05.9, 0.6, 22.42S, 169.59E, h12km, MW4.9/48, Centroid motion Tensor Solution. LP body waves: s25, c26, Mantle waves: s48, c62. Half duration: 0. Moment tensor: Scale 10^19Nm; M1=0.90; lambda=55; M2=0.54; 18; M3=1.44; 12; M4=0.53; 51; M5=1.32; 10; M6=2.00; 43; Best double couple: M2.76x10^16 NP1 @ 115, 836, -1, 160. NP2 @ 9, 878, -1, 55. Principal axes: T, 2.84, P, 25, Azm73; N, -16, P, 34, Azm181; P, -2.67, P, 45, Azm314; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 26 08:11:05.9, 0.2, 12.25S, 169.53E, h10km, MB5.1, LDG 26 08:11:06.0, 0.3, 21.77S, 169.87E, h10km, MB5.1/4, Error ellipse: s-maj=25.8km s-min=7.0km az=164.0

BUI 26 08:11:06.9, 2.1, 61S, 169.54E, h10km, mb5.2, mb4.9, Ms5.0, Ms2.5

MOS 26 08:11:08.9, 1.7, 22.16S, 169.46E, h33km, mb5.1/11, Error ellipse: s-maj=13.6km s-min=12.4km az=144.7

IDC 26 08:11:11.6, 6.4, 22.23S, 169.38E, h45km, 59km, mb4.5/7, mb1 4.6/8, mb1mx4.6/9, ML4.3/1, MS4.1/6, Ms1 4.1/6, ms1mx3.9/13, Error ellipse: s-maj=32.5km s-min=29.1km az=105.0

ISC 26 08:11:08.6, 1.1, 22.20S, 0.05, 169.43E, 0.05, h35km, 9km, h32km, 1, 9km, pp-P, n137, c196/89, mb5.0/39, MS4.2/10, 9C-14D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Mont Dzumac, Port Vila, Nonsavu, Urewera, South Karori, Riverview, Rata Peaks, Charters Tower, etc.

PMG 26 08:30:00.0, 21.48N, 154.87E, h10km, MB3.6, ML3.6, 9C-1D, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Toolangi, Stephens Creek, Alice Springs, Warramunga Arr, etc.

MAW 26 08:53:10.1, 19.5S, MS4.2, baz=271, slow=33, P, 08 53 10.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Mudanjian, Chanchung, etc.

MDJ 26 08:53:07.7, 19.5S, MS4.2, baz=271, slow=33, P, 08 53 07.7

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Enshi, Kufdur, Beijing, Kunming, etc.

ENH 26 08:53:02.6, 19.5S, MS4.2, baz=271, slow=33, P, 08 53 02.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like Kufdur, Beijing, Kunming, etc.











Table of station data for the left column, including call signs like BRG, UPC, KIV, etc., and their associated frequencies and power levels.

Table of station data for the middle column, including call signs like WRAB, WBR2, MOA, etc., and their associated frequencies and power levels.

Table of station data for the right column, including call signs like MONA, STON, AUF, etc., and their associated frequencies and power levels.

Additional information at the bottom right, including coordinates (e.g., 10 39 37.5 -10) and station names (e.g., BER 26 10:46:01.9, 3.5, 34.96N, 30.32E, ML2.7(NAO)).

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
FAIO	FINES Array S	6.26 344	Op	10 47 45.5	+0.4	
FAIO	baz=152,slow=14		Pn	10 48 56.7	+1.6	
FAIO	baz=172,slow=37		Lg	10 49 33.6		
FAIO	baz=155,slow=37		Lg	10 47 47.7	+5.8	
FAIO	FINES Array S	6.26 344	eP	10 48 56.7	+1.7	
FAIO	comp=Z,1.1nm,0.2s		MSN	10 48 60.0		
KAF	Kangasniemi	6.87 347	eS	10 49 08.9	-1.3	
KEF	Keuruu	7.14 342	eS	10 49 17.2	0.0	
SUF	comp=Z,0.5nm,0.2s		MSN	10 49 20.1		
SUF	Suomien	7.47 348	eP	10 48 01.2	+2.3	
SUF	comp=Z,0.7nm,0.2s		MSN	10 49 24.9	-0.5	
JOF	Joensuu	7.50 6	eP	10 47 59.6	+0.2	
JOF	comp=Z,0.7nm,0.2s		MSN	10 49 25.5	-0.7	
KJN	Kajaani	8.68 354	eP	10 48 17.1	+1.3	
KJN	comp=Z,0.7nm,0.2s		MSN	10 49 53.0	-2.5	
HFS	Hagfors	9.69 305	eP	10 48 30.4	+0.9	
HFS	baz=123,slow=11		Lg	10 48 30.4	+0.9	
GFS	Hagfors	9.69 305	eP	10 48 30.4	+0.9	
HOLS	Golise	12.96 229	iP	10 49 12.4	-1.7	
ARAO	ARCESS Array S	14.22 354	Lg	10 53 40.4		
ARAO	baz=167,slow=37		Lg	10 53 40.4		
ARAO	ARCESS Array S	14.22 354	Lg	10 53 40.4		
ARAO	baz=167,slow=37		Lg	10 53 40.4		

NEIC 26 11:18:26.0, 19.21N, 64.51W, h25km, MD3.8(RSPR), After RSPR

RSPR 26 11:18:26.0, 19.21N, 64.51W, h25km, 31km, M3.8, 16C-2D, Virgin Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
SCVI	Saint Croix	1.45 183f	Op	11 18 46.8	-2.3	
SCVI	comp=Z,1.1nm,0.2s		MSN	11 19 05.9	-3.3	
RBP	Monte Pirata	1.59 222f	eP	11 19 05.9	-3.3	
MYP	Canovanas	1.58 234f	eP	11 19 05.3	-5.0	
CBYP	Canovanas	1.58 234f	eP	11 18 49.6	-3.3	
HUMP	Col San Antoni	1.66 230f	eP	11 18 57.7	-3.3	
HUMP	comp=Z,1.1nm,0.2s		MSN	11 19 15.4	-5.4	
CPD	Cerro la Pandu	1.77 229f	eP	11 19 09.4	-5.1	
CPD	comp=Z,1.1nm,0.2s		MSN	11 19 12.7	-4.8	
CSB	Colonia Sabana	1.81 240f	eP	11 18 52.6	-3.5	
CSB	comp=Z,1.1nm,0.2s		MSN	11 19 13.4	-5.1	
SJG	San Juan	1.90 235f	eP	11 18 54.1	-3.3	
SJG	comp=Z,1.1nm,0.2s		MSN	11 19 15.4	-5.4	
CELP	Cerrillos	2.27 240f	eP	11 18 59.7	-2.9	
CELP	comp=Z,1.1nm,0.2s		MSN	11 19 24.1	-6.0	
AOPR	Arecibo Observ	2.29 248f	eP	11 19 00.1	-2.9	
AOPR	comp=Z,1.1nm,0.2s		MSN	11 19 24.9	-5.9	
OBIP	Obispo Ponce	2.30 240	eP	11 19 00.4	-2.8	
OBIP	comp=Z,1.1nm,0.2s		MSN	11 19 06.0	-3.2	
ICM	Isia Caja Muer	2.32 236f	eP	11 19 00.9	-2.4	
ICM	comp=Z,1.1nm,0.2s		MSN	11 19 26.7	-4.6	
PORP	Portuguez	2.32 241f	eP	11 19 00.6	-2.9	
LRS	Lares	2.39 248f	eP	11 19 01.3	-3.2	
LSP	Las Mesas	2.65 248f	eP	11 19 05.1	-3.0	
MGP	Maguayo	2.72 244f	eP	11 19 06.0	-3.2	
MGP	comp=Z,1.1nm,0.2s		MSN	11 19 26.7	-4.6	
MGP	Maguayo	2.72 244f	eP	11 19 06.2	-3.0	
MGP	comp=Z,1.1nm,0.2s		MSN	11 19 06.2	-3.0	
MGP	Maguayo	2.72 244f	eP	11 19 06.2	-3.0	
MGP	comp=Z,1.1nm,0.2s		MSN	11 19 06.2	-3.0	
IDE	Isla Desecho	2.93 254f	eP	11 19 08.5	-3.6	

ISC 26 11:28:33.5±1.9, 8.28N, 104.17W, mb4.1/7, mb1 4.3/7, mb1mx4.2/13, Error ellipse: s-maj=74.1km s-min=21.3km az=58.0

NEIC 26 11:28:35.6±1.3, 8.30N, 104.05W, h10km, mb4.4/1, Error ellipse: s-maj=48.6km s-min=14.9km az=62.0

ISC 26 11:28:33.1±1.5, 8.2N, 102.14W, mb0.3, h10km, n12, r133/12, mb4.1/8, Northern East Pacific Rise

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
JCT	Union City	22.54 10	P	11 33 34.1	-0.8	
GDLE	Guadalupe Moun	23.88 360	eP	11 33 49.7	+1.9	
LDL	Ladron	24.21 355	eP	11 34 57.4	+1.8	
PV10	Paradox Valley	30.35 352	eP	11 34 55.1	-1.9	
PDAR	Pinedale Array	34.74 353	P	11 35 26.3	+0.7	
NLW	Neilson Butte	42.02 344	eP	11 36 28.7	+2.3	
SADO	Sadown	42.43 27	P	11 36 29.1	-0.7	
LPAZ	La Paz	43.23 124	P	11 36 37.8	+1.2	
YKA	Yellowknife Ar	54.71 354	P	11 38 03.3	-1.4	
CPUP	Villa Florida	57.12 129	P	11 38 21.2	-0.6	
INK	Inuvik	63.09 348	P	11 39 01.7	-1.1	
ILAR	Eielson Array	63.89 341	P	11 39 07.5	-0.7	

GUC 26 11:38:55.8±0.4, 29.59S, 72.99W, h27km, 4km, ML3.6, IC-2D, Off coast of central Chile

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
OVCH	Ovalle	1.85 124f	iP	11 39 26.9	+0.5	
OVCH	comp=Z,1.1nm,0.2s		MSN	11 39 50.0	+1.6	
TLL	Tololo Astrono	1.98 107f	iP	11 39 29.4	+1.1	
TLL	comp=Z,1.1nm,0.2s		MSN	11 39 55.2	+2.7	
CMCH	Combarbala	2.33 133f	iP	11 39 34.1	+0.8	
ILCH	Illapel	2.57 143	AMP	11 40 07.4	0.0	
ILCH	comp=N,194nm,0.2s		AMP	11 40 08.5		
PTCH	Petorca	3.20 147	iS	11 40 23.2	-0.1	
PTCH	comp=E,471nm,0.2s		AMP	11 40 26.5		
FCH	Farellones	4.38 149	eP	11 40 02.7	+0.3	

CASC 26 12:21:43.1±1.8, 13.76N, 90.99W, h32km, 5km, MD3.9, 8C-10D, Near coast of Guatemala

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
TER	Terranova	0.62 28f	eP	12 21 55.5	0.0	
TER	comp=Z,1.1nm,0.2s		MSN	12 22 05.6	+1.7	
IXG	Ixpaco	0.66 51f	eP	12 21 56.1	-0.1	
IXG	comp=Z,1.1nm,0.2s		MSN	12 22 05.4	+0.1	
FUG	Fuego 3	0.70 11f	iP	12 21 57.0	+0.2	
PCG	Pacaya	0.73 30f	eP	12 21 57.3	+0.3	
PCG	comp=Z,1.1nm,0.2s		MSN	12 22 08.4	+1.3	
JAT	Jato	0.84 312f	eP	12 22 08.7	+0.3	
GCG	Guatemala City	0.93 28	eP	12 22 00.8	+0.7	
GCG	comp=Z,1.1nm,0.2s		MSN	12 22 14.5	+2.0	
GCG	comp=Z,1.1nm,0.2s		MSN	12 22 15.9	+3.5	
HTR	El Retiro	1.31 84	eP	12 22 04.8	-0.7	
RBDL	Robledal	1.31 74f	eP	12 22 10.7	+0.1	
RBDL	comp=Z,1.1nm,0.2s		MSN	12 22 24.1	+2.1	
SBSL	San Blas	1.33 86f	eP	12 22 05.7	0.0	
SBSL	comp=Z,1.1nm,0.2s		MSN	12 22 22.7	+0.3	
SNJE	San Jose	1.34 85f	eP	12 22 22.1	+0.1	
SNJE	comp=Z,1.1nm,0.2s		MSN	12 22 23.1	+0.2	
BOOS	Boqueron	1.66 91f	eP	12 22 10.7	+0.2	
BOOS	comp=Z,1.1nm,0.2s		MSN	12 22 31.1	+0.3	
PICS	Picacho	1.68 90	eS	12 22 31.8	+0.4	
MTOZ	Monte Cristo 2	1.70 68f	eP	12 22 10.3	-0.8	
MTOZ	comp=Z,1.1nm,0.2s		MSN	12 22 31.4	+0.5	
SNET	Serv Nac Est T	1.71 92	eP	12 22 10.7	-0.4	
SNET	comp=Z,1.1nm,0.2s		MSN	12 22 31.4	+0.3	
LFU	La Fuente	1.82 90f	eP	12 22 12.4	-0.4	
LFRS	El Faro	1.88 94f	eP	12 22 13.2	-0.4	
LFRS	comp=Z,1.1nm,0.2s		MSN	12 22 35.8	-0.5	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
LBRS	Las Brisas	1.89 90f	eP	12 22 12.2	-1.6	
LBRS	comp=Z,1.1nm,0.2s		MSN	12 22 35.9	-0.8	
LCBS	La Ceiba	1.95 93f	eP	12 22 14.4	-0.3	
LCBS	comp=Z,1.1nm,0.2s		MSN	12 22 35.9	-0.8	
SNVI	San Vicente	2.09 94f	eP	12 22 16.5	-0.1	
SNVI	comp=Z,1.1nm,0.2s		MSN	12 22 35.9	-0.8	
YSM	San Miguel	2.66 97f	eP	12 22 24.5	-0.2	
YSM	comp=Z,1.1nm,0.2s		MSN	12 22 57.5	+1.3	
BLLM	Bellamira	2.69 96	eP	12 22 24.9	-0.3	
BLLM	comp=Z,1.1nm,0.2s		MSN	12 22 56.8	-0.3	
CAHU	Cacacuatiue	2.70 89f	eP	12 22 24.1	-1.1	
CAHU	comp=Z,1.1nm,0.2s		MSN	12 22 30.2	-0.9	
CNCH	Conchagua	3.10 98f	eP	12 22 07.8	+0.3	
CNCH	comp=Z,1.1nm,0.2s		MSN	12 22 30.2	-0.9	

NIED 26 12:34:00, 38.90N, 141.60E, h71km, Mw4.0 Best double couple: M:1.08x10<sup>15</sup> NP1:0.197°, 880°, 184°. NP2:0.47°, 812°, 120°.

BUI 26 12:34:32.2, 38.79N, 141.81E, h79km, mb4.7, mb4.2 MOS 26 12:34:34.8, 39.28N, 141.39E, h64km, mb4.8/1, Error ellipse: s-maj=21.3km s-min=11.4km az=87.2

NEIC 26 12:34:35.1±0.7, 38.96N, 141.78E, mb4.5/1, Error ellipse: s-maj=16.2km s-min=11.9km az=123.0

NEIC Recorded [3 JMA] in Iwate and Miyagi Prefectures. JMA 26 12:34:35.4, 38.95N, 141.65E, h69km, 1km, M4.1

Broadband fault plane solution: P waves. NP1:0.75°, 823°, 140°. NP2:0.203°, 875°, 127°. Principal axes: T P156°, Azm90°; N P17°, Azm207°; P P128°, Azm307°.

JMA Felt III J1. IDC 26 12:34:35.1±0.6, 38.93N, 141.47E, h68km, 5km, mb3.7/12, mb1 3.9/14, mb1mx3.8/19, Error ellipse: s-maj=19.9km s-min=10.2km az=95.0

ISC 26 12:34:34.0±0.5, 38.94N, 140.414, 71E, 0.08, h77km, 3km, h86km, 1.0km, pP, n40, r1500/49, mb4.0/16, 7C-2D, Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
OFUJ	Ofunato	0.15 347	iP	12 34 45.7	+0.5	
OFUJ	comp=Z,1.1nm,0.2s		MSN	12 34 53.0	-0.6	
JMK	Ichinoseki	0.38 272	iP	12 34 46.7	+0.1	
JMK	comp=Z,1.1nm,0.2s		MSN	12 34 55.1	-0.9	
JIO	Ouri	0.56 211	eP	12 34 48.6	+0.4	
JIO	comp=Z,1.1nm,0.2s		MSN	12 34 58.0	-0.6	
JOM	Ohasama	0.63 329	iP	12 34 49.2	+0.3	
JOM	comp=Z,1.1nm,0.2s					





Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like ONAJ, JFK, JAG, JAG, JFT, JFT, JKT, JKT, JFY, JMM, JMM, MAJO, MAJO, MAT, MAT, MAT, MAT, JHJ, JHJ, ASAJ, ASAJ, ASAJ, ENH, ENH, BOD, BOD, ZAL, ZAL, MKAR, MKAR, KURK, KURK, JIRN, JIRN, GUN, GUN, PNI, PNI, KKN, KKN, GKN, GKN, KOLN, KOLN, CHKZ, CHKZ, BVAR, BVAR, ZRNK, ZRNK, ASAR, ASAR, ARCES, ARCES, ARCES, ARCES, FINES, FINES, NB2, NB2, NB2, NOA, NOA, GERES, GERES, SCHO, SCHO.

CASC 26 18:01:21.8-1.7, 12.13N-86.97W, h66km, 10km, MD3.8, ML3.9, 9C-22D, Nicaragua

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like PYN, PYN, COPN, COPN, MORN, MORN, CNNG, CNNG, TEL3, TEL3, TELN, TELN, MOMO, MOMO, CRIN, CRIN, APYN, APYN, XAVN, XAVN, MGAN, MGAN, WILN, WILN, COFN, COFN, APON, APON, PYTN, PYTN, SOMN, SOMN, SSNN, SSNN, CONN, CONN, CNCH, CNCH, MADN, MADN, BLLM, BLLM, VSM, VSM, CAHU, CAHU, SNVI, SNVI, VCR, VCR, LCBS, LCBS, LCBS, LCBS, LFRS, LFRS, LFU, LFU, BOQS, BOQS, BOQS, BOQS, SBL5, SBL5, SBL5, SBL5, CGA2, CGA2, CGA2, CGA2, MTOZ, MTOZ, RBDL, RBDL, PRSI, PRSI, TRTC, TRTC, TRTC, TRTC, LCR2, LCR2, URSC, URSC, ACR, ACR, ACR, ACR.

THR 26 18:09:06.0-0.3, 28.22N-54.08E, h15km, MD4.3

IDC 26 18:09:15.2-1.6, 28.83N-53.56E, mb3.9/14, mb1 4/1/16, mb1mx4.1/20, ML3.6/2, MS3.5/3, Ms1 3.6/3, ms1mx3.1/23, Error ellipse: s-maj=37.2km s-min=20.4km az=2.0

MOS 26 18:09:17.6-0.8, 28.74N-53.47E, h33km, mb4.8/7, Error ellipse: s-maj=20.2km s-min=8.9km az=126.8

NEIC 26 18:09:21.1-1.4, 29.25N-53.70E, h30km, mb4.5/8, Error ellipse: s-maj=31.1km s-min=13.3km az=170.0

BUI 26 18:09:21.1, 29.30N-53.70E, h30km, mb4.0

ISC 26 18:09:15.6-3.8, 28.78N-53.10E, mb4.0, 0.9, h17km, 29km, n59, r1601/62, mb4.1/23, MS3.4/3, Southern Iran

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like HASS, HASS, ZHSF, ZHSF, ZHSF, ZHSF, ARSS, ARSS, HILLS, HILLS, AFRS, AFRS, TATS, TATS, KBRS, KBRS, ASF, ASF, ASF, ASF, GZT, GZT, PRNI, PRNI, EIL, EIL, EIL, EIL, EIL, EIL.

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like MBH, MBH, KMTI, KMTI, COBT, COBT, EVSK, EVSK, AVNT, AVNT, UJDT, UJDT, BVAR, BVAR, BVAR, BVAR, BLVR, BLVR, MURTE, MURTE, MKAR, MKAR, ZAL, ZAL, ZAL, ZAL, GERES, GERES, KHC, KHC, FINES, FINES, CLL, CLL, CLL, CLL, DAVOX, DAVOX, GTA, GTA, SBF, SBF, MBDF, MBDF, LRG, LRG, LRG, LRG, LPL, LPL, CDF, CDF, HMF, HMF, ORIF, ORIF, CABF, CABF, HFS, HFS, SMF, SMF, SMF, SMF, LOR, LOR, LOR, LOR, SFF, SFF, NOA, NOA, NOA, NOA, ARCES, ARCES, MFF, MFF, ESDC, ESDC, BOD, BOD, ILAR, ILAR, YKA, YKA, ASAR, ASAR.

PGC 26 18:13:42.7, 49.17N-127.95W, h10km, MLSn3.5/1, 7D, West of Vancouver Island, British Columbia, Vancouver Island region

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like EDB, EDB, EDB, EDB, ETB, ETB, ETB, ETB, BPBC, BPBC, BPBC, BPBC, MAYB, MAYB, MAYB, MAYB, WOSS, WOSS, WOSS, WOSS.

GDR 26 18:14:04.4-4.0, GDR 26 18:14:21.1-5.8

HOLB 26 18:14:07.2-2.3, HOLB 26 18:14:24.6-4.5

HOLB 26 18:14:25.3

PTOM 26 18:14:09.9-2.0, PTOM 26 18:14:27.4-4.2

PTOM 26 18:14:28.3

BTB 26 18:14:09.4-2.2, BTB 26 18:14:28.2-4.4

OZB 26 18:14:12.2

NCRB 26 18:14:11.7-1.6, NCRB 26 18:14:36.6

CBB 26 18:14:13.7-1.8, CBB 26 18:14:35.2-4.3

ALB 26 18:14:47.9+4.3, ALB 26 18:14:48.4

MGB 26 18:14:17.7-1.5, TXB 26 18:14:19.9-2.6

TXB 26 18:14:46.7-4.6

TXB 26 18:14:49.0

NLLB 26 18:15:03.8

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like SHB, SHB, Bella Bella, Bella Bella, Bowen Island, Bowen Island, BIB, BIB, BNB, BNB, LILLO, LILLO, LILLO, LILLO, BONILLA, BONILLA, RUBB, RUBB, RUBB, RUBB.

NEIC 26 18:15:50.4-1.3, 36.31N-31.63E, h10km, ML3.5(NIC), Error ellipse: s-maj=32.9km s-min=9.6km az=70.0

ISK 26 18:15:54.4, 36.12N-31.54E, h25km, MD3.6

ISC 26 18:16:04.8-1.4, 38.19N-32.78E, mb3.6/5, mb1 3/7.6, mb1mx3.6/13, ML3.8/1, Error ellipse: s-maj=35.2km s-min=23.7km az=82.0

ISC 26 18:16:51.7-0.5, 36.00N-0.05E, 31.48E, 0.04, h10km, n30, r1818/41, mb3.6/4, 4C-1Z, Turkey

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like ALFC, ALFC, PAPHOS, PAPHOS, MAMC, MAMC, SZAC, SZAC, IKL, IKL, IKL, IKL, CSS, CSS, CSS, CSS, MEST, MEST, PHNC, PHNC, DNZL, DNZL, DEHT, DEHT, KIZT, KIZT, AYDN, AYDN, AYDN, AYDN, MANT, MANT, BDRM, BDRM, BDRM, BDRM, ESKT, ESKT, ESKT, ESKT, CEYH, CEYH, HTY, HTY, KAMT, KAMT, COBT, COBT, GERES, GERES, FINES, FINES, ARCES, ARCES, ARCES, ARCES, MKAR, MKAR, ZAL, ZAL.

NEIC 26 18:16:39.6-3.15, 19.07N-64.51W, h47km, MD3.5(RSPR), After RSPR

RSPR 26 18:16:39.6, 19.07N-64.50W, h47km, 31km, M3.5, 12C-3D, Virgin Islands

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like MTP, MTP, CBYP, CBYP, HUMP, HUMP, HUMP, HUMP, CSB, CSB, SJB, SJB, SJB, SJB, CELP, CELP, OBIP, OBIP, OBIP, OBIP, ICM, ICM, AOPR, AOPR, PORP, PORP, LRS, LRS, LSP, LSP, MGP, MGP, MGP, MGP.

MDD 26 18:40:18.3-1.3, 39.87N-8.75W, mbLg1.6/4, Error ellipse: s-maj=9.8km s-min=5.0km az=92.0, PRXIMO SOLUCIN

POBRE

INMG 26 18:40:18.6-0.8, 39.88N-8.75W, h9km, 4km, ML1.3, Error ellipse: s-maj=4.1km s-min=2.0km az=106.0

ISC 26 18:40:18.4-1.7, 39.86N-0.04E, 8.71W, 0.10, h10km, 9km, n12, r0950/16, Portugal

Table with columns: Code, Station Name, Az, El, S, P, Res, Time, Res, ISC. Rows include stations like PTOM, PTOM, PTOM, PTOM, PCBR, PCBR, PCBR, PCBR, PLOU, PLOU, PLOU, PLOU, PVIS, PVIS, PVIS, PVIS, MOE, MOE, MOE, MOE, ELOB, ELOB, EGRO, EGRO, EMIN, EMIN.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, BVAR Borovoye Array, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, GERES GERES Array B, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENH Enshi, ENH Enshi, XAN Xi'an, etc.

MDD 26:21:58.31.21.2, 32.22N-5.70W, mb3.8/7, Error ellipse: s-maj=16.0km s-min=7.5km az=124.0, PRXIMO

NEIC 26:22:49:52.2, 35.32S-73.38W, h15km, mb4.2/2, ML4.7(GUC), After GUC

comp=2.1,9nm,0.9s,mb4.3,baz=222,slow=5.1,SNR=11

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IFR Ifrane, AVE Aveerros, TIO Tiouine, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH Coquecura, TALC Talca, CCHI Chilian, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, LPAZ La Paz, ZAL Zalesovo, etc.

ISC 26:22:36:18.9.5, 8.57.47N-155.50W, h48km, mb3.8/11, mb1.3/9.13, mb1mx3.8/19, ML3.4/2, Error ellipse: s-maj=42.7km s-min=25.0km az=22.0

NEIC 26:22:36:20.3.57.17N-155.19W, h45km, ML3.6(PMR), ML3.5(AEIC), After AEIC

comp=2.5,0nm,0.5s,mb4.3,baz=90,slow=5.7,SNR=7.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAHL Cahill, KJL Kejulij, KABR Katmai Barrier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROCH El Roble, PEL Peldehue, PACH Papudo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BAIF Baives, GRA1 Grafenberg Arr, KHC Kasperke Holy, etc.

ISC 26:22:36:17.6.0.4, 57.15N-104.155.16W, h74km, mb4.0, n75, c085/82, mb4.3/13, Alaska Peninsula

ISC 26:22:59:16.6.4.5, 20.84S-174.33W, h50km, mb5.2/0.8, Ms4.8, Ms24.5

comp=2.2,5nm,0.8s,baz=297,slow=3.0,SNR=3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAHL Cahill, KJL Kejulij, KABR Katmai Barrier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, URZ Urewera, URZ Urewera, etc.

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

HEL 27:00:19:52.8.0.2, 67.84N-20.21E, ML1.4, ML1.6(BER), Explosion

BER 27:00:19:53.2.0.2, 67.83N-20.05E, ML1.6, Suspected explosion

ISC 27:00:19:49.9.0.8, 67.82N-20.05E, 0.1, n9, c1955/16, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIF Kilpisjarvi, KIF Kautokino, KTK1 Kautokino, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETSF Etsaut, ETSF Etsaut, EPF Esparrros, etc.

HEL 27:00:58:31.2.1.4, 42.80N-0.28W, h2km, Md1.4/2, MDD 27:00:58:32.0.5, 42.89N-0.27W, mbLg1.0/4, Error ellipse: s-maj=8.7km s-min=2.6km az=176.0, PRXIMO SOLUCIN

ISC 27:00:58:31.6.2.0, 42.9N-0.3.0.26W-0.05, h2km, n6, c05/52, Pyrenees

comp=2.5,0nm,0.7s

7.3nm,0.3s,SNR=5.0
EPOB Poblet 1.82 146 Lg 00 59 30.3

1.8nm,0.3s
SSF Saint Saulge 2.14 269 eSg Sn 01 20 22.5 +3.0

South Karori 0.15 19 P+ Pb 02 16 30.0 -0.2
SNZO 02 16 30.1 -0.1
SNZO 02 16 34.3 +0.2

IDC 27 01:08:00.1z 1.6,28.70N-53.51E,mb4.0/11,mb1 4.1/11,
mb1mx4.0/17, Error ellipse: s-maj=39.8km s-min=25.3km
az=25.0
MOS 27 01:08:03.1z 1.0,28.71N-53.54E,h33km,mb4.6/6, Error
ellipse: s-maj=14.8km s-min=10.2km az=110.3

DJA 27 01:20:11.3z 0.9,8.86S-113.30E,h80km,MD4.9/3,
ML4.6/3,5C-1D, Error ellipse: s-maj=26.4km
s-min=18.4km az=3.0, Jawa

Baring Head 0.18 77 P+ Pb 02 16 34.3 +0.3
Wellington 0.19 31 P+ Pb 02 16 35.0 +0.0
MRW Makara Radio 0.22 12 P+ Pb 02 16 30.8 -0.2

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
KELI Kelakatan 1.34 611 ePn Op P 01 20 34.5 -0.5

Tory Channel 0.36 310 P+ Pb 02 16 34.4 +0.4
Cape Campbell 0.44 227 P+ Pb 02 16 34.5 +0.2
Moikau Station 0.46 86 P+ Pb 02 16 42.3 +1.3

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

THE 27 01:49:33.8, 40.85N-21.96E, h1km, ML2.8
NEIC 27 01:49:34.3, 40.79N-22.06E, h1km, MD3.2(ATH),
ML2.8(TH), After ATH.

Mount Morrison 0.71 66 P+ Pb 02 16 45.2 -0.6
D'Urville Isla 0.84 320 P+ Pb 02 16 39.9 -0.6
Nelson 0.98 283 P+ Pb 02 16 41.5 -0.8

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

ATH 27 01:49:34.3, 40.79N-22.06E, h1km, 6km, MD3.2/7
ISC 27 01:49:32.6-0.4, 40.86N-0.03-21.96E-0.03, h2km, 5km,
n25, c088/36, 1C-5D, Greece

Birch Farm 1.44 58 P+ Pb 02 16 52.5 +3.6
Wanganui 1.71 9 P+ Pb 02 16 53.7 +0.9
Takapari Range 1.71 291 P+ Pb 02 16 52.6 -0.2

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
GRG Griva 0.35 73 ePg P 01 49 40.5 +0.9

Whakapapa 2.32 17 P+ Pb 02 17 01.7 +0.2
Whakapapa 2.34 17 P+ Pb 02 17 01.1 -0.9
Chateau 2.35 17 P+ Pb 02 17 03.9 -0.5

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
KNT Thessaloniki 0.80 106 eSg P 01 49 48.7 +0.4

Verona 2.32 2 P+ Pb 02 17 01.7 +0.2
Whakapapa 2.34 17 P+ Pb 02 17 01.1 -0.9
Chateau 2.35 17 P+ Pb 02 17 03.9 -0.5

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
KNT Thessaloniki 0.80 106 eSg P 01 49 48.7 +0.4

Verona 2.32 2 P+ Pb 02 17 01.7 +0.2
Whakapapa 2.34 17 P+ Pb 02 17 01.1 -0.9
Chateau 2.35 17 P+ Pb 02 17 03.9 -0.5

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
KNT Thessaloniki 0.80 106 eSg P 01 49 48.7 +0.4

Verona 2.32 2 P+ Pb 02 17 01.7 +0.2
Whakapapa 2.34 17 P+ Pb 02 17 01.1 -0.9
Chateau 2.35 17 P+ Pb 02 17 03.9 -0.5

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
KNT Thessaloniki 0.80 106 eSg P 01 49 48.7 +0.4

Verona 2.32 2 P+ Pb 02 17 01.7 +0.2
Whakapapa 2.34 17 P+ Pb 02 17 01.1 -0.9
Chateau 2.35 17 P+ Pb 02 17 03.9 -0.5

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

NIED 27 01:57:00.23, 90N-125.00E, h20km, Mw3.7 Best double
couple: M3.8x10^14 N1P1, phi=4, delta=7.49, NP2=2.72,
delta1=1.77

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

JMA 27 01:57:21.4z 0.2, 23.89N-124.95E, h17km, M3.5
ISC 27 01:57:20.7-1.8, 23.85N-124.98E-0.06, h17km, n7,
c051/14, Southwestern Ryukyu Islands

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

NEIC 27 02:04:45.9, 40.81N-22.03E, h5km, MD3.2(ATH),
ML2.8(TH), After ATH.

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
h m s ISC
ARSS Ar Rass 9.54 256 P P 01 10 21.1 +0.4

Table with columns: NEW, comp-Z, 2.5nm, 0.5s, baz=277, slow=9.2, SNR=3.7, pP, pP, 02 35 26.5 -1.0, KELI Kelakatan, 0.94 75f ePn, Op, ISC, h m s ISC, 02 54 43.3 -0.9, etc.

Table with columns: NEIC 27 02:35:17.0, 3.5, 51.1N, 16.11E, h5km, MG2.8(WAR), Error ellipse: s-maj=32.7km s-min=7.2km az=215.0, WAR 27 02:35:18.6, 51.45N, 16.09E, ML2.7, Mining Induced, PRU 27 02:35:18.6, 51.42N, 16.12E, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

DJA 27 02:56:01.3±1.3, 2.80S; -119.02E, h100km, MD4.5/2, ML3.9/2, 3C-3D, Error ellipse: s-maj=31.4km s-min=26.6km az=129.0, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

DJA 27 03:15:24.9±1.5, 5.88S; -112.64E, h202km±19km, ML4.3/3, 1C-2D, Error ellipse: s-maj=102.7km s-min=38.9km az=19.0, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

CASC 27 03:43:43.1±2.0, 11.95N; -86.79W, h63km±14km, MD4.0, ML3.6, 1C-4D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

BUI 27 04:19:53.0, 32.49N; -141.13E, h79km, mB5.0, mb5.2, Ms4.5, Msz4.1

MOS 27 04:19:58.8, 1.0, 32.86N; -140.33E, h60km, mb5.5/46, Error ellipse: s-maj=10.2km s-min=4.8km az=103.8

NIED 27 04:20:00.0, 32.80N; -140.70E, h83km, Mw5.1 Best double couple: Mb5.55x10^16 NP1, 87°, 140°, NP2, 65°, 325°, 140°

IDC 27 04:20:00.7, 0.5, 32.53N; -140.30E, h80km±3km, mb4.8/19, mb1.4/9.23, mb1mx4.9/24, MS4.0/15, Ms1.4/0.15, ms1mx4.0/16, Error ellipse: s-maj=13.7km s-min=7.8km az=57.0

NEIC 27 04:20:01.1±0.1, 32.57N; -140.33E, mb5.3/101, Error ellipse: s-maj=3.8km s-min=3.3km az=181.0

NEIC Recorded (3 JMA) on Hachijo-jima, [2 JMA] on Aoga-shima and [1 JMA] on Mikura-jima, Miyake-jima and Nii-jima. Also recorded [1 JMA] in Chiba and Tokyo Prefectures, Honshu, SYO 27 04:20:01.0, 32.57N; -140.33E, h79km, MB5.3, HRVD 27 04:20:01.0, 32.75N; -140.46E, h88km±3km, Mw5.1/71, Centroid moment Tensor Solution. LP body waves: s38, c58, Mantle waves: s71, c128; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr: 2.28±.25; Mw: 0.02±.21; Ms: 2.26±.23; Ms: 0.05±.14; Ms: 3.05±.18; Mw: 4.72±.12; Best double couple: Mb6.04x10^16 NP1: 0.71°, 83°, 153°. NP2: 0.184°, 87°, 162°. Principal axes: T3, P3, Pg50°, Azm63°; N. 61°, P: 74°; Azm191°; P -6.34, Plg26°, Azm296°; nst1 refers to body waves,

cutoff=40s. nsta2 refers to surface waves, cutoff=50s. JMA 27 04:20:02.1, 0.1, 32.73N; -140.63E, h72km±2km, M5.0, JMA Feil JJ1, ISC 27 04:21:19.9±0.1, 32.54N; -102.140.50E±0.02, h82km, h82km±1.2km, pP-P, n528, 0122/563, mb5.3/170, 15S-33D, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, etc.

Table with columns for flight codes (e.g., YSS, MDJ, SSE), destinations (e.g., Yuzh-Sakhalins, Mudanjiang, Shenyang), times, and status indicators.

Table with columns for flight codes (e.g., BTO, XAN, ENH), destinations (e.g., Baotou, Xi'an, Enshi), times, and status indicators.

Table with columns for flight codes (e.g., ADK, KKTK, CHRT), destinations (e.g., Khon Kaen, Chiang Mai, Bilibino), times, and status indicators.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like WRAB Tennant Creek, WB2 Warramunga Arr, EKS2 Erkin-Say, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like YKA comp=Z,10nm,0.8s,mb4.7, YKA comp=Z,57nm,19.4s, YKA Yellowknife Ar, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BEST Besiri, BINT Bingol, RBF Al-Radifah, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like LOR, LPL, LPG, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BMKR, JMA, etc.

Table with columns: YAK, e\*PP, pP, 06 16 32.7 -4.5, etc. Includes stations like ENH, ULN, BOD, ZAK, etc.

Table with columns: NOA, NORSAR Array B, 74.05 337, P, P, 06 22 18.9 -0.3, etc. Includes stations like NOA, LCCM, MTUM, etc.

Table with columns: MTTG, MLR, MTTG, MLR, MTTG, MLR, etc. Includes stations like MTTG, MLR, VVOJ, etc.

Table with multiple columns containing station names, call letters, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. The data includes various alphanumeric codes and numerical values representing signal strength, quality, and other parameters.





Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HGH, SBD, RUE, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KSH, CDF, THEF, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ORO, GOF, LSO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Daman, Ailbek, Mosqueruela, Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBD, NAY, RDF, QRN, HYB, CUD, WRAB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LNV, CICH, SFDO, TRQA, LDG, BGR, NEIC, etc.



ATH 27 14:47:40.6, 39.60N-23.09E, h24km, 1km, MD3.1/5

NEIC 27 14:47:41.6, 39.56N-23.52E, h5km, MD3.1(ATH), ML2.9(TH), After THE.

THE 27 14:47:41.6, 39.56N-23.52E, h5km, ML2.9

ISC 27 14:47:40.0-0.8, 39.54N-0.03-23.51E-0.06, h5km, 6km, n14, c0.96/22, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, PAIG Paliouri, PLG Polygyros, etc.

IDC 27 14:50:37.6, 0.7, 28.08N-139.84E, h422km, 8km, mb3.2/12, mb1 3.5/15, mb1mx3.5/19, Error ellipse: s-maj=20.1km s-min=11.7km az=91.0

MOS 27 14:50:38.0, 0.9, 28.03N-139.81E, h454km, mb4.1/4, Error ellipse: s-maj=31.8km s-min=12.1km az=113.4

JMA 27 14:50:38.1, 0.2, 29.20N-140.49E, h446km, M3.9

BUJ 27 14:50:41.2, 28.06N, 139.66E, h473km, mb4.1

NEIC 27 14:50:42.5, 1.3, 28.02N-139.74E, h483km, 14km, mb4.0/4, Error ellipse: s-maj=15.6km s-min=10.6km az=83.0

ISC 27 14:50:37.2-0.4, 28.09N-0.04-139.99E-0.09, h436km, 4km, n50, c0.88/59, mb3.8/23, 1D, Bonin Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, BSO Boso, JOW Kumigami, etc.

NEIC 27 14:58:24.5, 37.34S-177.86E, h33km, mb4.7/5, ML4.9(WEL), After WEL.

SYO 27 14:58:24.5, 37.34S-177.86E, h33km, MB4.7

WEL 27 14:58:24.7, 0.3, 37.29S-177.77E, h47km, 3km, ML4.9/6, Error ellipse: s-maj=2.5km s-min=1.7km az=0

IDC 27 14:58:25.3, 1.8, 37.91S-177.95E, h94km, 9km, mb3.4/1, mb1 4.5/2, mb1mx2.4/7, MS3.7/2, ms1mx3.8/8, Error ellipse: s-maj=48.1km s-min=26.7km az=129.0

ISC 27 14:58:22.4-0.7, 37.30S-0.04-177.93E-0.06, h47km, n140, c1928/145, mb4.6/6, MS3.6/2, 9C-20D, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HBZ Hacks Bay, WIZ White Island, URZ Urewera, etc.

WB2 Warramunga Arr 41.57 282 eP P 15 06 04.4 -2.8

WRAB Tennant Creek 41.58 282 LR P 15 06 04.8 -2.4

WRA Warramunga Arr 41.58 282 LR P 15 23 09.5

FITZ Fitzroy Crossi 49.44 278 eP P 15 07 06.8 -3.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSPA South Pole Qui, SYO Syowa Base, etc.

WEL 27 15:19:18.9, 0.6, 37.66S-177.28E, h73km, 5km, ML3.5/2, 1C, Error ellipse: s-maj=6.9km s-min=5.7km az=0.0, Off





Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations like BOD, FITZ, KAKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations like NJ2, NJ2, NJ2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations like KUR, KUR, KUR, etc.





Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like BBB, KKN, KSH, DMN, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like VRSR, REDW, AHID, PDAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like VRI, KSP, KRP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TXAR, Lajitas Array, Gray Hill, MOTA, BFO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SOI, MTLF, BLUS, DJNS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HFS, Hagfors, CLL, Colim, etc.



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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MGZ Maungaku, KATZ Kakaramea, TSZ Takapari Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFTF Sixfontaines, CABF La Chapelle, LOR Lormes, etc.

28d Oh

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNVI, LCBS, La Ceiba, etc.

ADC 27 22:10:15.4, 4.5, 2.57S, 139.98E, mb3.3/3, mb1 3/4.3, mb1mx3.4/8, Error ellipse: s-maj=188.0km s-min=27.1km az=90.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAKA, WRAB, WB2, etc.

NEIC 27 22:36:43.5, 3.33, 59S, 70.39W, h16km, ML1.8(GUC), After GUC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PCH, WRAB, WB2, etc.

ADC 27 23:02:24.0, 1.2, 30.54S, 68.58W, mb4.6/7, mb1 4/8.8, mb1mx4.7/11, ML5.6/2, MS3.8/2, Ms1 3.7/2, ms1mx3.6/12, Error ellipse: s-maj=39.4km s-min=27.0km az=6.0

NEIC 27 23:02:30.7, 0.3, 30.31S, 68.33W, mb4.9/12, Error ellipse: s-maj=7.1km s-min=5.4km az=107.0

GUC 27 23:02:30.0, 1.2, 30.37S, 68.67W, ML5.1, ISC 27 23:02:30.9, 0.9, 30.25S, 0.04, 68.32W, 0.05, h37km, 8gkm, h36km, 1.2km, p-P, n62, e-096/58, mb4.7/19, MS4.0/2, 2C-6D, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZON, TLL, CMCH, etc.

ADC 28 00:55:56.1, 2, 15.51S, 173.11W, mb3.9/5, mb1 4/2.5, mb1mx4.1/11, Error ellipse: s-maj=61.2km s-min=26.8km az=133.0

ISC 28 00:09:05.2, 6.3, 15.65S, 0.2, 173.2W, 0.3, h86km, 54km, n5, e-056/77, mb3.7/5, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ, TXAR, ILAR, YKA, etc.

BER 28 00:20:13.9, 2.8, 67.86N, 20.10E, ML1.6, Suspected explosion

HEL 28 00:20:13.4, 0.1, 67.89N, 20.19E, ML1.7, ML1.6(BER), Explosion

ISC 28 00:20:11.8, 1.0, 67.91N, 0.05, 20.08E, 0.10, n9, e-101/15, Sweden

2004 JAN

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RW3, PV10, Nelson, etc.

MAN 27 23:09:57.6, 12.17N, 123.66E, h1km, mb4.0, ML2.8, MS2.4, 1C-1D, Luzon

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

MAN 27 23:12:56.1, 11.06N, 120.66E, h9km, mb3.7, ML2.5, MS2.0, 1C, Palawan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CUYO, BUSP, ENPP, etc.

ADC 28 00:55:56.1, 2, 15.51S, 173.11W, mb3.9/5, mb1 4/2.5, mb1mx4.1/11, Error ellipse: s-maj=61.2km s-min=26.8km az=133.0

ISC 28 00:09:05.2, 6.3, 15.65S, 0.2, 173.2W, 0.3, h86km, 54km, n5, e-056/77, mb3.7/5, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ, TXAR, ILAR, YKA, etc.

BER 28 00:20:13.9, 2.8, 67.86N, 20.10E, ML1.6, Suspected explosion

HEL 28 00:20:13.4, 0.1, 67.89N, 20.19E, ML1.7, ML1.6(BER), Explosion

ISC 28 00:20:11.8, 1.0, 67.91N, 0.05, 20.08E, 0.10, n9, e-101/15, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KIF, KTK1, etc.

ADC 28 00:23:57.3, 2.0, 6.71S, 128.93E, mb3.6/1, mb1 4/2.3, mb1mx4.0/8, ML3.8/2, Error ellipse: s-maj=144.0km s-min=30.3km az=67.0, Banda Sea

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

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MKAR Makanchi Array 67.41 327 P P 00 34 57.7 -2.1

ADC 28 00:27:12.2, 0.9, 2.77S, 129.49E, mb4.4/5, mb1 4/7.6, mb1mx4.5/11, ML4.6/1, Error ellipse: s-maj=80.8km s-min=20.5km az=70.0

NEIC 28 00:27:17.7, 1.8, 2.95S, 129.33E, h39km, 16km, mb4.4/6, Error ellipse: s-maj=16.0km s-min=9.0km az=64.0

BJI 28 00:27:17.7, 2.90S, 129.30E, h39km, mb4.3, ISC 28 00:27:13.8, 2.7, 2.98S, 0.06, 129.3E, 0.1, h25km, 19km, n34, e-088/38, mb4.7/14, Seram

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAKA, FITZ, WRAB, etc.

IGL 28 00:27:12.2, 36.60N, 9.60W, h0km, ML3.4, MDD 28 00:27:14.1, 1.5, 36.70N, 9.62W, mb3.9/8, Error ellipse: s-maj=13.0km s-min=8.5km az=54.0, PRXIMO

INMG 28 00:27:16.4, 0.8, 36.58N, 9.70W, h31km, ML2.4, Error ellipse: s-maj=5.7km s-min=3.4km az=67.0

ISC 28 00:27:18.0, 1.2, 36.86N, 0.05, 9.36W, 0.07, h31km, n36, e-1945/60, West of Gibraltar

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PTEO, PALC, EGRO, etc.



Table of astronomical observations for 28 days in January 2004, covering 2 hours. Includes columns for station, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 28 days in January 2004, covering 2 hours. Includes columns for station, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 28 days in January 2004, covering 2 hours. Includes columns for station, object name, magnitude, position angle, and other parameters.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFAFT, JMOS, ALWS, AYUS, IKL, EIL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MEX 28:02:57.0, 0.3, 17.15N, 94.45W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, KAKA, WRAB, WB2, WRA, FITZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIED 28:04:46.00, 41.90N, 139.30E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CASC 28:05:18.24, 3.16, 13.79N, 91.48W, etc.

WAR 28:06:02:41.8, 50.24N:19.04E, h1km, Location given by Central Institute of Mining, origin time based upon 1944

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

MAN 28:06:11:16.5, 14.72N:119.44E, h22km, mb3.9, ML2.7, MS2.3, 1C, Luzon

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

MOS 28:06:37:03.1, 2.6, 38.21N:77.01E, h33km, mb4.0/1, Error ellipse: s-maj=36.1km s-min=12.1km az=91.4

BUI 28:06:37:13.6, 39.29N:77.21E, h20km, mb4.5, ML4.5, Ms3.9, Ms2.4

NNC 28:06:37:13.5, 7.2, 39.29N:76.90E, mpv3.9, Error ellipse: s-maj=84.4km s-min=29.8km az=174.0

IDC 28:06:37:16.4, 2.7, 39.69N:76.74E, mb3.7/2, mb1.3.8/4, mb1mx3.6/1.4, ML3.3/2, MS3.2/2, Ms1.3/2, ms1.1/2, Error ellipse: s-maj=51.5km s-min=31.2km az=131.0

ISC 28:06:37:12.6, 0.3, 39.15N:0.03, 77.26E, 0.06, h20km, n46, 0.13S0/4, mb3.6/2, MS3.5/1, 1C-2D, Southern Xinjiang

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

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

AAK Ala-Archa SNR=14 4.07 330 P Pn 06 38 21.5 +0.5

AAA Alma-Ata 4.13 357 eP Pn 06 38 12.1 +5.9

28d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, BRVK Borovoye, ZRKN Zerenada, etc.

NEIC 28 07:13:18.0-0.7, 11.30S; 118.64E, h36km, 22km, mb4.1/2, Error ellipse: s-maj=15.5km s-min=7.2km az=215.0

DJA 28 07:13:18.0-0.9, 11.60S; 118.32E, h15km, 18.0/4, M5.5/2.4, Error ellipse: s-maj=47.3km s-min=17.5km az=45.0

ISC 28 07:13:16.3-1.4, 11.33S, 0.1x118.56E, 0.10, h39km, 32km, n11, r124/18, mb4.3/1, 3C-3D, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEDI Kedondong, RATI Rata, INGI Ingas, etc.

JMA 28 07:13:38.0-0.2, 43.95N; 148.25E, h9km, M3.6, East of Kurii Islands

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

IDC 28 07:18:10.0-6.0, 0.59S; 148.94E, mb3.3/3, mb1 3.6/3, mb1mx3.6/7, MS3.9/1, M1 3.9/1, ms1mx3.9/3, Error ellipse: s-maj=185.0km s-min=35.2km az=104.0

NEIC 28 07:18:13.8-3.2, 5.61S; 150.32E, h89km, 26km, mb4.0/5, Error ellipse: s-maj=35.6km s-min=21.6km az=99.0

ISC 28 07:18:14.0-3.3, 5.65S; 0.2-150.2E, 0.2, h103km, 27km, n15, r124/14, mb3.6/5, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAO Charters Tower, KAKA Kakadu, etc.

IDC 28 07:18:10.4-1.1, 5.47S; 151.84E, mb4.6/8, mb1 4.8/8, mb1mx4.8/10, Error ellipse: s-maj=60.7km s-min=21.8km az=127.0

NEIC 28 07:18:22.6-2.2, 5.61S; 151.62E, h96km, 19km, mb4.7/7, Error ellipse: s-maj=18.4km s-min=11.7km az=106.0

ISC 28 07:18:21.1-2.8, 5.64S; 0.10x151.7E, 0.1, h96km, 24km, n34, r0994/36, mb4.6/16, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAO Charters Tower, KAKA Kakadu, etc.

2004 JAN

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KAKA Tennant Creek, WRAB Warramunga Arr, WB2 Warramunga Arr, etc.

IDC 28 07:22:18.7-2.2, 4.93S; 151.28E, mb3.9/3, mb1 4.1/3, mb1mx4.0/6, Error ellipse: s-maj=92.4km s-min=35.5km az=117.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

BUI 28 07:41:02.9, 4.38S; 153.76E, h19km, mb5.3, mb5.1, Ms4.3, Ms2.4

MOS 28 07:41:02.0, 4.84S; 153.65E, h33km, mb5.2/11, Error ellipse: s-maj=14.3km s-min=9.6km az=79.3

NEIC 28 07:41:04.0, 6.0, 4.91S; 153.58E, mb5.1/6, Error ellipse: s-maj=11.3km s-min=6.5km az=106.0

IDC 28 07:41:08.0-0.7, 4.93S; 153.56E, h27km, mb4.5/10, mb1 4.5/10, mb1mx4.5/11, MS3.8/4, M1 3.8/4, ms1mx3.7/13, Error ellipse: s-maj=22.5km s-min=15.0km az=85.0

ISC 28 07:41:03.4-1.8, 4.95S; 0.05x153.58E, 0.07, h39km, 15km, h37km, 1.2km, pp-P, n103, r107/102, mb5.0/43, MS4.0/10, 8C-10, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAU Wau, PMG Port Moresby, CTAO Charters Tower, etc.

KAKA Tennant Creek, WRAB Warramunga Arr, WB2 Warramunga Arr, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, etc.

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Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like GYA Guiyang, NANT Nanterre, XAN Xi'an, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

ZAK Zakamensk, ARCES ARCES Array B, GERES GERES Array B, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Chkalovo, Borovoye, Zerenda, Yellowknife Ar, etc.

TAP 28:07:55-39.8, 23.06N-120.93E, h6km, ML4.0, 5C-6D, Taiwan

Main table for Taiwan event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations and their recorded data points.

IDC 28:08:07:33.6, 3.4, 10.07Sx118.75E, mb3.6/1, mb1 3.3/3, mb1mx3.6/3, ML2.9/2, Error ellipse: s-maj=269.0km s-min=28.5km az=49.0

DJA 28:08:07:38.4, 8.69Sx118.95E, h225km, MD4.6/3, ML4.3/3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 28:08:07:40.6, 2.1, 19.23Sx118.7E, 0.5, h82km, 39km, n6, s1903/7, mb3.4/1, 1C-3D, South of Sumbawa

Table for South of Sumbawa event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KEDI, RATI, KALI, WRA, ASAR, MKAR, etc.

LGD 28:08:09:32.8, 0.2, 13.40Sx167.42E, h10km, Mb4.9/3, Error ellipse: s-maj=32.4km s-min=12.4km az=89.0

BUI 28:08:09:50.7, 13.93Sx167.72E, h177km, mb4.9, mb4.8

NEIC 28:09:51.9, 0.3, 14.52Sx167.34E, mb4.6/15, Error ellipse: s-maj=10.7km s-min=8.2km az=132.0

IDC 28:08:09:51.4, 0.8, 14.50Sx167.23E, h180km, 6km, mb4.1/9, mb1 4.3/9, mb1mx4.2/11, Error ellipse: s-maj=20.0km s-min=14.9km az=124.0

ISC 28:08:09:50.4, 0.4, 14.60Sx107.167.24E, 0.08, h179km, h179km, 3.2km, pp-P, n94, s1904/48, mb4.5/26, 3C-1D, Vanuatu Islands

Main table for Vanuatu Islands event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Port Vila, Port Moresby, Charters Tower, etc.

Table for 28d 9h event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like AVF, SGFM, ROSF, BGF, MBDF, etc.

NEIC 28:09:01:46.8, 7.0, 36.77Nx3.59E, h10km, Error ellipse: s-maj=79.2km s-min=14.1km az=137.0

MDD 28:09:01:50.1, 0.8, 36.91Nx3.28E, mb4.1/10, Error ellipse: s-maj=9.2km s-min=5.8km az=98.0, PRXIMO, Northern Algeria

Main table for Northern Algeria event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EMDH, ECHF, EANR, EIBI, etc.

THR 28:09:06:43.6, 0.3, 26.93Nx57.38E, h15km, ML4.6

BUI 28:09:06:43.8, 27.20N-56.77E, h25km, mb5.3, mb5.4, Ms5.1, Ms2.8

DHMR 28:09:06:44.8, 2.6, 26.87N-57.57E, h25km, mb5.2

IDC 28:09:06:45.4, 0.6, 26.98N-57.56E, mb5.2/23, mb1 5.3/24, mb1mx5.3/24, ML5.2/1, MS4.6/14, Ms1 4.2/14, ms1mx4.5/21, Error ellipse: s-maj=16.5km s-min=12.7km az=13.0

NEIC 28:09:06:49.0, 0.2, 26.88N-57.51E, mb5.2/109, MS4.8/52, Error ellipse: s-maj=5.8km s-min=3.3km az=192.0

NEIC Feat at Jatroton and Minakani

SYO 28:09:06:48.0, 26.88N-57.51E, h26km, Mb5.2, MS4.8

HRVD 28:09:06:49.0, 0.2, 26.75N-57.66E, h30km, 1km, MW5.2/64, Centroid moment tensor Solution. Lip body waves: s27, c38, Mantle waves: s64, c94; LL duration: 0. Moment tensor: Scale 10^16Nm; Mr2.4Bt.30; Mw4.17z.23; Mw-6.65z.23; Ms3.11z.42; Mw2.76z.20; Mw-0.84z.37; Best double couple: Mw.17x10^16 NP1.20z.859; 1.61P. NP2.0z.127; 673; 1.32z. Principal axes: T.677, Plg34; Azm351; N.479, Plg54; Azm151; P.-7.57, Plg9; Azm254; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 28:09:06:49.2, 0.8, 27.06N-57.54E, h33km, mb5.5/39, MS4.5/27, Error ellipse: s-maj=7.9km s-min=4.3km az=112.5

CSEM 28:09:06:51.1, 26.86N-57.46E, h60km, mb5.5

ISC 28:09:06:48.0, 0.7, 26.93Nx103.57.47E, 0.02, h20km, 5km, h26km, 1.0km, pp-P, n51, s1908/509, mb5.2/180, MS4.8/90, 50C-3D, Southern Iran

Table for Southern Iran event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ZHSF, ZHFS, ZHSF, etc.

Table with columns for station name, time, power, and other technical details. Includes stations like HASS Wahat al Ahsa', KBD KBD, QUET Quetta, NAY Umm Al-Rimam, RST Umm Al-Ruwaisa, ABKT Ailbek, etc.

Table with columns for station name, time, power, and other technical details. Includes stations like KIV Kislodovsk, KIV Kislodovsk, KIV Kislodovsk, AAK Ala-Archa, CEYT Ceyhan, etc.

Table with columns for station name, time, power, and other technical details. Includes stations like VRSR Storzhevoye, VOR Voronezh, KURK Kurchatov, ARU Arti, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GTA, VAE, MORC, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BRG, KAF, CTI, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MUD, WTBS, ENH, etc.

Table with columns: TIA, Tai'an, 50.97, 64, P, AMB, 09 15 49.5 +0.4, etc. Lists various astronomical objects and their properties.

Table with columns: Yakutsk, 58.27, 32, eP, P, 09 16 39.8 -2.3, etc. Lists various astronomical objects and their properties.

Table with columns: WRAB, Warramunga Arr, 87.83, 114, P, 09 19 36.2 -0.2, etc. Lists various astronomical objects and their properties.

NIED 28 09:12:00, 37.90N, 143.40E, h11km, Mw3.9 Best double couple: M8.65x10^14 NP1.333, 880, 1.67. NP2.222, 825, 1.57. IDC 28 09:12:23.03, 34.0, 31.36N, 143.40E, mb3.9, mb1 4.1/4, mb1mx3.8/1.5, Error ellipse: s-maj=924.0km s-min=102.1km az=175.0



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JMA 28 09:12:51, 7.0, 1.37, 94N;143.40E, h42km, M4.1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes PRE 28 09:15:43.4, 1.6, 26.45S;27.27E, h2km, ML3.6, South Africa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes DJA 28 09:16:33.5, 1.6, 8.53S;116.93E, h80km, MD4.7/3, 2C-3D, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes THR 28 09:33:14.0, 3.0, 2.7, 14N;57.00E, h15km, MD1.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ZHSF Zahedan, 4.01 48 ePn, SN, 09 35 15.8 -18, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes BRVK comp=Z.7,0nm,1.6s,mb4.0, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ZAL Zeleznobraz, 33.71 29 P, 09 40 12.4 -1.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes HFS Hagfors, 44.50 330 P, 09 41 43.7 +0.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes BILL Bilbino, 72.02 22 eP, 09 44 55.7 -0.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WEL 28 09:43:14.0, 4.0, 43.59S;174.37E, h12km, ML3.5/15.4C, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes DSZ Waitaha Valley, 2.70 280 PN, 09 44 29.2 -0.6, etc.

HEL 28 09:59:39.1, 0.2, 64.68N;30.79E, ML2.2, ML2.2(NAO), Eruption

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes MSF Maaselka, 1.35 334 eP, 09 40 04.7 +1.6, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ARAO Apatity Array S, 3.85 214 eP, 10 01 26.8 +0.8, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ARAO Apatity Array S, 3.85 214 eP, 10 01 26.8 +0.8, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ARAO Apatity Array S, 5.22 340 Pn, 10 01 56.6 -3.7, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ARAO Apatity Array S, 5.22 340 eP, 10 01 56.6 +0.2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes ARAO Apatity Array S, 5.22 340 Pn, 10 01 56.6 -3.7, etc.

NEIC 28 10:00:20.7, 0.9, 33.33S;72.59W, h30km, ML4.1(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IHA Instituto Hidr, 0.85 69 iP, 10 00 36.3 -0.4, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes PUEX Pudahuel, 1.53 95 iP, 10 00 47.4 +0.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes PUEX Pudahuel, 1.53 95 iP, 10 00 47.4 +0.9, etc.

28d 10h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CACH El Canelo, FCH Farellones, LMEL Las Melosas, etc.

MOS 28 10:10:23.9±1.0, 5.57S-151.82E, h33km, mb5.0/20, MS4.8/7, Error ellipse: s-maj=15.1km s-min=8.7km az=72.9
IDC 28 10:10:23.1±4.6, 5.62S-151.84E, h19km, mb4.7/15, mb1 4.9/15, mb1mx4.8/16, MS4.8/11, Ms1 4.9/11, ms1mx4.8/14, Error ellipse: s-maj=22.9km s-min=13.6km az=113.0
BUJ 28 10:10:25.5, 5.33S-152.17E, h47km, mb5.3, mb4.9, Ms5.1, MS25.0
NEIC 28 10:10:26.9±0.9, 5.61S-151.80E, h48km, mb5.1/17, MS5.3/83, MW5.5, Error ellipse: s-maj=8.9km s-min=4.9km az=117.0, Moment Tensor Solution: s17 Moment tensor: Scale 1017Nm; Mr1.15; Mw-1.43; Mo-0.28; M-1.51; Mw-0.20; Mw-0.47; Best double couple: Mo2.1x1017 NP1:φ=242°, δ24°, λ52°. NP2:φ=103°, δ71°, λ106°. Principal axes: T2, Plg61°, Azm35°; N.13, Plg15°, Azm277°; P-2.12, Plg25°, Azm180°
SYO 28 10:10:26.8, 5.61S-151.80E, h48km, MB5.1, MS5.3
HRVD 28 10:10:26.9±0.1, 5.90S-152.00E, h13km, MW5.5/77, Centroidal moment Tensor Solution: LP body waves: s69, c128, Mantle waves: s77, c157. Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr1.45±.02; Mw-1.54±.02; Mw0.10±.02; Mw1.57±.05; Mw-0.25±.02; Mw0.32±.06; Best double couple: Mo2.2x1017 NP1:φ=264°, δ22°, λ95°. NP2:φ=79°, δ68°, λ88°. Principal axes: T2.14, Plg67°, Azm346°; N.13, Plg2°, Azm80°; P-2.27, Plg23°, Azm171°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
ISC 28 10:10:24.4±0.9, 5.68S-104.151.89E±0.05, h39km, 8km, h42km±4.6km, pP-P, n207, s199/139, mb4.9/50, MS5.2/108, 5C, New Britain region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RAB Rabaul, KMBE Kimbe, PMG Port Moresby, CTA Charters Tower, etc.

2004 JAN

Table with columns: SSE, Station Name, Az, El, P, S, Time, Res. Includes stations like Nanjing, Yuzh-Sakhalins, Mudanjiang, etc.

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Table with columns: HIA, Station Name, Az, El, P, S, Time, Res. Includes stations like Hailar, Magadan, Ulaanbaatar, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details for stations 585.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details for stations 2004 JAN.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details for stations 28d 11h.

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

NAO 28 11:13:33.4.4.2, 60.04N-4.62E, ML2.6
BER 28 11:13:36.2.3.8, 60.07N-4.59E, MD2.0, ML1.9,
ML2.6(NAO), Explosion

NEIC 28 11:13:37.1, 60.08N-4.61E, ML1.9(BER), After BER.

ISC 28 11:13:34.5-0.9, 60.08N-0.02-4.6E, 0.1, n22, e112/37, 2C,

Southern Norway

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Espesund, Bergen, Askoy, etc.

NAO 28 11:25:21.9-8.0, 60.08N-4.62E, h16km-43km, ML2.5
BER 28 11:25:22.8-3.9, 60.08N-4.58E, MD2.2, ML2.0,
ML2.5(NAO), Explosion

NEIC 28 11:25:23.7, 60.10N-4.70E, ML2.0(BER), After BER.

ISC 28 11:25:21.9-8.0, 60.09N-0.02-4.83E, 0.1, n19, e139/33,

1C, Southern Norway

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Espesund, Bergen, Askoy, etc.

HFS FINESS Array S 10.47 73 Pn P 11 27 52.9 -3.3

ICC 28 11:39:17.9-1.5, 5.72S: 152.04E, mb4.3/5, mb1 4.5/5,
mb1mx4.7, Error ellipse: s-maj=84.9km s-min=28.3km
az=126.0

NEIC 28 11:39:25.3-1.4, 5.63S: 151.87E, h53km, 10km, mb4.4/3,
Error ellipse: s-maj=33.0km s-min=7.5km az=123.0

ISC 28 11:39:24.5-1.9, 5.65S-0.2, 151.8E, 0.2, h58km, 13km, n16,

0652/17, mb4.2/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Port Moresby, Kakadu, etc.

ICC 28 12:18:11.4-3.6, 32.23N: 151.79E, mb3.8/10, mb1 4.0/11,
mb1mx3.9/19, ML4.1/1, Error ellipse: s-maj=80.3km
s-min=24.1km az=174.0

KISR 28 12:18:11.8-0.8, 31.85N: 152.10E, h33km, ML3.6

ISC 28 12:18:14.0-3.1, 32.23N: 150.51E, 0.1, h26km, 25km,

n17, r106/20, mb3.9/11, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Umh Al-Rimmam, KBD, etc.

ICC 28 12:42:31.2-2.2, 11.72N-86.52W, mb3.9/6, mb1 4.2/6,
mb1mx4.0/14, MS3.2/1, Ms1 3.2/1, ms1mx2.8/18, Error
ellipse: s-maj=57.0km s-min=47.8km az=68.0

CASC 28 12:42:32.6-2.4, 10.96N: 87.02W, h52km, 164km, MD4.3,
ML3.6

ISC 28 12:42:32.0-2.0, 10.95N: 0.06-87.01W, 0.06, h58km, 9km,

n37, r092/40, mb3.9/6, 13C-10D, Off coast of Costa Rica

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

PRE 28 12:45:12.6-1.9, 26.20S: 28.35E, h2km, ML3.6, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Silverton, Belfast (SA), etc.

ICC 28 13:04:42.8-1.8, 32.11S: 178.30W, mb4.6/2, mb1 4.8/4,
mb1mx4.5/11, ML4.4/2, MS3.7/1, Ms1 3.7/1, ms1mx3.0/11,
Error ellipse: s-maj=54.7km s-min=30.8km az=123.0

NEIC 28 13:04:45.0-0.8, 31.60S: 178.60W, h10km, mb4.9/4, Error
ellipse: s-maj=18.6km s-min=11.8km az=93.0

ISC 28 13:04:54.4-1.2, 32.68S-0.05-178.6W, 0.2, h100km, n65,

0164/76, mb4.7/6, 1C, South of Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, HFS Haglors, GERES GERES Array B, INK Inuvik.

Table for South of Bali region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INGI Ingas, KELI Kelakatan, RATI Rata, KEDI Kedondong.

WAR 28 13:26:10.5, 51.45N, 16.16E, ML2.8, Mining Induced NEIC 28 13:26:11.0, 51.42, 51.37N, 16.13E, h3km, ML2.9(WAR), Error ellipse: s-maj=12.7km s-min=5.3km az=195.0

Table for Poland region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KSP Ksiaz, UPC Ujcie, DPC Dobruska-Polom, PVCC Panska Ves, PRU Pruhonice.

Table for MORCV Moravsky Berou Colim region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORCV Moravsky Berou Colim, OKC Ostrava-Krasne, NKC Novy Kostel, OJC Ojcow, KHC Kasperske Hory, MOX Moxa.

NEIC 28 13:27:17.8, 16.98N, 94.52W, h147km, MD3.8(MEX), After MEX. MEX 28 13:27:18.7, 1.4, 16.71N, 94.28W, h125km, 19km, MD3.8, IC, Oaxaca

Table for IC, Oaxaca region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, HUIG Huatulco, OXX Oaxaca, VHO Vista Hermosa.

PGC 28 13:36:02.4, 65.22N, 133.10W, h1km, ML3.2/4, Mackenzie Mountains, Yukon Territory, Northern Yukon Territory

Table for Mackenzie Mountains region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAWY Dawson, INK Inuvik, WHY Whitehorse, HYT Haines Junctio, DLBC Dease Lake, YKWK Yellowknife Ar, RES Resolute Bay.

NNC 28 13:42:40.7, 5.36, 86N, 70.41E, h86km, 69km, mpv4.0, Error ellipse: s-maj=49.0km s-min=40.6km az=67.0

Table for Karatay Array region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, MK31 Makanchi Array, GKN Gorkha, DMN Daman, PUKI Pulchoki, GUNB Gumba, AB31 Akbulak array, JIRN Jiri, ZRNK Zerenda, CHKZ Chikatovo.

mb1mx3.9/18, ML3.9/1, Error ellipse: s-maj=103.0km s-min=29.9km az=178.0

Table for mb1mx3.9/18 region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UMR Umm Al-Rimmam, KBD KBD, RST Umm Al-Ruwaisa, NAY Al-Naaien, RDF Al-Radifah, QRN Al-Qurain, ASF Jabal Al-Asfar, MLR Muntele Ros, MKAR Makanchi Array, FINES FINESS Array B, HFS Haglors, NB2 NORSAR Subarra, NOA NORSAR Array B, SPITS Spitsbergen Ar.

Table for NEIC 28 14:23:19.8 region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, LSP Las Mesas, MGP Maguayo, MGP Maguayo, LRS Lares, AOPR Arcelbio Observ, AOPR Arcelbio Observ, PORP Portoviejo, OBIP Obispado Ponce, OBIP Obispado Ponce, CELP Cerrillos, ICM Isla Caja Muer, ICM Colonia Sabana, SJG San Juan, CPD Cerro La Pandu, CBVP Canovanas, HUMP Col San Antoni, MTP Monte Pirata.

NEIC 28 14:23:19.8, 18.36N, 68.77W, h184km, MD3.5(RSPR), After RSPR. RSPR 28 14:23:19.8, 18.36N, 68.77W, h184km, 2km, M3.5, 13C-2D, Monz Passage

Table for Monz Passage region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, LSP Las Mesas, MGP Maguayo, MGP Maguayo, LRS Lares, AOPR Arcelbio Observ, AOPR Arcelbio Observ, PORP Portoviejo, OBIP Obispado Ponce, OBIP Obispado Ponce, CELP Cerrillos, ICM Isla Caja Muer, ICM Colonia Sabana, SJG San Juan, CPD Cerro La Pandu, CBVP Canovanas, HUMP Col San Antoni, MTP Monte Pirata.

IDC 28 14:28:48.6, 1.9, 7.93N, 37.40W, mb3.9/6, mb1 4/3/6, mb1mx4.0/15, MS3.7/3, M3.1 3/73, mb1mx3.5/19, Error ellipse: s-maj=64.6km s-min=26.7km az=131.0

Table for IDC 28 14:28:48.6 region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ La Paz, CPUP Villa Florida, NOA NORSAR Array B, TXAR Lajitas Array, PDAR Pinedale Array, PDAR Pinedale Array, YKA Yellowknife Ar, NNC 28 14:55:52.7, 49.0, 41.20N, 73.73E, h6km, 189km, mpv3.1, Error ellipse: s-maj=402.4km s-min=390.1km az=129.0

ISC 28 14:55:44.6, 4.9, 40.1N, 110.47E, 0.1, h10km, n12, 0.077/11, 3C, Kyrgyzstan

Table for IDC 28 15:05:31.9 region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayay, UCH Uchtor, EK52 Erkin-Say, KZA Zhetysay, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, ULHL Ulhal, USP Oshpenovka, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, AB31 Akbulak array, ISK 28 15:05:31.9, 35.57N, 33.21E, h9km, MD3.0, NEIC 28 15:05:35.2, 35.50N, 33.16E, h31km, ML2.9(NIC), After NIC, NNC 28 15:05:35.0, 2.0, 35.50N, 33.16E, h31km, ML2.9, MW2.7, Error ellipse: s-maj=134.2km s-min=104.3km az=172.0, 0.078/18, 2D, Cyprus region

Table for Cyprus region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAMC Mammari, LFK Lefkose, LEF Lefka, LEF Lefka.

Table for CSS Prodhromos region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CSS Prodhromos, ALFC Alevega, ALFC Alevega, ALFC Souni-Zanaja, SZAC Souni-Zanaja, SZAC Souni-Zanaja, IKL Isikli, IKL Isikli, AKMC Akamas, AKMC Akamas, AKMC Paralimni, PHNC Paralimni, PHNC Paphos, PPCY Paphos.

IDC 28 15:05:32.2, 2.3, 5.14S, 151.92E, mb3.8/3, mb1 4/0/3, mb1mx3.9/8, MS3.7/1, M3.1 3/71, mb1mx3.0/13, Error ellipse: s-maj=96.3km s-min=32.6km az=118.0, Britain region

Table for Britain region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, TGY Tagaytay City, MKAR Makanchi Array, ILAR Eielson Array.

IDC 28 15:07:07.2, 2.2, 5.62N, 94.58E, mb3.8/7, mb1 3/9/7, mb1mx3.8/13, Error ellipse: s-maj=135.0km s-min=19.6km az=54.0

ISC 28 15:07:10.8, 2.2, 5.8N, 0.5, 94.8E, 0.7, h33km, n7, 0.081/177, mb3.8/7, Northern Sumatera

Table for Northern Sumatera region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, WRA Wararung Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, FINES FINESS Array B, ARCES ARCES Array B.

IDC 28 15:07:18.8, 1.0, 51.57N, 177.72W, h36km, 7km, mb3.7/7, mb1 4/1/8, mb1mx3.9/18, ML3.5/1, MS3.6/2, M3.1 3.6/2, ms1mx3.2/22, Error ellipse: s-maj=34.7km s-min=18.8km az=100.0

NEIC 28 15:07:20.2, 51.30N, 177.54W, h20km, 7.0, h3.7(AEIC), After AEIC

ISC 28 15:07:17.0, 0.8, 51.23N, 10.97W, 177.71W, 0.07, h34km, h34km, 2.2km, p-P, n30, 0.109/34, mb3.9/7, MS3.5/2, Andreanof Islands

Table for Andreanof Islands region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, KIWB Kanaga Island, KIKV Kanaga Island, KIRH Kanaga Island, KINC Kanaga Island, ADK Adak, ADAG Mount Adagad, ETKA Kagalaska Island, GSKC Great Sitkin I, GSKC Great Sitkin T, GSKT Great Sitkin S, GSSP Great Sitkin S, GSMY Great Sitkin M, GSTR Great Sitkin T, GSGR Igkitin Island, ATKA Atka Island, ATKA Atka Island, FX1 Attu Island-F, FX1 Attu Island-F, FX1 Attu Island-F, IMA Indian Mountain, MCK McKinley, ILAR Eielson Array, ILAR Eielson Array, INK Inuvik, INK Inuvik, INK Inuvik, DLBC Dease Lake, YKA Yellowknife Ar, YKA Yellowknife Ar, NEW Newport, NEW Newport, NEW Newport, PDAR Pinedale Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, MKAR Makanchi Array, ASAR Alice Springs, ASAR Alice Springs.

NEIC 28 15:32:26.6, 4.7, 76N, 7.77E, h10km, ML3.1(VIE), ML2.9(LDG), ML2.7(LEDWB), ML2.6(STR), ML2.4(SZGRF), After STR. STR 28 15:32:26.6, 0.2, 4.7, 76N, 7.77E, h10km, 1km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LEDBW 28 15:32:27.0, 1.4, 7.78N, 7.77E, h5km, 1km, ML2.6, Error ellipse: s-maj=2.0km s-min=1.0km az=114.0

BGR 28 15:32:27.0, 4.0, 4.7, 76N, 7.77E, h10km, ML2.5/6, Error ellipse: s-maj=4.4km s-min=2.2km az=36.0

ZUR 28 15:32:27.1, 4.7, 77N, 7.77E, h8km, ML2.3/11, LDG 28 15:32:27.0, 0.0, 4.7, 77N, 7.76E, h10km, Md3.1/3, ML2.9/17, Error ellipse: s-maj=0.7km s-min=0.5km az=132.0

ISC 28 15:32:25.0, 0.2, 4.7, 79N, 0.01, 7.70E, 0.01, h8km, n100, 0.144/208, 13C-21D, Switzerland

Table for Switzerland region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FELD Feldberg, FELD Feldberg, KIZ Kirchzarten, KIZ Kirchzarten, KIZ Kirchzarten, KIZ Kirchzarten.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Freiburg, Basel-Blauen, Sulz, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like MEZSF, Ruppelstein, Sindelford, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Piedade, Serra de Santa, ASBA, etc.

SVSA 28 15:47:43.9; 1.1, 3.9, 13N; 28.34W, mb4.1/12, mb1 4.3/13, mb1 mx4.1/20, ML4.9/1, MS3.9/12, Ms1 3.9/12, ms1mx3.7/24, Error ellipse: s-maj=29.6km s-min=19.9km az=163.0

NEIC 28 15:47:45.0; 0.7, 3.9, 11N; 28.38W, h10km, Error ellipse: s-maj=19.8km s-min=11.4km az=171.0

SVSA 28 15:47:46.1; 1.0, 3.9, 11N; 28.25W, h7km, MD4.0, ML4.3, Error ellipse: s-maj=3.6km s-min=1.9km az=148.0

ISC 28 15:47:44.8; 0.5, 39.07N; 0.03, 28.20W; 0.03, h23km; 24km, n61, 0; 69/72, mb4.1/12, MS4.0/11, Azores Islands

Code Station Name Az AzZ Phase ID Time Res

STGR Santa Cruz 0.15 84 Op ISC 15 47 48.8 +0.2

PGRA Graciosa 0.17 102 P Pb 15 47 50.0 +0.2

ROSA Rosais 0.35 186 P Pb 15 47 52.9 +0.6

PMAN Manadas 0.44 169 eS Sb 15 47 58.2 +0.7

TOPO Topo 0.52 155 eP Sb 15 47 55.4 +0.2

PCED Cedros 0.59 222 I P Sb 15 47 54.1 +0.4

PICO Pico 0.59 198 I P Pb 15 47 56.4 +0.1

PPNO Prahna do Nor 0.59 185 I P Sb 15 47 56.6 +0.2

ICALA Caldeira 0.62 219 I P Pb 15 47 56.8 -0.1

ICB Ribeirinha 0.62 214 I P Pb 15 47 57.3 +0.4











Table with columns: LRAL, Lakeview Retre, 126.81, 49, PFAKE, LR, 19 24 50.0 +4.7, etc. Includes various station codes and coordinates.

Table with columns: IM3, Indian Mountai, 5.28 347, P, P, 19 11 03.6 -1.3, etc. Lists station names and their associated data.

Table with columns: ENA, Nanjuang, 1.69 360, S, Sn, 19 14 17.6 +2.6, etc. Lists station names and their associated data.

BUI 28 19:09:45.0, 60.90N, 150.90W, h34km, mb4.0, mb4.3, IDC 28 19:09:47.5, 1.4, 60.94N, 151.44W, h74km, mb3.7, mb1 3.8/13, mb1mx3.7/21, MS3.2/1, MS1 3/2,1, ms1mx2.6/27, Error ellipse: s-maj=23.7km s-min=14.3km az=81.0

NEIC 28 19:09:48.6, 60.87N, 150.89W, h34km, mb4.2/3, ML3.8(AEIC), ML3.8(PMR), After AEIC. NEIC Felt [III] at Anchorage.

ISC 28 19:09:48.8, 0.2, 60.89N, 0.02, 150.88W, 0.04, h65km, 3km, h73km, 3.5km, p-P, n90, o:098/109, mb4.0/11, Kenai Peninsula

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

NIED 28 19:13:00, 22.80N, 120.90E, h8km, Mw5.1 Best double couple: M5.3x1016 NPI:303°, 857°, A-115°. NPZ: 0, 164°, 841°, 57°.

TAP 28 19:13:24, 22.99N, 120.95E, h7km, 1km, ML5.2 TAP Felt III J at Pinlang, III J at Lidau, IV J at Tauyuan, III J at Taitung, II J at Jiahsian, III J at Sandimen, III J at Taimali, II J at Chengung, II J at Dapu, I J at Nanshi, I J at Yuli, I J at Tsauhsan, II J at Jiour, I J at Tungshan, I J at Shoushan, II J at Alishan, II J at Shinhua, I J at Hungye, I J at Yungkuang, I J at Fangliang, II J at Chiayi, I J at Kaohsiung, I J at Gukue, I J at Ruyetan, I J at Yuchr, I J at Mingjian, II J at Zhen, I J at Dacheng, I J at Hualien, I J at Tachien, I J at Lyutan.

JMA 28 19:13:24.8, 0.4, 22.77N, 120.95E, h50km, M4.6 IDC 28 19:13:24.6, 0.5, 22.91N, 121.10E, mb4.6/20, mb1 4.7/21, mb1mx4.7/25, ML4.1/1, Error ellipse: s-maj=20.9km s-min=14.1km az=64.0

BUI 28 19:13:27.9, 23.13N, 120.85E, h15km, mb5.1, mb4.6, ML5.0, Ms5.1, Ms4.9 MOS 28 19:13:27.9, 0.9, 22.89N, 121.02E, h33km, mb5.0/26, MS5.1/9, Error ellipse: s-maj=13.8km s-min=6.7km az=110.1

NEIC 28 19:13:29.0, 2.4, 22.89N, 121.03E, h29km, 16km, mb4.7/22, ML5.2(TAP), Error ellipse: s-maj=7.7km s-min=5.5km az=73.0

NEIC Felt at Kao-hsiung. Recorded [4 TAP] in Kao-hsiung; [3 TAP] in Ping-tung and Tai-tung; [2 TAP] in Chia-i, Tai-nan and Yun-lin; [1 TAP] in Chang-hua, Hua-lien and Nan-tou Counties.

ISC 28 19:13:25.5, 0.3, 22.93N, 0.01x121.02E, 0.02, h13km, 2km, n214, o192/255, mb4.7/57, MS4.8/9, 6C-17D, Taiwan region

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

JTK NJ2 Tokunoshima 8.65 54 P P 19 15 28.9 -4.3

JTK NJ2 Nanjing 9.29 349 AP P 19 15 39.0 -3.0

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

JAM WHN Amami Oshima 9.47 53 P P 19 15 39.7 -4.9

JAM WHN Wuhan 9.64 323 P S Sn 19 15 45.5 -1.5

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like LZH, JODJ, MAJO, MAT, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WB2, ASPA, ASAR, BVAR, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SKO, PVCC, PRU, CLL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes TAP 28 19:14:15.7, 23.09N:120.93E, h12km, ML3.9.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes TAP 28 19:14:46.9, 22.99N:120.93E, h1km, ML3.5.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes TAP 28 19:17:24.5, 0.8, 22.93N:121.21E, mb4.1/12, mb1 4.2/13.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes TAP 28 19:17:26.3, 22.99N:120.92E, h7km, ML4.6.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like KAUI, TAI1, CHNS, etc.

TAP 28 19:22:27.7, 23.01N, 120.95E, h2km, ML3.7, Taiwan
NIED 28 19:34:00, 23.00N, 121.10E, h11km, Mw4.7 Best double couple: M0.131x10^16 NP1...delta70, lambda-125. NP2: alpha181, delta0, lambda-32.
IDC 28 19:34:48.0-0.7, 22.83N, 121.03E, mb4.3/13, mb1 4.4/15, mb1mx4.4/19, ML3.8/1, MS3.9/3, Ms1 3.9/3, ms1mx3.6/27, Error ellipse: s-maj=29.2km s-min=18.4km az=68.0
TAP 28 19:34:49.8, 23.01N, 120.95E, h2km, ML3.7, Taiwan
TAP Felt III J at Lidau, III J at Taoyuan, II J at Pinlang, II J at Taitung, I J at Jiashan, II J at Sandimen, II J at Dapu, II J

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like TWP, TTN, ELDTW, etc.

JOW baz=113,slow=27,SNR=1.8
JOW Sun Moon Lake 7.64 58 P Pn 19 36 59.4 -4.4
SSE Sheshan 8.14 1 P Pn 19 36 50.0 -0.8
SSE S S S 19 38 23.3 0.0
SSE comp=N,71nm,0.9s S Sn
SSE comp=E,103nm,0.9s S Sn
SSE comp=N,1um,10.3s LR LR
SSE comp=N,5um,12.4s LR LR
SSE comp=E,937nm,10.2s LR LR
SSE comp=Z,2um,11.0s LR LR

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Band, Mode, and other technical details. Includes stations like JTK, TGY, NJ2, etc.

YSS Yuzh-Sakhalins 29.68 31 eP P 19 40 58.0 +0.6
ZAK Zakhakmsk 30.72 338 eP P 19 41 07.0 +0.7
ZAK Jiri 31.79 286 eP P 19 41 04.0 0.0
ZAK comp=Z,1.7nm,1.0s,mb4.2 S Sn
Gumba 30.07 286 eP P 19 41 18.9 +0.3
PKI comp=Z,2.1nm,0.9s,mb5.0 S Sn
GKI Pulchoki 32.48 286 eP P 19 41 22.0 -0.2
KKN Kakan 32.59 286 eP P 19 41 22.9 -0.3
MOY Mondy 32.60 337 eP P 19 41 24.2 +1.1
DMN Daman 32.75 286 eP P 19 41 24.3 -0.3
GKN comp=Z,7.4nm,0.7s,mb4.8 S Sn
Gorkha 33.17 286 eP P 19 41 27.6 -0.6
KOLN Koldanda 34.08 286 eP P 19 41 36.0 -0.2
WMQ comp=Z,2.0nm,0.9s,mb5.0 S Sn
WMQ Urumqi 34.44 315 eP P 19 41 40.8 +1.7
WMQ comp=Z,1.0nm,1.0s,mb4.7 S Sn
MKAR Makanchi Array 39.15 317 P P 19 42 18.7 -0.1
MKAR comp=Z,6.2nm,0.7s,mb4.4,baz=108,slow=11,SNR=27 P P
MKAR comp=Z,3.4nm,0.9s,baz=90,slow=4.9,SNR=7.9 P P
MKAR comp=Z,3.4nm,0.9s,baz=90,slow=4.9,SNR=7.9 S P
FITZ Fitzroy Crossi 41.02 173 eP P 19 42 32.4 -2.1
ZAL Zalesovo 41.23 328 P P 19 42 35.2 -0.7

28d 20h

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

2004 JAN

comp=Z,1.1nm,0.6s,mb4.2,baz=42,slow=24,SNR=2.5

TAP 28 19:44:53.9,22.97N:120.93E,h2km1,km1,ML3.8,Taiwan

WEL 28 19:46:25.9,0.2,45.15Sx167.10E,h13km2,ML3.6/6, 3D, Error ellipse: s-maj=1.4km s-min=1.0km az=90.0,

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

STR 28 20:09:22.7,0.1,45.43N:5.46E,h5km,1km,ML3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0,

NEIC 28 20:09:23.3,45.44N:5.45E,h3km,MD3.2(ROM), ML3.8(LDG),ML3.4(SZGRF),ML3.3(STR),ML3.2(VIE), After LDG.

MDD 28 20:09:23.9,0.3,45.43N:5.45E,h11km,mb3.6/5, mBL3.2/36, Error ellipse: s-maj=2.5km s-min=2.1km az=78.0,

LDG 28 20:09:23.3,0.0,45.44N:5.45E,h3km,MD3.4/5,ML3.8/36, Error ellipse: s-maj=0.9km s-min=0.8km az=75.0,

ZUR 28 20:09:23.7,45.47N:5.49E,h12km,ML3.3/16, ROM 28 20:09:26.5,0.9,45.32N:5.36E,h10km,MD3.2/6,ML2.9/5, Error ellipse: s-maj=6.4km s-min=4.1km az=90.0,

ISC 28 20:09:20.9,0.2,45.482N:0.009-5.38E:0.01,h3km,1km, n151,1947/298,24C-2D, France

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

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Table with columns: STV, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sta Anna Valdi, Anna di Valdie, Trevasse, etc.

Table of station data for the 597 region, including station names like CODM, GRAM, BFO, SPAK, EJON, etc., and their corresponding coordinates and times.

Table of station data for the 597 region, including station names like TWG, TTN, ELDTW, etc., and their corresponding coordinates and times.

Table of station data for the 2004 JAN region, including station names like EAST, TWK, TAW, etc., and their corresponding coordinates and times.

Table of station data for the 2004 JAN region, including station names like URZ, WRB, WRAB, etc., and their corresponding coordinates and times.

Table of station data for the 28d 20h region, including station names like WESE, WESS, WESN, etc., and their corresponding coordinates and times.

Table with columns: Station Name, SNR, Azimuth, Elevation, and other parameters. Includes stations like ELUO, EOCO, EOCG, etc.

Table with columns: EINC, EINI, EARI, SJPF, ETSF, EALS, EPFF, CAF, QUIF, SGMF, ROSF, GRR. Includes station names like Incio, Arriondas, Ste Jean, etc.

NEIC 28 20:55:40.7, 3.2, 21.04Sx178.70W, h620km, 38km, mb4.4/9, Error ellipse: s-maj=24.5km s-min=17.2km az=202.0

ISC 28 20:55:42.4, 2.8, 21.25Sx178.64W, h643km, 37km, mb3.6/8, mb1 3.9/9, mb1mx3.9/11, Error ellipse: s-maj=27.5km s-min=14.0km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, RPZ, CTA, CTAO, ASAR, ASPA, WB2, WRAB, WRA, KAKA, FITZ, MBWA, QSPA, ENH, TXAR, HIA, ILAR, PDAR, INK, INK, YKA, MKAR, KURK, CHKZ, BRVK, ZERDA, ARCES, FINES, CLL, PRU, KHC, GRA1, GRF, GERES, etc.

NEIC 28 21:12:39.3, 4.2, 79N, 7.23W, h14km, MN2.4(MDD), After MDD

MDD 28 21:12:39.3, 0.2, 42.79N, 7.21W, h11km, mbLg2.5/12, Error ellipse: s-maj=2.9km s-min=2.0km az=93.0, PRXIMO

INMG 28 21:12:39.1, 0.9, 42.80N, 7.18W, h15km, 4km, ML2.4, Error ellipse: s-maj=3.0km s-min=1.3km az=94.0

ISC 28 21:12:37.6, 0.7, 42.74N, 0.03, 7.24W, 0.06, h11km, m29, e1918/35, 5D, Spain

Table with columns: EINC, EINI, EARI, ERUA, ERUA, EPON, ECAL, ECAL, STS, STS, ELOB, ELOB, EZAM, EZAM, ECAL, ECAL, ERTA, ELOB, ELOB, ERUA, ERUA, EINC, EINC, PVRL. Includes station names like Incio, La Rua, Pontenova, Calabor, Santiago, Lobios, Zamans, etc.

Table with columns: PVRL, EARI, EARI, PVIS, PVIS, MTE, MTE, PCBR, PCBR, PCBR, ECRI, ECRI, ESDC, ESDC, ESDC, ESDC, ESLA. Includes station names like Vila Real, Arriondas, Viseu, Manteigas, Castelo Branco, etc.

DJA 28 21:23:10.2, 0.9, 9.68S, 115.71E, h33km, ML3.6/3, Error ellipse: s-maj=20.0km s-min=12.3km az=171.0

ISC 28 21:23:10.2, 2.8, 9.65S, 0.1, 115.71E, 0.09, h33km, n4, e0797, 1C, 2D, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RATA, INGI, KEDI, KEDI, KELI, KELI.

CASC 28 21:31:12.8, 2.1, 13.25N, 89.81W, h32km, 4km, MD4.0, ML3.9, 4C, 14D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBL, SBL, SBL, RTO, RTO, BOQS, SNET, SNET, PIC, PIC, LFRS, LFRS, LFU, LFU, RBFL, RBFL, LBR, LBR, LCBS, LCBS, SNVI, SNVI, IXG, IXG, MTO, MTO, TER, TER, PCG, PCG, GCG, GCG, VSM, VSM, BLLM, BLLM, FUG, FUG, CAHU, CAHU, CNCH, CNCH, JAT, JAT.

GRAL 28 21:49:10.5, 14.0, 34.68N, 35.88E, h15km, 99km, MD2.5, NSCC 28 21:49:11.3, 34.31N, 36.36E, h12km, 3km

ISC 28 21:49:11.6, 0.7, 34.30N, 0.03, 36.34E, 0.05, h11km, 6km, n6, e0949, 12, 6D, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAWK, MARH, MARH, HWQ, HWQ, BHL, BHL, BIDA, BIDA, QASN, QASN.

BUI 28 22:15:21.3, 3.95S, 127.91E, h17km, mb6.2, mb5.8, Ms6.5, Msz6.4

ISC 28 22:15:27.6, 0.4, 3.21S, 127.29E, mb5.5/19, mb1 5.4/21, mb1mx5.4/22, ML4.0/1, MS6.3/12, Ms1 6.3/12, ms1mx6.2/17, Error ellipse: s-maj=22.6km s-min=8.8km az=68.0

NEIC 28 22:15:30.7, 1.4, 3.12S, 127.40E, h17km, 8km, mb6.0/58, ME7.0, MS6.5/109, MW6.7, ML6.7(DJA), Error ellipse: s-maj=4.9km s-min=3.6km az=51.0

Broadband fault plane solution: P waves: NP1: 355, 145, NP2: 358, 85, 85, 165. Principal axes: T: Plg28, Azm316; N: Plg0, Azm0; P: Plg18, Azm62; Moment Tensor Solution. s25 Moment tensor: Scale 10^19 Nm; M0: 0.00; M1: 0.00; M2: 0.00; M3: 0.00; Best double couple: M0: 1.2x10^19 NP1: 92, 838; lambda: 11. NP2: 191, 883, lambda: 127. Principal axes: T: 1.22, Plg28; Azm310; N: 0.02, Plg37; Azm196; P: -1.2, Plg40; Azm67; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Fel [V] at Namlea, Buru and [I] on Ambon. A local tsunami was observed at Namlea.

SYO 28 22:15:30.7, 3.12S, 127.40E, h17km, MB6.0, MS6.5, HRVD 28 22:15:30.7, 0.1, 3.11S, 127.30E, h17km, MW6.6/83, Centroid moment tensor solution. LP body waves: s83, c225; Mantle waves: s80, c178; Half duration: 50 Moment tensor: Scale 10^19 Nm; M0: 0.17E, 0.1; M1: 0.38; M2: 0.22E, 0.1; M3: 0.09E, 0.03; M4: 0.73; M5: 0.75E, 0.5; Best double couple: M0: 1.1x10^19 NP1: 98, 846; lambda: 9. NP2: 194, 884; lambda: 136. Principal axes: T: 1.1, Plg24, Azm318; N: 0.1, Plg46; Azm201; P: -1.11, Plg35.





Table with columns for station codes (MDJ, LSA, etc.), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like Chennai, Gorkha, and Hyderabad.

Table with columns for station codes (KLR, ALBI, etc.), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like Bhopal, South Karori, and New Delhi.

Table with columns for station codes (CLNS, PONG, etc.), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like Bhub, Kashi, and Kurk.







Table with columns: STV2, Anna di Valdie, 1.86 132 P, Pn, 22 21 00.3 +1.6, etc. Includes various station names and coordinates.

MDD 28 23:01:48.5,0.5, 42.90N,0.71W, h11km,3km, mBL0.9/3, Error ellipse: s-maj=6.1km s-min=2.7km az=23.0, PRXIMO LDG 28 23:01:48.7,0.3, 43.00N,0.66W, h2km, M1.6/2, Error ellipse: s-maj=13.8km s-min=5.9km az=18.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Etsaut, Les Forges d'A, Arette, Ste Jean, etc.

TAP 28 23:05:34.8, 23.00N, 120.94E, h4km, 1km, ML3.6 TAP Fell II J at Tauyuan. ISC 28 23:05:36.2, 0.3, 22.98N, 120.01E, 120.95E, 0.02, h1km, 3km, n51, c1921/89, 14D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Niangang, Lidau, Tauyuan, Taitung, Jiashian, Sandimen, Taimali, etc.

TIR 28 23:30:31.8, 39.45N, 20.96E, h5km, M3.0 NEIC 28 23:30:39.0, 39.86N, 20.63E, h16km, MD3.5(A/H), ML3.2(THE), After ATH.

ATH 28 23:30:39.0, 39.86N, 20.63E, h16km, MD3.5/5 THE 28 23:30:40.2, 39.87N, 20.45E, h20km, ML3.2 ISC 28 23:40:50.4, 0.4, 39.79N, 0.02, 20.67E, 0.03, h16km, n25, c1923/41, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Janina, Leskovik, Igoumenitsa, Sarande, etc.

NEIC 28 23:07:32.1, 62.58N, 142.84W, h1km, ML3.4(AEIC), After AEIC. PGC 28 23:07:33.4, 62.59N, 142.89W, h10km, ML4.0/3, Eastern Alaska.

ISC 28 23:07:33.4, 1.4, 62.80N, 142.52W, mb3.7/2, mb1 4.0/6, mb1mx3.7/18, ML3.5/4, Error ellipse: s-maj=29.5km s-min=12.5km az=42.0

ISC 28 23:07:30.8, 0.3, 62.60N, 0.02, 142.68W, 0.04, h1km, n50, c1924/72, mb3.5/2, Central Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Beaver Creek A, Wack, Dot Lake, Gilahina Butte, etc.

Table with columns: DAWY, Anna di Valdie, 1.86 132 P, Pn, 23 08 12.8 +0.3, etc. Includes various station names and coordinates.

NEIC 28 23:35:33.6, 0.5, 3.05S, 127.29E, h10km, mb4.6/10, Error ellipse: s-maj=30.8km s-min=8.2km az=72.0

BJL 28 23:35:33.5, 3.00S, 127.30E, h10km, mb4.7. ISC 28 23:35:37.1, 4.5, 3.28S, 126.86E, h32km, 30km, mb4.1/4, mb1 4.3/4, mb1mx4.1/10, Error ellipse: s-maj=151.0km s-min=14.0km az=68.0

ISC 28 23:35:32.0, 0.4, 3.08S, 0.06, 127.3E, 0.1, h10km, n41, c1917/42, mb4.6/21, 1C, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Janina, Leskovik, Sarande, etc.

NEIC 28 23:35:33.6, 0.5, 3.05S, 127.29E, h10km, mb4.6/10, Error ellipse: s-maj=30.8km s-min=8.2km az=72.0

BJL 28 23:35:33.5, 3.00S, 127.30E, h10km, mb4.7. ISC 28 23:35:37.1, 4.5, 3.28S, 126.86E, h32km, 30km, mb4.1/4, mb1 4.3/4, mb1mx4.1/10, Error ellipse: s-maj=151.0km s-min=14.0km az=68.0

ISC 28 23:35:32.0, 0.4, 3.08S, 0.06, 127.3E, 0.1, h10km, n41, c1917/42, mb4.6/21, 1C, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, FITZ, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like ASAR, ASPA, NWAO, etc.

MOS 28 23:39:53.3±1.1, 53.69N, 159.30E, h111km, mb4.6/17, Error ellipse: s-maj=14.9km s-min=6.7km az=84.9

Table with columns: Code, Station Name, Time, Res, and various data points for stations like SPN, KII, KIL, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like KLY, Sredinnyy, Krutoberegovo, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like MAJO, MAT, MAT, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like ZRNC, ARCES, ARCES, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like MOS, JMA, NEIC, etc.







Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LPAZ, MAIT, MAW, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ISA, WMOK, WMBK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MCWV, MCMT, OLMT, etc.



29d 5h

Table with columns: MKAR, comp-Z, 1.0nm, 1.1s, pmax, pmax, KURK, KURK, KURK, ARU, ARU, CHZK, CHZK, CHZK, BVAR, BVAR, BRVK, BRVK, ZRNK, ZRNK, ZRNK, ZRNK

NEIC 29 03:55:08.9, 1.2, 6.31S, 128.56E, h313km, 15km, mb4.2/14, Error ellipse: s-maj=11.8km s-min=7.7km az=63.0

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

IDC 29 04:01:24.2, 2.2, 8.1073S, 162.01E, mb3.8/3, mb1 4/1/3, mb1mx3.9/10, Error ellipse: s-maj=187.0km

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

MEX 29 04:09:17.0, 0.6, 16.98N, 97.74W, h67km, 12km, MD3.5, 1C, Oaxaca

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

IDC 29 04:33:25.6, 1.6, 8.60S, 124.20E, mb3.6/1, mb1 4/0/2, mb1mx3.9/7, ML3.9/1, Error ellipse: s-maj=202.0km

2004 JAN

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

TAP 29 04:41:17.9, 23.96N, 121.82E, h43km, ML3.2

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

JMA 29 04:47:12.8, 0.1, 37.22N, 141.27E, h81km, 1km, M3.9

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

MOS 29 04:47:14.0, 2.0, 38.58N, 140.84E, h10km, mb4.9/5, Error ellipse: s-maj=17.4km s-min=12.9km az=86.0

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

IDC 29 04:01:24.2, 2.2, 8.1073S, 162.01E, mb3.8/3, mb1 4/1/3, mb1mx3.9/10, Error ellipse: s-maj=187.0km

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

RES 29 04:09:17.0, 0.6, 16.98N, 97.74W, h67km, 12km, MD3.5, 1C, Oaxaca

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

MAN 29 05:10:27.7, 6.34N, 124.61E, h17km, mb4.3, ML3.1, MS2.8

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

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Table with columns: SHL, JIRN, GUN, PKI, KKN, KKN, KOLN, MKAR, MKAR, ZAL, ZAL, BVAR, BVAR, FINES, FINES, YKA, YKA

TAP 29 05:22:45.7, 23.01N, 120.95E, h8km, ML3.7, 3C-10D, Taiwan

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

JMA 29 04:47:12.8, 0.1, 37.22N, 141.27E, h81km, 1km, M3.9

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

TAP 29 05:23:30.9, 23.01N, 120.94E, h8km, ML4.4

NEIC 29 05:23:34.8, 1.1, 22.78N, 121.10E, h44km, 40km, mb3.6/11, mb1 3.8/12, mb1mx3.8/17, ML3.4/1, Error ellipse: s-maj=31.4km s-min=17.4km az=67.0

ISL 29 05:23:31.8, 0.3, 22.97N, 0.01, 120.96E, 0.02, h5km, 2km, n83, 193Z/122, mb3.8/15, 1C-14D, Taiwan

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

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

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

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

IDD 29 06:17:35.4-6.0, 5.59S, 151.86E, h32km, 44km, mb4.3/7, mb1 4.6/7, mb1mx4.5/9, MS4.2/2, Ms1 4.2/2, ms1mx3.6/12, Error ellipse: s-maj=64.6km s-min=15.3km az=127.0

NEIC 29 06:37:24.0, 40.32S, 174.37E, h85km, ML3.9(WEL), After WEL, WEL 29 06:37:24.0±2.0, 40.32S, 174.37E, h84km, 3km, ML3.9/4, 3C-3D, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, Cook Strait

NIED 29 06:50:00.27, 50N, 129.50E, h26km, Mw3.9, Best double couple: M9.33x10^14 NP1:phi=40, delta=1, 1.102, NP2:phi=189, delta=23, phi=161, JMA 29 06:50:20.2, 0.2, 27.48N, 129.48E, h31km, M3.7, NEIC 29 06:50:21.1±0.5, 27.57N, 129.29E, mb4.5/2, Error ellipse: s-maj=17.7km s-min=10.1km az=97.0

s-min=20.1km az=53.0
MOS 29 07:33:42.3:1.7, 54.51N-108.91E, h15km, mb4.2/8, Error ellipse: s-maj=11.4km s-min=7.1km az=65.7
BYKL 29 07:33:43.4:0.2, 54.47N-108.90E, h12km, 17km, #FAULT\_PLANE Typ Strike Dip Strike NP NS Plane Author # FM 22.00 62.00 -94.00 17 0 IEC + 210.00 28.00 -83.00 IEC #PRINAX sc T\_val T\_azim T\_pl B\_val B\_azim B\_pl P\_val P\_azim P\_pl Author + eTv eTa eTb eTv eBa eBp ePv ePa ePp ICLVD # 115.00 17.00 24.00 3.00 283.00 73.00 IEC + 1.53 8.00 1.00 1.53 15. 14 7.51
ISC 29 07:33:41.2:0.2, 54.49N-108.96E, 0.04, h12km, n83, c1934/162, mb4.1/15, MS2.9/1, 16C-7D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like Suvo, Ongureny, Ulyunkhan, Kumora, Tyrgan, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like Stepnoy Dvoret, Babushkin, Irkutsk, Listvyanka, Chita, Talaya, Nelyaty, Bodaibo, Arshan, Khapcheranga, Zakamensk, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like Orlik, Tuipik, Ulaanbaatar, Hailar, Oreshnoe, Gaotai, etc.

NEIC 29 07:44:01.7: 38.52S-175.95E h159km, After WEL
WEL 29 07:44:02.7: 0.2, 38.55S-175.93E, h150km, 1km, ML3.7/10, 3C-2D, Error ellipse: s-maj=1.8km s-min=1.6km az=0.0, North Island



Tensor Solution. s13 Moment tensor: Scale 10^17Nm; M1:1.11; M2:0.88; M3:1.09; M4:0.83; M5:1.01; M6:0.01; Best double couple: M2:1x10^17 NP:1e+19; delta: lambda:149; NP2:127.8; delta: lambda:37. Principal axes: T:1.95, P:144, Azm:346; N:38, P:146, Azm:157; P-2.33, P:144, Azm:251;

NEIC Felt (II PIVS) at Bislig. HRVD 29:09:48.42.8.0.2.6.35N.126.98E, h210km, 1km, MW5.5/79, Centroid moment Tensor Solution. LP body waves: s58,c91; Mantle waves: s79,c158; Half duration: 1r3

Moment tensor: Scale 10^17Nm; M1:1.24; M2:0.03; M3:0.04; M4:1.23; M5:0.02; M6:1.17; M7:0.03; M8:0.17; M9:0.03; Best double couple: M1:1.96x10^17 NP:1e+19; delta: lambda:140; NP2:119.9; delta: lambda:48. Principal axes: T:1.94, P:154, Azm:337; N:0.03, P:136, Azm:143; P-1.97, P:167, Azm:238; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 29:09:48.43.5.1.2.6.32N.127.04E, h216km, 10km, mb5.4/18, IDC 29:09:48.43.5.1.2.6.32N.127.04E, h216km, 10km, mb5.4/18, mb1 5.4/19, mb1mx3.320, Error ellipse: s-maj=15.2km s-min=8.0km az=75.0

MAN 29:09:48.44.2.6.56N.127.14E, h202km, mb5.6, ML4.7, M5.0

MAN F BISLIG SURIGAO DEL SUR INTENSITY II. ORF 29:09:48:52.1.11.69N.123.46E, h30km, mb5.6, ISC 29:09:48:42.8.0.3.6.28N.0.02:127.00E.0.03, h222km, 2km, h214km, 2.7km; p-P, p-P, p-P, h217, 93C-23D,

Philippine Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like DAV, DMPH, BIPH, KCP, etc. with their respective coordinates and phases.

Main data table with columns: WRA, WARRAMUNGA ARR, etc. Includes station codes, coordinates, and various data points for stations like WARRAMUNGA ARR, NONGPLAB, GUIYANG, etc.

Continuation of the main data table with columns: CTAO, CHENGDU, etc. Includes station codes and data points for stations like CHENGDU, BEIJING, SHENYANG, etc.





Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HILS, TOA, DIV, EYAK, BINT, BJLS, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MBH, KMTI, IKL, KTK1, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MUD, ARSA, CLL, etc.









Table with columns: BVAR, ASAR, ZRNK, ILAR, INK, INK, ARCES, ARCES, ARCES, YKA, YKA. Includes station names, coordinates, and various parameters.

NEIC 29 19:21:04.3, 32.145:71.72W, h23km, ML3.8(GUC), After GUC

GUC 29 19:21:04.3, 32.145:71.72W, h23km, 2km, MD3.9, ML3.8, 12C-1D, Near coast of central Chile

Main table for NEIC 29 19:21:04.3, 32.145:71.72W, h23km, ML3.8. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Papudo, Petorca, Illapel, etc.

NEIC 29 19:43:41.2, 9.2, 4.11S, 146.01E, h28km, 66km, mb4.4/2, Error ellipse: s-maj=33.7km s-min=25.8km az=185.0

DC 29 19:44:02.1, 3.5, 4.75S, 145.95E, h238km, 32km, mb3.2/2, mb1.3/3, mb1mx3.3/7, Error ellipse: s-maj=139.0km s-min=17.7km az=122.0

ISC 29 19:43:43.6, 1.3, 4.37S, 0.10, 145.8E, 0.1, h33km, n11, s126/16, mb3.9/3, 1D, Near north coast of New Guinea

Main table for NEIC 29 19:43:43.6, 1.3, 4.37S, 0.10, 145.8E. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Paiam, Wau, Port Moresby, etc.

NEIC 29 19:58:57.5, 42.99N, 0.07W, h10km, ML2.3(STR), After STR

MDD 29 19:58:57.6, 0.4, 4.03N, 0.05W, mbLg1.2/4, Error ellipse: s-maj=4.7km s-min=2.2km az=167.0, PFXM10

LDG 29 19:58:57.1, 0.1, 4.3, 0.04N, 0.05W, h2km, Md1.4/2, Error ellipse: s-maj=4.4km s-min=2.0km az=166.0

STR 29 19:58:57.2, 0.0, 4.3, 0.03N, 0.06W, h2km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 29 19:58:56.6, 1.3, 43.03N, 0.07, 0.05W, 0.06, h10km, 13km, n9, s028/14, Pyrenees

Main table for NEIC 29 19:58:57.5, 42.99N, 0.07W, h10km, ML2.3. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Labassere, View, Esparrros, etc.

Table with columns: ESAC, EPOB. Includes station names, coordinates, and parameters.

NEIC 29 20:10:41.4, 5.7, 2.0, 82S, 174.16W, h12km, 34km, mb5.1/34, MS5.5/99, MWS.7, Error ellipse: s-maj=15.0km s-min=6.0km az=154.0, Moment Tensor Solution. s24

Moment tensor: Scale 10^17Nm; Mn:0.78; Mw:1.04; Mx:0.26; My:2.28; Mz:0.86; Mxx:3.69; Best double couple: M1:4.5x10^17 Nm, dip:279.8; P:1.1, 156.1; NP2:3.32, 885.1, 1.7; Principal axes: T=4.66, P1g49; Azm:289; N=12, P1g12; Azm:34; P=4.58, P1g38; Azm:133;

HRVD 29 20:10:41.4, 0.2, 21.05S, 173.41W, h12km, MWS.5/80, Centroid moment Tensor Solution. LP body waves: s64, c112; Mantle waves: s80, c166; Half duration: 1s3

Moment tensor: Scale 10^17Nm; Mr:1.48; Ms:0.2; Mm:0.46; Mx:0.2; My:1.02; Mz:0.2; Mxx:0.54; Mxy:0.6; Mxz:0.81; Myz:0.15; Mzz:0.6; Best double couple: Mx2:10^17 NP1:0.223, 0.26; y:1.03; NP2:0.29; 0.65; y:1.84; Principal axes: T:1.95, P1g70; N:0.09, P1g6; Azm:31; P=2.0, P1g20; Azm:123; s121 refers to surface waves, cutoff=40s. n1a2

BJJ 29 20:10:41.3, 20.80S, 174.20W, h12km, MB5.5, mb5.2, MS5.4, MSz5.3

SYO 29 20:10:41.3, 20.82S, 174.16W, h12km, MB5.1, MS5.5, MOS 29 20:10:43.9, 1.3, 20.64S, 174.27W, h33km, mb5.2/26, MS5.3/28, Error ellipse: s-maj=15.2km s-min=11.4km az=51.4

DC 29 20:10:47.0, 3.7, 20.81S, 174.34W, h54km, 33km, mb4.5/7, mb1.4, 8/8, mb1mx4.6/12, ML4.8/1, MS5.4/6, Ms1.5/3/6, ms1mx0.0/11, Error ellipse: s-maj=42.6km s-min=14.3km az=142.0

ISC 29 20:10:47.0, 2.2, 21.01S, 0.06, 174.05W, 0.05, h39km, h39m, 2.3km, p-P, n347, s116/16/144, mb5.1/53, MS5.4/117, 15C-20D, Tonga Islands

Main table for NEIC 29 20:10:41.3, 20.80S, 174.20W, h12km, MB5.5, mb5.2. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Nonsavu, RAR, PVC, etc.

Main table for NEIC 29 20:10:41.3, 20.80S, 174.20W, h12km, MB5.5, mb5.2. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GSPA, MAJO, MAJO, etc.





Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SOC, ERZM, MUD, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MMLI, ZST, KIZT, etc.

ISK 29.20.19:40.9, 35.90N.31.45E, h7km, MD3.5, Cyprus region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like HDMB, MOTA, ELL, etc.

LDG 29.20.23:34.9, 0.2, 51.02N, 3.04W, h16km, 1km, M13.7/26, Error ellipse: s-maj=2.4km s-min=1.7km az=15.0

NEIC 29.20.23:35.1, 51.09N, 2.98W, h6km, M13.7(LDG), M13.1(BGS), Alter BGS.

NEIC FIV (IV) at Somers. Also felt in the Taunton area. BGS 29.20.23:35.1, 51.09N, 2.98W, h6km, M13.1

ISC 29.20.23:31.8, 0.5, 50.93N, 0.02, 2.68W, 0.03, h6km, n62, @162/127, 2C-1D, United Kingdom

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like SWK, SMD, SWN1, etc.

HTL Hartland 1.14 274 eP Sb 20 23 52.5 -1.0 20 24 04.8 -3.6 20 24 08.0

SKP1 Kophill 1.42 55 eP Pn 20 24 01.2 +3.0 20 23 59.5 -0.1 20 24 00.2 -1.4

SGMF Saint Gilles 2.68 178 eP Pn 20 24 18.1 +2.0 20 24 26.5 +1.3 20 24 28.5 -0.7

FLN La Foliniere 2.59 146 eP Pn 20 24 17.7 +2.8 20 24 27.0 +3.4 20 24 29.1 +2.0

ROSF Rostréne 2.62 189 eP Pn 20 24 17.1 +1.7 20 24 24.5 +0.4 20 24 24.2 -2.6

SGMF Saint Gilles 2.68 178 eP Pn 20 24 18.1 +2.0 20 24 26.5 +1.3 20 24 28.5 -0.7

LDL La Druitiere 2.87 144 eP Pn 20 24 21.3 +2.5 20 24 21.7 +2.7 20 24 55.4 +1.4

LDL La Druitiere 2.87 144 eP Pn 20 24 21.3 +2.5 20 24 21.7 +2.7 20 24 55.4 +1.4

LDL La Druitiere 2.87 144 eP Pn 20 24 21.3 +2.5 20 24 21.7 +2.7 20 24 55.4 +1.4

LDL La Druitiere 2.87 144 eP Pn 20 24 21.3 +2.5 20 24 21.7 +2.7 20 24 55.4 +1.4

LDL La Druitiere 2.87 144 eP Pn 20 24 21.3 +2.5 20 24 21.7 +2.7 20 24 55.4 +1.4

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MEZF, SSF, LOR, etc.

DJA 29.20.41:40.3, 0.9, 9.67S, -115.88E, h33km, MD4.5/2, ML4.2/4, 5C-3D, Error ellipse: s-maj=19.3km

s-min=12.3km az=168.0, South of Bali

RATI Rata 1.00 340j eP Pn 20 41 56.5 -1.7 20 42 09.0 -2.2 20 41 58.1 -1.7

INGI Ingas 1.11 319j eP Pn 20 42 11.1 -2.9 20 42 11.9 -2.9 20 42 13.9 -2.3

KEDI Kedondong 1.20 111 eP Pn 20 42 53.6 -1.4 20 42 11.5 -0.8 20 42 33.6 -2.7

NEIC 29.20.45:05.3, 1.4, 24.16S, 66.91W, h172km, 1km, mb4.3/12, Error ellipse: s-maj=24.9km s-min=8.2km az=63.0

SYO 29.20.45:05.2, 24.16S, 66.91W, h172km, MB4.3, IDC 29.20.45:06.6, 3.1, 24.13S, 66.86W, h186km, 23km, mb3.9/6

mb1 4.0/8, mb1mx4.0/11, MS2.6/1, Ms1 2.8/1, ms1mx2.7/16, Error ellipse: s-maj=46.5km s-min=20.2km az=48.0

B/LJ 29.20.45:07.2, 24.20S, 66.90W, h171km, MB4.5, ISC 29.20.45:05.0, 1.6, 24.13S, 66.86W, 0.2, h183km, 14km, n51, @193/41, mb4.2/17, 2C-2D, Salta Province

Code Station Name Azimuth Elevation Phase ID Time Residual Includes stations like LPAZ, LPZAZ, CPUP, etc.

TRQA Torquay 8.92 106 P P 20 47 20.8 -1.9 20 52 36.8 -2.1 20 54 36.4 -1.4

VNA3 Neumayer Olymp 57.19 160j P P 20 54 39.3 +4.7 20 54 46.9 -1.6 20 54 55.2 -2.5

OXF Oxford 62.81 329 P P 20 55 07.6 -1.1 20 55 12.7 -0.6 20 55 17.6 -1.0

MIAR Miami 63.62 336 eP P 20 55 19.8 -0.4 20 55 19.8 -0.4 20 55 19.8 -0.4

TXAR Lajitas Array 63.84 324 P P 20 55 19.8 -0.4 20 55 19.8 -0.4 20 55 19.8 -0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Pinedale Array, Hardware Ranch, Lac du Bonnet, etc.

JMA 29 21:03:06.5 ± 0.3, 44.27N; 139.19E, h38km, M3.5

ISC 29 21:03:06.7 ± 1.5, 44.26N; 0.06; 139.2E; 0.1, h48km; 53km, n10, c0558/17, Eastern Sea of Japan

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

IDC 29 21:17:42.0 ± 1.3, 4.19S; 79.13W, h84km; 5km, mb3.7/8, mb1.4/0.9, mb1mx3.9/15, Error ellipse: s-maj=114.0km s-min=16.4km az=57.0

NEIC 29 21:17:43.6 ± 1.7, 4.24S; 79.24W, h98km; 16km, mb4.6/13, Error ellipse: s-maj=21.3km s-min=7.4km az=54.0

IGQ 29 21:17:44.5 ± 4.2, 20S; 79.64W, h11 km; 18km, mb4.8, Error ellipse: s-maj=5.9km s-min=4.4km az=105.8

ISC 29 21:17:40.2 ± 0.5, 4.54S; 0.05; 79.76W; 0.07, h84km (h84km; 3.4km; p-P), n59, c0958/59, mb4.3/20, 5C-8D, Peru-Ecuador border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lac du Bonnet, Bozeman (W), Fort Churchill, etc.

IDC 29 21:29:40.2 ± 1.7, 55.11S; 25.73W, mb4.3/3, mb1.4/5.3, mb1mx4.2/8, Error ellipse: s-maj=178.0km s-min=40.6km az=43.0

NEIC 29 21:29:43.9 ± 6.9, 55.57S; 26.09W, h32km; 47km, mb4.9/3, Error ellipse: s-maj=30.8km s-min=11.9km az=225.0

ISC 29 21:29:39.9 ± 1.4, 55.65S; 0.2; 26.4W; 0.4, h10km, n17, c114/10, mb4.3/2, C, South Sandwich Islands region

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

IDC 29 21:48:25.5 ± 1.1, 2.07N; 126.04E, mb4.0/4, mb1.4/1.4, mb1mx4.0/11, Error ellipse: s-maj=82.6km s-min=20.4km az=72.0

NEIC 29 21:48:41.0 ± 4.0, 2.17N; 126.74E, h146km; 43km, mb4.1/9, Error ellipse: s-maj=28.3km s-min=10.7km az=80.0

ISC 29 21:48:35.8 ± 5.5, 2.23N; 0.08; 126.6E; 0.2, h107km; 57km, n24, c093/25, mb4.3/15, Northern Molucca Sea

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

MOS 29 21:56:04.4 ± 1.0, 51.28N; 178.51E, h33km, mb4.2/4, Error ellipse: s-maj=20.5km s-min=1.3km az=86.0

NEIC 29 21:56:07.6 ± 0.8, 51.20N; 178.63E, h52km; 6km, mb4.0/5, ML3.9(AE), Error ellipse: s-maj=14.8km s-min=5.8km az=187.0

IDC 29 21:56:08.1 ± 3.5, 51.36N; 178.65E, h48km; 32km, mb3.8/11, mb1.4/0.11, mb1mx3.8/19, ML4.4/1, MS3.4/1, MS1.3/4.1, ms1mx2.8/25, Error ellipse: s-maj=27.1km s-min=18.5km az=173.0

ISC 29 21:56:07.1 ± 1.0, 51.41N; 0.1; 178.65E; 0.07, h54km; 8km, n46, c082/47, mb4.2/20, MS3.3/1, Rat Islands

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

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

IDC 29 22:00:00.0 ± 0.0, 0.00N; 150.00E, mb4.0/4, mb1.0/1.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

NEIC 29 22:00:00.0 ± 0.0, 0.00N; 150.00E, h0km; 0km, mb0.0/0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 29 22:00:00.0 ± 0.0, 0.00N; 150.00E, h0km; 0km, n0, c000/00, mb0.0/0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

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

ATH 29 22:46:37.3 ± 39.84N; 20.64E, h11km; 1km, MD3.1/5, NEIC 29 22:46:38.1 ± 39.80N; 20.69E, h10km, MD3.1(ATH), ML2.7(7)THE, ATHER THE

THE 29 22:46:38.1 ± 39.80N; 20.69E, h10km, ML2.7

ISC 29 22:46:37.3 ± 0.7, 39.84N; 0.04; 20.65E; 0.06, h9km; 6km, n10, c075/13, 1C, Greece-Albania border region

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

FNA Levkas 1.13 180 ePg Pg 22 46 58.5 -1.4

LKD Eryvritania 1.29 135 ePg Pg 22 47 01.5 +0.2

LIT Lithoron comp=2.3, 0.0m, 0.2s 1.44 79 ePg Pg 22 47 03.3 -0.5

VLS Valsamata 1.66 182 ePb Pb 22 47 08.7 +0.0

GRG Griva 1.74 50 ePb Pb 22 47 09.6 +0.6

BJI 29 23:19:28.0 ± 17.25N; 39.62E, h10km, mb5.0, mb4.5, Ms4.3, Ms4.2

NEIC 29 23:19:36.7 ± 1.1, 17.87N; 40.14E, h10km, mb4.5/12, Error ellipse: s-maj=20.6km s-min=12.9km az=181.0

IDC 29 23:19:36.0 ± 6.3, 17.94N; 40.23E, mb4.0/8, mb1.4/2.8, mb1mx4.1/14, MS3.9/10, MS1.3/9.10, ms1mx3.7/20, Error ellipse: s-maj=130.0km s-min=32.6km az=1.0

MOS 29 23:19:36.5 ± 1.5, 17.59N; 40.14E, h33km, mb4.6/9, Error ellipse: s-maj=18.4km s-min=9.9km az=80.9

SNSN 29 23:19:37.1 ± 17.68N; 40.46E, h62km, M13.8, ISC 29 23:19:34.0 ± 0.7, 17.79N; 0.09; 40.33E; 0.06, h10km, n61, c1915/57, mb4.3/26, MS4.0/12, 1D, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Namas An Nimas, Bajjirushi, Zaim al Janu, etc.

EIL	comp=Z,587nm,19.0s,baz=144,slow=34	23 22 35.5 -3.8
EIL	Elat 12.80 338 P	23 25 41.8 +3.9
EIL	eS LR	23 28 11.4
AMF	Jabal al Asfar 14.65 348 LR	23 28 59.7
AMF	comp=Z,276nm,21.2s,baz=283,slow=36	
KBIO	Kilima Mbojo 19.04 189 LR	23 24 38.7 +2.2
GNI	Garni 22.60 9 eP	23 24 38.7 +2.2
GNI	25m, 1.3s,mb4.5	
GNI	22.60 9 eP	
GNI	22.60 9 eP	
GNI	22.60 9 eP	
T12	comp=Z,25nm,1.3s,mb4.5	
SOC	Plekhanov 24.16 8 eP	23 24 55.6 +3.9
SOC	Sochi 25.71 359 eP	23 24 53.2 -1.3
SOC	eS	23 28 41.6 -5.1
SOC	max	
SOC	comp=Z,10.0nm,0.8s,mb4.4	
SOC	max	
SOC	comp=N,10.0nm,0.9s	
SOC	max	
SOC	comp=E,20nm,0.9s	
SOC	MLR	
SOC	comp=Z,200nm,24.0s,MS3.6	
SOC	MLR	
SOC	comp=N,280nm,26.0s	
SOC	MLR	
KIV	comp=Z,270nm,17.0s	
KIV	Kislovodsk 26.16 4 eP	23 25 12.7 +2.1
KIV	comp=Z,1.2s,mb4.5	
KIV	Kislovodsk 26.16 4 eP	23 25 12.7 +2.1
KIV	max	
MLR	comp=Z,17nm,1.2s,mb4.5	
MLR	Muntele Rosu 11 340 P	23 25 47.0 +0.6
MLR	comp=Z,2.9nm,0.8s,mb4.0,baz=154,slow=16,SNR=5.9	
PSZ	Piszkesteto 34.38 335 eP	23 26 20.5 -3.2
PSZ	comp=Z,4.3nm,0.8s,mb4.4	
PSZ	Piszkesteto 34.38 335 eP	23 26 20.5 -3.2
PSZ	max	
MORC	comp=Z,4.0nm,0.8s,mb4.4	
MORC	Moravsky Berou 36.80 335 eP	23 26 43.8 -0.4
MORC	comp=Z,2.6nm,0.8s,mb4.1	
MORC	Kashi 37.68 48 eP	23 26 54.0 +2.3
MORC	eAP	23 27 03.0 +8.3
MORC	AMB	
GERES	comp=Z,10.0nm,1.2s,mb4.4	
GERES	GERESS Array B 37.76 331 P	23 26 51.9 -0.3
GERES	comp=Z,1.5nm,0.6s,mb3.9,baz=135,slow=7.5,SNR=8.9	
SUW	Suwali 38.13 344 eP	23 26 57.4 -1.1
BRG	Bergjesshobel 39.33 333 P	23 27 03.9 +0.2
BRG	comp=Z,7.3nm,1.1s,mb4.3	
BRG	Bergjesshobel 39.33 333 P	23 27 03.9 +0.2
BRG	max	
ARU	comp=Z,7.0nm,1.1s,mb4.3	
ARU	Arti 40.95 15 eP	23 27 19.1 +0.4
ARU	comp=Z,4.4nm,0.8s,mb4.1	
ARU	Arti 40.95 15 eP	23 27 19.5 +0.8
ARU	eS	23 27 36.0 +5.7
ARU	eSS	23 26 37.0 +1.0
ARU	MLR	
ARU	comp=N,100nm,16.9s,MS3.9	
ARU	MLR	
ARU	comp=Z,200nm,16.9s,MS4.0	
ARU	MLR	
ARU	comp=E,100nm,15.8s,MS3.9	
ARU	MLR	
ZRNK	Zerenda 41.62 26 eP	23 27 24.7 +0.6
SVE	Sverdlovsk 41.85 171 eP	23 27 28.5 +2.5
SVE	eP	23 29 01.9
SVE	eS	
SVE	MLR	
SVE	comp=Z,300nm,10.0s,MS4.5	
SVE	MLR	
BRVK	comp=E,200nm,12.0s	
BRVK	Borovyoye 42.23 27 eP	23 27 29.7 +0.5
BVAR	Borovyoye Array 42.25 27 P	23 27 30.7 +1.3
BVAR	comp=E,1.1nm,0.7s,mb3.6,baz=219,slow=8.0,SNR=9.8	
CHZK	Chkalovo 42.81 26 eP	23 27 34.1 +0.2
ESDC	Sonseca Array 43.99 309 P	23 27 44.1 +0.4
ESDC	comp=E,1.1nm,0.7s,mb3.7,baz=104,slow=7.8,SNR=4.9	
FINES	FINESS Array B 44.76 350 P	23 27 48.8 -0.8
FINES	comp=Z,0.6nm,0.8s,mb3.5,baz=150,slow=11,SNR=3.4	
FINES	LR	23 28 08.4
KURK	Kurchatov 44.78 34 eP	23 27 51.1 +1.2
MKAN	Makanchi Array 44.97 41 P	23 27 52.4 +0.8
MKAN	comp=Z,2.5nm,0.8s,mb4.1,baz=231,slow=7.0,SNR=15	
MKAN	LR	23 29 10.2
KAF	Kangasieni 45.36 351 eP	23 28 00.7 +6.3
DBIC	Dimbokro 45.41 262 eP	23 27 54.4 -1.0
DBIC	comp=E,0.4nm,0.3s,mb3.7	
DBIC	Dimbokro 45.41 262 eP	23 27 54.4 -1.0
DBIC	max	
WMQ	comp=Z,7.0nm,0.9s,mb4.5	
WMQ	Urumqi 47.41 46 eP	23 28 10.8 -0.1
WMQ	XP	23 28 25.0 +1.0
WMQ	PP	23 30 06.0 +4.3
WMQ	SCS	23 37 57.0 -5.4
WMQ	AMB	
WMQ	comp=Z,15nm,1.5s,mb4.7	
WMQ	LR	
WMQ	comp=N,121nm,22.0s,MS4.0	
WMQ	LR	
WMQ	comp=E,142nm,22.0s,MS4.0	
WMQ	LR	
WMQ	comp=Z,156nm,24.0s,MS3.9	
LSA	Lhasa 47.67 66 eP	23 28 15.1 +2.0
LSA	comp=Z,6.1nm,1.3s,mb4.5	
LSA	Lhasa 47.67 66 eP	23 28 15.1 +2.0
LSA	max	
NAO01	comp=Z,6.0nm,1.3s,mb4.5	
NAO01	NORSAR Array S 47.85 341 eP	23 28 13.0 -1.1
NAO01	comp=Z,12nm,1.0s,mb4.9	
NB2	NORSAR Subarra 47.90 341 P	23 28 13.1 -1.4
NB2	comp=Z,4.8nm,1.0s,mb4.5,baz=136,slow=7.9	
NB2	NORSAR Subarra 47.90 341 P	23 28 13.1 -1.4
NB2	max	
NOA	comp=Z,5.0nm,1.0s,mb4.5	
NOA	NORSAR Array B 47.90 341 P	23 28 13.8 -0.7
NOA	comp=Z,2.2nm,0.8s,mb4.2,baz=137,slow=8.0,SNR=7.3	
NOA	LR	23 28 08.4
SHL	Shilling 48.28 71 eP	23 28 17.5 -0.4
NVS	Novosibirsk 49.35 31 P	23 28 25.3 -0.5
NVS	max	
NVS	comp=Z,18nm,1.5s,mb4.9	
NVS	max	
ARCS	comp=N,20nm,1.6s	
ARCS	ARCESS Array B 52.54 353 LR	23 53 59.0
ARCS	comp=N,66nm,19.3s,MS3.7,baz=332,slow=39.9	
GTA	Gaotai 55.47 54 P	23 29 12.5 +0.7
GTA	AMB	
GTA	comp=Z,7.0nm,1.7s,mb4.4	
GTA	AMB	
GTA	comp=Z,120nm,4.2s	
GTA	LR	
GTA	comp=N,65nm,14.1s,MS4.2	
GTA	LR	
GTA	comp=E,120nm,15.2s,MS4.2	
GTA	LR	
ZAK	comp=Z,160nm,16.0s,MS4.2	
ULN	Zakamensk 59.29 42 eP	23 29 38.0 -0.6
ULN	comp=Z,2.4nm,0.8s,mb4.5,baz=189,slow=3.3	
ULN	Ulanbaatar 61.44 45 eP	23 29 53.3 0.0
ULN	comp=Z,3.6nm,1.1s,mb4.4	
ULN	Ulanbaatar 61.44 45 eP	23 29 53.3 0.0
ULN	max	
GYA	comp=Z,4.0nm,1.1s,mb4.5	
GYA	Guiyang 61.48 69 P	23 29 53.5 -0.4
GYA	AMB	
SPITS	comp=Z,10.0nm,0.8s,mb5.0	
SPITS	Spitsbergen Ar 61.53 355 P	23 29 53.5 -0.1
SPITS	comp=Z,2.4nm,0.7s,mb4.5,baz=143,slow=10.0,SNR=9.8	
HHC	Hu-ho-hao-te 64.50 53 eP	23 30 14.8 +1.1
HHC	PP	23 32 38.0 +0.4
HHC	S	23 38 50.3 -0.9
HHC	AMB	
HHC	comp=Z,9.0nm,1.8s,mb4.5	
HHC	AMB	
BOD	comp=Z,66nm,4.4s	
MAW	Bodaibo 66.43 34 eP	23 30 23.3 -2.5
MAW	Mawson 86.75 172 LR	00 07 39.8
MAW	comp=Z,2.9nm,20.9s,MS4.2,baz=189,slow=3.3	
ILAR	Eielson Array 97.51 3 LR	00 21 37.0
ILAR	comp=Z,9.1nm,20.1s,MS4.3,baz=194,slow=38	
YKA	Yellowknife Ar 97.57 349 LR	00 18 25.3
YKA	comp=Z,104nm,19.4s,MS4.3,baz=60,slow=36	

TAP 29 23:31:04.7, 24.79N, 122.04E, h10km, ML3.0  
 JMA 29 23:31:04.9, 0.3, 25.00N, 122.14E, h34km, M2.9  
 ISC 29 23:31:05.0, 3.2, 25.1N, 0.2, 122.4E, 2.0, h10km, n4,  
 #056717, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
YOJ	Yonaguni jima	0.89	138	P	23 31 22.1	0
YOJ				Sb	23 31 38.5	+0.8
HATJ	Hateruma jima	1.70	128	P	23 31 34.5	+0.4
HATJ				S	23 31 55.5	-1.4
JKRS	Kuro-shima	1.75	120	S	23 31 58.4	+0.2
JLJ	Ishigaki jima	1.80	115	P	23 31 37.0	+0.6
JLJ				eS	23 31 59.5	+0.1

IDC 29 23:33:49.0, 8.0, 14.47N, 94.34W, mb3.5/4, mb1 3.8/5,  
 mb1mx3.7/16, ML4.0/1, Error ellipse: s-maj=262.0km  
 s-min=117.0km az=48.0  
 NEIC 29 23:33:53.7, 14.53N, 94.80W, h8km, MD4.0(MEX), After  
 MEX.  
 MEX 29 23:33:53.7, 0.9, 14.53N, 94.80W, h8km, 81km, MD4.0  
 ISC 29 23:33:50.4, 1.3, 14.6N, 0.1, 94.75W, 0.08, h8km, n12,  
 #191716, mb3.6/4, Off coast of Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
HUIG	Huatalco	1.76	312	iP	23 34 20.8	-0.8
HUIG				S	23 34 22.2	-2.2
CMIG	Matias Romero	2.49	357	iP	23 34 33.1	+1.1
CMIG				S	23 35 01.9	-1.1
SCX	San Cristobal	2.95	43	iP	23 35 19.9	+0.0
VHO	Vista Hermosa	3.12	323	iP	23 34 43.0	+2.0
VHO				S	23 35 19.9	+1.0
OXX	Oaxaca	3.12	323	iP	23 34 42.0	+1.0
OXX				S	23 35 19.0	0.0
EVV	El Vigia	3.89	352	eP	23 34 45.0	-5.9
TXAR	Lajitas Array	16.83	332	P	23 37 50.5	+2.3
PDAR	Pinedale Array	30.84	338	P	23 40 08.6	-0.6
YKA	Yellowknife Ar	49.88	348	P	23 42 45.7	-0.4
YKA	0.4nm, 0.8s, mb3.6, baz=154, slow=7.1, SNR=6.3					
YKA	Yellowknife Ar 49.88 348 P				23 42 45.7	-0.4
INK	Inuvik	59.14	344	P	23 43 52.6	-1.1
INK	0.5nm, 0.7s, mb3.6, baz=144, slow=8.8, SNR=3.1					
ILAR	Eielson Array	61.26	337	P	23 44 07.5	-0.7
ILAR	0.6nm, 0.8s, mb3.8, baz=170, slow=4.9, SNR=5.6					

IDC 29 23:38:51.7, 16.0, 6.89S, 124.97E, h492km, 256km,  
 mb2.8/1, mb1 3.0/3, mb1mx3.0/8, Error ellipse:  
 s-maj=428.0km s-min=64.0km az=69.0  
 NEIC 29 23:38:54.6, 3.2, 7.14S, 124.85E, h536km, 43km, mb3.7/2,  
 Error ellipse: s-maj=75.0km s-min=27.0km az=76.0  
 ISC 29 23:38:52.3, 2.8, 7.0S, 0.3, 124.7E, 0.3, h518km, 47km, n12,  
 #025112, mb4.0/6, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KAKA	Kakadu	9.46	127	eP	23 41 05.4	+0.1
WRAB	Tennant Creek	15.90	145	eP	23 42 11.1	-0.1
WRA	Warramunga Arr	15.90	145	P	23 42 11.0	-0.2
WRA	0.5nm, 0.3s, baz=323, slow=11, SNR=4.3					
WB2	Warramunga Arr	15.91	145	eP	23 42 11.2	-0.1
ASAR	Alice Springs	16.77	135	eP	23 42 39.5	+0.4
ASAR	0.4nm, 0.3s, baz=334, slow=9.6, SNR=18					
GUN	Gumba	51.10	315	eP	23 47 09.1	+0.4
PKI	Pulchoki	51.23	314	eP	23 47 09.6	-0.1
GKN	Kakani	51.45	314	eP	23 47 11.1	-0.2
GKN	0.4nm, 0.4s, mb4.2					
KKK	Gorkha	52.04	314	eP	23 47 15.8	+0.2
KKK	7.6nm, 0.3s, mb4.5					
KOLN	Koldanda	52.65	313	eP	23 47 19.5	-0.5
KOLN	4.9nm, 0.3s, mb4.2					
MKAN	Makanchi Array	65.45	329	P	23 48 45.6	+0.3
MKAN	0.5nm, 0.7s, mb3.1, baz=127, slow=7.2, SNR=7.7					
BILL	Bilibino	80.39	15	P	23 50 10.1	-0.1
BILL	1.1nm, 0.5s, mb3.6					

NEIC 29 23:45:39.4, 0.2, 12.57S, 167.08E, mb4.5/25, Error  
 ellipse: s-maj=10.7km s-min=7.1km az=130.0  
 SYO 29 23:45:39.4, 12.57S, 167.08E, h227km, MB4.5  
 IDC 29 23:45:39.8, 0.9, 12.64S, 167.03E, h227km, 8km, mb4.2/8,  
 mb1 4.5/8, mb1mx4.4/10, Error ellipse: s-maj=19.6km  
 s-min=14.9km az=116.0  
 BUJ 29 23:45:45.4, 1.1, 72S, 166.22E, h226km, mb4.5, mb4.4  
 ISC 29 23:45:38.5, 0.3, 12.65S, 167.04E, 0.07, h226km,  
 h266km, 2.0km, n94, #089/60, mb4.5/40, 3C-11,  
 Santa Cruz Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
DZM	Mont Dzumac	9.39	183	eP	23 47 52.7	+2.3
DZM	Enshi	9.39	183	eP	23 47 52.7	+2.3
PMG	Port Moresby	11.78	277	eP	23 49 54.0	+0.8
CTA	Charters Tower	21.26	247	eP	23 50 09.8	+2.0
CTA	14nm, 0.8s					
CTA	Charters Tower	21.26	247	eP	23 53 55.9	+1.1
CTA	7.2nm, 0.7s, mb4.3					
ARMA	Armidade	22.72	216	iP	23 50 24.2	+2.2
ARMA	23nm, 0.8s, mb4.8					
URZ	Urewera	27.04	162	P	23 51 01.0	-0.9
URZ	4.6nm, 0.6s, mb4.5, baz=312, slow=5.0, SNR=6.4					
THZ	Topouse	29.46	171	P	23 51 23.2	-0.3
STKA	Stephens Creek	30.21	227	eP	23 51 30.5	+0.3
STKA	9.3nm, 0.4s, mb4.8					
STKA					23 54 24.4	
LTZ	Lake Taylor	30.37	172	P	23 51 31.4	0.0
RPZ	Rata Peaks	31.15	174	P	23 51 37.8	-0.5
RPZ	31nm, 0.6s, mb5.2, baz=99, slow=2.2, SNR=15					
BWZ	Berwen	31.87	176	P	23 51 43.2	-1.3
WB2	Warramunga Arr	32.16	253	iP	23 51 46.1	-1.2
WRAB	Tennant Creek	32.16	253	eP	23 51 46.0	-1.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cogollos-Vega, Lijar, Espera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Namosos, APAO, FIAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Attu Island-F, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like An Nimas, Bajurashi, Zahran al Janu, etc.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, Kakadu, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dja Dja, Kelai, Kedi, etc.

IDC 30 01:37:44.6, 0.8, 18.50Sx175.46W, mb4.2/8, mb1 4.5/8, mb1mx4.5/11, MS4.1/6, MS1 4.1/6, ms1mx4.0/9, Error ellipse: s-maj=39.4km s-min=19.1km az=131.0, NEIC 30 01:37:50.4, 3.9, 18.48Sx175.46W, h41km, mb4.8/13, Error ellipse: s-maj=15.2km s-min=9.1km az=163.0, SYO 30 01:37:50.4, 18.48Sx175.46W, h41km, MB4.8, ISC 30 01:37:48.1, 0.4, 18.5S, 0.1x175.52W, 0.09, h33km, n72, c=0.985/35, mb4.6/19, MS4.1/7, 1C, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Rana Peaks, Armida, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Taipei, Sweet Springs, Marysville, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Grafenberg Arr, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KISR, IDC, NEIC, etc.

BER 30 00:16:08.4, 3.0, 67.85N, 20.05E, ML1.8, ML2.0(NAO), Suspected explosion

NAO 30 00:16:08.1, 3.8, 67.77N, 20.50E, ML2.0, Suspected explosion

ISC 30 00:16:02.0, 2.0, 67.74N, 0.04, 19.8E, 0.1, n7, c1.925/10, Sued

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTK1, TRO, MOR8, etc.

Table with columns: Station Name, AML, AML, Time, Res. Includes stations like NAY Al-Naieem, NAY Umm Al-Ruwaisa, AFFS Athlath, etc.

ADC 30 02:27:44.9:6.7, 17.405x177.53W, mb4.0/3, mb1 4.4/3, mb1mx4.1/9, Error ellipse: s-maj=288.0km

Table with columns: Code, Station Name, AML, AML, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

MAN 30 02:39:47.8, 11.655N:124.37E, h19km, mb4.1, ML2.9, MS2.1

ISC 30 02:39:47.7:0.6, 11.711N:0.04x124.33E:0.04, h19km, n12, s=116/20, 1C-ID, Leyte

Table with columns: Code, Station Name, AML, AML, Time, Res. Includes stations like OCLP Ormoc, OCLP Palo, PLP Catarman, etc.

NNC 30 02:43:46.9:2.8, 45.98N:97.10E, Error ellipse: s-maj=46.1km s-min=27.1km az=8.0

BUI 30 02:43:50.7, 46.27N:96.81E, h8km, mb4.6, ML4.5, Ms4.0, Ms3.9

NEIC 30 02:43:52.7:4.8, 46.36N:96.80E, h2km, 32km, mb4.1/5, Error ellipse: s-maj=18.1km s-min=9.5km az=21.0

ISC 30 02:43:52.0:4.2, 46.20N:96.89E, mb4.0/11, mb1 4.1/13, mb1mx4.0/19, ML3.6/2, MS3.1/2, Ms1 3.1/2, ms1mx2.8/19, Error ellipse: s-maj=24.9km s-min=16.4km az=44.0

MOS 30 02:43:53.2:1.2, 46.35N:96.74E, h15km, mb4.4/13, MS3.5/4, Error ellipse: s-maj=12.3km s-min=7.1km az=111.2

ISC 30 02:43:52.4:0.3, 46.19N:0.04x96.75E:0.06, h15km, n70, s=110/72, mb4.1/23, MS3.6/7, 5C-6D, Mongolia

Table with columns: Code, Station Name, AML, AML, Time, Res. Includes stations like ZAK Zakamensk, MOY Mondy, GTA Gaotai, etc.

Main table with columns: Station Name, AML, AML, Time, Res. Includes stations like ELT Makanchi Array, MK31 Kurchatov, MKAR Kurchatov, etc.

Table with columns: Station Name, AML, AML, Time, Res. Includes stations like NOA Eielson Array, ILAR Eielson Array, INK Inuvik, etc.

ADC 30 02:57:44.8:3.9, 5.89S:127.69E, h374km, 41km, mb3.4/2, mb1 3.2/4, mb1mx3.2/9, Error ellipse: s-maj=113.0km

NEIC 30 02:57:46.3:1.6, 5.89S:127.86E, h399km, 20km, Error ellipse: s-maj=31.5km s-min=13.6km az=75.0

ISC 30 02:57:38.0:2.3, 5.65S:0.1-127.7E:0.3, h313km, 24km, n14, s=135/16, mb3.8/2, 1D, Banda Sea

Table with columns: Code, Station Name, AML, AML, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

BUI 30 03:05:11.5, 11.94N:92.72E, h48km, mb4.6, mb4.4, Ms3.9, Ms3.4

NEIC 30 03:05:12.8:0.7, 12.08N:92.61E, mb4.4/5, Error ellipse: s-maj=30.3km s-min=9.9km az=57.0

ADC 30 03:05:14.1:1.3, 12.29N:92.81E, h36km, 7km, mb4.0/9, mb1 4.1/9, mb1mx4.0/12, Error ellipse: s-maj=78.7km s-min=15.3km az=54.0

ISC 30 03:05:10.9:0.6, 12.05N:0.07x92.56E:0.05, h35km, h35km, 1.0km, pP, n46, s=91/51, mb3.4/19, Andaman Islands region

Table with columns: Code, Station Name, AML, AML, Time, Res. Includes stations like PBA Port Blair, BDT Bhumibol Dam, CHG Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOF Joensuu, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BUNI Buntu Taipa, BUNI Tanete Lipujan, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VRSR Storozhevo, VRSR Jabal al Asfar, etc.

NEIC 30 03:35:10.9,0.8,31.46S:69.09W, h141km, 14km, MD3.3(GUC), Error ellipse: s-maj=18.9km s-min=7.5km az=69.0

NEIC 30 05:07:09.2,2.6,22.07S:169.56E, h10km, mb4.4/1, Error ellipse: s-maj=110.0km s-min=22.7km az=161.0

PSZ Piskesteto, ELI Elat, SUI Suwalki, EUL Valguarnera, VAE Davos, DAVOS Davos

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMCH Combarbala, PTCH Petorca, JACH Jahuel, etc.

NEIC 30 05:09:23.0,2.0,42.56N:36.58E, h10km, mb4.3/2, Error ellipse: s-maj=12.2km s-min=8.3km az=171.0

NOA NORARSAR Array B, NOA NORARSAR Array B, NOA NORARSAR Array B

IDC 30 03:49:20.1,1.7,13.07N:88.14W, mb3.7/5, mb1.4/0/6, mb1mx3.8/15, ML2.7/1, Error ellipse: s-maj=84.8km s-min=31.2km az=51.0

IDC 30 05:09:25.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

NEIC 30 03:49:21.8,0.8,13.00N:88.19W, h15km, MD3.8(SNET), Error ellipse: s-maj=38.0km s-min=10.0km az=225.0

IDC 30 05:09:21.6,0.3,42.65N:36.64E, h10km, n75, s=139/89, mb4.1/8, MS2.9/2, 5C-7D, Black Sea

NOA NORARSAR Array B, NOA NORARSAR Array B, NOA NORARSAR Array B

NEIC Felt [III] at San Salvador, El Salvador, CASC 30 03:49:30.8,2.1,13.03N:89.17W, h55km, 16km, MD4.2, ML4.4

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LFRS El Faro, LCBS La Ceiba, SNET Serv Nac Est T, etc.

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

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

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5

IDC 30 05:09:23.5,1.8,43.07N:36.65E, h10km, mb4.0/5, Error ellipse: s-maj=10.3km s-min=6.3km az=116.6

BRVK Borovoye, BVAR Borovoye, BVAR Borovoye, ARCES ARCESS Array B, ARCES ARCESS Array B

ASAR Alice Springs 137.86 249 PKP PKPdf 04 08 52.5 +3.5





mb1 3.7/1.4, mb1mx3.6/2.2, Error ellipse: s-maj=16.2km s-min=8.6km az=76.0

NEIC 30 09:52:06.3-0.6, 30.59N-137.83E, h472km, 7km, mb4.4/9, Error ellipse: s-maj=11.1km s-min=6.6km az=90.0

ISC 30 09:52:04.6-0.3, 30.57N-104.138.05E-0.06, h479km, 3km, n70, c095/87, mb4.1/23, 1C-1D, Southeast of Honshu

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

s-maj=15.1km s-min=6.0km az=163.0 BJI 30 10:07:53.1, 42.90N-78.10E, h6km, ML3.9

IDC 30 10:07:53.1, 42.90N-78.10E, h6km, ML3.9, mb1 3.9/8, mb1mx3.7/1.6, ML3.4/2, Error ellipse: s-maj=23.9km

s-min=23.7km az=113.0 MOS 30 10:08:00.8-2.0, 43.48N-77.43E, h33km, mb4.2/4, Error ellipse: s-maj=15.5km s-min=10.8km az=95.1

NEIC 30 10:08:01.6-8.9, 43.62N-77.86E, h8km, 50km, Error ellipse: s-maj=34.3km s-min=15.8km az=195.0

ISC 30 10:07:55.7-0.5, 43.33N-105.77.22E-0.06, h10km, n45, c136/53, mb3.8/7, MS3.9/1, 12C-4D, Lake Issyk-Kul region

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

c126/91, 2C, Morocco Code Station Name Az Az' Op Phase ID Time Res ISC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BCI Bajram Curri, PVI Plav, NIKSIC Niksic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SKO Skopje, OHR Ohrid, GRU Gruz, FNA Florina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MMB Musumiste, MRLC Muro Lucano, PGB Panaguryshite, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CSSN Cassano Iripino, MGR Merigera, EVR Evrytiana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KEDI Kedondong, RATI Rata, INGI Ingas, etc.

BER 30 11:02:54.3, 3.5, 59.61N, 10.31E, MD2.3, ML1.7, ML2.4(NAO), Explosion

NAO 30 11:02:54.6, 8.6, 59.57N, 10.52E, h19km, 61km, ML2.4, ISC 30 11:02:53.5, 0.8, 59.77N, 10.04, 10.14E, 0.07, n15, e1936/27

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KONO Kongsberg, OSL Oslo, ODD1 Odda, etc.

IDC 30 11:04:11.7, 7.8, 30.40S, 179.46W, h332km, 75km, mb2.8/2, mb1.3/2.4, mb1mx3/2.0, Error ellipse: s-maj=72.9km

NEIC 30 11:04:13.0, 0.9, 30.51S, 179.46W, h350km, Error ellipse: s-maj=28.5km s-min=15.7km az=104.0

ISC 30 11:04:12.9, 1.3, 30.48S, 0.06, 179.7W, 0.2, h350km, n26, e1525/28, mb2.8/2, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PUZ Puketiti, URZ Urewera, URZ North Gisborne, etc.

NIED 30 11:07:00, 27.90N, 143.00E, h5km, Mw4.0 Best double couple: M1.01x10^15 NP1.9e352, e58, l83, NP2.9e185, e33, l100

IDC 30 11:07:49.2, 0.7, 27.74N, 142.89E, mb3.9/9, mb1.4/1.9, mb1mx4.1/1.4, MS3.0/1, Ms1.3/0.1, ms1mx2.6/2.7, Error ellipse: s-maj=28.7km s-min=13.0km az=121.0

JMA 30 11:07:49.7, 0.3, 27.93N, 143.04E, h23km, M4.0, Error ellipse: s-maj=13.6km s-min=7.7km az=77.0

BUI 30 11:07:55.3, 27.70N, 142.70E, h45km, mb4.4, mb4.1, ISC 30 11:07:51.5, 1.8, 27.96N, 142.8E, h1.1, h25km, 12km, n31, e1931/34, mb4.0/1.1, ID, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GTA Gaotai, PMG Port Moresby, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WB2 Warramunga Arr, WRA Warramunga Arr, MKAR Makarani Array, etc.

IDC 30 11:13:56.0, 1.8, 5.98S, 149.25E, mb3.7/3, mb1.4/1.3, mb1mx3.9/7, Error ellipse: s-maj=119.0km s-min=28.1km az=124.0

NEIC 30 11:14:04.2, 3.3, 5.82S, 148.75E, h54km, 40km, Error ellipse: s-maj=100.2km s-min=8.5km az=135.0

ISC 30 11:14:02.2, 3.5, 5.85S, 0.3, 148.7E, 0.4, h52km, 42km, n9, e0449.9, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAB Rabaul, PMG Port Moresby, WRAB Tennant Creek, etc.

NEIC 30 11:17:22.7, 48.33N, 7.65E, h10km, ML2.1(LDG), ML1.8(STRF), After STR

STR 30 11:17:22.7, 0.4, 48.33N, 7.65E, h10km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 30 11:17:23.0, 1.1, 48.30N, 7.62E, h5km, MD2.0/1, M12.1/6, Error ellipse: s-maj=1.9km s-min=1.5km az=60.0

BGR 30 11:17:24.7, 1.2, 48.29N, 7.67E, h10km, ML0.8/1, Error ellipse: s-maj=12.2km s-min=5.6km az=133.0

ISC 30 11:17:23.1, 0.5, 48.30N, 0.03, 7.59E, 0.03, h5km, n16, e1912/31, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LIBD Limburg, WLS Welschbruch, CDF Champ du Feu, etc.

IDC 30 11:28:05.2, 15.0, 29.35N, 43.05W, mb3.5/4, mb1.3/9.4, mb1mx3.7/1.6, MS4.0/12, Ms1.4/0.12, ms1mx3.7/2.6, Error ellipse: s-maj=341.0km s-min=77.3km az=140.0

Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SADO Sadowa, ESCD Sonsea Array, FRB Frober Bay, etc.

TIR 30 11:30:05.4, 42.23N, 19.49E, h30km, M12.2
NEIC 30 11:30:07.6, 42.21N, 19.51E, h18km, MD2.5(PDG),
ML2.7(ZAG), After PDG.
PDG 30 11:30:07.6, 42.21N, 19.51E, h18km, 1km
ISC 30 11:30:07.7, 42.22N, 19.48E, 0.03, h13km, 5km,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SDA Shkodra, TTG Podgorica, ULU Ulcinj, etc.

ISC 30 11:31:20.9, 2.6, 30.79S, 71.23W, mb3.7/2, mb1 4/1,
mb1mx4.0/10, ML3.8/2, Error ellipse: s-maj=91.1km,
s-min=29.3km az=1.0

NEIC 30 11:31:27.5, 31.06S, 71.38W, h56km, After GUC.
ISC 30 11:31:27.5, 31.06S, 71.38W, h56km, 5km, ML5.1,
GUC 30 11:31:26.6, 31.05S, 71.57W, 0.08, h57km, 7km,

Main table of station data for the left column, including stations like CMCH Combarbala, OVCH Ovalle, ILLCH Illapel, etc.

BUI 30 11:42:43.6, 5.51S, 129.93E, h164km, mb5.2, mb4.9
MOS 30 11:42:50.4, 0.9, 4.74S, 129.43E, h167km, mb5.0/13, Error
ellipse: s-maj=29.8km s-min=10.7km az=100.7
NEIC 30 11:42:51.4, 0.9, 4.80S, 129.64E, h165km, 6km, mb4.7/17,
Error ellipse: s-maj=7.7km s-min=5.4km az=62.0
SYO 30 11:42:51.3, 4.80S, 129.64E, h165km, MB4.7

ISC 30 11:42:53.4, 2.2, 4.85S, 129.60E, h180km, 19km, mb4.6/16,
mb1 4.6/17, mb1mx4.6/18, MS2.5/1, Ms1 2.5/1,
ms1mx2.3/15, Error ellipse: s-maj=21.2km s-min=8.4km
az=78.0
ISC 30 11:42:50.1, 1.1, 0.4, 8.22S, 0.04, 129.62E, 0.05, h166km, 9km,

Main table of station data for the middle column, including stations like KAKA Kakadu, FITZ Fitzroy Crossi, KEDI Kedomdong, etc.

Main table of station data for the right column, including stations like KOLN Koldanda, HYB Hyderabad, DANN Dangsang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like DAWY Dawson, ASF Jabal al Asfar, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like JOF Joensuu, JOF Kajaani, FIAO FINES Array S, etc.

NEIC 30 11:54:57.1, 36.12S; 178.22E, h223km, mb4.2/1, After WEL.
SYO 30 11:54:57.1, 36.12S; 178.22E, h223km, MB4.2
WEL 30 11:54:57.2, 0.3, 36.13S; 178.10E, h226km, az=90.0, Error ellipse: s-maj=8.3km s-min=3.3km az=1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like HBZ Hicky Bay, WIZ White Island, WIZ White Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like KHZ Kahutara, KHZ Denniston Nort, DSZ Denniston Nort, etc.

NEIC 30 12:03:47.2, 47.15N; 1.63E, h4km, ML2.7(LDG), ML2.5(STR), After LDG.
LDG 30 12:03:47.2, 0.1, 47.15N; 1.63E, h4km, Md2.3/1, ML2.7/8, Error ellipse: s-maj=2.3km s-min=1.4km az=172.0

STR 30 12:03:48.7, 0.7, 47.02N; 1.67E, h5km, 1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
ISC 30 12:03:45.6, 0.4, 47.12N; 0.04, 1.64E, 0.04, h3km, 9km, n11, c077/27, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like HYF Humbligny, HYF Humbligny, HYF Humbligny, etc.

TAP 30 12:20:02.7, 23.24N; 121.59E, h39km, 1km, ML4.2
TAP Fall II J at Chengung, I J at Hungye, I J at Lidau, I J at Shilin, I J at Mingjiao

JMA 30 12:20:04.0, 0.3, 23.25N; 121.64E, h85km, M3.4
ISC 30 12:20:03.2, 0.3, 23.23N; 0.02, 121.60E, 0.02, h3km, 9km, n68, c092/123, 12C-40, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like CHKT Chengkung, CHKT Chengkung, TWF1 Yuli, etc.

NEIC 30 11:44:38.1, 15.64N; 94.02W, h27km, MD4.1 (MEX), After MEX.

MEX 30 11:44:38.2, 0.9, 15.64N; 94.02W, h27km, 31km, MD4.1, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KHZ, SN, S. Includes stations like CMIG Matias Romero, SCX San Cristobal, COIG Comitán, etc.

HEL 30 11:53:12.2, 1.4, 61.47N; 35.15E, ML2.5, ML2.4(NAO), Explosion

NAO 30 11:53:13.2, 4.1, 61.65N; 34.88E, ML2.4
IDC 30 11:53:14.3, 2.1, 61.65N; 34.84E, mb1 3.3/4, mb1mx3.2/14, ML2.8/4, Error ellipse: s-maj=22.6km s-min=13.5km az=143.0

ISC 30 11:53:05.9, 1.8, 61.42N; 0.10, 35.3E; 0.2, n12, c140/24, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHNS Jiali, WSF Sshu, TWOT Liyutan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOPB Hope, TXB Texada, WSLR Whistler, BC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NCU National Centr, TWY Chenhua, NSY Nanjuang, etc.

ISC 30 12:32:05.3-1.5, 12.71S, 66.51E, mb3.7/4, mb1 3.7/4, mb1mx3.7/11, MS3.6/4, Ms1 3.6/4, ms1mx3.3/15, Error ellipse: s-maj=50.0km, s-min=30.0km, az=27.0

ISC 30 12:32:04.9-1.4, 12.7S, 0.3-66.5E, 0.2, h10km, n7, c0f66/4, mb3.7/4, MS3.7/4, Mid-Indian Ridge

ISC 30 12:34:18.0, 48.92N, 123.06W, h21km, ML2.9(PGC), After PGC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, EIL Elat, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WOSB Woss, NAC Naches, EDB Eliza Dome, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCLT Jiali, ECL Taimali, SSD Sandimen, etc.

NEIC 30 12:34:18.0, 48.92N, 123.06W, h21km, ML2.9(PGC), After PGC

NEIC 30 12:34:18.0, 48.92N, 123.06W, h21km, ML2.9(PGC), After PGC

NEIC 30 12:34:18.0, 48.92N, 123.06W, h21km, ML2.9(PGC), After PGC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNB Saturna Island, GOBB Galiano Island, MCW Mount Constitit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WALA Waterton Lakes, DOWB Downie Slide, NEW Newport, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, HIA Hialar, ULN Ulanbaatar, etc.

ISC 30 12:43:00.24, 50.0N, 121.90E, h65km, Mw4.1 Best double couple: M1.59x1015 NPl.9x185, 867, lambda.109, NP2: alpha=323, delta=152





Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like ARCES ARCESS Array B, ULN Ulanbaatar, FINES FINES Array B, etc.

NAO 30 14:19:21.0-4.6, 59.14N; 9.58E, h9km, Mw3.0, ML2.0
BER 30 14:19:27.3-6.9, 59.96N; 9.61E, MD1.8, ML1.0, ML2.0(NAO), Suspected explosion
ISC 30 14:19:23.4-1.0, 60.13N; 0.07-9.7E: 0.1, n3, s1927/7,

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like KONO Kongsberg, ODD1 Odda, HFS Hagfors, etc.

IDC 30 14:53:50.4; 16.0, 12.27S; 167.04E, h166km, 1.44km, mb3.5/4, mb1 3.7/4, mb1mx3.7/9, Error ellipse: s-maj=134.0km s-min=46.9km az=137.0, Santa Cruz Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eilsdon Array, etc.

NIED 30 15:06:00.29, 00N; 131.80E, h50km, Mw3.6 Best double couple: M3.34x1014 NP1: 9.31, 861, -69. NP2: 9.173, 835, -122
JMA 30 15:06:27.7-0.2, 28.97N; 131.82E, h78km, M3.7
ISC 30 15:06:26.6-1.2, 28.98N; 0.06-131.8E: 0.1, h110km, 19km, n13, c0578/25, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like JZK Kikaishima, JTN Tanegashima 3, JNN Nakanoshima, etc.

CASC 30 15:45:34.8; 0.9, 14.58N; 92.14W, h70km, 9km, MD3.8, 3C-3D, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, TER Terranova, etc.

TAP 30 15:48:42.6, 21.73N; 121.97E, h27km, ML3.3
JMA 30 15:48:44.9-0.4, 21.79N; 122.17E, h40km, M3.7
ISC 30 15:48:45.8-2.4, 21.8N; 0.2-122.3E: 0.2, h40km, n5, c0532/10, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like HATJ Hateruma jima, YOJ Yonaguni jima, JKR Kuro-shima, etc.

NIED 30 15:53:00.27, 80N; 143.40E, h5km, Mw4.8 Best double couple: M1.57x1016 NP1: 9.327, 867, -159. NP2: 9.203,

delta: 839, lambda: 140
JMA 30 15:53:24.8-0.5, 27.85N; 143.35E, h4km, 4km, M5.0
BUJ 30 15:53:27.0, 27.80N; 142.83E, h8km, mb4.9, mb4.7, Ms4.5, Ms2.2
IDC 30 15:53:28.3-0.6, 27.83N; 142.83E, mb4.6/1.2, mb1 4.7/1.6, mb1mx4.7/1.8, ML3.7/4, MS4.1/1.3, Ms1 4.1/1.3, ms1mx4.1/1.6, Error ellipse: s-maj=21.6km s-min=12.8km az=118.0
NEIC 30 15:53:29.9-3.5, 27.74N; 142.85E, h15km, 21km, mb4.8/3.0, Error ellipse: s-maj=7.6km s-min=5.8km az=109.0
MOS 30 15:53:33.8-0.9, 28.11N; 142.82E, h4km, mb5.2/2.7, Error ellipse: s-maj=13.6km s-min=5.8km az=113.2
ISC 30 15:53:30.2-0.8, 27.96N; 0.02-142.76E: 0.04, h19km, 5km, h33km, 1.3km, pp-P, n235, s1908/261, mb5.0/7.4, MS4.2/32, 8C-6D, Bonin Islands region

Main table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Haha-jima-NKT, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like NJ2, NJ2, NJ2, KLR Kul'dur, TIA Tai'an, TGY Tagaytay City, etc.



KMI	comp=E,154nm,14.1s,MS4.0	LR	LR		
BOD	comp=Z,242nm,31.0s	P	P		
GTA	<b>Bodalibo</b> 36.00 334 eP			16 00 31.5 -0.2	
GTA	<b>Gaotai</b> 37.20 299 eP			16 00 41.3 -0.7	
GTA		AP	P	16 00 53.0 +5.2	
GTA		PP	PP	16 02 08.0 -1.3	
GTA		PCP	PCP	16 03 02.8 +0.5	
GTA		S	S	16 06 26.0 -1.3	
GTA		ScP	ScP	16 06 46.5	
GTA		SCS	SCS	16 10 53.0 -0.4	
GTA		AMB	AMB		
GTA	comp=Z,25nm,0.9s,mb5.0	AMB	AMB		
GTA	comp=Z,122nm,4.2s	LR	LR		
GTA	comp=N,247nm,14.8s,MS4.2	LR	LR		
GTA	comp=E,148nm,16.0s,MS4.2	LR	LR		
GTA	comp=Z,200nm,16.3s,MS4.0	LR	LR		
ZAK	<b>Zakamensk</b> 37.30 418 iP	P	P	16 00 43.8 +1.0	
IRK	<b>Irkutsk</b> 37.48 321 eP	P	P	16 00 42.8 -1.4	
MOY	<b>Monday</b> 39.12 319 eP	P	P	16 00 59.4 +1.4	
CM31	<b>Chiang Mai Arr</b> 41.18 286 eP	P	P	16 01 15.2 -0.1	
KAKA	<b>Kakadu</b> 41.65 195 eP	P	P	16 01 16.1 -3.2	
BILL	comp=Z,7.2nm,0.6s,mb4.5	P	P	16 01 24.9 -0.7	
BILL	<b>Bilbino</b> 42.50 13 eP	P	P	16 01 24.4 -1.2	
BILL	comp=Z,4.8nm,0.8s,mb4.2	P	P		
BILL	<b>Bilbino</b> 42.50 13 iP	P	P		
BILL		pmax	pmax		
BILL	comp=Z,5.0nm,0.7s,mb4.2	MLR	MLR		
BILL	comp=Z,100nm,17.0s,MS3.8	MLR	MLR		
TIXI	<b>Tiksi</b> 44.40 354 eP	P	P	16 01 40.3 -0.7	
TIXI	comp=Z,4.1nm,0.8s,mb4.2	eP	eP	16 01 39.8 -1.2	
TIXI	<b>Tiksi</b> 44.40 354 eP	e	e	16 11 31.7	
TIXI		pmax	pmax		
TIXI	comp=Z,4.0nm,0.8s,mb4.2	MLR	MLR		
TIXI	comp=Z,301nm,17.0s,MS4.3	MLR	MLR		
LSA	<b>Lhasa</b> 44.94 285 eP	P	P	16 01 46.8 +0.9	
LSA	<b>Lhasa</b> 44.94 285 eP	P	P	16 01 46.3 +0.5	
LSA	comp=Z,1.9nm,0.7s,mb4.0	P	P	16 01 46.3 +0.4	
LSA	<b>Lhasa</b> 44.94 285 eP	pmax	pmax		
SHL	comp=Z,2.0nm,0.7s,mb4.1	P	P	16 01 48.0 -0.2	
SHL	<b>Shillong</b> 45.22 279 eP	eP	eP	16 05 49.3	
WMQ	<b>Urumqi</b> 46.49 305 iP	iP	iP	16 01 58.3 +0.4	
WMQ		AP	P	16 02 08.0 +4.2	
WMQ		XP	PP	16 02 12.0 +5.9	
WMQ		PP	PP	16 03 47.8 +0.6	
WMQ		SCP	S	16 07 21.5	
WMQ		XS	S	16 08 44.0 -0.4	
WMQ		ScS	ScS	16 09 01.0	
WMQ		SS	SS	16 11 45.0 -4.5	
WMQ		AMB	AMB	16 12 03.0 +0.2	
WMQ	comp=Z,48nm,1.4s,mb5.2	LR	LR		
WMQ	comp=N,168nm,18.0s,MS4.2	LR	LR		
WMQ	comp=E,182nm,18.0s,MS4.2	LR	LR		
WMQ	comp=Z,206nm,19.0s,MS4.1	LR	LR		
CTAO	<b>Charters Tower</b> 47.89 176 eP	P	P	16 02 06.0 -3.3	
CTAO		LR	LR		
WRAB	<b>Tennant Creek</b> 48.30 191 eP	P	P	16 02 08.7 -3.8	
WB2	comp=Z,140nm,0.9s,mb5.0	P	P		
WB2	<b>Warramunga Arr</b> 48.31 191 iP	S	S	16 02 08.9 -3.7	
WB2		iS	iS	16 09 03.2 -7.3	
WRA	<b>Warramunga Arr</b> 48.31 191 eP	S	S	16 09 02.7 -7.8	
TNA	comp=Z,0.8nm,1.1s,baz=7.7,slow=12,SNR=2.9	P	P	16 02 13.7 +1.1	
TNA	<b>Tin City</b> 48.39 25 eP	P	P	16 02 12.5 -3.1	
FITZ	<b>Fitzroy Crossi</b> 48.70 202 eP	P	P	16 02 12.5 -3.1	
JIRN	comp=Z,139nm,1.0s,mb4.9	P	P		
JIRN	<b>Jiri</b> 49.63 284 eP	P	P	16 02 22.7 0.0	
GUN	comp=Z,198nm,1.3s,mb5.5	P	P		
GUN	<b>Gumba</b> 49.84 284 eP	P	P	16 02 24.1 -0.1	
NVS	comp=Z,185nm,1.4s,mb5.9	iP	iP	16 02 26.8 +0.1	
NVS	<b>Novosibirsk</b> 50.21 320 eS	S	S	16 03 32.2 -4.2	
NVS		pmax	pmax		
NVS	comp=N,25nm,1.8s	pmax	pmax		
NVS	comp=E,97nm,1.8s	pmax	pmax		
NVS	comp=Z,104nm,1.8s,mb5.6	pmax	pmax		
NVS		smax	smax		
NVS	comp=N,18nm,2.5s	pmax	pmax		
NVS	comp=E,18nm,2.5s	pmax	pmax		
MKAR	<b>Makanchi Array</b> 50.32 309 P	P	P	16 02 27.7 +0.1	
MKAR	comp=E,15nm,0.9s,mb5.0,baz=90,slow=9.7,SNR=42	P	P	16 03 46.2 -0.4	
MKAR		PCP	PCP		
MKAR	comp=E,5.2nm,0.9s,baz=108,slow=3.8,SNR=4.0	LR	LR	16 24 46.3	
MKAR	comp=E,331nm,19.0s,MS4.4,baz=91,slow=37	P	P	16 02 27.7 +0.1	
MKAR	<b>Makanchi Array</b> 50.32 309 P	PCP	PCP	16 03 46.2 -0.4	
MKAR		LR	LR	16 24 46.3	
MKAR	<b>Makanchi Array</b> 50.32 309 P	P	P	16 02 27.7 0.0	
MKAR		pmax	pmax	16 03 46.2	
MKAR	comp=Z,15nm,0.9s,mb5.0	pmax	pmax		
MKAR	comp=Z,5.0nm,0.9s,mb4.5	MLR	MLR		
PKI	comp=Z,331nm,19.0s,MS4.4	eP	eP	16 02 27.3 -0.7	
PKI	<b>Pulchoki</b> 50.33 284 eP	P	P	16 02 28.0 -0.4	
KKN	<b>Kakani</b> 50.38 284 eP	P	P	16 02 29.4 -0.5	
DMN	comp=Z,65nm,1.1s,mb5.5	P	P	16 02 31.2 -1.0	
DMN	<b>Daman</b> 50.58 284 eP	P	P	16 02 38.7 -0.7	
GKN	comp=Z,69nm,1.2s,mb5.5	P	P	16 02 37.0 -4.0	
GKN	<b>Gorkha</b> 50.88 285 eP	P	P	16 02 45.8 -0.2	
KOLN	comp=Z,130nm,1.4s,mb5.7	P	P	16 02 49.6 -3.5	
KOLN	<b>Koldanda</b> 51.83 285 eP	P	P	16 02 54.8 -0.8	
ASAR	comp=Z,75nm,1.1s,mb5.5	P	P	16 02 57.2 -0.1	
ASAR	<b>Alice Springs</b> 52.03 190 P	P	P	16 02 59.9 +0.4	
KURK	comp=Z,3.4nm,0.5s,mb4.5,baz=11,slow=9.0,SNR=133	P	P	16 03 04.2 -0.6	
KURK	<b>Kurchatov</b> 52.75 314 eP	P	P	16 03 06.0 +0.9	
MBWA	<b>Marble Bar</b> 53.67 207 P	P	P	16 03 08.4 -1.5	
IMA	<b>Indian Mountain</b> 54.09 27 eP	P	P	16 03 09.7 +1.9	
PTH	<b>Pithoragarh</b> 54.25 288 eP	P	P	16 03 09.7 +1.0	
JOSI	<b>Joshimath</b> 54.55 289 eP	P	P	16 03 10.0 +0.6	
VIS	<b>Vishakhapatnam</b> 55.26 273 eP	P	P	16 03 10.0 -0.3	
VIS		pmax	pmax		
TKM2	comp=Z,38nm,0.8s,SNR=8.3	P	P	16 03 10.9 +0.4	
TKM2	<b>Tokmak 2</b> 55.34 305 P	P	P	16 03 11.8 +0.7	
PMR	<b>Palmer</b> 55.43 33 P	P	P	16 03 12.3 +0.8	
PMR	comp=Z,9.1nm,0.8s,mb4.9	P	P	16 03 12.3 +0.6	
PMR	<b>Palmer</b> 55.43 33 P	P	P	16 03 12.4 +0.7	
PMR		pmax	pmax		
PMR	comp=Z,9.0nm,0.8s,mb4.8	pmax	pmax		
KALG	<b>Kalgarh</b> 55.49 288 eP	P	P	16 03 14.8 -1.5	
KZA	<b>Kyzart</b> 55.71 304 eP	P	P	16 03 09.7 +1.9	
KZA	SNR=5.4	P	P	16 03 09.7 +1.0	
KBK	<b>Karagaybulak</b> 55.85 304 P	P	P	16 03 09.7 +1.0	
CHMS	<b>Chumysh</b> 55.95 305 P	P	P	16 03 10.0 +0.6	
FRU	comp=Z,7.9nm,1.1s,mb5.5	P	P	16 03 10.9 +0.4	
FRU	<b>Bishkek</b> 56.07 305 eP	P	P	16 03 11.8 +0.7	
FRU		pmax	pmax		
USP	comp=Z,60nm,1.8s,mb5.3	P	P	16 03 12.3 +0.8	
USP	<b>Ospenovka</b> 56.09 305 P	P	P	16 03 12.3 +0.6	
AAK	<b>Ala-Archa</b> 56.19 304 P	P	P	16 03 12.4 +0.7	
UCH	comp=Z,3.3nm,0.7s,mb4.4	P	P	16 03 12.3 +0.8	
UCH	<b>Uchtor</b> 56.23 304 P	P	P	16 03 12.3 +0.6	
COLA	comp=Z,3.2nm,0.7s,mb4.5	P	P	16 03 12.4 +0.7	
COLA	<b>College</b> 56.31 29 P	P	P	16 03 15.1 +0.2	
COLA		pmax	pmax		
COLA	comp=Z,3.0nm,0.7s,mb4.4	P	P	16 03 15.1 +0.2	
EKS2	<b>Erkin-Say</b> 56.70 305 P	P	P	16 03 13.1 -1.6	
ILAR	<b>Eielson Array</b> 56.71 29 P	P	P		

ILAR	comp=Z,4.4nm,0.8s,mb4.5,baz=288,slow=6.8,SNR=26	P	P	16 03 13.1 -1.5	
ILAR	<b>Eielson Array</b> 56.71 29 P	pmax	pmax		
AGRA	comp=Z,4.0nm,0.8s,mb4.5	eP	eP	16 03 13.5 -2.4	
AGRA	<b>Agra</b> 56.81 286 eP	P	P	16 03 17.6 +1.6	
AML	<b>Almayusha</b> 56.85 304 P	P	P		
SNR=14				16 03 15.5 -1.6	
KKR	<b>Kurukshetra</b> 56.99 289 eP	P	P	16 03 15.0 -2.3	
NDI	<b>New Delhi</b> 57.01 288 eP	P	P	16 03 16.9 -2.0	
AYAN	<b>Aya Nagar</b> 57.14 287 eP	P	P	16 03 16.9 -2.0	
BHGR	<b>Bahadurgarh</b> 57.24 288 eP	P	P	16 03 20.1 +1.1	
THN	<b>Thain Dam</b> 57.27 292 eP	P	P	16 03 20.4 -0.5	
CHKZ	<b>Chkalovo</b> 57.57 318 eP	pmax	pmax		
CHKZ				16 03 20.4 -0.5	
RTK	comp=Z,24nm,1.2s,mb5.1	P	P	16 03 20.7 -0.7	
RTK	<b>Rohtak</b> 57.59 288 eP	P	P	16 03 22.3 +0.1	
BVAR	<b>Borovoye Array</b> 57.75 317 eP	P	P	16 03 21.6 -1.0	
KUDL	<b>Kundali</b> 57.78 287 eP	P	P	16 03 22.2 -0.4	
BRVK	<b>Borovoye</b> 57.81 317 iP	P	P	16 03 22.8 +0.2	
BRVK	<b>Borovoye</b> 57.81 317 iP	pmax	pmax		
BRVK				16 03 22.8 +0.2	
BRVK	comp=Z,23nm,1.3s,mb5.0	pmax	pmax		
KHET	<b>Khetri</b> 58.37 287 eP	P	P	16 03 26.2 -0.6	
BHPL	<b>Bhopal</b> 58.50 281 eP	P	P	16 03 27.1 -0.6	
BHPL		e	e	16 03 31.2 -2.5	
ZRNN	comp=Z,28nm,1.2s	P	P	16 03 28.0 0.0	
ZRNN	<b>Zerenda</b> 58.59 317 P	pmax	pmax		
KKAR	comp=Z,49nm,1.9s,mb5.9	iP	iP	16 03 30.9 -0.1	
KKAR	<b>Kararay Array</b> 58.99 306 iP	pmax	pmax		
KKAR				16 03 30.9 -0.1	
STKA	comp=Z,72nm,1.3s,mb5.5	P	P	16 03 30.5 -4.2	
STKA	<b>Stephens Creek</b> 59.52 181 eP	P	P	16 03 34.5 -0.9	
HYB	comp=Z,4.0nm,0.9s,mb4.5	iP	iP	16 03 45.0	
HYB	<b>Hyderabad</b> 59.59 275 eP	eP	eP	16 03 45.0	
HYB		eP	eP	16 04 24.0 +1.6	
HYB		PCP	PCP	16 03 34.5 -0.9	
HYB		P	P	16 03 45.0	
DAWY	<b>Dawson</b> 59.95 30 P	P	P	16 03 36.5 -0.7	
CUD	<b>Cuddapah</b> 60.56 271 eP	P	P	16 03 41.2 -0.9	
SVE	<b>Sverdllovsk</b> 62.85 322 iP	P	P	16 03 58.0 +1.1	
SVE		pmax	pmax	16 04 07.9	
SVE	comp=Z,60nm,1.8s,mb5.4	MLR	MLR		
SVE	comp=N,100nm,15.0s,MS4.7	MLR	MLR		
SVE	comp=E,400nm,15.0s,MS4.7	MLR	MLR		
SVE				16 03 46.6 -1.1	
JASL	comp=Z,400nm,15.0s,MS4.7	eP	eP	16 04 00.2 -0.2	
JASL	<b>Jaisalmer</b> 62.87 288 eP	P	P	16 04 02.4	
POO	<b>Poona</b> 63.30 278 eP	P	P	16 04 00.6 -0.9	
POO		e	e	16 04 03.3	
KAD	comp=Z,32nm,1.2s	P	P	16 04 00.6 -0.9	
KAD	<b>Karad</b> 63.48 276 eP	P	P	16 04 01.1 -0.8	
KAD		e	e	16 04 12.1	
DHD	comp=Z,46nm,1.4s	eP	eP	16 04 01.1 -0.8	
DHD	<b>Dharwar</b> 63.51 274 iP	P	P	16 04 04.3 -0.4	
ARU	<b>Arti</b> 64.05 322 eP	P	P	16 04 15.5	
ARU	comp=Z,49nm,0.9s,mb5.5	eP	eP	16 04 15.5	
ARU	<b>Arti</b> 64.05 322 eP	P	P	16 04 15.5	
ARU		pmax	pmax		
ARU	comp=Z,49nm,0.9s,mb5.5	P	P	16 04 38.8 -1.8	
KBS	<b>Kingsbay</b> 69.77 351 eP	P	P	16 04 48.9 -0.2	
YKA	<b>Yellowknife Arr</b> 71.14 29 P	P	P	16 37 53.8	
YKA	comp=Z,2.7nm,0.7s,mb4.3,baz=293,slow=5.5,SNR=24	LR	LR	16 37 53.8	
YKA	<b>Yellowknife Arr</b> 71.14 29 P	pmax	pmax	16 04 48.9 -0.2	
YKA				16 04 48.9 -0.2	
YKA	comp=Z,3.0nm,0.7s,mb4.3	MLR	MLR		
YKA				16 04 51.4 +0.5	
APA	comp=Z,102nm,18.6s,MS4.1	iP	iP	16 05 02.2	
APA	<b>Apaitiy</b> 71.44 338 iP	pmax	pmax	16 05 00.5 +1.1	
APA				16 38 41.5	
ARCES	comp=Z,2.1nm,1.0s,mb5.0	P	P	16 05	

30d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEL3 Telica 3, TELN Telica, COPN Copaltepe, etc.

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

NIED 30 17:11:00, 42.90N, 145.50E, h35km, Mw4.2 Best double couple: M2.5x10^15 NP1, phi22, delta68, lambda74. NP2: phi240, delta77, lambda125.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOB Onibets, JAR Ashorobuto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matsushiro, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJI Beijing, BJT Baijiautau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMA Indian Mountai, ILAR Eielson Array, etc.

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

2004 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, CLL Colim, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEDI Kedomdong, RATI Rata, RATI Rata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCHC Las Cruces, LCHC LCOH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CACH El Canelo, PCH Pirque, JACH Jahuel, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATE Arette, ESAC San Caprasio, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EJON La Jonquera, EJON Horta de San J, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LFF La Frestale, LFF La Frestale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCHC Las Cruces, LCHC LCOH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATE Arette, ESAC San Caprasio, etc.

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

640

NIED 30 17:51:00, 44.70N, 150.06E, h50km, Mw5.3 Best double couple: M9.2x10^16 NP1, phi48, delta74, lambda135. NP2: phi153, delta77, lambda222.

BUI 30 17:51:42.0, 44.58N, 150.11E, h31km, mB5.3, mB5.3, Ms4.7, Ms24.6

NEIC 30 17:51:44.3, 45.14N, 150.18E, h25km, mB5.6, HRVD 30 17:51:44.8, 0.2, 44.67N, 150.17E, h42km, 1km, Mw5.2/68, Centroid moment tensor solution. LP body waves: sM5, c68, mantle waves: s68, c124; Half duration: 1s0

SKHL 30 17:51:45.5, 0.3, 44.60N, 150.10E, h55km, 13km, mB5.5/8, mBh5.0/1, mBv5.6/4, ms4.7/4, msb5.4/5

MOS 30 17:51:46.5, 1.2, 44.86N, 149.89E, h54km, mB5.7/28, Error ellipse: s-maj=8.1km s-min=4.9km az=106.9

ISC 30 17:51:46.7, 0.2, 44.69N, 0.03, 150.00E, 0.03, h59km, h59km, 2.1km, p-P, n538, phi90/580, mB5.4/145, MS4.7/52, 121C-9D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, etc.

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

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





Table with columns for station code, name, frequency, and signal strength. Includes stations like SOC, ANN, SDCO, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MOX, GERE, WMOK, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BBS, ORO, ERBM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLJS Baljirashi, NAMS An Nimas, SJPF Set Jean, etc.

TRN 30 18:13:21.6, 11.02N, 62.13W, h91km, MD3.4
FUNV 30 18:13:21.4, 10.99N, 62.14W, h96km, MW3.0
ISC 30 18:19:2.0, 6.1036N, 0.03, 62.20W, 0.03, h105km, 6km, n23, a1504/43, 3C-2D, Near coast of Venezuela.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIV Guiria, TCE Chacachacare, TRN Trinidad (W), etc.

WRG 30 18:32:17.0, 5.0, 35N, 18.87E, ML2.5, Mining Induced
PRU 30 18:32:17.9, 5.0, 33N, 18.97E
NEIC 30 18:32:19.9, 7.3, 5.0, 33N, 18.57E, h5km, Error ellipse: s-maj=76.9km s-min=19.1km az=80.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

ISC 30 18:40:32.5, 8.6, 13.07N, 91.20W, mb3.9/4, mb1 4.1/5, mb1mx3.9/14, ML4.0/1, Error ellipse: s-maj=173.0km s-min=61.8km az=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAT Jato, FUG Fuego 3, TER Terranova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, ILAR Eielson Array, etc.

DJA 30 19:01:27.4, 0.9, 2.56S, 121.25E, h100km, MD4.1/2, ML4.0/3, 1C-4D, Error ellipse: s-maj=30.1km s-min=9.1km az=102.0, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUN Buntu Taipa, BUNI Tanete Lijupan, etc.

NEIC 30 19:03:38.9, 0.5, 43.85N, 105.33W, ML3.2, Error ellipse: s-maj=8.1km s-min=5.6km az=151.0, Suspected Mining explosion.

NEIC 50 km (30 miles) SSE of Gillette.
IDC 30 19:03:40.5, 1.6, 44.02N, 105.39W, mb3.9/4, mb1 3.8/8, mb1mx3.7/17, ML3.5/2, Error ellipse: s-maj=46.1km s-min=20.0km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, PDAR Pedale Array, etc.

MOS 30 19:17:10.5, 1.3, 9.55S, 159.56E, h79km, mb5.3/10, Error ellipse: s-maj=17.1km s-min=10.7km az=57.5

IDC 30 19:17:15.3, 8.1, 9.46S, 159.17E, h91km, 72km, mb4.4/11, mb1 4.6/11, mb1mx4.6/12, MS4.3/6, Ms1 4.3/6, mb1mx0.0/14, Error ellipse: s-maj=27.4km s-min=19.4km az=88.0

NEIC 30 19:17:16.3, 2.3, 9.52S, 159.22E, h106km, 19km, mb5.1/25, Error ellipse: s-maj=12.8km s-min=9.4km az=100.0

NEIC Felt at Honiara.
HRVD 30 19:17:16.3, 0.4, 9.69S, 159.25E, h114km, 5km, MW5.0/40, Centroid moment Tensor Solution. LP body waves: s11, c12; Mantle waves: s40, c54; Half duration: 0 Moment tensor: Scale 10^18Nm; M1=1.12e26; M2=0.94e26; M3=0.17e26; M4=1.02e26; M5=3.56e26; M6=1.86e26; Best double couple: M4, 2.7x10^16 Np1, 2.6e26; 3e33; 1.2e20; N2=3e33; 72e26; 1.6e17; Principal axes: T=4.9, P1g0, Azm136; N=1.16, P1g57; Azm37; P=4.35, P1g33; Azm230; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 30 19:17:16.9, 0.9, 23S, 159.45E, h103km, mb5.0, mb4.8
SYO 30 19:17:16.3, 9.52S, 159.22E, h106km, MB5.1
ISC 30 19:17:06.3, 2.4, 9.55S, 0.06, 159.43E, 0.07, h34km, 20km, n129, a1515/106, mb5.0/52, MS4.4/15, 7C-D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAU Wau, CTA Charters Tower, etc.

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

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
YAK	comp-Z,18nm,0.7s,mb5.1						
YAK	Yakutsk 75.03 346 eP	P				19 28 44.7	-1.2
LSA	comp-Z,18nm,0.7s,mb5.1						
BOD	Lhasa 76.33 304 eP	P				19 28 55.5	+1.4
ZAK	Bodaibo 76.63 337 eP	P				19 28 59.9	-0.2
BILL	Zakamensk 76.99 327 eP	P				19 28 59.9	-0.2
BILL	Bilibino 77.55 3 eP	P				19 29 00.2	+0.1
BILL	comp-Z,18nm,1.0s,mb4.9					19 29 09.7	+1.1
BILL	Bilibino 77.55 3 iP	P				19 31 52.8	
BILL	eS	S				19 38 44.4	-3.1
BILL	eSS	SS				19 43 44.0	-5.9
BILL	comp-Z,23nm,1.0s,mb5.1						
BILL	MLR	MLR					
JIRN	comp-Z,300nm,19.0s,MS4.6						
JIRN	Jiri 79.86 300 eP	P				19 29 14.2	+0.7
GUN	comp-Z,22nm,0.8s,mb5.1						
GUN	Gumba 80.19 301 eP	P				19 29 15.7	+0.4
QSPA	South Pole Qui 80.44 180 eP	P				19 29 18.1	+2.5
PKI	comp-Z,4.7nm,0.9s,mb4.4						
PKI	Pulchoki 80.50 300 eP	P				19 29 17.3	+0.4
KKN	comp-Z,27nm,1.2s,mb5.3						
KKN	Kakani 80.67 300 eP	P				19 29 17.7	-0.1
DMN	comp-Z,20nm,0.7s,mb5.1						
DMN	Daman 80.77 300 eP	P				19 29 19.1	+0.7
GKN	comp-Z,64nm,1.2s,mb5.3						
GKN	Gorkha 81.27 300 eP	P				19 29 20.9	-0.1
PMR	Palmer 81.41 22 eP	P				19 29 20.6	-0.4
PMR	Palmer 81.41 22 eP	P				19 29 20.6	-0.4
SML	comp-Z,24nm,0.8s,mb5.2						
SML	Sawmill 81.85 22 eP	P				19 29 22.7	-0.6
KOLN	Koldanda 82.10 300 eP	P				19 29 25.3	0.0
MCK	comp-Z,22nm,0.7s,mb5.1						
MCK	McKinley 82.83 21 eP	P				19 29 26.9	-1.3
MCK	McKinley 82.83 21 eP	P				19 29 26.9	-1.4
MCK	comp-Z,34nm,1.0s,mb5.3						
MCK	McKinley 82.83 21 eP	P				19 29 26.9	-1.4
IMA	comp-Z,24nm,1.0s,mb5.3						
IMA	Indian Mountai 82.85 17 eP	P				19 29 29.0	+0.6
IMA	Indian Mountai 82.85 17 eP	P				19 29 29.0	+0.7
TIXI	comp-Z,26nm,0.8s,mb5.3						
TIXI	Tiksi 83.53 351 eP	P				19 29 33.2	+1.5
TIXI	Tiksi 83.53 351 eP	P				19 29 32.7	-2.0
TIXI	eS	S				19 39 46.6	-2.9
WMQ	comp-Z,8.0nm,1.4s,mb4.7						
WMQ	Urumqi 83.69 316 pP	P				19 29 32.8	-0.3
WMQ	WMQ 83.69 316 pP	P				19 32 49.0	+1.1
WMQ	AMB	AMB				19 39 54.0	+2.3
WMQ	comp-Z,12nm,1.1s,mb4.9						
WMQ	LR	LR					
WMQ	comp-E,86nm,20.0s,MS4.2						
WMQ	LR	LR					
MAW	comp-Z,75nm,20.0s,MS4.1						
MAW	Mawson 83.74 203 pP	P				19 29 34.4	+1.6
MAW	comp-Z,8.3nm,0.8s,mb4.9,baz=249,slow=17,SNR=3.4						
MAW	LR	LR				20 01 15.1	
COLA	comp-Z,178nm,21.7s,MS4.4,baz=106,slow=32						
COLA	College 83.91 20 eP	P				19 29 33.0	-0.7
COLA	College 83.91 20 eP	P				19 29 33.6	-0.1
ILAR	Eielson Array 84.18 20 pP	P				19 29 34.6	-0.5
HYB	Hyderabad 84.25 289 iP	P				19 29 43.0	+6.5
HYB	Hyderabad 84.25 289 eP	P				19 29 48.0	+1.5
DAWY	Dawson 86.50 23 eP	P				19 29 56.0	+1.5
DLBC	Dease Lake 88.13 30 pP	P				19 29 56.0	+1.5
MKAC	comp-Z,1.2nm,0.3s,mb4.6,baz=270,slow=10,SNR=3.2						
MKAC	Makanchi Array 88.22 318 pP	P				19 29 55.2	0.0
MKAC	comp-Z,38.8nm,6.3,SNR=6.5						
MKAC	Wilson 89.15 58 eP	P				19 29 57.0	-3.2
VGB	Gordon Butte 89.67 44 eP	P				19 29 57.7	-2.5
VWOR	Wild Horse Val 90.47 47 eP	P				19 30 04.8	-1.3
VWOR	eP	P				19 30 15.8	-1.2
KSH	Kashi 91.01 310 eP	P				19 30 12.3	+3.7
TPNV	comp-Z,20nm,0.8s,mb5.5						
TPNV	Topopah Spring 91.17 53 eP	P				19 30 05.5	-3.9
TPNV	comp-Z,10nm,1.0s,mb5.1						
TPNV	Topopah Spring 91.17 53 eP	P				19 30 05.6	-3.8
SYO	comp-Z,10.0nm,1.0s,mb5.1						
SYO	Syowa Base 91.32 198 iP	P				19 30 02.3	-7.1
SYO	Syowa Base 91.32 198 iP	P				19 30 02.3	-7.1
KURK	Kurchatov 91.55 321 eP	P				19 30 09.7	-1.2
YKA	Yellowknife Arr 96.53 28 pP	P				19 30 33.5	+0.2
YKA	comp-Z,1.9nm,0.8s,mb4.6,baz=258,slow=4.5,SNR=32						
YKA	LR	LR				20 06 09.2	
YKA	comp-Z,346nm,20.2s,MS4.8,baz=270,slow=30						
YKA	Yellowknife Arr 96.53 28 pP	P				19 30 33.5	+0.2
YKA	LR	LR				20 06 09.2	
BVAR	Barovoye Array 96.97 323 pP	P				19 30 34.7	-0.8
BVAR	comp-Z,0.7nm,0.6s,mb4.3,baz=90,slow=5.9,SNR=5.7						
BVAR	LR	LR				20 12 59.2	
PDAR	comp-Z,86nm,19.8s,MS4.2,baz=335,slow=35						
PDAR	Pinedale Array 97.14 48 pP	P				19 30 38.0	+1.4
LPAZ	comp-Z,2.1nm,1.0s,mb4.5,baz=262,slow=2.4,SNR=11						
LPAZ	La Paz 126.39 118 PKP	PKP				19 36 09.6	+2.8
LPAZ	comp-Z,1.4nm,0.6s,baz=293,slow=0.6,SNR=7.4						
LPAZ	La Paz 126.39 118 ePKP	ePKP				19 36 07.6	+0.8
CPUP	Villa Florida 129.53 136 PKP	PKP				19 36 14.8	+2.2
CPUP	comp-Z,2.5nm,0.8s,baz=222,slow=2.2,SNR=5.3						
CPUP	Villa Florida 129.53 136 PKP	PKP				19 36 14.8	+2.2
SKO	Skopje 131.02 319 ePKP	ePKP				19 36 22.5	+7.5
GHRS	Geirss Array B 131.47 309 PKP	PKP				19 36 17.7	+2.0
GHRS	comp-Z,0.4nm,0.6s,baz=315,slow=1.9,SNR=4.4						
DAVOS	Davos 134.76 331 PKP	PKP				19 36 25.0	+3.1
EMOX	comp-Z,1.5nm,0.5s,baz=328,slow=2.1,SNR=2.8						
EMOX	Mosqueruela 144.50 333 PKP	PKP				19 36 40.0	+0.6
ETOR	Toroto 145.51 342 PKP	PKP				19 36 38.1	-1.9
ECAL	Catobar 145.51 342 PKP	PKP				19 36 40.4	-0.8
ELOB	Lobios 145.98 343 PKP	PKP				19 36 42.6	+0.6
ESDC	Sonsec Array 146.54 336 PKP	PKP				19 36 44.2	+1.2
EHUE	Huescar 147.53 333 PKP	PKP				19 36 46.2	+1.5
EQES	Quesada 147.76 333 PKP	PKP				19 36 46.7	+1.7
EBAN	Banos Encina 147.76 335 PKP	PKP				19 36 45.5	+1.4
ENIJ	Nijar 148.04 332 PKP	PKP				19 36 47.3	+1.8
EADA	Adamuz 148.08 336 PKP	PKP				19 36 46.6	+1.1
EBER	Berja 148.42 332 PKP	PKP				19 36 48.1	+1.9
ELUJO	Lujea 148.47 335 PKP	PKP				19 36 48.5	+2.3
EHOR	Hornachuelos 148.65 336 PKP	PKP				19 36 47.7	+1.3
ERON	Agron 148.73 334 PKP	PKP				19 36 48.4	+1.7
ELJO	Sierra Loja 148.77 334 PKP	PKP				19 36 48.3	+1.6
EMIN	Mina Concepcio 149.24 338 PKP	PKP				19 36 48.7	+1.3
ESPR	Espera 149.71 336 PKP	PKP				19 36 49.0	+0.8
EGRO	El Granado 149.74 339 PKP	PKP				19 36 49.2	+0.9
PDCR	Pedra do Caval 151.35 140ceP	P				19 36 58.7	-7.2
PDCR						19 37 07.5	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
ARA0	ARCESS Array S	2.69	47	Pn		19 21 00.8	+0.6
ARA0	baz=231,slow=14						
ARA0	Lg					19 21 36.8	
ARA0	ARCESS Array S	2.69	47	eSg	Sg	19 21 00.8	+0.6
ARA0	MOR8	2.70	236	eP	Pg	19 21 03.2	+2.8
MOR8	eP	Pg				19 21 07.4	-1.5
MOR8	eSg	Sg				19 21 41.3	-3.5
MOR8	AML					19 21 42.9	
KEV	Kevo 3.25	49	eP	Pn		19 21 09.6	+1.5
KEV	eS	Sg				19 21 48.0	-0.1
KEV	MSG					19 21 59.0	
MSF	comp-Z,3.2nm,0.3s						
MSF	Maaselka 4.05	113	eP	Pn		19 21 20.4	+0.8
MSF	eSg	Sg				19 22 08.5	+0.1
NMSO	Namsos 4.60	228	eS	Sg		19 22 45.4	-2.5
NMSO	AML					19 22 46.5	
APA0	comp-Z,5.5nm,0.5s						
APA0	Apaitiy Array 4.97	86	Sn	Sn		19 22 27.2	-4.6
APA0	baz=284,slow=28						
APA0	Lg					19 22 45.9	
APA0	Apaitiy Array 4.97	86	eSg	Sg		19 22 27.2	-4.6
APA0	eSg	Sg				19 22 45.9	-1.5
FIAO	FINESS Array S	6.88	155	Pn	Pn	19 22 01.5	+1.9
FIAO	baz=255,slow=22						
FIAO	Sn	Sn				19 23 19.1	-0.5
FIAO	baz=352,slow=22						
FIAO	Lg					19 23 53.7	
FIAO	FINESS Array S	6.88	155	eP	Pn	19 22 01.5	+1.9
FIAO	eSg	Sg				19 23 51.7	-0.5
FIAO	eSg	Sg				19 23 53.7	-1.0

MOS 30 19:21:13.9,0.7,18.10N:145.35E,h241km,mb4.7/4, Error ellipse: s-maj=31.1km s-min=13.1km az=93.2

NEIC 30 19:21:14.7,1.3,18.11N:145.50E,h235km,12km, mb4.6/10, Error ellipse: s-maj=20.2km s-min=8.1km az=87.0

IDC 30 19:21:14.2,3.2,18.08N:145.55E,h227km,30km,mb3.8/8, mb1.3,9.9,mb1mx3.7/15, Error ellipse: s-maj=27.0km s-min=11.7km az=86.0

ISC 30 19:21:14.3,1.2,18.06N:0.05:145.5E,0.2,h247km,10km, n32,-0.672/31,mb4.3/18,Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
GUMO	Guam 4.49	188	eP				

30d 20h

Table of station data for 30d 20h period, including station names like NOA, FINES, HFS, SVE, ARU, KURK, BRVK, BVAR, ZRNK, WHN, XAN, GTA, LZH, MKAR, WMQ, OBN, KKAR, KHC, GERES, KMI, DAVOX, LSA, KIV, SOC, KOLN, CM31, KMBO, QSPA, etc.

2004 JAN

Main table of station data for 2004 JAN, including station names like IDC, NEIC, Code, Station Name, Az, Az', Phase ID, Time Res, etc.

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Table of station data for 646 period, including station names like IDC, NEIC, Code, Station Name, Az, Az', Phase ID, Time Res, etc.



ISC 30 20:27:13.2:1.1, 11.1S:0.2:161.3E:0.2, h100km, n18, c059/18, mb4.1/13, 1D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Charters Tower, Warramunga Arr, etc.

MAN 30 20:55:38.7, 17.36N:120.01E, h17km, mb4.0, ML2.8, MS2.4, 2C, Luzon

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Akbulak array, BOD Bodabo, etc.

ISC 30 21:00:10.2:6.1, 7.50N:72.07W, h72km, 49km, mb3.2/2, mb1.6/3, mb1mx3.2/15, ML2.5/1, Error ellipse: s-maj=56.8km s-min=29.5km az=87.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Santa, Dolores, Baguio City Da, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, PDAR Pinedale Arr, etc.

ISC 30 21:31:23.5:19.0, 20.58S:178.01W, h476km, 160km, mb3.7/3, mb1.4/0.3, mb1mx3.5/8, Error ellipse: s-maj=252.0km s-min=44.2km az=135.0

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

ISC 30 20:46:57.5:0.5, 50.12N:104.868E:0.06, h10km, n37, c1921/51, mb3.6/3, 13C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like AKAR Aktash, UKR Ust-Kan, UKR Tashtagol, etc.

ISC 30 21:00:08.7:1.5, 7.6N:0.2:72.1W:0.2, h72km, n5, c0913/4, mb3.4/2, Northern Colombia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, ROSC, LPAZ La Paz, etc.

ISC 30 21:16:45.4:2.1, 5.22S:129.35E, mb4.4/1, mb1.4/7.3, mb1mx4.4/8, ML4.3/2, MS3.8/2, Ms1 3.8/2, ms1mx3.4/12, Error ellipse: s-maj=154.0km s-min=28.4km az=69.0

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

ISC 30 21:16:59.8:2.6, 5.53S:129.8E:0.2, h167km, 27km, n17, c0872/19, mb4.5/9, Banda Sea

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

ISC 30 21:27:22.5:0.8, 51.25N:177.82E, h42km, 6km, mb4.1/6, ML4.4(AE/C), Error ellipse: s-maj=12.6km s-min=6.4km az=184.0

ISC 30 21:27:24.9:3.5, 51.34N:177.77E, h63km, 30km, mb3.8/16, mb1.4/0.16, mb1mx3.9/20, ML3.9/1, MS3.9/2, Ms1 3.9/2, 12mx3.2/22, Error ellipse: s-maj=21.9km s-min=14.1km az=162.0

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

ISC 30 21:31:24.2:2.7, 20.7S:0.6:178.1W:0.4, h500km, n18, c0539/9, mb4.2/6, Fijil Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, etc.

ISC 30 21:52:05.0:2.0, 7.80S:174.07W, mb4.7/2, mb1.4/5.8, mb1mx4.5/12, ML4.3/1, Error ellipse: s-maj=35.5km s-min=13.2km az=117.0

NEIC 30 21:52:07.6:0.4, 20.82S:174.14W, h15km, mb4.9/4, Error ellipse: s-maj=17.4km s-min=11.0km az=134.0

ISC 30 21:52:08.4:0.7, 20.9S:0.1:174.2W:0.1, h33km, n27, c0571/5, mb4.4/1, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, PMG Port Moresby, etc.

ISC 30 22:02:39.5:2.6, 8.46S:112.41E, mb4.0/3, mb1.4/2.3, mb1mx4.0/8, Error ellipse: s-maj=144.0km s-min=25.6km az=48.0

DJA 30 22:02:55.0:1.1, 8.42S:112.71E, h169km, 33km, MD4.8/3, ML5.0/3, Error ellipse: s-maj=141.5km s-min=32.7km az=31.0

ISC 30 22:02:56.9:2.9, 8.25S:0.4:112.9E:0.3, h162km, 21km, n7, c064/10, mb3.8/3, 2C-AD, Jawa







Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Sheep Creek Mo, Porcupine Dome, Skwentna, Palmer West, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA, Warramunga Arr, WB2, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOE, Castelo Branco, PCBR, Castelo Branco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PVC, Port Vila, PZM, Mont Dumac, etc.

ISC 31 02:30:34.3, 34.87N-33.89E, h26km, MD3.0
NEIC 31 02:30:36.1, 34.81N-33.81E, h35km, ML2.8(NIC), After NIC.
NIC 31 02:30:36.1, 34.81N-33.81E, h35km, ML2.8, MW2.9
ISC 31 02:30:35.2, 1.3, 34.89N-0.09-33.86E, 0.07, h50km, 9km, n13, 0.034/16, 1D, Cyprus region

31d 7h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAJ Asahikawa, ASAJ Xian, GYA Guiyang, LZH Lanzhou, ULN Ulaanbaatar, etc.

IDC 31 05:42:07.3.1.9, 37.81Sx156.02E, mb3.9/2, mb1 4.2/3, mb1mx4.2/5, ML4.2/1, MS2.7/1, MS1 2.7/1, ms1mx2.6/9, Error ellipse: s-maj=214.0km s-min=29.4km az=30.0

NEIC 31 05:42:11.0, 37.33S:155.58E, mb4.3/1, ML4.3(AUST), After AUST: AUST 31 05:42:11.1, 37.33S:155.58E, ML4.3

ISC 31 05:42:10.5.1.3, 37.29S:108.55E, 0.1, h10km, n19, 0.1540/21, mb3.9/3, 3D, East of Australia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RIV Riverview, MILA Mila, MILA Mila, etc.

MAN 31 05:51:35.5, 18.71N:121.06E, h23km, mb4.4, ML3.2, MS3.0, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like APYP Conner, ABRA Dolores, ABRA Santa, etc.

NIED 31 06:06:00.44, 90.149, 80E, h32km, Mw3.5, Best double couple: M2.36x1014 NP1.3x14, 663, 1.109. NP2.3x156, 633, 1.57.

2004 JAN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KUR comp=E,110nm,0.4s, KUR comp=N,2.40nm,0.4s, etc.

CASC 31 06:14:17.4.2.3, 11.80N:84.80W, h8km, 7km, MD3.8, ML3.4

ISC 31 06:14:16.9.0.6, 11.86N:0.04x84.78W, 0.03, h8km, n25, 0.1502/46, 7C-3D, Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MADN Villa Maderas, MADN Concepcion, CONN La Cruz, etc.

TAP 31 06:21:51.4, 23.15N:120.42E, h19km, ML3.6, 11C, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CHN3 Shinhua, CHN1 Nanshi, CHN1 Hsinying, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ALS Alishan, ALS Tsauling, CHNS Sshu, etc.

DJA 31 07:13:03.8:0.9, 9.30S:116.41E, h87km, 12km, MD4.6/2, ML4.3/4, 3C-5D, Error ellipse: s-maj=35.1km s-min=15.9km az=172.0, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KEDI Kedondong, KEDI Rata, RATI Rata, etc.

IDC 31 07:13:07.9:5.4, 28.06N:52.48E, mb3.9/7, mb1 4.1/7, mb1mx3.8/16, Error ellipse: s-maj=112.0km s-min=35.7km az=1.0

ISC 31 07:13:09.2:5.1, 28.31N:0.7x52.5E, 0.2, h10km, n7, 0.0641/7, mb3.7/7, Soutera Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MLR Muntele Rosu, BVAR Arowe Array, MKAR Makanchi Array, etc.

NEIC 31 07:26:04.7:3.3, 24.05S:179.67E, h461km, 44km, mb4.1/4, Error ellipse: s-maj=29.1km s-min=18.5km az=181.0

IDC 31 07:26:09.0:3.2, 24.27S:179.73E, h507km, 33km, mb3.0/4, mb1 3.3/5, mb1mx3.3/5, Error ellipse: s-maj=31.3km

ISC 31 07:26:06.5:3.2, 24.2S:0.1x179.7E, 0.1, h490km, 43km, n9, 0.0641/10, mb3.7/6, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like URZ Urewera, URZ Rata Peaks, RAR Rarotonga, etc.

BJI 31 07:32:57.0, 13.50S:111.40W, h10km, Ms5.5, Msz5.3, IDC 31 07:32:58.8:1.7, 13.22S:111.33W, mb4.3/8, mb1 4.5/8, mb1mx4.5/11, MS5.0/12, MS1 5.0/12, ms1mx4.9/13, Error ellipse: s-maj=54.8km s-min=23.0km az=50.0

NEIC 31 07:32:59.0:1.7, 13.53S:111.40W, h10km, mb4.6/12, MS5.2/95, Error ellipse: s-maj=22.8km s-min=11.8km az=62.0

HRVD 31 07:32:59.1:0.2, 13.46S:111.24W, h12km, MW5.5/77, Centroid moment Tensor Solution. LP body waves: s69,c127,Mantle waves: s77,c155; Half duration: 1s4

Moment tensor: Scale 10^17Nm; M11=0.15x; M22=0.89x; M33=0.73x; M44=0.36x; M55=2.14x; M66=1.01x; M77=0.09x; Best double couple: M2.32x10^17 Np1: 0.910x; 881x; 178x; NP2: 0.100x; 888x; 170x; Principal axes: s: 2.39, P1g5; Azm146; N-14, P1g60; Azm270; P: 2.05, P1g8; Azm55; nst1 refers to body waves; cutoff=40s; nst2 refers to surface waves; cutoff=50s.

SYO 31 07:32:59.0, 13.53S:111.40W, h10km, MB4.6, MS5.2, ISC 31 07:32:57.6:0.6, 13.47S:0.09, 11.40W, 0.09, h10km, n152, 0.09/95/39, mb4.5/18, MS5.2/107, 2C, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PAYG Puerto Ayora, OTAV Otavalo, PPT Papeete, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ROSC El Rosal, LPAZ La Paz, LTX Lajitas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MSO Missoula, CBN Corbin, NEW Newport, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LBTB, INCN Inchon, HIA Hailar, etc.

31d 10h

Table with columns: HBZ, PUZ, URZ, UNZ, NOZ, KNZ, NGZ, OIZ, CNZ, TUVZ, BFZ, BFZ. Includes station names like Hicks Bay, Puketiti, Urewera, North Gisborne, Kokohu, Ngauruhoe, etc.

CASC 31 09:04:57.3-1.9,5.16N-84.60W, h8km, 80km, MD4.5, 2C, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Buena Vista, La Lucha 2, Jicaral, etc.

NIED 31 09:11:00, 41.90N, 144.50E, h8km, Mw3.6 Best double couple: Ms3.06x10^14 NP10s, 180, 89, 1.3. NP2: 90, 87, 1.79

NEIC 31 09:11:07.8-3.0, 41.91N, 144.42E, h26km, 23km, mb3.9/1, Error ellipse: s-maj=15.9km s-min=8.9km az=137.0

JMA 31 09:11:07.0, 41.94N, 144.50E, h24km, 1km, 4.0, IDC 31 09:11:11.2, 41.77N, 144.32E, h58km, 35km, mb3.3/6, mb1.3/6, mb1mx3.4/16, ML3.4/1, Error ellipse: s-maj=30.0km s-min=25.5km az=116.0

ISC 31 09:11:06.4-2.7, 41.84N, 0.06, 144.5E, 0.1, h33km, 20km, n21, 0.99N/23, mb3.6/7, Hokkaido region

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

IDC 31 09:26:25.4-2.5, 28N-124.58E, mb3.7/3, mb1.3/3, mb1mx3.7/12, Error ellipse: s-maj=274.0km s-min=25.3km az=64.0

NEIC 31 09:26:39.7-0.7, 5.57N, 125.25E, h145km, mb4.4/4, Error ellipse: s-maj=37.6km s-min=11.4km az=64.0

ISC 31 09:26:34.2-0.8, 5.6N, 0.1, 125.2E, 0.3, h111km, 7km, n10, 0.85N/11, mb4.0/7, 1C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like General Santos, Port Moresby, Warramunga Arr, etc.

NEIC 31 09:27:35.2-0.5, 51.50N, 179.69E, h71km, 9km, mb4.2/3, Error ellipse: s-maj=12.9km s-min=4.5km az=185.0

IDC 31 09:27:35.2-2.9, 51.60N, 179.61E, h69km, 23km, mb3.6/11, mb1.3/9, mb1mx3.8/17, Error ellipse: s-maj=30.0km s-min=16.8km az=176.0

ISC 31 09:27:34.4-0.8, 51.5N, 0.1, 179.70E, 0.05, h97km, 5km, n39, 0.97N/50, mb3.9/14, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kanaga Island, KIW, KIRH, etc.

2004 JAN

Main table with columns: FXI, FX1, IMA, ILAR, DAWY, YKA, YKA, YKA, MCMT, DUG, BW06, PDAR, ULM, P01, RW3, RDW, ARCES, MKAR, LTX, TXAR, SCHO, FINES, FINES, NOA, WRA. Includes station names like Attu Island-F, Indian Mountain, etc.

IDC 31 09:30:45.2-5.2, 45.71N, 148.44E, h94km, 46km, mb3.3/4, mb1.3/4, ms1mx3.2/16, MS3.4/1, Ms1.3/4/1, ms1mx2.7/15, Error ellipse: s-maj=42.2km s-min=32.6km az=68.0, Kuril Islands

ASAJ Ashikawa 4.44 251 P P 09 31 50.0 -1.7, NAKATSUE 18.44 239 LR LR 09 42 59.2

MAR 31 09:48:31.1-4.2, 62.37N, 4.72E, h2km, 10km, MD2.5, ML2.0, ML2.0(NAO)

NEIC 31 09:48:32.2, 62.40N, 4.59E, h15km, ML2.0(BER), After BER

NAO 31 09:48:32.1-6.8, 62.83N, 5.67E, h12km, 33km, ML2.7, IDC 31 09:48:30.8-1.2, 62.25N, 0.05, 5.0E, 0.1, h10km, n22, 0.152/47, 2C, 10, Southern Norway

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

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

ASK Askoy 1.78 177 eP Pn 09 49 02.3 +0.3, RUND Rundenannen 1.85 174 eP Pn 09 49 06.2 +1.7

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZHFS Zahedan, ZHFS Gani, KIV Kislovodsk, etc.

JMA 31 10:24:6, 29.38N, 129.88E, h58km, 1km, M3.2, NEIC 31 10:20:25.8, 1.3, 29.36N, 129.98E, h61km, 16km, Error ellipse: s-maj=25.7km s-min=13.5km az=122.0

IDC 31 10:10:26.9, 1.2, 29.45N, 129.49E, h70km, 15km, mb3.3/3, mb1.3/4, mb1mx3.2/17, Error ellipse: s-maj=59.1km s-min=35.6km az=109.0

ISC 31 10:10:24.0, 1.5, 29.36N, 0.04, 129.9E, 0.1, h60km, 6km, n11, 0.97N/25, mb3.6/3, Ryukyu Islands

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

MAN 31 10:20:05.6, 10.78N, 126.48E, h24km, mb4.2, ML3.0, MS2.8

ISC 31 10:20:06.5, 10.77N, 126.06E, 126.4E, 0.2, h24km, n7, 0.152/10, 1C, Philippine Islands region

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

MAN 31 10:22:39.8, 19.50N, 120.14E, h21km, mb4.4, ML3.0, MS3.1

NEIC 31 10:22:42.0, 0.4, 19.51N, 120.41E, mb4.2/4, Error ellipse: s-maj=23.0km s-min=8.9km az=63.0

IDC 31 10:22:42.0, 0.8, 19.54N, 120.38E, h33km, 5km, mb3.8/9, mb1.4/9, mb1mx4.0/14, MS3.0/1, Ms1.3/0/1, ms1mx2.2/22, Error ellipse: s-maj=40.2km s-min=16.5km az=66.0

ISC 31 10:24:07.0, 0.4, 19.52N, 0.05, 120.15E, 0.08, h35km, h35km, 1.6km, pP, n33, 0.91N/35, mb4.0/13, 1C-ID, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Basco, Dolores, Conner, Santa, Callao Caves, etc.



Table with columns: YKA, SIUC, PMSA, Station Name, Time, Res, etc.

MDD 31 10:27:56.2, 0.39, 76N, 10.28W, h74km, 38km, mb2.5/3, Error ellipse: s-maj=26.8km s-min=9.7km az=82.0, PRXIMO PROFUNDIDAD POBRE

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

BUI 31 10:33:25.9, 15.53N, 121.63E, h66km, mb4.1, IDC 31 10:33:27.0, 0.8, 16.79N, 121.64E, mb4.1/9, mb1 4.3/10, mb1mx4.1/15, ML4.8/1, MS2.7/1, Ms1 2.7/1, ms1mx2.5/17, Error ellipse: s-maj=39.4km s-min=13.0km az=87.0

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: NOA, NORSAR Array B, YKA, Station Name, Time, Res, etc.

TAP 31 10:34:27.4, 23.48N, 121.53E, h19km, ML3.4, JMA 31 10:34:28.2, 0.3, 23.38N, 121.57E, h61km, ISC 31 10:34:28.7, 0.3, 23.4N, 0.3, 121.7E, 0.2, h19km, n5, 0.0517/1, Taiwan

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

MDD 31 11:21:11.9, 0.6, 39.40N, 6.34W, mbLq1.7/7, Error ellipse: s-maj=5.1km s-min=3.9km az=36.0, ARTIFICIAL POSSIBLE, INMG 31 11:21:12.1, 0.9, 39.39N, 6.35W, h7km, 6km, ML1.5, Error ellipse: s-maj=3.2km s-min=1.8km az=66.0

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 31 11:30:25.0, 2.3, 60.55S, 45.43W, mb4.1/1, mb1 4.3/1, mb1mx3.9/8, MS3.5/2, Ms1 3.4/2, ms1mx3.3/6, Error ellipse: s-maj=181.0km s-min=47.0km az=43.0

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 31 11:34:45.3, 1.9, 7.54S, 121.94E, mb3.5/1, mb1 3.7/3, mb1mx3.7/9, ML3.6/2, Error ellipse: s-maj=159.0km s-min=21.8km az=52.0

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 31 11:39:57.0, 1.8, 18.6S, 0.2x177.5W, 0.3, h33km, n4, 0.0634/4, mb3.7/3, Fiji Islands region

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

ISK 31 12:09:18.8, 40.61N, 33.01E, h2km, MD3.5, ISC 31 12:09:20.2, 0.7, 40.53N, 0.03, 33.02E, 0.04, h11km, 5km, n21, 0.081/26, 2C, Turkey

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 31 12:57:52.0, 2.1, 4.23N, 127.81E, mb3.3/3, mb1 3.6/3, mb1mx3.5/9, Error ellipse: s-maj=149.0km s-min=25.4km az=67.0, Northern Molucca Sea

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

IDC 31 12:57:35.1, 1.1, 28.21N, 104.77E, mb3.7/4, mb1 3.9/4, mb1mx3.7/13, Error ellipse: s-maj=95.3km s-min=23.2km az=59.0

BUI 31 12:57:39.3, 28.22N, 104.67E, h14km, ML3.2, MS2.7, NEIC 31 12:57:40.1, 2.0, 28.07N, 104.46E, h44km, 20km, mb4.8/1, Error ellipse: s-maj=24.0km s-min=15.3km az=206.0

ISC 31 12:57:34.8, 0.6, 28.00N, 0.05, 104.44E, 0.06, h14km, n13, 0.135/20, mb3.9/5, Sichuan

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

MDD 31 13:09:00.8, 3.3, 36.05N, 10.48W, mb3.6/4, Error ellipse: s-maj=36.1km s-min=21.2km az=114.0, PRXIMO SOLUCIN POBRE, Azores-Cape St. Vincent Ridge

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

31d 13h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CUSU, JUVI, ULBA, QIL1, MARY, etc.

IDC 31 13:31:56.2, 1.1, 53.75N:163.05W, mb4.4/20, mb1 4.5/22, mb1mx4.5/26, ML3.8/3, MS4.3/15, Ms1 4.3/15, ms1mx4.1/24, Error ellipse: s-maj=26.7km s-min=13.2km az=180.0

BUI 31 13:31:57.1, 53.80N:163.78W, h4km, mb5.0, mb4.9, Ms4.6, Ms4.4

MOS 31 13:31:59.7, 1.3, 53.80N:163.05W, h33km, mb5.1/22, Error ellipse: s-maj=11.6km s-min=6.1km az=84.1

NEIC 31 13:32:01.5, 0.2, 53.72N:162.95W, mb4.9/37, ML4.4(AEIC), Error ellipse: s-maj=4.6km s-min=3.0km az=180.0

HRVD 31 13:32:01.5, 0.7, 53.54N:163.10W, h30km, MW5.0/46, Centroid moment Tensor Solution. LP body waves: s28,c34; Mantle waves: s46,c66; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.25; Ms:3.4; Mw:2.62; 23;

Mw=0.64; 23; Mw=1.67; 29; Mw=1.61; 14; Mr=0.27; 33; Best double couple: M3.73; 1016; NPl:0.225; 836; lambda:63.9; NPl2:0.77; 858; 108; Principal axes: T 3.8; Plg171; Azm29; N -0.3; Plg15; Azm247; P -3.78; Plg11; Azm154; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 31 13:32:00.5, 0.6, 53.66N:162.98W, h40km, h4km, h33km, 7km; p-P, n228, s1506/231, mb4.9/85, MS4.3/31, 16C-7D, South of Alaska

Main table for station 31, listing station names, coordinates, and seismic data. Includes stations like FALS, WESE, SSLW, etc.

2004 JAN

Main table for station 2004 JAN, listing station names, coordinates, and seismic data. Includes stations like YAK, DUG, ASAJ, etc.

656

Main table for station 656, listing station names, coordinates, and seismic data. Includes stations like KEV, ARCES, BTO, etc.

Table with columns: KMI, comp, LR, LR, P, P, 13 43 28.4 +1.6, etc. Includes stations like AML, KKAR, VRSR, LSA, LSA, LSA, etc.

Table with columns: TI2, Plekhanov, 82.03 339, P, P, 13 44 18.0 +0.6, etc. Includes stations like SEI, AYAN, SONA, SONA, SNTG, GNI, etc.

Table with columns: ZRNC, Zerenda, 63.12 319, P, P, 14 21 15.5 +0.9, etc. Includes stations like YKA, YKA, YKA, etc.

NEIC 31 13:52:38.2, 38.42S, 176.09E, h170km, After WEL. WEL 31 13:52:39.0, 5.3849S, 176.08E, h156km, 4km, ML3.9/9, 4C, Error ellipse: s-maj=2.4km s-min=2.1km az=0.0.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PATZ, PAEROA, UTU, WATZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URZ, Urewera, VRZ, VERA ROAD, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PWZ, Pawanui, NEZ, North Egmont, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GUMO, Guam, MAJO, Matsushiro, etc.

BUI 31 14:23:54.7, 0.404N, 103.75E, h22km, ML3.5, Ms3.0, Ms2.8, Western Nei Mongol

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Gta, Gaotai, Gta, Gta, etc.

BUI 31 14:26:11.4, 51.89N, 158.24E, h68km, mb5.0, mb5.0, Ms4.5, Ms2.4

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

ISC 31 14:26:12.3, 0.5156N, 0.03158E, 0.04, h62km, 4km, h56km, 1.6km, n257, 0.093/270, mb4.9/102, 7C-16D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RUS, Russkaya, PET, Petropavlovsk, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR, Severo-Kuril's, SKR, SKR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MA2, Magadan, MA2, MA2, etc.



SSF	Saint Saulge	79.36 343 eP	P	14 38 12.5 +0.1
MCNG	Macugnaga	79.50 339 eP	P	14 38 14.1 +0.9
SKO	Kojupje	79.52 329 eP	P	14 38 05.0 -8.4
QUIF	Quiévin	79.61 347 eP	P	14 38 14.0 +0.3
AVF	Avril sur Loir	79.63 343 eP	P	14 38 14.3 +0.3
SMF	Signal de Mont	79.70 342 eP	P	14 38 14.4 +0.2
VAY	Valandovo	79.73 328 eP	P	14 37 58.0 -17
MBWA	Marble Bar	79.84 216 P	P	14 38 15.3 -0.2
BGF	Bois d'Angland	79.97 343 eP	P	14 38 16.0 +0.3
LPL	La Plagne	80.19 340 eP	P	14 38 18.1 +1.2
LPG	La Plagne	80.21 340 eP	P	14 38 18.3 +1.3
BOB	Bobbio (Coli)	80.30 338 eP	P	14 38 18.4 +0.9
TCF	Toulx Ste Croi	80.34 343 eP	P	14 38 18.2 +0.5
PLDF	Saint Agoulin	80.39 342 eP	P	14 38 18.4 +0.5
AGO	Saint Agoulin	80.40 343 eP	P	14 38 18.7 +0.7
MFF	Saint Martin d	80.44 345 eP	P	14 38 18.9 +0.7
FSSB	Fossombrone	80.48 335 eP	P	14 38 19.0 +0.5
SFI	Santa Sofia	80.52 336 eP	P	14 38 19.7 +1.0
VMG	Vicchio	80.55 336 eP	P	14 38 20.4 +1.6
ARV	Arcevia	80.62 335 eP	P	14 38 19.6 +0.3
PYM	Petit Puy Mans	80.72 343 eP	P	14 38 19.1 -0.6
SNFG	Esanatoglia	80.84 335 eP	P	14 38 20.9 +0.5
MBDF	Montbard	80.94 340 eP	P	14 38 21.4 +0.5
ORIF	Oris-en-Rattie	80.94 340 eP	P	14 38 21.9 +1.0
ASS	Assisi	81.10 335 eP	P	14 38 22.8 +1.0
LBL	Lubilhac	81.17 342 eP	P	14 38 20.9 -1.2
NRC	Norcia	81.19 335 eP	P	14 38 23.0 +0.7
VIVF	Saint-Julien-l	81.25 341 eP	P	14 38 23.3 +0.8
OZF	Calviac	81.69 343 eP	P	14 38 26.0 +1.2
CAF	La Frestale	81.91 344 eP	P	14 38 27.0 +1.1
SDI	San Donato	82.05 334 eP	P	14 38 26.8 +0.1
FRF	La Foret Royal	82.08 339 eP	P	14 38 28.6 +1.8
LMR	La Mourte	82.22 339 eP	P	14 38 29.2 +1.1
MTLF	Montlieu	83.19 343 eP	P	14 38 33.6 +1.1
HLS	Ha'il	83.61 307 P	P	14 38 35.5 +0.6
EPF	Esparrros	83.83 344 eP	P	14 38 37.4 +1.8
ETSF	Etsaut	84.11 344 eP	P	14 38 38.5 +1.4
JMQS	Jabal Moqyreh	85.21 312 P	P	14 38 43.5 +0.6
AFFS	'Affif	85.83 304 P	P	14 38 45.7 -0.3
ESDC	Sonseca Array	87.80 346 P	P	14 38 55.1 -0.1
TATS	Tathliih	89.17 301 P	P	14 39 01.9 -0.3
BLJS	Balijurashi	89.89 303 P	P	14 39 05.9 +0.3
NAMS	An Nimas	90.15 302 P	P	14 39 07.3 +0.5
DJNS	Zahran al Janu	90.64 300 P	P	14 39 09.8 +0.6
GSFA	South Pole Qui	141.31 180 ePKP	PKP	14 45 31.5 -2.7
SNAA	Sanae	158.05 196 i/j	PKPab	14 46 34.6 +1.8
VNA3	Neumayer Olymp	159.49 191 i/j	PKPab	14 46 41.1 -1.3
VNA1	Neumayer-Stat	159.85 193 i/j	PKPab	14 46 38.6 -5.3

*BJI 31 14:49:05.5, 0.30, 0.04N; 142.53E, h19km, mb5.0, mb4.6, MS5.4, MS25.2*  
*IDC 31 14:49:05.0, 0.8, 30.20N; 142.33E, mb3.9/8, mb1.4, 1/11, mb1mx4, 1/17, M2.3, 4/3, MS4.7, M4.1, 4.74, ms1mx4, 6/19, Error ellipse: s-maj=33.1km s-min=18.5km az=99.0*  
*NEIC 31 14:49:06.5, 0.6, 30.05N; 142.43E, h10km, mb4.7/13, MS5.4/86, Error ellipse: s-maj=16.3km s-min=11.9km az=64.0*  
*HRVD 31 14:49:06.5, 0.1, 30.18N; 142.57E, h12km, MW5.5/77, Centroid moment Tensor Solution. LP body waves: s63,c114; Mantle waves: s77,c161; Half duration: 1s3 Moment tensor: Scale 10<sup>17</sup>Nm; Mr:1.48E-02; Mw:0.16E-02; Mw-1.32E-02; Mw-0.74E-06; Mw:0.37E-02; Mr:1.08E-06; Best double couple: M:1.96E-10<sup>17</sup> Nf1: 6s/74°; 325°; 110°; NP:2.33E-06; 161°; Principal axes: 1.2, 0.1, 110°; Az:223°; N-1, 110°; Az:336°; P-1.9, 110°; Az:69°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.*  
*MOS 31 14:49:08.1, 1.4, 30.05N; 142.43E, h33km, mb4.9/11, MS5.3/10 Error ellipse: s-maj=20.3km s-min=8.8km az=116.6*  
**ISC 31 14:49:08.7, 0.4, 30.13N; 142.39E; 0.06, h33km, (h23km, 5.4km; p-P), n175, s1939/112, mb4.5/32, MS5.4/103, 1C-1D, Southeast of Honshu**

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	ISC
CBJI	Chichi jima	3.03	183	Ph	14 49 56.0 +0.5	
CBJI		7.0nm, 0.3s, baz=278, slow=20, SNR=3.2		Sn	14 50 32.8 +1.7	
JHJ	Hachijo jima 2	3.72	324	Ph	14 50 13.0 +7.6	
JHJ		6.1nm, 0.3s, baz=246, slow=21, SNR=2.0		Sn	14 50 46.2 -2.4	
MAJO	Matsushiro	7.29	332	eP	14 50 54.1 -1.5	
MAJO	Matsushiro	7.29	332	eP	14 50 54.1 -1.5	
MAT	Matsushiro	7.29	332	P	14 50 54.2 -1.4	
MAT				S	14 52 10.2 -7.9	
MAT	Matsushiro	7.29	332	eP	14 50 54.0 -1.6	
MAT				eS	14 52 10.0 -8.1	
MAT				eS	14 50 54.0 -1.6	
MAT				pmax	14 52 10.0 -8.1	
JOW	Kunigami	12.84	259	LR	14 56 43.7	
ASAJ	Asahikawa	13.97	1	Pn	14 52 22.1 -4.2	
ASAJ		comp=Z, 0.2nm, 0.3s, baz=268, slow=28, SNR=2.1		Sn	14 54 42.6 -19	
ASAJ		comp=Z, 0.3nm, 0.3s, baz=79, slow=24, SNR=2.3		LR	14 58 32.7	
KS15	Wonju Array Si	14.09	305	eP	14 52 29.5 +1.5	
INCN	Inchon	15.00	303	eP	14 52 43.5 +3.5	
YSS	Yuzh-Sakhalins	16.80	1	eP	14 53 11.3 +8.4	
YSS	Yuzh-Sakhalins	16.80	1	eP	14 53 10.4 +7.5	
YSS				eS	14 56 08.0 +0.5	
YSS				MLR	MLR	
YSS				MLR	MLR	
YSS				MLR	MLR	
YSS				MLR	MLR	
YSS				MLR	MLR	
YSS				MLR	MLR	
YSS				MLR	MLR	
MDJ	Mudanjiang	17.65	329	P	14 53 13.0 -0.5	
MDJ		comp=Z, 29nm, 0.9s		AMB	AMB	
MDJ		comp=Z, 175nm, 5.1s		AMB	AMB	
MDJ		comp=N, 6um, 14.8s		LR	LR	
MDJ		comp=E, 9um, 16.3s		LR	LR	
MDJ		comp=Z, 12um, 14.8s		LR	LR	
MDJ	Mudanjiang	17.65	329	eP	14 53 12.9 -0.6	
SSE	Sheshan	18.28	278	P	14 53 22.8 +1.3	
SSE				S	14 56 50.0 +8.9	
SSE				AMB	AMB	
SSE		comp=Z, 630nm, 11.0s		LR	LR	
SSE		comp=N, 3um, 15.5s		LR	LR	
SSE		comp=E, 5um, 15.5s		LR	LR	

SSE	comp=Z, 8um, 19.0s	LR	LR		
SNY	Shenyang	19.14 313	↑P	P	14 53 32.8 +1.0
SNY			XP	P	14 53 43.0
SNY	comp=Z, 10.0nm, 1.7s	AMB	AMB		
SNY	comp=N, 4um, 12.8s	LR	LR		
SNY	comp=E, 3um, 15.2s	LR	LR		
SNY	comp=Z, 5um, 14.3s	LR	LR		
CN2	Changchun	19.17 320	eP	P	14 53 30.0 -2.1
CN2	comp=Z, 20nm, 0.9s	AMB	AMB		
CN2	comp=Z, 200nm, 4.0s	AMB	AMB		
CN2	comp=N, 10um, 16.0s	LR	LR		
CN2	comp=E, 8um, 16.0s	LR	LR		
CN2	comp=Z, 11um, 18.0s	LR	LR		
DL2	Dalian	19.19 303	PR	P	14 53 34.8
DL2			S	S	14 57 05.8 +4.2
DL2			S	S	14 54 19.0
DL2	comp=N, 4um, 17.1s	LR	LR		
DL2	comp=E, 3um, 20.7s	LR	LR		
DL2	comp=Z, 5um, 14.1s	LR	LR		
KLR	Kuldur	20.72 340	eP	P	14 53 55.0 +6.3
KLR			eS	S	14 54 19.0
KLR			eS	S	14 57 37.5 +4.1
KLR			eS	S	14 58 18.5 +1.3
KLR	comp=E, 9um, 16.0s	MLR	MLR		
KLR	comp=Z, 4um, 15.0s, MS4.9	MLR	MLR		
QZH	Quanzhou	21.71 262	↑P	P	14 53 56.0 -2.8
QZH			PP	PP	14 54 22.0 -2.0
QZH			S	S	14 58 01.0 +8.9
QZH	comp=Z, 260nm, 4.2s	LR	LR		
QZH	comp=N, 3um, 10.9s, MS5.3	LR	LR		
QZH	comp=E, 7um, 15.3s, MS5.3	LR	LR		
QZH	comp=Z, 14um, 21.6s	LR	LR		
TIA	Tai'an	21.97 293	eP	P	14 54 01.0 -0.4
TIA			S	S	14 57 59.8 +2.9
TIA	comp=N, 3um, 14.4s, MS4.9	LR	LR		
TIA	comp=E, 2um, 13.7s, MS4.9	LR	LR		
BJT	Baijiatou	23.55 302	eP	P	14 54 18.0 +1.1
BJT			eS	S	14 54 18.0 +1.1
BJT	comp=Z, 13nm, 0.9s, mb4.3	LR	LR		
BJT	comp=Z, 17um, 19.0s, MS5.5	MLR	MLR		
BJT	comp=Z, 17um, 19.0s, MS5.5	MLR	MLR		
BJI	Beijing	23.55 302	eP	P	14 54 16.8 0.0
BJI			S	S	14 58 27.8 +2.6
BJI			AMB	AMB	
BJI	comp=Z, 37nm, 2.1s, mb4.5	LR	LR		
BJI	comp=N, 6um, 16.0s, MS5.5	LR	LR		
BJI	comp=E, 14um, 17.5s, MS5.5	LR	LR		
BJI	comp=Z, 8um, 19.0s, MS5.3	LR	LR		
BJI	comp=Z, 8um, 19.0s, MS5.3	LR	LR		
BJI	comp=Z, 42nm, 1.2s, mb4.8	MLR	MLR		
BJI	comp=Z, 42nm, 1.2s, mb4.8	MLR	MLR		
BJI	comp=Z, 8um, 19.0s, MS5.3	MLR	MLR		
BJI	comp=Z, 8um, 19.0s, MS5.3	MLR	MLR		
WHN	Wuhan	24.18 278	P	P	14 54 24.3 +1.2
WHN			S	S	14 58 34.0 -2.3
WHN	comp=E, 13um, 15.5s	LR	LR		
WHN	comp=Z, 15um, 15.5s, MS5.6	LR	LR		
HIA	Hailar	25.70 324	eP	P	14 54 38.9 +1.5
HIA			MLR	MLR	
HIA	comp=Z, 42nm, 1.2s, mb4.8	MLR	MLR		
HIA	comp=Z, 8um, 19.0s, MS5.3	MLR	MLR		
HIA	comp=Z, 8um, 19.0s, MS5.3	MLR	MLR		
HIA	comp=Z, 42nm, 1.2s, mb4.8	MLR	MLR		
HIA	comp=Z, 8um, 19.0s, MS5.3	MLR	MLR		
PET	Petropavlovsk	25.79 23	PFAKE	LR	14 54 50.0 +1.2
PET	Petropavlovsk	25.79 23	eP	P	14 54 39.8 +1.6
PET	comp=Z, 263nm, 11.5s	pmax	pmax		
PET	comp=N, 4um, 19.0s	MLR	MLR		
PET	comp=N, 3um, 19.0s	MLR	MLR		
PET	comp=Z, 7um, 19.0s, MS5.2	MLR	MLR		
PET	comp=Z, 6um, 15.0s	MLR	MLR		
GZH	Guangzhou	26.85 262	P	P	14 54 46.5 -1.8
GZH			S	S	14 59 29.8 +9.1
GZH	comp=N, 2um, 24.0s, MS5.0	LR	LR		
GZH	comp=E, 4um, 19.7s, MS5.0	LR	LR		
GZH	comp=Z, 7um, 21.0s, MS5.2	LR	LR		
HU	Hu-ho-hao-te	27.16 302	eP	P	14 54 51.5 +0.6
HU			AP	pP	14 54 55.8 -4.6
HU			XP	pP	14 54 58.8 -6.0
HU			PP	PP	14 55 38.8 +1.1
HU			PCP	S	14 58 11.0 -0.3
HU			XS	S	14 59 29.5 +4.1
HU			SS	SS	15 00 45.5 +4.1
HU			SCP	S	15 01 48.5
HU			ScS	S	15 01 52.0
HU			AMB	AMB	15 05 39.3 +1.7
HHC	comp=Z, 7.0nm, 1.8s, mb3.9	AMB	AMB		
HHC	comp=Z, 176nm, 6.4s	LR	LR		
HHC	comp=N, 3um, 17.8s, MS5.2	LR	LR		
HHC	comp=E, 5um, 17.8s, MS5.2	LR	LR		
HHC	comp=Z, 7um, 17.4s, MS5.3	LR	LR		
BTO	Baotou	28.25 301	eP	P	14 54 59.5 -1.3
BTO			AMB	AMB	
ENH	Enshi	28.38 279	PFAKE	LR	14 55 10.0 +7.8
ENH			LR	LR	
XAN	Xi'an	28.55 287	P	P	14 55 01.8 -1.8
XAN			AP	pP	14 55 10.3 -2.8
XAN			XP	pP	14 59 44.3 -3.6
XAN			AMB	AMB	
XAN	comp=Z, 6.0nm, 1.5s, mb4.1	LR	LR		
XAN	comp=E, 4um, 21.1s	LR	LR		
XAN	comp=Z, 6um, 19.3s, MS5.2	LR	LR		
CLNS	Chul'man	29.39 340	eP	P	14 55 19.4 +8.6
CLNS			pmax	pmax	
CLNS	comp=Z, 5.0nm, 0.9s, mb4.2	pmax	pmax		
CLNS	comp=N, 4.0nm, 1.1s	pmax	pmax		
CLNS	comp=E, 3.0nm, 1.0s	pmax	pmax		
CLNS	comp=N, 5.0nm, 0.9s	pmax	pmax		
CLNS	comp=Z, 3.0nm, 0.9s, mb4.0	pmax	pmax		
CLNS	comp=E, 6.0nm, 1.0s	pmax	pmax		
MA2	Magadan	29.99 9	PFAKE	LR	14 55 30.0 +1.4
MA2			LR	LR	
QIZ	Qiongzhou	31.49 257	P	P	14 55 27.5 -2.3
QIZ			S	S	15 00 35.5 +1.0

QIZ	comp=N, 800nm, 15.1s, MS4.8	LR	LR		
QIZ	comp=E, 2um, 18.8s, MS4.8	LR	LR		
QIZ	comp=Z, 3um, 19.1s, MS5.0	LR	LR		
FX1	Attu Island-F	31.97 36	LR	LR	15 06 55.7
Ulanbaatar	Ulanbaatar	32.32 313	eP	P	14 55 36.8 0.0

31d 15h

Table of station data for 31d 15h, including columns for station name, frequency, power, and other technical details.

2004 JAN

Table of station data for 2004 JAN, including columns for station name, frequency, power, and other technical details.

660

Table of station data for 660, including columns for station name, frequency, power, and other technical details.

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	ISC	Time	Res
CN2	Changchun	19.14	320	eP	P	15 04 57.5	-0.8
WHN	Wuhan	24.13	278	eP	P	15 05 46.8	-2.5
HIA	Haihar	25.67	324	eP	P	15 05 06.5	+1.8
XAN	Xi'an	28.50	287	P	pP	15 06 28.0	-1.8
XAN	Xian	28.50	287	AP	pP	15 06 36.0	+2.0
ULN	Ulanbaatar	32.28	313	eP	P	15 07 05.4	+2.2
GTA	Gaotai	35.85	297	eP	pP	15 07 34.3	+0.2
GTA	Gaotai	35.85	297	AP	pP	15 07 38.8	-1.3
NANT	Nan	39.33	263	P	P	15 08 04.5	+1.0
CHG	Chiang Mai	40.84	264	P	P	15 08 16.8	+0.9
KAKA	Kakadu	43.63	194	eP	P	15 08 58.6	+2.0
WMO	Urumqi	44.96	303	eP	P	15 08 52.0	+2.8
WMQ	Urumqi	44.96	303	eP	AMB	15 08 52.0	+2.8
MKAR	Makanchi Array	48.69	308	P	P	15 09 18.6	+0.1
JIRN	Jiri	47.9	282	eP	P	15 09 18.6	-0.9
GUN	Gumba	48.98	282	eP	P	15 09 19.7	-1.3
KKK	Kakani	49.52	282	eP	P	15 09 24.2	-0.9
DMN	Daman	50.75	282	eP	P	15 09 26.9	+2.0
WRAB	Tennant Creek	50.35	190	P	P	15 09 29.6	-2.0
WB2	Warramunga Arr	50.36	190	eP	P	15 09 31.7	0.0
FITZ	Fitzroy Crossi	50.57	201	eP	P	15 09 33.4	+0.2
KOLN	Koldanda	50.95	263	eP	P	15 09 36.4	+0.4
KURK	Kurchatov	50.99	313	P	P	15 09 39.0	+3.0
ASAR	Alice Springs	54.09	190	P	P	15 09 57.9	-1.6
ILAR	Eielson Array	55.02	30	P	P	15 10 03.0	-2.8
BVAR	Borovyoye Array	55.93	310	P	P	15 10 13.4	+0.9
YKA	Yellowknife Arr	69.44	29	P	P	15 11 41.4	-0.7
FINES	FINES Array B	75.30	334	P	P	15 12 17.1	+0.3
PAHR	Pah Range	77.21	52	eP	P	15 12 27.6	-0.4
NOA	NORSAR Array B	80.85	338	P	P	15 12 48.1	+0.9
HWUT	Hardware Ranch	81.37	47	eP	P	15 12 48.6	-1.8
PDAR	Pinedale Array	81.99	45	P	P	15 12 54.1	+0.5
PV10	Paradox Valley	84.78	48	eP	P	15 13 09.9	+2.0
RW3	Ridgway	85.72	48	eP	P	15 13 10.4	+1.4
TXAR	Lajitas Array	93.70	53	P	P	15 13 16.6	+1.2
LPAZ	La Paz	148.92	71	PKPbc	PKPdf	15 20 23.8	+3.0

IDC 31 15:36:04.2, 2.8, 17.045x167.86E, mb4.2/3, mb1 4.4/3, mb1mx4.2/8, Error ellipse: s-maj=143.0km s-min=37.5km az=143.0  
 BUJ 31 15:36:09.0, 6.703x167.80E, h37km, mb4.6/8, NEIC 31 15:36:09.0, 6.72, 16.725x167.77E, h38km, mb4.6/8, Error ellipse: s-maj=23.0km s-min=14.9km az=65.0  
 ISC 31 15:36:11.4, 1.8, 16.895x167.45E, 0.10, h48km, 17km, n28, r=1927/22, mb4.5/15, MS5.0/1, 2C-1D, Vanuatu Islands

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	ISC	Time	Res
PVC	Port Vila	1.18	136	IP	P	15 36 30.7	-1.0
PVC	Port Vila	1.18	136	IP	S	15 36 48.0	+1.1
DZM	Mont Dzumac	5.24	190	eP	P	15 37 29.3	+0.1
DZM	Mont Dzumac	5.24	190	eP	S	15 38 27.9	+1.2
PMG	Port Moresby	10.21	288	eP	P	15 40 55.6	+1.4
STKA	Stevens Creek	27.78	233	eP	P	15 41 59.5	+1.5
WRAB	Tennant Creek	50.35	190	P	P	15 42 24.9	-6.5
ASAR	Alice Springs	54.09	190	P	P	15 42 37.0	+0.4
ARRL	Arctic Ridge	81.37	47	eP	pP	15 45 23.9	-1.1
MBWA	Marble Bar	45.18	257	eP	P	15 44 22.8	-2.9
VNDA	Vanda	60.72	181	P	P	15 46 19.5	-0.5
MDJ	Mudanjiang	70.26	332	P	P	15 47 22.8	+1.2
CN2	Changchun	19.14	320	eP	P	15 47 31.0	+1.5
ENH	Enshi	72.87	310	eP	P	15 47 36.3	-1.2
QSPA	South Pole Qui	72.15	180	IP	P	15 47 40.4	+2.2
QSPA	South Pole Qui	72.15	180	IP	LR	15 47 40.4	+2.2
ULN	Ulanbaatar	32.28	313	eP	P	15 48 36.9	-0.9
GTA	Gaotai	35.85	297	eP	P	15 48 39.0	-0.6
ILAR	Eielson Array	55.02	30	P	P	15 48 59.2	-0.4
SNA	Sanae	91.41	183	P	P	15 49 15.6	+2.5
SNA	Sanae	91.41	183	eP	P	15 49 17.1	-1.4
VNA3	Neumayer Olymp	92.07	181	IP	P	15 49 16.4	+0.3
INK	Inuvik	94.87	19	eP	P	15 49 26.0	-2.9
MKAR	Makanchi Array	98.88	316	P	P	15 49 47.1	-0.5
ARCES	ARCES Array B	122.38	345	PKP	PKPdf	15 55 00.3	-0.7
KHC	Kasperske Hory	141.47	332	L	P	15 52 50.0	
DAVOS	Davos	144.88	333	PKPbc	PKPbc	15 55 43.6	+0.3
HINF	Hinterfeld	145.28	337	ePKP1	PKPbc	15 55 43.8	-0.5
HAU	Haudompre	145.31	338	ePKP1	PKPbc	15 55 44.2	-0.2
LOR	Lormes	146.81	339	ePKP1	PKPbc	15 55 48.9	+0.9
SSF	Saint Saulge	147.11	340	ePKP1	PKPdf	15 55 49.8	+2.8
LPG	La Plagne	147.22	335	ePKP1	PKPdf	15 55 49.9	+2.7

MAN 31 15:43:02.2, 10.98N:124.72E, h1km, mb4.4, ML3.2, MS3.0  
 ISC 31 15:43:02.8, 1.1, 10.98N:124.78E, 0.06, h8km, 9km, n9, r=0581/13, 1C, Leyte

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	ISC	Time	Res
OCLP	Ormoc	0.18	293	eP	P	15 43 06.7	+0.1
PLP	Palo	0.27	48	IP	P	15 43 08.8	+0.4
MSLP	Maasin	0.85	174	eP	P	15 43 19.0	-0.4
MSP	Borongan	0.89	47	eP	Sb	15 43 31.2	+0.5
BESP	BESP	0.89	47	eP	Sb	15 43 19.5	-0.7
LLP	Lapu-Lapu	1.03	230	eP	P	15 43 21.3	-1.3
CNP	Cataram	1.52	356	eP	P	15 43 31.5	+1.0
TBP	Tagbilaran	1.57	215	eP	P	15 43 30.8	-0.3
GUIM	Jordan	1.28	261	eP	P	15 43 39.7	-0.2
PVCC	Virac	2.67	347	eP	P	15 43 50.6	+3.7

NEIC 31 15:51:11.2, 2.5, 10.73N:93.37E, h128km, 24km, mb4.6/5, Error ellipse: s-maj=23.2km s-min=14.7km az=224.0  
 IDC 31 15:51:11.8, 13.0, 11.19N:93.54E, h101km, 116km, mb3.4/5, mb1 3.6/5, mb1mx3.4/11, Error ellipse: s-maj=140.0km s-min=21.6km az=59.0

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	ISC	Time	Res
ISC 31	15:51:05.3, 1.4, 10.77N:0.1, 93.5E, 0.1, h85km, 12km, n23, r=095/26, mb4.1/8, Andaman Islands region						
PBA	Port Blair	1.20	323	eP	P	15 51 27.0	-0.3
PBA	Port Blair	1.20	323	eP	S	15 51 39.0	-4.8
CM31	Chiang Mai Arr	9.35	34	eP	P	15 53 24.1	+5.0
VIS	Vishakhapatnam	12.06	307	eP	P	15 53 54.6	-0.9
VIS	Vishakhapatnam	12.06	307	eP	S	15 53 52.6	-1.6
HYB	Hyderabad	15.94	296	eP	P	15 54 47.0	+1.2
HYB	Hyderabad	15.94	296	eP	S	15 54 47.0	+1.2
JIRN	Jiri	18.21	339	eP	P	15 55 14.6	+0.7
PUN	Pulchoki	18.42	337	eP	P	15 55 16.4	+0.1
GKI	Gumkani	18.55	338	eP	P	15 55 18.9	+1.1
DMN	Daman	18.57	336	eP	P	15 55 18.9	+0.9
KKK	Kakani	18.67	337	eP	P	15 55 20.1	+1.0
LSA	Lhasa	19.03	354	eP	P	15 55 22.2	-0.9
GKN	Gorkha	19.11	335	eP	P	15 55 24.6	+0.5
KOLN	Koldanda	19.36	333	eP	P	15 55 26.5	-0.2
MKAR	Makanchi Array	37.21	347	P	P	15 58 09.0	-1.0
KURK	Kurchatov	41.73	346	P	P	15 58 46.8	-0.5
BVAR	Borovyoye Array	46.12	341	P	P	15 59 22.2	-0.5
ZRKN	Zerenda	46.52	340	eP	P	15 59 23.6	-2.3
NWAO	Narrogin (SRO)	48.94	153	eP	P	15 59 45.8	+0.8
WRAB	Tennant Creek	50.45	127	eP	P	15 59 56.7	0.0
ASAR	Alice Springs	54.25	131	P	P	16 00 15.1	+4.9
ASAR	Alice Springs	54.25	131	P	PcP	16 00 23.4	+2.9
PMG	Port Moresby	57.01	109	eP	P	16 00 43.3	-1.7
ARCES	ARCES Array B	72.41	340	P	P	16 02 24.4	+0.7
ILAR	Eielson Array	92.39	22	P	P	16 04 08.5	+1.3

STR 31 16:16:43.2, 1.7, 44.47N:7.20E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0  
 NEIC 31 16:16:44.5, 4.4, 37N:7.10E, h1km, ML2.2(GEN), ML2.0(STR), ML1.8(LDG), After GEN.  
 LDG 31 16:16:44.9, 0.1, 44.39N:7.15E, h2km, Md1.8/1, M1.1, 8/6, Error ellipse: s-maj=2.2km s-min=1.1km az=69.0  
 ISC 31 16:16:44.1, 0.3, 44.37N:0.02, 7.09E, 0.03, h10km, 4km, n27, r=0547/43, Northern Italy

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	ISC	Time	Res
PZZ	Prazzo	0.13	4	P	P	16 16 47.5	+0.3
PZZ	Prazzo	0.13	4	P	Sg	16 16 49.5	+0.2
STV	Sta Anna Valdi	0.21	127	P	Sg	16 16 48.8	+0.1
STV	Sta Anna Valdi	0.21	127	P	Sg	16 16 51.8	0.0
STV2	Anna di Valdie	0.21	127	P	Sg	16 16 48.9	+0.2
STV2	Anna di Valdie	0.21	127	P	Sg	16 16 51.0	0.0
ENR	Entraqueo	0.28	122	P	Sg	16 16 50.1	+0.1
ENR	Entraqueo	0.28	122	P	Sg	16 16 53.9	+0.1
MDF	Montbardon	0.42	327	eP	Sg	16 16 52.6	0.0
MDF	Montbardon	0.42	327	eP	Sg	16 16 59.2	+0.9
AUTN	L'Aution	0.45	147	P	Sg	16 16 51.5	-1.7
AUTN	L'Aution	0.45	147	P	Sg	16 16 59.8	+0.4
MVF	Mont Vial	0.48	174	P	Sg	16 16 54.3	+0.5
BHB	Bricherasio	0.48	15	P	Pg	16 16 53.9	0.0
BHB	Bricherasio	0.48	15	P	Pg	16 16 50.4	-0.1
SAOF	Saorge	0.51	139	Pg	Pg	16 16 54.5	0.0
SAOF	Saorge	0.51	139	Pg	Pg	16 17 01.2	-0.2
AURF	Auriere	0.52	160	Pg	Pg	16 16 54.7	+0.2
MONE	Monesi	0.56	121	P	Pg	16 16 55.5	+0.1
MONE	Monesi	0.56	121	P	Pg	16 17 02.9	-0.2
ROB	Roburent	0.57	98	P	Pg	16 16 56.6	+0.1
ROB	Roburent	0.57	98	P	Pg	16 17 03.1	-0.1
SBF	Sospel	0.57	154	eP	Sg	16 16 55.8	+0.2
SBF	Sospel	0.57	154	eP	Sg	16 17 03.1	-0.1
RRL	Cesana Torines	0.59					

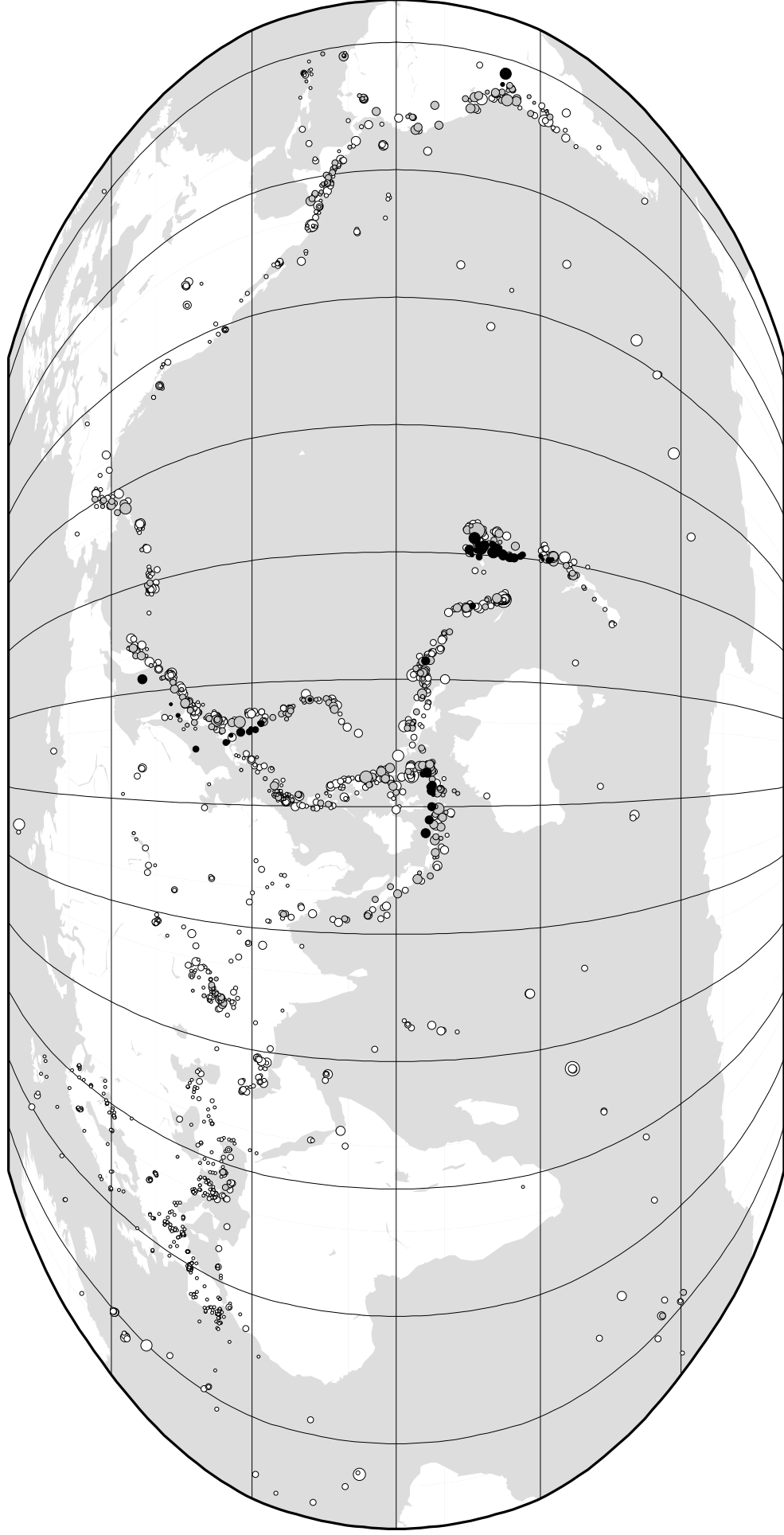




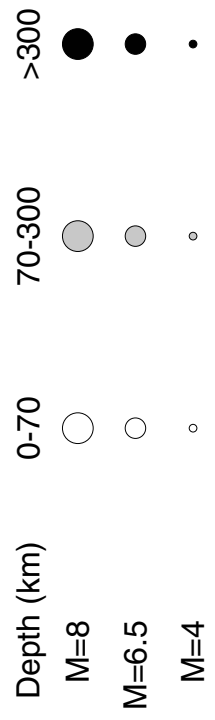




# ISC Computed Locations for January 2004



Robinson Projection, centred on 0°N, 130°E



2109 Events