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MEMBERS

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

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Addendum

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

From data-month October 2002, a new location program ISCloc has been used in operations. Also, the IASPEI standard seismic phase list has been adopted by the ISC (Storchak, D.A., J. Schweitzer, P. Bormann (2003) The IASPEI Standard Seismic Phase List, Seismological Research Letters 74, 6, 761-772).

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

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

The following example illustrates the changes :-

September 2002

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

Code	Station Name	A ¹	AZ ²	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	iP	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	ARCESS 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.

2005 JAN

1d 1h

NEIC 01 00:11:43.6, 35.20N-23.31E, h14km, MD3.6(ATH), After ATH.

CSEM 01 00:11:43.6, 35.20N-23.31E, h14km, MD3.6(10), After ATH

ATH 01 00:11:43.6, 35.20N-23.31E, h14km, 3km, MD3.6(10), Create

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

MEX 01 00:15:28.1±1.2, 14.81N-93.98W, h16km, 46km, MD4.5, Near coast of Chiapas

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

MEX 01 00:25:22.5±0.7, 14.59N-93.89W, h20km, 202km, MD4.4, Near coast of Chiapas

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

BUI 01 00:47:33.0, 3.66N-94.62E, h47km, mb5.2, mb5.0, Msz4.4

NEIC 01 00:47:34.6±0.5, 3.99N-94.48E, h30km, mb4.8/12, Error ellipse: s-maj=15.3km s-min=9.3km az=61.0

ISC 01 00:47:33.6±0.5, 3.95N-94.08E, 94.57E.0.10, h33km, (h34km, 1.9km, p-P), n38, c0991/37, mb4.8/18, MS4.3/1, 3D, Off west coast of northern Sumatra

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CM31, NANT, PKI, etc.

BUI 01 00:52:55.9, 8.18N-92.44E, h44km, mb5.0, mb4.7, Msz4.6

NEIC 01 00:52:57.3±0.3, 8.36N-92.46E, h30km, mb4.8/31, MS4.6/2, Error ellipse: s-maj=8.9km s-min=7.2km az=207.0

ISC 01 00:52:56.0±0.4, 8.35N-92.94E.0.05, h32km,

h32km, 9km, p-P, n82, c0999/81, mb4.8/33, MS4.2/1, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CM31, VIS, MDRS, etc.

ISC 01 00:56:46.0±0.7, 8.27N-92.95E, h30km, mb4.7/10, Error ellipse: s-maj=23.0km s-min=10.8km az=71.0

BUI 01 00:56:46.3, 7.87N-93.05E, h57km, mb5.2, mb4.9, Msz4.7, Msz4.4

ISC 01 00:56:44.5±0.7, 8.27N-92.93E.0.2, h30km, n16, c1508/16, mb4.7/11, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CM31, LSA, ENH, etc.

ISC 01 00:58:43.9±4.8, 8.2N-103.94E±, h33km, n30, c0648/30, S-maj=13.3km S-min=9.2km az=71.0

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

comp=Z,12nm,0.9s,mb4.8 HAU Haudompre 81.28 317 eP P 01 05 10.8 +0.2

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

NEIC 01 00:56:46.0±0.7, 8.27N-92.95E, h30km, mb4.7/10, Error ellipse: s-maj=23.0km s-min=10.8km az=71.0

BUI 01 00:56:46.3, 7.87N-93.05E, h57km, mb5.2, mb4.9, Msz4.7, Msz4.4

ISC 01 00:56:44.5±0.7, 8.27N-92.93E.0.2, h30km, n16, c1508/16, mb4.7/11, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CM31, LSA, ENH, etc.

ISC 01 00:58:43.9±4.8, 8.2N-103.94E±, h33km, n30, c0648/30, S-maj=13.3km S-min=9.2km az=71.0

ISC 01 00:58:43.9±4.8, 8.2N-103.94E±, h33km, n30, c0648/30, S-maj=13.3km S-min=9.2km az=71.0

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

ISC 01 01:03:40.1, 38.81N-31.89E, h6km, MD3.5, After ISK

ISK 01 01:03:40.1, 38.81N-31.89E, h6km, MD3.5, After ISK

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

1d 2h

Table with columns: DAG, Danmarks Havn, 92.66 348, eP, P, 02 08 36.2 -1.1, etc. Lists various stations and their details.

2005 JAN

Table with columns: JFWS Jewell Farm, 134.13 6, PFAKE LR, 02 15 00.0 +13, etc. Lists stations and their details.

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Table with columns: GHIR SNR=90, comp=E, 1.1um, 0.2s, SNR=90, eSg, Pn, 02 15 04.3 +0.7, etc. Lists stations and their details.

CSEM 01 02:40:12.7-0.1, 36.01N-28.57E, h58km, 2km, MD3.6, Error ellipse: s-maj=2.3km s-min=1.7km az=35.0...

ISCEM 01 02:40:12.9-0.3, 35.95N-0.03, 28.60E-0.03, h81km, 9km, n120, r1937/140, 15C-2D, Eastern Mediterranean Sea

MAN 01 01:56:17.4, 9.18N-126.47E, h10km, mb4.5, ML3.3, MS3.2, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BUTP Butuan, BIPH Bislig, etc.

THR 01 02:14:43.5-0.8, 27.68N-52.91E, h14km, 12km, ML3.1, CSEM 01 02:14:44.8-0.2, 27.75N-52.98E, h16km, ML3.7/1, Error ellipse: s-maj=6.0km s-min=4.1km az=149.0

ISC 01 02:14:45.0-0.8, 27.74N-0.06, 52.93E-0.08, h14km, n10, r0659/14, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GHIR Ghir-Karzin, GHIR Ghir, etc.

Table with columns: SWA2, SWA2, MZDA, MZDA, ZAF, ZAF, ZNM, ZNM, PRNI, PRNI, KMTI, KMTI, MBH, MBH, EIL, EIL, AQB, AQB, HFRF, HFRF, HFRF, HFRF. Includes station names, coordinates, and time/phase data.

NEIC 01 02:54:20.8, 0.6, 8.41N-91.52E, h30km, mb4.9/16, Error ellipse: s-maj=17.8km s-min=10.2km az=57.0

BUI 01 02:54:22.7, 8.40N-91.50E, h29km, mb5.1, mb4.9, Ms4.6, Ms24.6

ISC 01 02:54:21.0-0.6, 8.40N-0.07-91.83E, h30km, mb4.8/18, MS4.5/1, 1D, (h30km, 1.4km, pP, n76.5, e18/48/43, mb4.8/18, MS4.5/1, 1D, Nicobar Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like CM31, VIS, VIS, KKKT, NANT, HYB, SHL, SHL, MNGI, PKI, DMN, POO, POO, GUN, BHPL, BHPL.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BHPL, KKN, KKN, GKN, KGN, KOLN, LSA, LSA, LSA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA, LSA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN, XAN.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like AAK, AAK, AAK, AAK, AAK, AAK, AAK, AAK, AAK, AAK.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like MBWA, ULN, ULN, ULN, ULN, ULN, ULN, ULN, ULN, ULN.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KLBK, HIA, HIA, HIA, HIA, HIA, HIA, HIA, HIA, HIA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like WB2, MAT, MAT, MAT, MAT, MAT, MAT, MAT, MAT, MAT.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like ASPA, GNI, GNI, GNI, GNI, GNI, GNI, GNI, GNI, GNI.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, ARU, ARU, ARU, ARU, ARU, ARU, ARU.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KIV, EIL, EIL, EIL, EIL, EIL, EIL, EIL, EIL, EIL.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK.

DJA 01 03:05:34.0-0.6, 7.37S-106.01E, h33km, mb5.1/1, MD4.2/2, ML3.6/3, 4C-3D, Error ellipse: s-maj=19.2km s-min=6.4km az=37.0, Jawa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like PULI, PACI, PACI, PACI, PACI, PACI, PACI, PACI, PACI, PACI.

NIED 01 03:38:00.37, 30N, 141.80E, h35km, Mw4.0. Best double couple: M=1.23x10^15 NP1=21, 871, lambda=80. NP2=229, 821, lambda=116.

JMA 01 03:38:04.7-0.2, 37.33N, 141.77E, h43km, 3km, M4.1 JMA Felt 1/1

ISC 01 03:38:04.9-1.6, 37.32N, 0.07x141.8E, 0.1, h43km, n11, +078/17, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JFK, JFK, ONAJ, ONAJ, JMM, JMM, JFT, JFT, JIO, JIO, JHO, JHO, JOU, JOU, JYS, JYS, JFY, JFY, JMK, JMK, MAT, MAT.

MAN 01 03:59:10.10, 10.07N-126.59E, h13km, mb4.6, ML3.5, MS3.4, 1D, Philippine Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SCPH, SCPH, SCPH, SCPH, SCPH, SCPH, SCPH, SCPH, SCPH, SCPH.

BUI 01 04:03:09.6, 5.30N-94.31E, h52km, mb5.8, mb5.7, Ms5.6, Ms25.4

MOS 01 04:03:09.3, 1.1, 5.53N-94.42E, h33km, mb6.0/85, MS5.3/69, Error ellipse: s-maj=8.1km s-min=3.7km az=127.0

NEIC 01 04:03:11.0-0.1, 5.47N-94.40E, h36km, mb5.8/124, ME5.6, MS5.5/121, MW5.7, Error ellipse: s-maj=5.5km s-min=3.1km az=214.0

DHMR 01 04:03:10.9-0.0, 5.37N-94.38E, h30km, mb5.5, GUC 01 04:03:10.9-0.0, 5.47N-94.40E, h36km, mb5.8(NEIC), MS5.5(NEIC), MW5.7(NEIC)

HRVD 01 04:03:11.0-0.2, 5.36N-94.29E, h35km, mb5.7/67, Centroid moment Tensor Solution. LP body waves: s64, c123, mantle waves: s67, c163; Half duration: 1s6

ISC 01 04:03:10.4-0.1, 5.44N-0.03-94.43E, 0.02, h46km, h46km, 3km, pP, n77.6, e18/03/654, mb5.8/164, MS5.4/146, 152C-24D, Northern Sumatra

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SNG, SNG, KKT, KKT, CM31, CM31, CHG, CHG, UBT, UBT, UBT, UBT, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI, PENI.

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2005 JAN

Table with columns for station code, name, time, and various status indicators. Includes stations like LZH, TATO, NJ2, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like TLY, IRK, ASPA, HIA, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like CLNS, VANB, CTA, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like YAK, BNN, KVV, AVNT, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like AKS, BALB, EDC, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like KWP, APA, KOLS, etc.

Table with columns: Station Name, Time, Az, El, Res, and other parameters. Includes stations like Yreka Blue Hor, Missoula, Blue Mountains, etc.

Table with columns: Station Name, Time, Az, El, Res, and other parameters. Includes stations like Lemitar, Los Pinos Moun, Barren Site, etc.

Table with columns: Station Name, Time, Az, El, Res, and other parameters. Includes stations like XAN, Lanzhou, Nanjing, etc.

BUI 01 04:29:12.2, 3.71N:95.34E, h36km, mb5.7, mb5.1, Ms4.8, Ms4.4

NEIC 01 04:29:14.7, 0.3, 3.71N-95.49E, mb4.9/35, Error ellipse: s-maj=9.5km, s-min=6.0km, az=210.0

ISC 01 04:28:12.8, 0.3, 3.67N, 0.06-95.53E, 0.05, h35km, h35km, 1.6km, p-P, n95, e095/92, mb5.0/43, MS4.3/1, 5C-3D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like NST, UBT, CHIANG MAI, etc.

NEIC 01 04:38:48.1, 2.8, 3.90S: 102.32E, h25km, 17km, mb4.8/9, Error ellipse: s-maj=27.9km, s-min=8.4km, az=53.0

BUI 01 04:38:49.1, 3.90S: 102.30E, h25km, mb5.2, mb4.8, Ms4.7, Ms4.4

DJA 01 04:38:51.7, 1.1, 4.29S: 102.31E, h116km, mb5.3/2, MD4.9/4, Error ellipse: s-maj=73.5km, s-min=7.0km

ISC 01 04:38:49.6, 0.4, 3.99S, 102.67E, h25km, n48, e132/44, mb4.9/17, MS4.4/2, 6C-8D, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like KSI, PENI, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PENI, Pendang, Pulisari, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LPGA, La Plagne, NEIC 01 05:25:38.9, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PPI, Padang Panjang, Nakhon Sawan, etc.

BUJ 01 05:18:21.4, 7.31N-92.83E, h30km, mb5.1, mb4.6, Ms4.5, Ms4.0

JMA 01 05:59:19.2, 22.67N-121.34E, h37km, ML4.0, Taiwan region

ISC 01 05:18:28.0, 6.807N-107.937E, h30km, n32, e110/34, mb4.7/18, NL, Nicobar Islands region

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NST, Nakhon Sawan, CM31, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 01 05:59:19.2, YONAGUNI JIMA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KOLN, JHNI, LSHA, etc.

ISC 01 05:18:28.0, 6.807N-107.937E, h30km, n32, e110/34, mb4.7/18, NL, Nicobar Islands region

ISC 01 06:25:43.0, 4.72N-92.25E, h28km, mb6.5, mb6.0, Ms7.1, Ms6.5

ISC 01 06:25:43.0, 4.72N-92.25E, h28km, mb6.5, mb6.0, Ms7.1, Ms6.5

Table with columns: Code, Name, Value, Unit, and other parameters. Includes entries like BOLJ Boljevac, BIA Bitola, IGIN Ignalina, SKO Skopje, etc.

Table with columns: Code, Name, Value, Unit, and other parameters. Includes entries like RAC Raciborz, MORC Moravsky Berou, ZST Bratislava, etc.

Table with columns: Code, Name, Value, Unit, and other parameters. Includes entries like KHC Kasperske Hory, RUE Ruedersdorf, DRV Dumont d'Urville, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MUD, EDI, LARF, SWFS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ESAC, EMOS, EDI, LARF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SPU, COLA, COLA, COLA, etc.

BW06	comp-Z,26um,22.0s,MS6.9	LR	LR		
RCBR	Riachuelo 128.47 267	PFAKE	LR	06 45 00.0 +5.6	
RCBR	comp-Z,25um,20.0s,MS6.9				
BGU	Big Grassy Mtn 128.75 25	ePKPdf	PKPdf	06 44 52.3 -1.9	
HWUT	Hardware Ranch 128.73 23	ePKPdf	PKPdf	06 44 53.0 -1.1	
HWUT	comp-Z,24um,20.0s,MS6.9				
MTUM	Tungsten Hills 129.35 32	ePKPdf	PKPdf	06 44 54.9 +0.2	
TPH	Tonopah 129.10 30	ePKIKP	MLR	06 44 54.1 -1.9	
TPH	comp-Z,15um,20.0s,MS6.7				
TCUT	Toone Canyon 129.21 23	ePKPdf	PKPdf	06 44 54.4 -0.7	
NOQ	North Orrntr 129.32 24	ePKPdf	PKPdf	06 44 55.1 -0.2	
MDV	Middlebury 129.34 36	ePKPdf	PKPdf	06 44 54.2 -1.3	
MIV	Mineville/With 129.50 347	PKPdf	PKPdf	06 44 53.2 -2.4	
JLU	Jordanelle 129.63 23	ePKPdf	PKPdf	06 44 54.9 -1.0	
TRCB	Troy Canyon 129.68 29	ePKPdf	PKPdf	06 44 56.0 -0.1	
NCB	Newcomb 129.75 347	ePKPdf	PKPdf	06 44 53.9 -2.2	
NCB	comp-Z,40um,22.0s,MS7.1				
NLU	North Lily Min 129.93 24	ePKPdf	PKPdf	06 44 55.5 -1.0	
MPU	Maple Canyon 130.06 24	ePKPdf	PKPdf	06 44 55.4 -1.4	
RWW	Rawlins 130.21 19	ePKPdf	PKPdf	06 44 54.3 -2.7	
DAC	Darwin (Calif) 130.28 32	ePKIKP	MLR	06 44 58.0 +0.7	
DAC	comp-Z,14um,21.0s,MS6.7				
HRV	Harvard-Oak R 130.48 344	PFAKE	LR	06 45 10.0 +1.3	
HRV	comp-Z,16um,19.0s,MS6.7				
WES	Weston 130.53 344	PFAKE	LR	06 45 10.0 +1.2	
WES	comp-Z,18um,19.0s,MS6.8				
TMUT	Trail Mountain 130.84 24	ePKPdf	PKPdf	06 44 57.6 -0.6	
RKT	Rikitea 130.99 116	eSS	SS	07 04 44.5 +0.8	
RKT	comp-Z,23um,22.8s				
MVU	Marysvale 131.09 26	ePKPdf	PKPdf	06 44 57.5 -1.2	
MVU	comp-Z,15um,20.0s,MS6.7				
MSU	Marysvale 131.09 26	ePKIKP	PKPdf	06 44 59.5 +0.8	
PHWY	Pilot Hill 131.12 18	ePKPdf	PKPdf	06 44 58.2 -0.5	
ARUT	Antelope Range 131.13 27	ePKIKP	PKPdf	06 44 55.6 -3.2	
SRU	San Rafael 131.29 24	ePKIKP	PKPdf	06 44 59.2 -0.8	
BINY	Binghamton 131.82 348	ePKPdf	PKPdf	06 44 59.2 -0.8	
BINY	comp-Z,23um,19.0s,MS7.1				
NEN	Nelson 132.18 30	ePKPdf	PKPdf	06 45 00.3 -0.6	
JFWS	Jewell Farm 132.24 3	PFAKE	LR	06 45 10.0 +9.2	
JFWS	comp-Z,25um,19.0s,MS6.9				
ISCO	Idaho Springs 132.44 19	ePKIKP	MLR	06 44 53.8 -7.5	
ISCO	comp-Z,23um,19.0s,MS6.9				
LDFC	Landfair 132.49 31	ePKPdf	PKPdf	06 45 01.1 -0.4	
PV10	Paradox Valley 132.49 23	ePKPpre	PKPdf	06 44 56.9	
ERPA	Erie 132.57 352	PFAKE	LR	06 45 10.0 +8.5	
ERPA	comp-Z,33um,22.0s,MS7.0				
AAM	Ann Arbor 132.76 356	PFAKE	LR	06 45 10.0 +8.2	
AAM	comp-Z,22um,21.0s,MS6.8				
SSPA	Standing Stone 133.69 350	ePKPdf	PKPdf	06 45 02.0 -1.4	
SSPA	comp-Z,4um,22.0s,MS6.1				
SDCO	Great Sand Dun 134.34 20	ePKPdf	PKPdf	06 45 03.0 -1.8	
SDCO	comp-Z,26um,20.0s,MS7.0				
PTCN	Pitcairn Islan 134.71 121	PFAKE	LR	06 45 20.0 +1.4	
PTCN	comp-Z,10um,20.0s,MS6.5				
ACSO	Alum Creek Sta 134.77 355	ePKPdf	PKPdf	06 45 04.2 -1.4	
ACSO	comp-Z,21um,20.0s,MS6.8				
MCWV	Mont Chateau 134.96 351	PFAKE	LR	06 45 20.0 +1.4	
MCWV	comp-Z,29um,20.0s,MS7.0				
KSU1	Kansas State U 135.33 10	ePKPpre	PKPdf	06 44 48.8	
CBN	Corbin 135.95 348	PFAKE	LR	06 45 20.0 +1.8	
CBN	comp-Z,35um,21.0s,MS7.1				
BLO	Bloomington 136.02 359	ePKPdf	PKPdf	06 45 07.0 -0.8	
ANMO	Albuquerque 136.49 23	ePKPdf	PKPdf	06 45 08.8 0.0	
ANMO	Albuquerque 136.49 23	ePKIKP	PKPdf	06 45 08.8 0.0	
ANMO	Albuquerque 136.49 23	ePKPdf	PKPdf	06 45 07.8 -1.0	
ANMO	comp-Z,22um,20.0s,MS6.9				
SLM	Saint Louis 136.50 3	ePKHKP	PKPdf	06 44 57.5	
LAZ	Ladron 136.70 24	ePKPdf	PKPdf	06 45 10.0 +0.9	
TUC	Tucson 136.86 29	ePKPdf	PKPdf	06 45 08.6 -0.9	
TUC	comp-Z,14um,19.0s,MS6.7				
BBSR	BB Station 136.87 331	PFAKE	LR	06 45 20.0 +1.0	
BBSR	comp-Z,11um,20.0s,MS6.6				
WCI	Wyandotte Cave 136.96 358	ePKPdf	PKPdf	06 45 08.0 -1.6	
WCI	comp-Z,5um,20.0s,MS6.3				
LENM	Lemitar 136.98 24	ePKPdf	PKPdf	06 45 10.0 +0.3	
LPM	Los Pinos Moun 136.98 23	ePKPdf	PKPdf	06 45 09.4 -0.3	
CCM	Cathedral Cave 137.02 4	ePKPpre	LR	06 45 04.1	
CCM	comp-Z,9um,20.0s,MS6.5				
BNM	Barren Site 137.13 23	ePKPdf	PKPdf	06 45 08.2 -1.8	
FVM	Forest Hill 137.14 352	ePKPdf	PKPdf	06 45 09.0 -0.9	
FVM	French Village 137.14 3	ePKPdf	PKPdf	06 45 08.0 -1.9	
UNW	University of 137.24 360	ePKPdf	PKPdf	06 45 06.5 -3.6	
PSW	Princeton 137.41 352	ePKPdf	PKPdf	06 45 09.3 -1.2	
BLA	Blacksburg 137.45 351	ePKPdf	PKPdf	06 45 08.8 -1.8	
BLA	comp-Z,27um,20.0s,MS7.0				
ELMX	Prospectdale 137.48 352	ePKPdf	PKPdf	06 45 08.6 -1.9	
AMT	Amarillo 138.18 17	ePKPpre	LR	06 45 00.3	
AMT	comp-Z,25um,21.0s,MS6.9				
UTMT	University of 138.84 1	ePKPdf	PMTX	06 45 12.6 -0.5	
WVT	Waverly 139.07 0	ePKPpre	LR	06 45 06.2	
WVT	comp-Z,28um,21.0s,MS7.0				
WMOK	Wichita Mounta 139.10 14	ePKHKP	MLR	06 45 02.3	
WMOK	comp-Z,17um,21.0s,MS6.8				
CPRX	Cap Rock 139.16 21	ePKPpre	PKPdf	06 45 03.5	
TROA	Tornquist 139.64 212	ePKPpre	LR	06 45 04.7	
TROA	comp-Z,18um,20.0s,MS6.8				
CPCT	Cooper Cave 139.64 356	ePKPpre	PKPdf	06 45 09.9	
GD12	Guadalupe Moun 139.73 22	ePKPpre	PKPdf	06 45 04.0	
IMTX	Cornudas Mount 139.78 24	ePKPpre	LR	06 45 04.7	
IMTX	comp-Z,19um,20.0s,MS6.8				
CLNB	Carlsbad 139.85 22	ePKPdf	PKPdf	06 45 13.8 -1.3	
UALR	University of 140.18 6	ePKPpre	PKPdf	06 45 06.7	
MIAR	Mount Ida 140.26 8	ePKPpre	LR	06 45 07.1	
MIAR	comp-Z,27um,19.0s,MS7.0				
OXF	Oxford 140.65 2	ePKPpre	LR	06 45 11.4	
OXF	comp-Z,26um,21.0s,MS7.0				
NHSC	New Hope 141.42 350	ePKPdf	PKPdf	06 45 18.7 +0.8	
NHSC	comp-Z,28um,20.0s,MS7.0				
GOGA	Godfrey 141.57 354	ePKPdf	PKPdf	06 45 18.2 0.0	
GOGA	comp-Z,23um,21.0s,MS6.9				
LRAL	Lakeview Retre 142.15 359	ePKPdf	PKPdf	06 45 14.3 -4.8	
LRAL	comp-Z,30um,20.0s,MS7.0				
LTX	Lajitas 142.55 23	ePKPdf	PKPdf	06 45 16.0 -3.9	
NATX	Nacogdoches 142.83 10	ePKPpre	LR	06 45 14.8	
NATX	comp-Z,27um,19.0s,MS7.0				
JCT	Junction City 142.84 17	ePKPpre	LR	06 45 14.4	
JCT	comp-Z,24um,22.0s,MS6.9				
HKT	Hockley 144.36 12	PKPdf	PKPdf	06 45 19.3 -3.7	
HKT	Hockley 144.36 12	ePKPpre	LR	06 45 18.7	
HKT	comp-Z,9um,20.0s,MS6.5				
CCHI	Chilian 145.46 202	iP	PKPbc	06 45 23.5 +1.5	
NICH	Nichols 146.51 205	eP	PKPbc	06 45 26.3 +1.7	
DWPF	Disney 146.52 350	ePKPdf	PKPdf	06 45 26.0 -0.8	

DWPF	comp-Z,6um,22.0s,MS6.3	LR	LR		
LMEL	Las Melosas 147.04 207	iP	PKPdf	06 45 29.1 +1.6	
MDZ	Mendoza 147.18 210	eP	PKPdf	06 45 31.0 +3.2	
MDZ	comp-Z,25um,20.0s,MS6.9				
FCH	Fanelones 147.51 208	iP	PKPdf	06 45 30.0 +1.7	
CLCH	Corral Canal 147.56 207	iP	PKPdf	06 45 28.1 -0.3	
PEL	Peddehue 147.84 207	iP	PKPdf	06 45 29.2 +0.3	
SJG	San Juan 148.71 318	ePKPdf	PKPdf	06 45 30.4 -0.2	
SJG	comp-Z,14um,20.0s,MS6.8				
TRN	Trinidad W/ 149.56 301	eP	PKPdf	06 45 36.8 +4.7	
TPP	Pointe-a-Pierre 149.76 300	eP	PKPdf	06 45 38.2 +5.8	
RPN	Rapa Nui 149.84 139	ePKPbc	PKPdf	06 45 37.1 +4.9	
RPN	comp-Z,2um,21.0s,MS5.9				
LTL	Llano Astrono 150.35 211	iP	PKPdf	06 45 38.2 +5.3	
LVC	Limelo Verde 154.80 224	ePKPdf	PKPdf	06 45 39.8 +0.4	
LVC	comp-Z,10um,20.0s,MS6.6				
TEIG	Tepeh 154.91 1	ePKPdf	PKPdf	06 45 39.4 -0.2	
TEIG	comp-Z,12um,22.0s,MS6.7				
LPAZ	La Paz 157.79 238	PKIKP	PKPdf	06 45 42.6 -0.9	
LPAZ	La Paz 157.79 238	ePKIKP	PKPdf	06 45 42.0 -1.5	
LPAZ	comp-Z,15um,20.0s,MS6.8				
SDV	Santo Domingo 158.10 309	ePKPdf	PKPdf	06 45 42.4 -1.6	
SDV	comp-Z,14um,21.0s,MS6.9				
ARE	Arequipa 160.47 233	eP	PKPdf	06 45 47.0 +0.4	
JTS	JuntasAbangare 164.55 350	PKIKP	MLR	06 46 00.0 +9.3	
JTS	comp-Z,4um,21.0s				
JTS	JuntasAbangare 164.55 350	PFAKE	LR	06 46 00.0 +9.3	
JTS	comp-Z,4um,21.0s				
NNA	Nana 167.25 236	PFAKE	LR	06 46 00.0 +7.1	
NNA	comp-Z,4um,21.0s				
OTAV	Otavalo 169.41 299	ePKPdf	PKPdf	06 45 53.8 -0.5	
OTAV	comp-Z,18um,22.0s				
<p>NEIC 01 06:32:55.5 1.7, 51.57N, 16.32E, h5km, ML2.9(VIE), Error ellipse: s-maj=20.7km s-min=8.2km az=49.0 IPEC 01 06:32:55.2 0.3, 51.57N, 16.13E, ML2.0/3, Error ellipse: s-maj=1.8km s-min=1.5km az=31.0 PRU 01 06:32:57.6 51.46N, 16.11E, Felt In Harachov CSEM 01 06:32:57.0 2.1, 51.46N, 16.11E, h1km, ML3.1/4, Error ellipse: s-maj=2.8km s-min=1.5km az=17.0 WAR 01 06:32:57.4, 51.50N, 16.10E, h1km, ML2.7, 4C-2D, Mining Induced, Poland</p>					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
KSP	Ksiaz	0.67 169	Op	Pg	06 33 09.5 -1.2
KSP	Ksiaz	0.67 169	iP	Pg	06 33 18.5 -1.0
KSP	Ksiaz	0.67 169	iP	Pg	06 33 09.5 -1.2
KSP	Ksiaz	0.67 169	eP	Pg	06 33 18.4 -1.1
KSP	Ksiaz	0.67 169	eSg	Pg	06 33 09.5 -1.2
KSP	Ksiaz	0.67 169	iP	Pg	06 33 18.4 -1.1
KSP	Ksiaz	0.67 169	iP	Pg	06 33 09.5 -1.2
KSP	Ksiaz	0.67 169	eSg	Pg	06 33 18.4 -1.1
UPC	Ujice	0.99 183	eP	Pg	06 33 15.6 -1.6
UPC	Ujice	0.99 183	eP	Pg	06 33 15.6 -1.6
DPC	Dobruska-Polom	1.16 173	eP	Pg	06 33 38.4 -2.1
DPC	Dobruska-Polom	1.16 173	eSg	Pg	06 33 33.3 -2.6
DPC	Dobruska-Polom	1.16 173	eP	Pg	06 33 18.4 -2.1
DPC	Dobruska-Polom	1.16 173	eSg	Pg	06 33 33.3 -2.6
PVCC	Panska Ves	1.37 226	eP	Pg	06 33 22.8 -1.9
PVCC	Panska Ves	1.37 226	eP	Pn	06 33 22.9 -1.8
PVCC	Panska Ves	1.37 226	eSg	Pn	

Table with 7 columns: NLU, JCT, Station Name, Time, Az, Elevation, Az, Elevation. Includes North Lily Min and Junction City.

MOS 01 07:34:11.1, 2.5, 6.70S:131.54E, h37km, mb5.2/8, Error ellipse: s-maj=22.9km s-min=11.2km az=115.6

Main table of station data with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like KAKA, FITZ, WRAB, etc.

Table of station data for the first section, including Haudompre, La Plagne, La Chapelle, etc.

NEIC 01 07:45:14.9, 17.90N:68.14W, h80km, MD3.7(RSPR), After RSPR.

Table of station data for the second section, including Mayaguez, Maguayo, Las Mesas, etc.

ISC 01 08:30:34.3, 2.0, 7.95N:0.1, 128.7E, 0.1, h100km, m6, 1501/10, mb4.2/2, 2D, Banda Sea.

Table of station data for the third section, including KAKA, FITZ, Warramunga Arr, etc.

MOS 01 08:50:38.8, 1.2, 8.90N:94.15E, h32km, mb4.9/15, Error ellipse: s-maj=17.8km s-min=8.8km az=113.8

BUI 01 08:50:41.2, 8.69N:93.85E, h54km, mb5.4, mb4.9, Ms4.5, MS2.4.

NEIC 01 08:50:43.0, 0.4, 9.19N:93.80E, mb4.8/20, Error ellipse: s-maj=11.9km s-min=10.1km az=111.0

ISC 01 08:50:38.8, 0.5, 8.87N:0.07, 94.04E, 0.05, h29km, h29km, 1.6km, pp-P, n95, 1509/99, mb4.8/34, MS4.3/1, 7C-2D, Nicobar Islands region.

Main table of station data for the fourth section, including NST, CM31, CHIANG MAI, etc.

Main table of station data for the fifth section, including WMQ, BJT, UCH, AML, AAK, etc.

NEIC 01 09:56:01.1, 15.82N:61.49W, h20km, MD3.5(TRN), After TRN.

Table of station data for the final section, including TRN 01 09:56:01.3, 15.86N:61.50W, h3km, MD3.4, M2.9(FDF), MD3.0(FDF), 3C-5D, Leeward Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Barber's Block, Wesley, Port Louis, etc.

NEIC 01 09:59:39.7, 15.76N-61.57W, h21km, MD3.7(TRN), After TRN.

TRN 01 09:59:41.9, 15.84N-61.54W, h6km, MD3.7, M3.2(FDF), 4C-6D, Leward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Saint Claude, Barber's Block, Wesley, etc.

MAN 01 10:01:25.4, 9.67N-126.53E, h13km, mb4.4, ML3.2, MS3.0, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCBP, SCBH, Butuan, etc.

CSEM 01 10:02:36.4-0.1, 38.07N-42.78E, h25km, MD3.8, Error ellipse: s-maj=2.5km s-min=1.7km az=169.0

ISK 01 10:02:36.8, 38.06N-42.74E, h2km, MD3.8, ML3.8

NEIC 01 10:02:37.0, 38.05N-42.75E, h2km, ML3.8(ISK), After ISK

ISC 01 10:02:38.0-0.6, 38.10N-0.04, 42.74E-0.06, h27km, 10km, n38, c0993/48, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Van, TVAN, VANB, etc.

NEIC 01 10:12:54.4-0.7, 8.71N-93.63E, h30km, mb4.6/10, Error ellipse: s-maj=24.0km s-min=14.4km az=74.0

BJJ 01 10:12:59.3, 9.49N-93.06E, h30km, mb4.7, Ms4.5, Msz4.4

ISC 01 10:12:53.0, 8.77N-0.07, 93.70E-0.06, h33km, (h33km, 7km-pP-P), n38, c1131/39, mb4.7/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NST, CM31, KKTk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BLSP, BLSR, Pulchoki, GUN, etc.

NEIC 01 10:14:33.0-1.1, 27.63N-53.14E, h10km, mb4.0/3, Error ellipse: s-maj=21.5km s-min=18.4km az=54.0

THR 01 10:14:34.8-0.9, 27.91N-52.92E, h30km, 8km, ML3.9

CSEM 01 10:14:35.8-0.1, 27.89N-53.09E, h20km, mb3.8/1, Error ellipse: s-maj=2.5km s-min=1.9km az=139.0

TEH 01 10:14:37.1, 27.85N-53.08E, h10km, Mn3.4

ISC 01 10:14:36.8-0.6, 27.99N-0.05, 53.03E-0.06, h30km, n46, c1924/51, mb4.0/2, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GHIR, ISRV, IPAR, etc.

BJJ 01 10:15:22.4, 4.54N-94.81E, h47km, mb5.3, mb5.0, Ms4.8, Msz4.5

MOS 01 10:15:23.5, 1.0, 5.16N-95.22E, h33km, mb5.2/25, Error ellipse: s-maj=18.0km s-min=8.1km az=110.1

NEIC 01 10:15:24.6-0.2, 4.93N-94.81E, mb5.0/38, Error ellipse: s-maj=9.2km s-min=5.8km az=51.0

HRVD 01 10:15:24.6-0.6, 4.75N-94.51E, h49km, 3km, MW5.2/32, Centroid moment Tensor Solution. LP body waves:

s10,c10/Mantle waves: s32,c49; Half duration: 150

Moment tensor: Scale 10^17Nm; Mrr:0.64±.10; Mθθ:0.01±.07; Mφφ:-0.65±.06; Mrr-Mθθ:0.4; Mθθ-Mφφ:0.47±.05;

Best double couple: M: 8.14±0.17 Np1: 337.829; λ: 70°; Np2: 180°; ρ: 3.101°; Principal axes: T: 80°, P: 70°, Azm112°; N: 012, P1g10°; Azm355°; P: .82, P1g17°; Azm262°; nsta1 refers to body waves, cutoff=40s. nsta2

Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UNL, ULN, etc.

refers to surface waves, cutoff=50s.

ISC 01 10:15:23.6-0.3, 4.94N-0.05, 94.89E-0.05, h34km, h33km, 2.9km-pP-P, n144, c112/142, mb5.1/65, MS4.6/4, 18C-6D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NST, CM31, MDRS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BOD, CTAO, GNI, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CLL, NKC, MOX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BOURR, HAU, MOF, etc.

1d 12h

Table with columns: BRG, Berrghshubel, 74.03 320, P, 12.04 46.6, 0.0. Includes stations like GERES Array S, KHC KHC, RUE Ruedersdorf, etc.

2005 JAN

Table with columns: SUZ, 7.74 124, P, 12.00 48.6, -0.1. Includes stations like KMKR Kumukh, AKT AKhty, UNCR Uncukul, etc.

Table with columns: MTLF, 18nm, 0.4s, eSg, Sn, 12.07 56.5, -2.5. Includes stations like Montlieux, La Freustale, Lanestosa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ECAL Calabor, SMF Signal de Mont, HYF Humbigny, EPON Pontenova, SSF Saint Saulge, EINC Incio, QUIF Quistinic, MBDF Montbardon, EQES Quesada, EADA Adamuz, etc.

BUI 01 12:11:23.0,39.49N;77.10E,h19km,mB5.0,mb4.5,ML4.7, Ms4.3,Ms3.9
NCC 01 12:11:27.8-4.0,39.99N;77.27E,mpv4.5,Error ellipse: s-maj=43.2km s-min=17.8km az=152.0

ISC 01 12:11:23.4-0.4,39.33N;77.03-77.23E;0.06,h33km,n32,-0.95S/38,mb4.4/1,3C-2D,Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ULHL Ulahoi, KZA Kyzart, UCH Uchtor, KBK Karagaybulak, TKM2 Tokmak 2, AML Almayashu, AAK Ala-Archa, CHMS Chumysh, EKS2 Erkin-Say, USP Oспенovka, CHPC Chirah Chowk, DLH Dalhousie, CEP Cherat, THW Thame Wali, BHK Bhakra, MK31 Makanchi Array, etc.

NCC 01 12:15:01.8-78.0,43.92N;86.63E,mpv3.8,Error ellipse: s-maj=84.1km s-min=51.2km az=134.0
BUI 01 12:15:07.4,43.75N;86.23E,h15km,ML3.6,1C-1D,Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, MK31 Makanchi Array, etc.

NEIC 01 12:27:15.5,15.85N;61.47W,h17km,MD3.9(TRN),After TRN.
TRN 01 12:27:18.4,15.86N;61.49W,h2km,MD3.5,MD3.1(FDF),4C-8D,Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMQ Urumqi, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCG Saint Claude, BBL Barber's Block, BBL Barber's Block, DWS Wesley, DEG Port Louis, MDN Morne-Daniel, etc.

JMA 01 12:35:38.2-0.6,45.47N;150.42E,h150km,M3.5,Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rakusu, JNA Nakeshi, JAK Akkeshi, JAR Ashorobuto, etc.

NDI 01 12:35:58.9-6.7,21.56N;87.29E,h10km,mb4.7,ML4.5
ISC 01 12:35:58.8-0.8,21.56N;0.04-87.10E;0.06,h10km,n21,-0.121/33,1D,Southern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAL Calcutta, CAL Calcutta, BWNR Bhubaneshwar, BLSR Bilaspur, VIS Vishakhapatnam, VIS Vishakhapatnam, SHL Shillong, ALBI Allahabad, etc.

WEL 01 12:42:50.5-0.4,45.14S;167.48E,h116km,2km,ML3.6/9,7C,Error ellipse: s-maj=3.1km s-min=1.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, DCZ Mavora Lakes, MLZ Milford Sound, WHZ Wether Hill Ro, WKZ Wanaka, etc.

DJA 01 12:46:09.4-5.3,2.24N-97.28E,h6km,mb5.0/2.2D,Error ellipse: s-maj=212.4km s-min=12.1km az=90.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TSI Tuntungan, PENI Pengadangan, PENI Pengadangan, PANCI Pancar Gunung, etc.

Table with columns: RATI Rata, KEDI Kedomdong, BUI 01 13:15:40.4,8.60N;93.50E,h30km,mb5.2,mb4.8, NEIC 01 13:15:43.4-0.5,8.62N;93.49E,h30km,mb4.6/18,Error ellipse: s-maj=15.4km s-min=12.3km az=88.0, MOS 01 13:15:48.5,1.7,9.99N;93.38E,h33km,mb4.9/8,Error ellipse: s-maj=25.6km s-min=12.9km az=102.9, ISC 01 13:15:41.4-0.5,8.78N;0.08-93.88E;0.09,h30km,m61,-0.1509/62,mb4.7/26,1C-4D,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, SHL Shillong, HYB Hyderabad, PKI Pulchoki, GUN Gumba, DMN Damnan, KKN Kakani, LSA Lhasa, LSA Lhasa, GKN Gorkha, GKN Koldand, NJ2 Nanjing, NJ2 Nanjing, SSE Sheshan, SSE Sheshan, KZA Kyzart, UCH Uchtor, KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, EKS2 Erkin-Say, USP Oспенovka, ULN Ulanbaatar, ULN Ulanbaatar, ZAK Zakamensk, ZAL Zalesovo, ZAL Zalesovo, HIA Haihar, NVS Novosibirsk, NVS Novosibirsk, NVS Novosibirsk, NVS Novosibirsk, NWA0 Narrogin (SR), BRVK Borovoye, WRAD Tennant Creek, BOD Bodaibo, GNI Garni, GNI Garni, ARU Yakutsk, YAK Yakutsk, YAK Yakutsk, MBAR Mbarak, OBN Obninsk, OBN Obninsk, TIXI Tiksi, TIXI Tiksi, KOLS Koloniche sedl, FINES FINESS Array B, FINES FINESS Array B, CRVC Cervica-Dubn, OJC Ojcov, VYHS Vyhne, BILL Bilibino, BILL Bilibino, BOSA Boshof, CLL Collm, NORSAR Subarra, PGF Pioggiola, SBF Champ du Feu, LPG La Plagne, MBDF Montbardon, HAU Haudompre, BAIF Baivez, SSF Saint Saulge, BGF Bois d'Anglade, RJF Les Rejaudoux, FLN La Foliniere, ETSF Etsaut, etc.

JMA 01 13:41:44.8-0.4,27.58N;143.42E,h38km,ML4.0,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBJU Haha-jima-NKT, JHU Hanno, JHU Hanno, JRY Ryogami san, JHO Hitachi, JAG Aishikaga, JAG Aishikaga, etc.

WEL 01 13:46:01.6-0.2,36.83S;177.27E,h200km,2km,ML3.7/11,1D,Error ellipse: s-maj=2.8km s-min=1.8km az=90.0, East coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBJU Haha-jima-NKT, JHU Hanno, JHU Hanno, JRY Ryogami san, JHO Hitachi, JAG Aishikaga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, SMG, IZM, IZM, KDAG, AKS, AKS, AKS, MWZ, MWZ, KNZ, KNZ, BKZ, BKZ, MOVZ, MOVZ, PWZ, PWZ, PWZ, WAZ, WAZ, MRZ, MRZ, KIWI, KIWI, MTW, MTW, CAWI, CAWI, WEL, WEL, TUWZ, TUWZ

TAP 01 13:47:41.4, 24.57N, 121.59E, h11km, ML3.3

TAP Feit III J at Nioudou, II J at Nanau, I J at Suao, I J at Nanshan, I J at Sanguang.

JMA 01 13:47:44.3, 24.57N, 121.59E, h12km

ISC 01 13:47:42.4, 24.57N, 121.61E, h3km, 3km, n45, c081175, 1C-6D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ENTT, ENTT, TWE, TWE, ENA, ENA, ENA, ENA, TWC, TWC, TWC, TWC, ILA, ILA, NNS, NNS, NNS, NNS, NSK, NSK, NSK, NSK, TWA, TWA, TWA, TWA, TWD, TWD, TWD, TWD, TAP1, TAP1, TAP1, TAP1, TAP, TAP, TAP, TAP, TWT, TWT, TWT, TWT, NWF, NWF, NWF, NWF, WHF, WHF, WHF, WHF, TWB1, TWB1, TWB1, TWB1, NCU, NCU, NCU, NCU, HWA, HWA, HWA, HWA, HSN, HSN, HSN, HSN, TWY, TWY, TWY, TWY, ESL, ESL, ESL, ESL, NSY, NSY, NSY, NSY, TWQ1, TWQ1, TWQ1, TWQ1, SMLT, SMLT, SMLT, SMLT, SMLT, SMLT, SMLT, SMLT, TCU, TCU, TCU, TCU, TYC, TYC, TYC, TYC, EHY, EHY, EHY, EHY, YWJ, YWJ, YWJ, YWJ, ALS, ALS, ALS, ALS, CHNS, CHNS, CHNS, CHNS, WCK, WCK, WCK, WCK, ELUW, ELUW, ELUW, ELUW, CHN4, CHN4, CHN4, CHN4, STYT, STYT, STYT, STYT, WTP, WTP, WTP, WTP, TWK, TWK, TWK, TWK, CHN1, CHN1, CHN1, CHN1, SGST, SGST, SGST, SGST, CHNS, CHNS, CHNS, CHNS, IRIF, IRIF, IRIF, IRIF, IRIF, IRIF, IRIF, IRIF, HATJ, HATJ, HATJ, HATJ, JKRS, JKRS, JKRS, JKRS, EAST, EAST, EAST, EAST, JIJ, JIJ, JIJ, JIJ, JIJ, JIJ, JIJ, JIJ

NEIC 01 14:14:41.1, 36.49N, 29.21E, h30km, MD3.3(ATH), After ATH.

ATH 01 14:14:41.1, 36.49N, 29.21E, h30km, 24km, MD3.3/4

CSEM 01 14:14:41.3, 36.44N, 29.16E, h10km, MD3.3, Error ellipse: s-maj=5.1km s-min=3.7km az=171.0

ISK 01 14:14:41.4, 36.41N, 29.15E, h23km, MD3.3

ISC 01 14:14:42.6, 36.45N, 29.16E, h24km, 5km, n28, c1908/42, 2D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, FETY, FETY, FETY, FETY, KSL, KSL, DALY, DALY, DALT, DALT, ELL, ELL, ELL, ELL, ARG, ARG, ARG, ARG, ARG, ARG, DNZL, DNZL, DNZL, DNZL, DENT, DENT, DENT, DENT, BDRM, BDRM, BDRM, BDRM, BCK, BCK, BCK, BCK, BCK, BCK, AYDN, AYDN, ISP, ISP, ISP, ISP, KARP, KARP, KARP, KARP, MANT, MANT, MANT, MANT, SMG, SMG, SMG, SMG, SMG, SMG, SMG, SMG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, SMG, IZM, IZM, KDAG, AKS, AKS, AKS, MWZ, MWZ, KNZ, KNZ, BKZ, BKZ, MOVZ, MOVZ, PWZ, PWZ, PWZ, WAZ, WAZ, MRZ, MRZ, KIWI, KIWI, MTW, MTW, CAWI, CAWI, WEL, WEL, TUWZ, TUWZ

SNSN 01 14:17:19.7, 29.73N, 34.93E, h30km, ML2.1

CSEM 01 14:17:19.2, 0.1, 29.73N, 35.00E, h20km, Mw2.5, Error ellipse: s-maj=5.0km s-min=1.6km az=79.0

GII 01 14:17:20.3, 0.3, 29.80N, 35.05E, h14km, 1km, ML2.4/4, Mw2.5/6

ISC 01 14:17:19.6, 0.5, 29.73N, 0.03, 35.04E, 0.09, h23km, 4km, n34, c051144, 5D, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, AQBJ, AQBJ, EIL, EIL, EIL, EIL, MBH, MBH, MBH, MBH, ALWS, ALWS, ALWS, ALWS, KMTI, KMTI, KMTI, KMTI, JMOS, JMOS, JMOS, JMOS, PRNI, PRNI, PRNI, PRNI, HAQS, HAQS, HAQS, HAQS, ZFRI, ZFRI, ZFRI, ZFRI, JMOY, JMOY, JMOY, JMOY, TAYS, TAYS, TAYS, TAYS, MASH, MASH, MASH, MASH, MASD, MASD, MASD, MASD, KZIT, KZIT, KZIT, KZIT, BDAS, BDAS, BDAS, BDAS, JMZA, JMZA, JMZA, JMZA, MZDA, MZDA, MZDA, MZDA, MKR, MKR, MKR, MKR, SLTI, SLTI, SLTI, SLTI, ISC 01 14:22:08.6, 0.4, 46.35N, 0.02, 13.10E, 0.04, h10km, n15, c0568/28, 6C-6D, Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, BOO, BOO, BOO, BOO, BUA, BUA, BUA, BUA, MPRI, MPRI, MPRI, MPRI, BAD, BAD, BAD, BAD, PLRO, PLRO, PLRO, PLRO, ZOU, ZOU, ZOU, ZOU, COLI, COLI, COLI, COLI, ROBS, ROBS, ROBS, ROBS, LSR, LSR, LSR, LSR, MLNI, MLNI, MLNI, MLNI, DRE, DRE, DRE, DRE, VOJS, VOJS, VOJS, VOJS, JAVS, JAVS, JAVS, JAVS, OBKA, OBKA, OBKA, OBKA, CSEM 01 14:26:40.1, 0.3, 37.41N, 24.78W, h30km, ML3.2, Error ellipse: s-maj=8.1km s-min=3.5km az=62.0

PDA 01 14:26:40.6, 0.8, 37.44N, 24.48W, h10km, MD3.0, ML3.2, Error ellipse: s-maj=4.3km s-min=2.2km az=62.0

SVSA 01 14:26:40.6, 0.8, 37.44N, 24.48W, h10km, MD3.0, ML3.2, Error ellipse: s-maj=4.3km s-min=2.2km az=62.0

Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, PSMN, PSMN, PSMN, PSMN, MIRA, MIRA, MIRA, MIRA, FRA1, FRA1, FRA1, FRA1, PFAD, PFAD, PFAD, PFAD, PCNG, PCNG, PCNG, PCNG, VIF, VIF, VIF, VIF, MESC, MESC, MESC, MESC, PRCH, PRCH, PRCH, PRCH, LFA, LFA, LFA, LFA, PMAT, PMAT, PMAT, PMAT, PVER, PVER, PVER, PVER, CML, CML, CML, CML

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, CML, CML, FAC, FAC, FAC, FAC, PSET, PSET, PSAN, PSAN, PSAN, PSAN, PFET, PFET, PFET, PFET, GINET, GINET, GINET, GINET, MOSTEI, MOSTEI, MOSTEI, MOSTEI, PICO, PICO, PICO, PICO, SERRA, SERRA, SERRA, SERRA, PSCM, PSCM, PSCM, PSCM, RIBEI, RIBEI, RIBEI, RIBEI, PVNV, PVNV, PVNV, PVNV, PPAD, PPAD, PPAD, PPAD, PBIS, PBIS, PBIS, PBIS, ASBA, ASBA, ASBA, ASBA, PSBA, PSBA, PSBA, PSBA, PMAN, PMAN, PMAN, PMAN, ROSA, ROSA, ROSA, ROSA, PICO, PICO, PICO, PICO, HORTA, HORTA, HORTA, HORTA, CALA, CALA, CALA, CALA

CASC 01 14:26:51.9, 1.7, 71.61N, 87.25W, h40km, 164km, MD4.0, ML3.2, 3C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, COPN, COPN, COPN, COPN, LEON, LEON, LEON, LEON, MIRN, MIRN, MIRN, MIRN, TEL3, TEL3, TEL3, TEL3, CNGN, CNGN, CNGN, CNGN, XAVN, XAVN, XAVN, XAVN, MOMI, MOMI, MOMI, MOMI, APYV, APYV, APYV, APYV, TICN, TICN, TICN, TICN, CRIN, CRIN, CRIN, CRIN, MGAN, MGAN, MGAN, MGAN, APON, APON, APON, APON, PYTN, PYTN, PYTN, PYTN, CONN, CONN, CONN, CONN, CNCH, CNCH, CNCH, CNCH, BLLM, BLLM, BLLM, BLLM, SNVI, SNVI, SNVI, SNVI, LCBS, LCBS, LCBS, LCBS, LFRS, LFRS, LFRS, LFRS

BJI 01 14:29:09.6, 7.93N, 93.00E, h40km, mb5.4, mb5.5, MS5.0, U24.7

MOS 01 14:29:09.4, 1.2, 8.08N, 93.40E, h33km, mb5.3/23, MS4.7/9, Error ellipse: s-maj=1.7km s-min=0.7km az=112.0

NEIC 01 14:11.2, 2.1, 8.12N, 93.22E, h27km, 14km, mb5.2/54, MS5.1/103, Error ellipse: s-maj=6.1km s-min=5.0km az=214.0

HRVD 01 14:29:11.2, 0.3, 8.14N, 93.32E, h12km, MW5.5/46, Centroid moment Tensor Solution. LP body waves: s44, c72; Mantle waves: s46, c80; HLL duration: 195

Moment tensor: Scale 10^17Nm; Mw=0.35; M0=0.005; M2=0.35; M3=0.58; M4=0.58; M5=0.58; M6=0.58; M7=0.58; M8=0.58; M9=0.58; M10=0.58; M11=0.58; M12=0.58; M13=0.58; M14=0.58; M15=0.58; M16=0.58; M17=0.58; M18=0.58; M19=0.58; M20=0.58; M21=0.58; M22=0.58; M23=0.58; M24=0.58; M25=0.58; M26=0.58; M27=0.58; M28=0.58; M29=0.58; M30=0.58; M31=0.58; M32=0.58; M33=0.58; M34=0.58; M35=0.58; M36=0.58; M37=0.58; M38=0.58; M39=0.58; M40=0.58; M41=0.58; M42=0.58; M43=0.58; M44=0.58; M45=0.58; M46=0.58; M47=0.58; M48=0.58; M49=0.58; M50=0.58; M51=0.58; M52=0.58; M53=0.58; M54=0.58; M55=0.58; M56=0.58; M57=0.58; M58=0.58; M59=0.58; M60=0.58; M61=0.58; M62=0.58; M63=0.58; M64=0.58; M65=0.58; M66=0.58; M67=0.58; M68=0.58; M69=0.58; M70=0.58; M71=0.58; M72=0.58; M73=0.58; M74=0.58; M75=0.58; M76=0.58; M77=0.58; M78=0.58; M79=0.58; M80=0.58; M81=0.58; M82=0.58; M83=0.58; M84=0.58; M85=0.58; M86=0.58; M87=0.58; M88=0.58; M89=0.58; M90=0.58; M91=0.58; M92=0.58; M93=0.58; M94=0.58; M95=0.58; M96=0.58; M97=0.58; 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KOD	Kodaikanal	15.72 279	iP	P	14 32 54.0	+2.2	SSE	comp=N,558nm,22.0s,MS4.5	LR	LR	KLR	comp=Z,64nm,1.8s,mb5.2	pmax	pmax				
KOD					14 35 57.0		SSE	comp=E,688nm,22.0s,MS4.5	LR	LR	GNI	Garni	53.65 315	iP	P	14 38 29.0	-2.1	
TRD	Trivandrum	16.12 273	eP	P	14 32 57.3	+0.3	SSE	comp=Z,940nm,25.8s,MS4.4	LR	LR	GNI	comp=Z,24nm,1.1s	pmax	pmax				
TRD					14 33 08.3		TIA	Tai'an	35.46 34	iP	P	GNI	Garni	53.65 315	eP	P	14 38 31.0	-0.1
TRD	comp=Z,206nm,0.9s				14 35 40.1		TIA			AMB	AMB	GNI	comp=Z,32nm,1.0s,mb5.2	eP	LR	LR		
TRD					14 33 01.5	-1.5	WMQ	Urumqi	35.91 353	P	P	Ti2	Plekhanov	54.27 316	iP	P	14 38 35.8	+0.2
IMP	Imphal	16.61 2	eP	P	14 33 01.5	-1.5	WMQ	comp=Z,38nm,1.0s,mb5.3	AP	PP	Ti2			i	pmax	pmax	14 38 48.6	0.0
HYB	Hyderabad	17.05 304	iP	P	14 33 08.0	-0.5	WMQ	comp=Z,63nm,0.8s,mb5.6	PP	S	Ti2	comp=Z,30nm,0.6s,mb5.4						
HYB					14 36 12.0	-3.2	WMQ	comp=Z,311nm,4.0s	S	AMB	AMB	CLNS	Chul'man	54.24 51	eP	P	14 38 35.9	-1.5
HYB	comp=Z,180nm,1.0s				14 33 10.1	-3.1	WMQ	comp=N,794nm,18.4s,MS4.8	AMB	AMB	CLNS	comp=Z,49nm,0.9s,mb5.5						
SHL	Shillong	17.42 356	iP	P	14 33 10.1	-3.1	WMQ	comp=E,1µm,23.2s,MS4.8	LR	LR	CLNS	comp=N,24nm,0.7s						
SHL					14 33 17.1		ULHL	comp=Z,738nm,17.2s	LR	LR	CLNS	comp=E,22nm,0.7s						
SHL	comp=Z,287nm,0.8s				14 36 21.0	-2.5	ULHL	Ulaholj	37.17 339	P	P	SVE	Sverdiolovsk	54.87 339	eP	P	14 38 39.5	-0.3
BLSP	Bilaspur	17.58 324	eP	P	14 33 15.0	-0.2	ULHL	SNR=0.0			SVE							
BLSP					14 36 16.0		KZA	Kyzart	37.39 338	P	P	SVE	comp=Z,110nm,2.2s,mb5.5					
MNGI	Mangalore	18.73 286	iP	P	14 33 29.8	+0.4	Ucht	Uchtor	37.80 337	P	P	SVE	comp=Z,2µm,21.5s,MS5.1					
MNGI					14 33 29.8		UCH	SNR=8.9				ARU	Arti	55.34 337	iP	P	14 38 41.9	-1.3
MNGI					14 33 35.2		Bjt	Bajitatuau	37.82 29	eP	P	ARU						
NGP	Nagpur	18.87 315	eP	P	14 33 32.1	+1.1	Bjt	comp=Z,45nm,0.7s,mb5.3			LR	ARU						
NGP					14 33 35.0	+0.4	TKM2	TKM2	37.99 339	P	P	ARU						
LATR	Latur	19.19 304	eP	P	14 35 50.2		TKM2	SNR=14			P	ARU						
LATR					14 33 38.1	+0.8	KBK	Karagaybulak	38.00 338	P	P	ARU						
QIZ	Qiongzong	19.43 54	P	P	14 33 55.4	-0.1	KBK	SNR=32			P	PMG	Port Moresby	56.45 107	eP	P	14 38 50.0	-1.7
QIZ					14 37 10.1	+1.3	AML	Almayashu	38.04 336	P	P	PMG	Port Moresby	56.45 107	eP	P	14 38 50.6	-1.1
QIZ	comp=Z,75nm,1.0s				14 33 51.1	+0.3	AAK	Ala-Archa	38.15 337	P	P	PMG	comp=Z,36nm,0.8s,mb5.5					
QIZ	comp=Z,902nm,7.3s				14 37 27.8		AAK	SNR=23			P	KIV	Kislovodsk	56.56 318	P	P	14 38 51.7	-0.4
QIZ	comp=N,5µm,14.9s				14 37 29.9		AAK	Ala-Archa	38.15 337	iP	P	KMB0	Kilima Mbogo	56.56 263	iP	P	14 38 54.7	+2.1
QIZ	comp=Z,3µm,20.2s				14 33 51.6	+0.5	AAK	comp=Z,24nm,0.8s,mb5.0			LR	KMB0	Kilima Mbogo	56.56 263	eP	P	14 38 53.6	+1.1
QIZ	comp=Z,74nm,1.0s				14 33 53.0	+0.5	AAK	comp=Z,23nm,0.8s,mb5.0			LR	KMB0	comp=Z,10nm,0.8s					
MNVC	Mnaco	20.00 272	iP	P	14 33 46.0	+2.5	FRU	comp=Z,413nm,22.0s,MS4.2			P	KMB0	comp=Z,18nm,1.0s,mb5.0					
GOA	Goa	20.37 293	eP	P	14 33 53.0	+5.7	FRU	SNR=17			P	KMB0	comp=Z,2µm,21.0s,MS5.1					
GOA					14 37 27.8		CHMS	Chumysh	38.37 338	P	P	GOF	Gofitskoye	56.78 319	eP	P	14 38 52.0	-1.7
KAD	Karad	20.71 298	eP	P	14 33 51.1	+0.3	EKS2	Erkin-Say	38.45 337	P	P	GOF	comp=Z,35nm,1.4s,mb5.2					
KAD					14 37 29.9		USP	Ospenovka	38.70 338	P	P	YSS	Yuzh-Sakhalins	57.16 38	eP	P	14 38 55.5	-0.9
PKI	Pulchoki	20.74 340	eP	P	14 33 51.6	+0.5	MBWA	Marble Bar	39.01 139	eP	P	YSS	comp=Z,80nm,0.9s,mb5.8					
DMN	Daman	20.88 339	eP	P	14 33 53.0	+0.5	MBWA	comp=Z,30nm,0.9s,mb5.0			LR	YSS	comp=Z,500nm,16.0s,MS4.7					
DMN					14 33 53.4	+0.7	FITZ	Fitzy Crossi	41.24 129	eP	P	YSS	comp=N,500nm,17.0s,MS4.8					
GUN	Gumba	20.90 341	eP	P	14 33 58.4	+0.6	FITZ	SNR=17			P	YSS	comp=E,400nm,17.0s,MS4.8					
GUN	comp=Z,519nm,0.8s				14 37 49.0	-0.6	ULN	Ulaanbatar	41.33 14	iP	P	YSS	Yuzh-Sakhalins	57.16 38	eP	P	14 38 56.3	-0.1
GUN	Kakani	20.99 340	eP	P	14 33 59.5	+0.3	ULN	Ulaanbatar	41.33 14	eP	P	YSS	comp=E,58nm,0.8s,mb5.7					
GUN	comp=Z,280nm,0.8s				14 37 49.0	-0.6	ULN	comp=Z,13nm,0.7s,mb4.7			LR	YSS	comp=Z,685nm,21.0s,MS4.7					
GKN	Gorkha	21.41 339	eP	P	14 37 59.0	0.0	INCN	Inchon	42.06 41	eP	P	MALT	Malatyia	57.64 310	eP	P	14 38 59.1	-0.8
GKN					14 37 59.0	0.0	INCN	comp=Z,72nm,0.9s,mb5.3			LR	MALT	comp=Z,10nm,0.9s,mb4.8					
POO	Poona	21.51 301	iP	S	14 37 49.0	-0.6	KS15	Wonju Array Si	42.85 42	eP	P	SOC	Sochi	58.41 317	eP	P	14 39 01.2	-4.0
LSA	Lhasa	21.58 355	P	S	14 37 49.8	-1.0	SNY	Shenyang	42.97 34	iP	P	SOC						
LSA					14 38 10.0		SNY	comp=Z,1µm,20.0s,MS4.8			P	SOC	comp=Z,25nm,1.0s,mb5.2					
LSA	comp=Z,50nm,0.9s,mb4.9				14 38 10.0		SNY	SNR=19			P	SOC	comp=N,25nm,1.3s					
LSA	comp=Z,140nm,3.5s				14 34 08.7	-0.7	SNY	comp=N,850nm,19.2s			P	SOC	comp=E,7.0nm,0.9s					
LSA	comp=N,650nm,22.8s				14 34 29.5		SNY	comp=E,850nm,24.5s			P	SOC	comp=Z,475nm,20.0s,MS4.6					
LSA	comp=E,3µm,28.0s				14 38 12.2	+3.5	MOY	Moloy Talaya	43.90 7	eP	P	SOC	comp=N,773nm,22.0s					
LSA	comp=Z,1µm,24.8s,MS4.2				14 34 30.0	+0.8	MOY	SNR=17			P	SOC	comp=E,267nm,16.0s					
LSA	Lhasa	21.58 355	eP	P	14 34 37.1	+0.9	TLY	Talaya	44.29 9	eP	P	EIL	Eilat	58.54 300	eP	P	14 39 06.7	+0.4
LSA	comp=Z,59nm,0.6s,mb5.2				14 34 38.0	+1.0	TLY	comp=Z,950nm,27.9s			P	CTA	Charters Tower	59.19 119	eP	P	14 39 09.8	-1.1
LSA					14 34 37.9	+0.7	TLY	comp=Z,22nm,1.0s,mb4.7			P	CTAO	Charters Tower	59.19 119	eP	P	14 39 09.6	-1.3
LSA					14 34 42.1	+1.5	TLY	comp=Z,17nm,0.9s,mb4.8			P	CTAO	comp=Z,469nm,20.0s,MS4.6					
LSA					14 34 41.4	+0.5	TLY	comp=Z,972nm,23.0s,MS4.7			P	CTAO	comp=Z,22nm,0.9s,mb5.2					
LSA					14 34 45.0	-0.1	TLY	Talaya	44.29 9	iP	P	YAK	Yakutsk	60.07 19	eP	P	14 39 13.9	-2.5
LSA					14 39 43.1		TLY	comp=Z,119nm,21.0s			LR	YAK						
LSA					14 34 49.1	+0.7	IRK	Irkutsk	44.93 10	eP	P	YAK	comp=Z,24nm,1.0s,mb5.2					
LSA					14 34 48.8	-0.9	IRK	comp=Z,49nm,0.9s,mb5.4			P	YAK	comp=N,8.0nm,1.0s					
LSA					14 34 48.8	-0.9	IRK	SNR=17			P	YAK	comp=E,7.0nm,1.1s					
LSA					14 34 48.8	-0.9	MUN	Mundaring	45.49 152	eP	P	YAK	comp=Z,5.0nm,0.9s,mb4.5					
LSA					14 34 53.9	+0.6	MUN	comp=Z,43nm,1.0s,mb5.2			P	YAK	comp=N,5.0nm,1.0s					
LSA					14 35 09.1	+1.8	MUN				P	YAK	comp=E,4.0nm,1.1s					
LSA					14 35 12.9		KLBR	Kellerberrin	45.90 150	eP	P	YAK	comp=N,6.0nm,1.0s					
LSA					14 35 14.6	+1.2	HIA	Hailar	46.67 24	eP	P	YAK	comp=Z,9.0nm,1.2s					
LSA					14 40 10.7	+7.9	HIA	comp=Z,71nm,0.9s,mb5.6			P	YAK	comp=E,49nm,0.8s,mb5.6					
LSA					14 35 14.6	+1.2	HIA				P	YAK	comp=Z,913nm,19.0s,MS4.9					
LSA					14 40 10.7	+7.9	HIA	comp=Z,1µm,20.0s,MS4.9			P	ANN	Anapa	60.37 317	eP	P	14 39 24.8	+6.1
LSA					14 36 22.4	-3.7	NWAO	Naroin (SRO)	46.76 152	eP	P	ANN	comp=Z,24nm,1.0s,mb5.2					
LSA					14 40 07.5	+3.7	NWAO	comp=Z,23nm,0.8s,mb5.2			P	CSS	Prodromos	60.82 306	eP	P	14 39 20.7	-1.2
LSA					14 41 43.4	+4.6	NWAO	comp=Z,815nm,21.0s,MS4.7			P	STKA	Stevens Creek	60.90 133	eP	P	14 39 21.6	-0.9
LSA					14 41 43.4	+4.6	NVS	Novosibirsk	47.30 352	iP	P	BR131	Keskin Array S	61.61 311	PFAKE	LR	14 39 40.0	+1.3
LSA					14 41 43.4	+4.6	NVS	comp=N,51nm,0.8s			P	BR131	comp=Z,392nm,22.0s,MS4.5					
LSA					14 41 43.4	+4.6	NVS	comp=E,37nm,0.8s			P	SIM	Simferopol	62.66 317	eP	P	14 39 32.6	-1.5
LSA					14 41 43.4	+4.6	NVS	comp=Z,122nm,0.8s,mb5.9			P	SIM	comp=Z,40nm,0.9s,mb5.5					
LSA					14 41 43.4	+4.6	NVS	comp=N,32nm,2.1s			P	SIM	comp=Z,770nm,25.0s,MS4.8					
LSA					14 41 43.4	+4.6	NVS	comp=E,56nm,2.1s			P	MBAR	Mbarara	62.89 265	eP	P	14 39 33.6	-2.5
LSA					14 41 43.4	+4.6	NVS	comp=N,32nm,2.1s			P	MBAR	Mbarara	62.89 265	eP	P	14 39 36.0	-0.1
LSA					14 41 43.4	+4.6	NVS	comp=Z,22nm,0.9s,mb5.2			P	MBAR	comp=Z,22nm,1.3s,mb5.1					
LSA					14 41 43.4	+4.6	NVS	comp=Z,913nm,19.0s,MS4.9			P	MOS	Moscow	64.43 329	eP	P	14 39 57.1	-1.7
LSA					14 41 43.4	+4.6	NVS	comp=Z,102nm,1.3s,mb5.7			P	MOS	comp=Z,102nm,1.3s,mb5.7					
LSA					14 41 43.4	+4.6	NVS	comp=N,6.0nm,1.0s			P	OBN	Obninsk	64.72 32				

CFR Caraliu	66.81 316	i/P	P	14 39 59.9	-1.0	
CFR Caraliu	66.81 316	i/P	P	14 39 59.9	-1.0	
MA2 Magadan	66.98 28	eP	P	14 40 01.2	-0.5	
MA2		ePPP	P	14 44 02.8	-5.5	
MA2		eS	PS	14 48 49.6	+0.5	
MA2		ePS	PS	14 49 19.6	+0.4	
MA2	comp-Z,300nm,16.0s,MS4.6		pmx			
MA2	comp-Z,60nm,0.8s,mb5.7		MLR			
MA2	comp-Z,1um,21.0s,MS5.2		MLR			
MA2 Magadan	66.98 28	eP	P	14 40 00.9	-0.8	
MA2	comp-Z,78nm,0.8s,mb5.8					
MA2	comp-Z,499nm,19.0s,MS4.8		LR			
TIXI Tiksi	67.19 12	i/P	P	14 40 01.7	-1.2	
TIXI	comp-Z,75nm,0.8s,mb5.8		pmx			
TIXI	comp-Z,559nm,20.0s,MS4.8		MLR			
TIXI Tiksi	67.19 12	i/P	P	14 39 58.7	-4.2	
TIXI	comp-Z,665nm,20.0s,MS4.9		LR			
ARMA Armidate	67.80 127	i/P	P	14 40 06.8	+1.4	
ISR Istra	67.91 315	i/P	P	14 40 22.0	+0.8	
VRI Vriociaia	67.93 316	i/P	P	14 40 07.8	0.0	
VRI Vriociaia	67.93 316	i/P	P	14 40 07.8	-0.1	
LSZ Lusaka	68.51 250	eP	P	14 40 12.8	+0.8	
LSZ	comp-Z,39nm,1.4s,mb5.2		e			
LSZ			pP	14 40 26.3	+0.9	
RZN Rozhen	68.64 312	eP	P	14 40 11.0	-1.4	
PET Petropavlovsk	68.88 36	i/P	P	14 40 11.0	-2.6	
PET			LR			
KKB Krupnik	69.88 312	eP	P	14 40 17.0	-3.0	
VTS Vitoshka	69.88 312	eP	P	14 40 19.0	-1.0	
JOF Joensuu	70.27 335	eP	P	14 40 19.2	-2.8	
JOF	comp-Z,8.8nm,0.7s,mb4.8					
JOF	comp-Z,72.7335	eP	P	14 40 19.2	-2.8	
JOF	comp-Z,9.0nm,0.7s,mb4.8		pmx			
BOLS Bolievac	70.94 314	i/P	P	14 40 26.0	-0.4	
VSU Vasuta	70.94 329	i/P	P	14 40 23.7	-2.5	
SKO Skopje	71.11 312	i/P	P	14 40 25.3	-2.1	
SKO			pP	14 40 38.8	-2.1	
APA Apatity	71.33 339	i/P	P	14 40 27.4	-0.9	
APA			pP	14 40 45.8	+4.0	
APA	comp-Z,11nm,0.7s,mb4.9		pmx			
KOLS Kolonick sedl	71.45 319	i/P	P	14 40 30.5	+1.1	
WAKE Wake Island	71.76 72	PFAKE	LR	14 40 40.0	+8.3	
WAKE	comp-Z,151um,22.0s		LR			
SUW Suwalki	71.81 324	eP	P	14 40 30.2	-1.2	
SUW	comp-Z,500nm,22.7s,MS4.7		e			
SUW	Suwalki	71.81 324	eP	P	14 40 30.2	-1.2
SUW			pP	14 40 45.1	+0.2	
SUW			pP	14 40 30.2	-1.2	
SUW			pP	14 40 45.1	+0.2	
SUW			MLR	15 12 58.3		
CRVS Cervenicka-Dubn	71.98 319	eP	P	14 40 33.0	+0.5	
KAF Kangasniemi	72.19 333	eP	P	14 40 34.1	+0.6	
KAF	comp-Z,4.8nm,0.6s,mb4.6					
KAF	Kangasniemi	72.19 333	eP	P	14 40 34.1	+0.6
KAF	comp-Z,5.0nm,0.6s,mb4.6		pmx			
DIVS Divicbare	72.39 314	i/P	P	14 40 33.9	-1.1	
NIE Niedzica	72.80 319	eP	P	14 40 39.0	+1.7	
PSZ Piszkesteto	72.88 318	eP	P	14 40 36.5	-1.4	
PSZ	comp-Z,9.0nm,1.2s,mb4.8					
PSZ	Piszkesteto	72.88 318	eP	P	14 40 37.3	-0.6
OJC Ojcow	73.23 320	eP	P	14 40 39.7	-0.2	
OJC Ojcow	73.23 320	eP	P	14 40 39.7	-0.2	
OJC Ojcow	73.23 320	eP	P	14 40 39.7	-0.2	
LBTB Lobatse	73.57 241	eP	P	14 40 43.2	+0.8	
LBTB	comp-Z,45nm,1.0s,mb5.3		e			
LBTB			pP	14 40 57.1	+1.2	
YYHS Vyhne	73.65 318	eP	P	14 40 41.7	-0.7	
SRO Srobarova	73.93 317	eP	P	14 40 44.4	+0.4	
SRO			pP	14 40 59.0	+1.5	
OKC Ostrava-Krasne	74.25 319	eP	P	14 40 45.8	0.0	
OKC			pP	14 40 58.8	-0.5	
TIP Timpagrande	74.46 308	eP	P	14 40 46.7	-0.6	
MORC Moravsky Berou	74.53 319	eP	P	14 40 46.6	-1.4	
MORC	comp-Z,12nm,1.0s,mb4.8					
ZST Bratislava	74.77 318	eP	P	14 40 48.5	-0.4	
ZST			pP	14 41 02.8	+0.4	
BOSA Boshof	74.95 238	eP	P	14 40 51.3	+1.0	
BOSA	comp-Z,52nm,1.2s,mb5.3		e			
BOSA			pP	14 41 04.6	+0.7	
CASY Casey	75.25 173	PFAKE	LR	14 41 00.0	+8.7	
CASY	comp-Z,1um,19.0s,MS5.2		LR			
DPC Dobruska-Polom	75.46 320	eP	P	14 40 52.9	+0.1	
DPC			pP	14 41 06.9	+0.6	
KSP Ksiaz	75.53 320	eP	P	14 40 53.1	0.0	
KSP			pP	14 41 06.0	-0.7	
KSP			eP	14 41 15.8		
KSP			eP	14 41 21.6		
KSP Ksiaz	75.53 320	eP	P	14 40 53.3	+0.2	
KSP			pP	14 41 06.5	-0.1	
KSP			MLR	15 19 13.7		
UPC Upec	75.67 320	eP	P	14 40 55.5	+1.5	
UPC			pP	14 41 08.9	+1.4	
PERS Pernice	76.01 316	eP	P	14 40 55.9	-0.1	
BILL Bilibino	76.21 22	eP	P	14 40 55.5	-0.2	
BILL	comp-Z,21nm,0.8s,mb5.1					
BILL	comp-Z,17nm,0.8s,mb5.0		LR			
BILL	comp-Z,738nm,20.0s,MS5.0		LR			
PRU Pruhonice	76.58 319	eP	P	14 40 59.2	+0.1	
PRU			pP	14 41 13.5	+0.8	
PVCC Panska Ves	76.59 320	eP	P	14 41 01.0	+1.8	
VOY Vojsko	76.83 315	e(P)	P	14 41 00.5	-0.1	
VOY			pP	14 41 12.2	-2.0	
BRG Berggiesshubel	77.01 320	eP	P	14 41 01.5	-0.1	
BRG			pP	14 41 01.5	+1.1	
BRG	comp-Z,13nm,1.0s,mb4.8		pmx			
BRG	Berggiesshubel	77.01 320	eP	P	14 41 01.5	-0.1
BRG	comp-Z,13nm,1.0s,mb4.8					
BRG			iP	14 41 16.2	+1.1	
GERES Geres Array S	77.07 318	eP	P	14 41 01.9	0.0	
GERES	comp-Z,9.0nm,0.9s,mb4.7		pmx			
GERES	Geres Array S	77.07 318	eP	P	14 41 01.9	0.0
GERES	comp-Z,9.0nm,0.9s,mb4.7					
KHC Kasperske Hory	77.16 318	eP	P	14 41 01.7	-0.7	
KHC			pP	14 41 16.2	+0.2	
RUE Ruedersdorf	77.21 322	eP	P	14 41 01.3	-1.3	
RUE			pP	14 41 05.0	0.0	
WET Wetzell	77.62 318	eP	P	14 41 04.0	-1.0	
WET	comp-Z,36nm,1.0s,mb5.3					
WET	Wetzell	77.62 318	eP	P	14 41 04.0	-1.0
WET			pP	14 41 18.6	+0.1	
WET			pP	14 41 04.0	-1.0	
WET			sP	14 41 18.6	-5.1	
NKC Novy Kostel	77.94 320	eP	P	14 41 06.0	-0.7	
NKC			pP	14 41 21.3	+1.0	
SMY Shemya	78.07 38	PFAKE	LR	14 40 20.0	+1.3	
SMY	comp-Z,4um,21.0s,MS5.7					
MOX Moxa	78.48 320	eP	P	14 41 10.9	+1.2	
MOX	comp-Z,22nm,1.4s,mb4.9		pmx			
MOX	Moxa	78.48 320	eP	P	14 41 10.9	+1.2
MOX	comp-Z,22nm,1.4s,mb4.9					
MOX	Moxa	78.48 320	i/P	P	14 41 10.9	+1.2
MOX	comp-Z,logAT=1.2,mb4.9					
MAW Mawson	78.57 191	P	P	14 41 10.5	+0.7	
MAW	comp-Z,7.6nm,0.5s,mb4.9					
FUR Furstenfeldbru	78.66 317	eP	P	14 41 10.3	-0.4	

GRA1 Grafenberg Arr	78.72 319	eP	P	14 41 11.4	+0.4	
GRA1	comp-Z,32nm,1.6s,mb5.0					
GRA1	Grafenberg Arr	78.72 319	eP	P	14 41 26.2	+1.6
GRA1			pP	14 41 11.4	+0.4	
GRA1			pP	14 41 26.2	+1.6	
GRA1			pmx			
GRA1	comp-Z,32nm,1.6s,mb5.0					
GRA1	Grafenberg Arr	78.72 319	eP	P	14 41 11.4	+0.4
GRA1	comp-Z,32nm,1.6s,mb5.0					
GRF NORSAR Subarra	79.10 331	e	P	14 41 26.2	+1.6	
GRF	comp-Z,0.6nm,0.5s,baz=95,slow=6.2					
GRF	Clausthal	79.28 321	eP	P	14 41 11.1	-0.9
CLZ Clausthal	79.28 321	eP	P	14 41 11.1	+0.1	
BSEG Bad Segeberg	79.34 323	eP	P	14 41 15.5	+1.2	
MUD Monsted U'grnd	80.03 326	i/P	P	14 41 34.7	+3.1	
MUD	comp-Z,28nm,0.8s,mb5.2					
MUD	Monsted U'grnd	80.03 326	i/P	P	14 41 34.7	+3.1
MUD	comp-Z,28nm,0.8s		pP	14 41 34.7	+3.1	
LPG La Plagne	81.83 315	eP	P	14 41 28.0	+0.3	
LPG	comp-Z,5.7nm,0.8s,mb5.2					
BNI Bardonecchia	81.91 314	eP	P	14 41 27.8	-0.3	
BNI	comp-Z,8.1nm,0.8s,mb4.7					
EMIR Emir	85.93 312	eP	P	14 42 03.7	+1.5	
EGRA Egra	86.79 312	eP	P	14 42 08.1	+1.7	
EBIE Bielsa	86.84 312	eP	P	14 42 07.8	+1.1	
DAG Danmarks Havn	87.07 348	eP	P	14 41 53.5	+0.3	
DAG	comp-Z,9.0nm,0.8s,mb5.0		pmx			
DAG	Danmarks Havn	87.07 348	eP	P	14 41 53.5	+0.3
DAG	comp-Z,9.0nm,0.8s,mb5.0					
DAG	Danmarks Havn	87.07 348	i/P	P	14 41 53.5	+0.3
EMOS Mosqueruela	87.64 310	eP	P	14 42 10.8	+0.2	
EALK Alkurrueta	87.96 313	eP	P	14 42 10.9	-1.2	
EMUR La Murta	88.61 308	eP	P	14 42 15.5	+0.1	
EQES Quesada	90.05 308	eP	P	14 42 22.0	-0.1	
EBER Berja	90.07 307	eP	P	14 42 20.7	-1.5	
GUD Guadarrama	90.36 311	eP	P	14 42 11.5	+1.9	
GUD	comp-Z,5.6nm,0.9s,mb4.8					
ESD Sonsea Array	90.39 310	P	P	14 42 11.3	+1.5	
ESD	comp-Z,3.4nm,1.0s,mb4.6					
ESLA Sonsea Array	90.39 310	PFAKE	LR	14 42 20.0	+1.0	
ESLA			LR			
ELUO Luque	91.03 308	eP	P	14 42 26.3	-0.5	
EADA Adamaz	91.15 309	eP	P	14 42 26.0	-1.4	
EMIJ Mijas	91.61 307	eP	P	14 42 28.8	-0.7	
IMA Imbabura	91.75 22	eP	P	14 42 16.5	+1.0	
IMA	comp-Z,69nm,0.8s,mb4.8					
ECAL Calabar	92.00 313	eP	P	14 42 34.8	+3.7	
EINC Incio	92.28 313	eP	P	14 42 32.9	+0.5	
EBAD Badajoz	92.90 310	eP	P	14 42 34.0	-1.4	
VNDA Vanda	93.33 168	eP	P	14 42 22.5	0.0	
VNDA	comp-Z,3.7nm,0.9s,mb4.8					
VNDA			LR			
SBA Scott Base	94.43 168	PFAKE	LR	14 42 40.0		

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

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

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

NEIC 01 14:48:22.3, 38.69N-26.83E, h29km, MD3.5(ATH), ML3.7(ISK), After ISK.

CSEM 01 14:48:22.1, 0.1, 38.75N-26.83E, h20km, MD3.6, Error ellipse: s-maj=1.6km s-min=1.2km az=60.0

ISK 01 14:48:22.3, 38.69N-26.82E, h30km, MD3.6, ML3.7

ATH 01 14:48:22.3, 38.69N-26.82E, h29km, MD3.5

ISC 01 14:48:22.0, 0.5, 38.75N-0.03-26.81E-0.04, h23km, 5km, n85, c089/101, 4C-2D, Aegean Sea

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

NEIC 01 15:40:14.5, 1.2, 17.69S-178.57W, h589km, 15km, mb4.3/14, Error ellipse: s-maj=29.2km s-min=12.3km az=153.0

ISC 01 15:40:13.9, 1.3, 17.85S-0.2-178.5W-0.1, h607km, 18km, n24, c112/17, mb4.2/13, 1C-1D, Fiji Islands region

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

BUI 01 16:02:52.8, 4.90N-94.46E, h48km, mb5.2, mb4.8, Ms4.4, Ms2.2

NEIC 01 16:02:54.8, 3.2, 5.32N-94.48E, h27km, 22km, mb4.8/39, Error ellipse: s-maj=9.8km s-min=7.1km az=191.0

MOS 01 16:02:58.0, 1.2, 6.03N-94.19E, h33km, mb4.9/15, Error ellipse: s-maj=23.0km s-min=9.0km az=120.9

ISC 01 16:02:56.0, 0.4, 5.40N-0.06-94.56E-0.05, h49km, h49km, 2.3km, p-P, n127, c119/128, mb4.8/50, Ms4.2/5, 9C-2D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CM31, PALK, VIS, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like UCH Uchter, TKM2 Tokmak 2, KBK Karagobdulak, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like GRF Grafenberg Arr, GRF Grafenberg Arr, CLZ Clausthal, etc.

MOS 01 16:15:35.40,5,41.10N:48.95E,h29km,mb4.1/1,1C, Error ellipse: s-maj=95.6km s-min=35.1km az=43.3, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like AKT Akhty, DRN Derbent, KMKR Kumukh, etc.

NIED 01 16:30:00,35.90N:137.60E,h5km,Mw4.0 Best double couple: Mo1.32x10^15 NP1=20°,δ52°,λ92°. NP2=196°,δ38°,λ87°

JMA 01 16:30:26.5,35.87N:137.58E,h6km,M4.2 Broadband fault plane solution: P waves: NP1=20°,δ42°,λ86°, NP2=27°,δ48°,λ94°. Principal axes: T Plog8°, Azm336°; N Plog3°, Azm205°; P Plog3°, Azm115°; JMA Felt III, J

ISC 01 16:30:26.0,7.3587N:104.13759E,0.06,h6km,n7, az=27/10,1C-5D,Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like GJF Kuroka, JGN Niukaw, JGM Miyama, etc.

IGQ 01 16:35:45.6,1.76S:77.56W,h5km,2km,mb4.0,4C-11D, Error ellipse: s-maj=3.4km s-min=2.2km az=72.9, Null plane solution: P waves: NP1=20°,δ42°,λ86°, NP2=27°,δ48°,λ94°. Principal axes: T Plog8°, Azm336°; N Plog3°, Azm205°; P Plog3°, Azm115°; JMA Felt III, J

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like ULBA Ulba, PATA Patacocha, RANT Rantun, etc.

NEIC 01 16:42:34.8, 15.78N:61.45W, h29km, MD3.6 (TRN), After TRN

TRN 01 16:42:33.6, 15.87N:61.45W, h15km, MD3.6, M2.8 (FDF), MD3.0 (FDF), 3C-7D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SCG Saint Claude, DWS Wesley, BBL Barber's Block, etc.

BUI 01 17:06:31.8, 10.86N:91.61E, h54km, mb5.1, mb4.4, Ms4.3

NEIC 01 17:06:32.9, 0.7, 11.28N:91.43E, h30km, mb4.6/18, Error ellipse: s-maj=18.2km s-min=16.8km az=171.0, ISC 01 17:06:31.2, 0.6, 11.04N:0.08:91.36E:0.09, h30km, FDF (h25km, 4km-p-P), n38, λ=128/40, mb4.5/18, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like PBA Port Blair, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like VIS comp=Z,9.4nm,0.6s, VIS BWNR Bhubaneswar, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, BJT Baijiatuu, ULN Ulanbaatar, etc.

BUI 01 17:28:17.9, 8.70N:92.15E, h24km, mb5.1, mb4.9, Ms4.4, Ms4.2

NEIC 01 17:28:03.3, 2.8, 7.0N:92.14E, h26km, 22km, mb4.8/20, Error ellipse: s-maj=13.1km s-min=8.9km az=169.0, ISC 01 17:28:02.0, 0.5, 8.78N:0.06:92.15E:0.04, h33km, n72, λ=129/77, mb4.8/20, MS4.1/3, 2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like NST Nakhon Sawan, PALK Pallekele, CM31 Chiang Mai Arr, etc.

Table of astronomical observations for 2005 JAN, columns include station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2005 JAN, columns include station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 1d 20h, columns include station name, coordinates, magnitude, and other parameters.

GRAM	79.89 314	P	P	22 40 22.5	-0.1
DAVA	Damuels 80.03 317	iP	P	22 40 22.9	-0.4
CODM	80.05 314	P	P	22 40 23.0	-0.5
STU	Stuttgart 80.50 318	eP	P	22 40 24.0	-1.7
MUD	Monsted U'grnd 80.61 326	iP	pP	22 40 34.6	+0.6
PGF	Pioggiola 80.69 312	P	P	22 40 27.2	+0.3
TOD	Troms 80.75 319	eP	pP	22 40 34.3	-0.6
PCP	Pian Castagno 80.98 314	P	P	22 40 27.9	-0.5
BFO	Black Forest 81.08 318	eP	P	22 40 28.3	-0.5
BFO	comp-Z,35nm,1.2s,mb5.2		pmax		
BFO	Black Forest 81.08 318	eP	P	22 40 28.3	-0.5
FIN	Finale Ligure 81.23 314	P	P	22 40 28.9	-0.8
FELD	Feldberg 81.30 317	eP	P	22 40 32.8	+2.8
ORX	Oropa 81.36 315	P	P	22 40 28.8	-1.6
STR	Lansenberg 81.41 318	eP	P	22 40 31.9	+1.3
STR	Strasbourg 81.43 318	eP	P	22 40 34.1	+3.4
IMI	Imperia 81.47 313	P	P	22 40 30.1	-0.8
ROB	Roburent 81.47 314	P	P	22 40 30.2	-0.7
TRAV	81.52 315	P	P	22 40 29.9	-1.3
MONC	Monesi 81.56 313	P	P	22 40 30.7	-0.7
ABH	Alteburg 81.59 319	eP	P	22 40 31.9	+1.8
NEGI	Negi 81.60 313	P	P	22 40 31.4	-0.2
SAOF	Saorge 81.70 313	eP	P	22 40 35.5	+3.3
WLS	Welschbruch 81.72 318	eP	P	22 40 36.8	+4.6
CDF	Champ du Feu 81.78 318	eP	P	22 40 32.8	+0.4
ENR	Entraque 81.79 314	P	P	22 40 32.3	-0.3
SFB	Sospel 81.80 313	eP	P	22 40 33.4	+0.8
AUTN	L'Aution 81.80 313	eP	P	22 40 37.5	+4.9
ECH	Enery 81.88 318	eP	P	22 40 34.2	+1.3
STV	Sia Anna Valdi 81.88 314	P	P	22 40 32.5	-0.5
RSP	Reno Superiore 81.88 315	P	P	22 40 32.8	-0.3
BHB	Bricherasio 81.89 314	P	P	22 40 31.6	-1.5
MOF	Molkenrain 81.89 317	eP	P	22 40 34.5	+1.5
TOUF	Mont Tournaire 81.92 313	eP	P	22 40 37.3	+4.0
LSJD	Ceresole Reale 81.92 313	eP	P	22 40 34.3	+0.2
MVIF	Mont Vial 82.00 313	eP	P	22 40 35.6	+1.9
PZZ	Prazzo 82.01 314	P	P	22 40 32.9	-0.9
FENE	Fenestrelle 82.02 314	P	P	22 40 32.6	-1.2
LUMF	Lumont 82.11 317	eP	P	22 40 33.0	-1.2
SUIR	Saint Urs 82.22 314	eP	P	22 40 35.7	+0.9
RRL	Cesana Torines 82.24 314	eP	P	22 40 34.3	+0.6
LPG	La Plagne 82.25 315	eP	P	22 40 34.0	-0.8
MBDF	Montbardonn 82.24 314	eP	P	22 40 34.5	-0.4
OGD1	Vachresse 82.24 316	eP	P	22 40 40.9	+6.0
BNI	Bardonecchia 82.29 314	eP	P	22 40 34.2	-1.0
HAU	Haudompre 82.41 317	eP	P	22 40 35.4	-0.3
OG25	Le Claire 82.75 314	eP	P	22 40 38.1	+0.5
BAIF	Baives 83.72 320	eP	P	22 40 42.1	-0.3
SSF	Saint Sauge 84.38 317	eP	P	22 40 45.1	-0.8
PLDF	La Plantade 84.39 316	eP	P	22 40 46.8	+0.9
LBL	Lubilhac 84.71 315	eP	P	22 40 50.8	+3.3
PYM	Petit Puy Mans 84.83 315	eP	P	22 40 51.3	+3.2
BGF	Bois d'Agland 84.88 316	eP	P	22 40 48.0	-0.3
RJF	Les Rejaudoux 85.92 315	eP	P	22 40 53.1	-0.5
EMIR	Miracle 86.26 312	P	P	22 40 56.8	+1.4
EPOB	Poble 86.66 311	P	P	22 40 59.9	+2.6
FLN	La Foliniere 86.89 319	eP	P	22 40 58.0	-0.2
EGRA	Graus 87.13 312	P	P	22 41 02.3	+2.7
EBR	Ebro Roquetes 87.16 311	eP	P	22 41 03.3	+3.5
EBIE	Bielsa 87.19 312	P	P	22 41 01.1	+1.2
ERTA	Horta de San J 87.26 311	P	P	22 41 02.2	+1.9
ETSF	Etsaut 87.68 313	eP	P	22 41 01.9	-0.3
ESAC	San Capisio 87.72 312	P	P	22 41 03.9	+1.3
EMOS	Mosqueruela 87.94 310	P	P	22 41 06.3	+2.8
EBEN	Beniarra 87.97 309	P	P	22 41 05.5	+1.8
ENIJ	Nijar 87.96 307	P	P	22 41 14.7	+2.5
EBER	Berja 90.32 307	P	P	22 41 17.9	+3.1
EQES	Quesada 90.32 308	P	P	22 41 16.8	+2.0
GUD	Guadarrama 90.68 311	P	P	22 41 18.4	+2.0
ESDC	Sonsea Array 90.70 310	P	P	22 41 17.6	+1.0
ESLA	Sonsea Array 90.70 310	eP	P	22 41 16.5	0.0
ESLA	comp-Z,2um,19.0s,MS5.6		LR		
EBAN	Banos Encina 90.81 308	P	P	22 41 18.1	+1.0
ERON	Agron 91.02 307	P	P	22 41 18.5	+0.4
ELUQ	Luque 91.29 308	P	P	22 41 19.4	+0.1
EADA	Adamuz 91.43 309	P	P	22 41 21.3	+1.4
EMIJ	Mijas 91.86 307	P	P	22 41 22.8	+0.8
EPON	Pontenova 92.36 314	eP	P	22 41 24.3	+0.2
BRBG	Bragana 92.38 312	eP	pP	22 41 33.0	+1.0
VNDA	Vanda 92.43 168	eP	P	22 41 23.4	-0.3
ESPR	Espera 92.66 307	P	P	22 41 26.3	+0.7
IMA	Indian Mountain 92.86 22	eP	P	22 41 27.6	+1.7
EMIN	Mina Concepcio 93.13 308	P	P	22 41 29.4	+1.6
EBAD	Badajoz 93.20 309	P	P	22 41 29.2	+1.2
PCBR	Castelo Branco 93.29 311	eP	P	22 41 29.3	+0.7
SBA	Sancti Base 93.53 168	P	P	22 41 29.4	+0.6
SBA	comp-Z,2.2nm,0.7s,mb4.7		LR		
COLA	Colleg 95.57 22	eP	P	22 41 39.8	+1.5
COLA	Colleg 95.57 22	eP	P	22 41 36.8	-1.5
COLA	comp-Z,3.3nm,0.8s,mb4.8		LR		
SPU	Mount Spurr 95.59 26	eP	P	22 41 40.4	+1.9
MCK	McKinley 95.72 23	eP	P	22 41 39.7	+0.7
MCK	comp-Z,1.2nm,22.0s,MS5.3		LR		
PWA	Palmer West 96.31 25	eP	P	22 41 44.1	+2.3
SLKM	Skialak Lake 96.69 26	eP	P	22 41 42.7	-0.8
DBIC	Dimbokro 96.72 278	eP	P	22 41 44.7	-0.1
DBIC	comp-Z,45nm,1.5s,mb5.7		LR		
SML	Sawmill 96.89 25	eP	P	22 41 46.5	+2.2
QSPA	South Pole Qui 96.99 180	iP	pP	22 41 53.6	+1.3
SNA	Sanae 98.45 199	P	P	22 41 50.9	-0.9
SNA	Sanae 98.45 199	eP	P	22 41 51.7	+0.5
SNA	Sanae 98.45 199	eP	P	22 41 52.8	+1.6
EYAK	Cordova Ski Ar 98.60 25	P	P	22 41 53.8	+1.7
VNA2	Neymayer-Watz 99.98 199	P	P	22 41 52.6	-5.6
TBI	Tubuai 118.23 113	eP	PS	22 57 56.0	-6.2
TBI	comp-Z,605nm,25.5s		eLR	23 22 29.5	
PPT	Papeete 118.42 106	eP	PS	22 48 09.5	-1.3
PPT	comp-Z,638nm,23.0s		eLR	22 58 05.0	+1.0
NEW	Newport 118.93 22	PFAKE	P	22 47 10.0	+4.5

NEW	comp-Z,1um,19.0s,MS5.6		LR			
HUMO	Hull Mountain 120.81	30	ePKPdf	PKPdf	22 47 07.4	-1.9
HUMO	comp-Z,723nm,20.0s,MS5.3		LR			
MSO	Missoula 121.31	21	ePKPdf	PKPdf	22 47 07.0	-3.1
CHMT	Chamberlain Mo 121.48	21	ePKPdf	PKPdf	22 47 07.6	-2.9
MOD	Modoc 122.64	29	ePKPdf	PKPdf	22 47 09.7	-3.1
WVOR	Wild Horse Val 123.00	27	ePKPdf	PKPdf	22 47 11.1	-2.3
WVOR	comp-Z,583nm,22.8s		eP	LR	22 48 52.9	+0.2
BOZ	Bozeman (W) 123.14	20	ePKPdf	PKPdf	22 47 10.2	-3.5
LAO	LASA Array 123.86	16	ePKPdf	PKPdf	22 47 13.4	-1.7
YFT	Old Faithful 124.46	20	ePKPdf	PKPdf	22 47 16.0	-0.3
IMW	Indian Meadow 124.91	21	ePKPdf	PKPdf	22 47 14.8	-2.4
MOOW	Moose Ponds 125.11	21	ePKPdf	PKPdf	22 47 15.2	-2.4
TPAW	Teton Pass 125.26	21	ePKPdf	PKPdf	22 47 16.2	-1.7
LOHW	Long Hollow 125.27	21	ePKPdf	PKPdf	22 47 15.4	-2.5
WUWV	Wally Ulrich 125.29	21	ePKPdf	PKPdf	22 47 16.2	-1.7
SNOW	Snow King Mount 125.35	21	ePKPdf	PKPdf	22 47 16.8	-1.3
MNV	Mina 126.35	30	ePKPdf	PKPdf	22 47 16.9	-3.2
MTUM	Tungsten Hills 126.97	31	ePKPdf	PKPdf	22 47 19.3	-2.0
JLU	Jordanella 127.23	23	ePKPdf	PKPdf	22 47 21.3	-1.1
TRCR	Troy Canyon 127.66	28	ePKPdf	PKPdf	22 47 20.4	-2.2
NLU	North Lily Mt 127.87	24	ePKPdf	PKPdf	22 47 21.3	-1.7
RWA	Riverwalk 128.13	19	ePKPdf	PKPdf	22 47 21.8	-1.7
MVU	Marysville 129.04	25	ePKPdf	PKPdf	22 47 24.7	-0.6
MSU	Marysville 129.05	25	ePKPdf	PKPdf	22 47 23.8	-1.5
RSW	Ridgway 131.04	21	ePKPdf	PKPdf	22 47 25.9	-3.2
RKT	Rikitea 131.46	115	eLR	LR	23 29 20.4	
SDCO	Great Sand Dun 132.25	20	PFAKE	LR	22 47 40.0	+6.6
ANMO	Albuquerque 134.42	22	ePKPdf	PKPdf	22 47 33.7	-1.8
ANMO	comp-Z,1.2um,21.0s,MS5.7		eSKP	LR	22 51 02.5	
ANMO	comp-Z,831nm,20.0s,MS5.5		LR			
TUC	Tucson 134.84	29	ePKPdf	PKPdf	22 47 34.9	-1.6
WMOK	Wichita Mounta 137.00	14	ePKPpre	LR	22 47 25.4	
WMOK	comp-Z,1um,19.0s,MS5.7		LR			
WVT	Waverly 137.02	1	ePKPpre	LR	22 47 36.5	
MNTX	Cornudas Mount 137.71	23	ePKPpre	LR	22 47 34.8	
MIR	Mount Ida 138.17	8	ePKPpre	LR	22 47 30.5	
MIAR	Mountain 140.49	23	ePKPpre	PKPdf	22 47 39.7	-2.8
LTX	Lajitas 140.49	23	ePKPpre	LR	22 47 43.2	-3.6
LTX	comp-Z,774nm,19.0s,MS5.5		LR			
JCT	Junction City 140.75	17	ePKPpre	PKPdf	22 47 39.4	
JCT	comp-Z,583nm,22.8s		eP	LR	22 47 45.9	-1.4
TROA	Tornquist 141.62	21	PFAKE	LR	22 48 00.0	+1.1
TROA	comp-Z,1um,20.0s,MS5.7		LR			
FEH	Farellones 149.53 209	iP	PKPdf	PKPdf	22 48 05.0	+2.9
TEG	Tepich 152.85	2	ePKPpre	PKPdf	22 48 05.9	-1.4
LVC	Limon Verde 156.56 227	eP	PKPab	PKPab	22 48 12.4	+0.1
LVC	comp-Z,692nm,19.0s,MS5.5		ePKPab	LR	22 48 40.0	+0.9
SDV	Santo Domingo 157.10 314	PFAKE	LR	LR	22 48 20.0	+6.8
SDV	comp-Z,871nm,21.0s,MS5.6		LR			
LPAZ	La Paz 159.21 242	ePKPdf	PKPdf	PKPdf	22 48 13.8	-1.9
OTAV	Otavalo 168.63 309	ePKPdf	PKPdf	PKPdf	22 48 21.9	-2.4

BJI 01 22:40:42.5, 8.05N:92.48E, h30km, mb5.7, mb4.7, Ms5.5, HRVD 01 22:40:51.0, 4.0, 4.8, 33N:92.42E, h18km, 1km, MW5.2/58, Centroid moment Tensor Solution. LP body waves: s18, c20; Mantle waves: s58, c10s; Half duration: 1s0 Moment tensor: Scale 10^16Nm; Mw=0.04±.28; Mw=4.81±.20; Mw=4.86±.24; Mw=0.26±.50; Mw=4.73±.20; Mw=3.49±.67; Best double couple: Mw7.542x10^16 NP1: 0±111°, 867°, λ171°. NP2: 204°, 882°, λ23°. Principal axes: T: 8.154, P1g22°, Azm70°; N: -1.218, P1g65°, Azm233°; P: -6.93, P1g10°, Azm335°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 01 22:40:51.0, 4.0, 9.03N:92.63E, h30km, mb5.0/43 Error ellipse: s-maj=15.5km s-min=9.1km az=136.0

ISC 01 22:40:49.2, 0.4, 9.10N, 0.07E, 92.58E, 0.05, h30km, (h32km, 2.8km; p-P), N100, e195270, mb5.0/39, 1C-1D, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CM31	Chiang Mai Arr	11.16	33	Op	22 43 34.4	+4.4
BWNR	Bhubaneswar	12.91	330	eP	22 43 49.7	-3.8
BWNR	comp=N, 423nm, 0.3s			e	22 43 53.1	
BWNR	comp=E, 106nm, 0.4s			e	22 44 33.5	
KOD	Kodaikanal	14.94	276	eP	22 44 29.5	+9.2
KOD	comp-Z, 45nm, 0.8s			e	22 44 36.2	+9.3
TRD	Imphal	15.65	5	eP	22 44 39.3	+10
HYB	Hyderabad	15.95	303	iP	22 44 33.0	-0.3
HYB	SHL	16.39	358	eP	22 47 31.0	+1.9
MNG	Mangalore	17.84	284	eP	22 44 43.7	+4.8
MNGI	comp-Z, 76nm, 1.5s			e	22 45 08.8	+12
GOA	Goa	19.39	291	eP	22 45 19.1	+3.3
GOA	comp-Z, 72nm, 1.2s			e	22 45 27.8	
QIZ	Qiongzong	19.42	58	eP	22 45 16.9	+0.8
QIZ	Qiongzong	19.42	58	eP	22 45 16.2	+0.1
BHPL	Bhopal	20.21	316	eP	22 45 25.9	+1.3
BHPL	comp-Z, 121nm, 1.9s			AMB	22 45 29.3	
BHPL	comp-Z, 122nm, 2.0s					

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML, MK31, MK31, etc.

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

WEL 01 23:14:11.8,0.4,38.315-175.96E,h189km,3km,ML3.6/7, 2C, Error ellipse: s-maj=3.8km s-min=3.2km az=0.0, North Island

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

JMA 01 23:20:30.3,0.2,27.57N-143.29E,h4km, M4.1, Bonin Islands region

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

GRAL 01 23:25:13.7,1.4,33.14N-35.87E,h15km,999km,MD2.9 CSEM 01 23:25:13.7,33.14N-35.87E,h15km,ML2.9, After GRAL GII 01 23:25:16.3,2.4,33.25N-35.79E,h1km,8km,ML1.9/3, Mw2.1/2

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

ISC 01 23:25:15.2,0.7,33.30N-0.02-35.85E,0.05,h1km,n16, o=82/27, Jordan - Syria region

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

ISC 01 23:26:25.3,0.3,42.5N-0.3-78.6E,0.3,h33km,n12, o=99/13,3C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULHL, ULHL, TKM2, etc.

MAN 02 00:04:51.2, 10.09N-125.48E,h186km,mb4.9,ML3.9, MS3.9

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

NNC 01 23:28:22.1,6.8,42.77N-78.60E,mpv3.8, Error ellipse: s-maj=96.9km s-min=31.2km az=148.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULHL, ULHL, TKM2, etc.

ISC 02 00:04:50.1,0.5,10.01N-0.04-125.52E,0.07,h196km,4km, n32, o=92/38,mb4.6/3,4C-6D, Leyte

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

ISC 02 00:04:50.1,0.5,10.01N-0.04-125.52E,0.07,h196km,4km, n32, o=92/38,mb4.6/3,4C-6D, Leyte

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

TLY	comp=Z,76nm,1.7s	eSg	Sg	00 29 40.5	-20
TLY		Smax		00 29 48.6	
ARS	comp=Z,2um,1.8s	eP	P	00 27 05.7	-0.6
ARS	Arshan	Pmax			
ARS	comp=Z,98nm,0.4s	ePn	P	00 27 07.5	+1.2
ARS	Arshan	ePg		00 27 43.6	+37
ARS		Fmax		00 27 58.1	
ARS	comp=Z,106nm,0.9s	eS	S	00 29 04.0	
ARS		Smax		00 29 55.7	+55
ARS				00 30 14.5	
ZAK	comp=Z,5um,1.7s	iP	P	00 27 13.7	+0.1
ZAK	Zakamensk	Pmax			
ZAK	comp=Z,59nm,1.3s	ePn	P	00 27 14.0	+0.4
ZAK	Zakamensk	ePg		00 27 54.7	+41
ZAK		Fmax		00 28 05.1	
ZAK	comp=Z,36nm,0.9s	eSg	S	00 30 12.1	+58
ZAK		Smax		00 30 27.0	
ULN	comp=Z,2um,1.6s	iP	P	00 27 15.9	-2.2
ULN	Ulanbaatar	ePn		00 27 15.8	-2.2
ULN	Ulanbaatar	P			
ULN	comp=Z,7.0nm,0.6s	eP	P	00 27 18.2	-0.2
ULN	Mondy	Pmax			
MOY	comp=Z,192nm,1.1s	eP	Pmax		
MOY		Pmax			
MOY	comp=E,7um,1.8s	ePn	P	00 27 18.2	-0.2
MOY	Mondy	eP		00 27 45.7	
MOY		eMax		00 28 40.3	
MOY	comp=E,239nm,1.0s	eSg	S	00 30 00.0	
MOY		Smax		00 30 24.0	+61
MOY				00 30 43.9	
ORL	comp=E,7um,1.5s	eP	P	00 27 20.2	-0.4
ORL	Orlik	Pmax			
ORL	comp=Z,144nm,1.4s	ePn	P	00 27 20.4	-0.2
ORL	Orlik	eMax		00 28 06.4	
ORL				00 28 08.5	
ORL	comp=Z,147nm,1.4s	eSg	S	00 30 29.0	+62
ORL		Smax		00 30 34.9	
KLR	comp=Z,3um,1.5s	eP	P	00 27 15.7	-5.9
KLR	Kul'dur	MLR			
KLR	comp=N,9um,11.0s	MLR	MLR		
KLR	comp=E,10um,11.0s	MLR	MLR		
KLR	Mudanjiang	P		00 27 58.6	-2.3
KLR		S		00 30 39.0	-0.5
KLR		PcP		00 33 18.6	-0.7
KLR		PCP		00 36 51.5	
KLR		SCP		00 36 57.0	
KLR		PcS		00 40 31.4	+3.9
KLR		SCS			
KLR		AMB			
MDJ	comp=Z,8.0nm,1.0s	AMB	AMB		
MDJ	comp=Z,407nm,6.0s	LR	LR		
MDJ	comp=N,6um,11.3s	LR	LR		
MDJ	comp=E,3um,8.4s	LR	LR		
MDJ	comp=Z,9um,8.9s	ePn	P	00 27 57.9	-3.0
MDJ	Mudanjiang	ePn			
MDJ	comp=Z,94nm,1.5s	eP	P	00 28 04.6	-2.6
MDJ	Okha	eP			
MDJ	comp=Z,1um,4.0s	iP	P	00 28 16.9	+1.0
MDJ	Shenyang	AMB			
MDJ	comp=Z,20nm,1.1s	LR	LR		
MDJ	comp=N,6um,7.7s	LR	LR		
MDJ	comp=Z,6um,12.6s	LR	LR		
MDJ	Tiksi	eS	P	00 28 14.2	-5.7
MDJ		eS		00 31 04.1	-10
MDJ		Pmax			
MDJ	comp=Z,184nm,0.8s	MLR	MLR		
MDJ	Tiksi	MLR	MLR		
VLA	comp=Z,5um,11.0s	iP	P	00 28 28.0	-0.2
VLA	Vladivostok	Pmax			
VLA	comp=Z,1um,5.0s	Pmax			
VLA	comp=N,900nm,4.0s	MLR	MLR		
VLA	comp=Z,8um,14.0s	MLR	MLR		
VLA	comp=N,6um,10.0s	MLR	MLR		
VLA	comp=E,2um,8.0s	MLR	MLR		
VLA	Uglegorsk	eP	P	00 28 29.0	-1.0
VLA		Pmax			
VLA	comp=Z,240nm,1.2s	Pmax			
VLA	comp=Z,1um,2.5s	MLR	MLR		
VLA	comp=N,8um,10.0s	MLR	MLR		
VLA	comp=E,7um,10.0s	MLR	MLR		
VLA	comp=Z,9um,10.0s	MLR	MLR		
BJT	comp=Z,74nm,1.1s	eP	P	00 28 30.9	-2.6
BJT	Baijiatuu	Pmax			
BJT	comp=Z,74nm,1.1s	ePn	P	00 28 30.9	-2.7
BJT	Baijiatuu	P			
MA2	comp=Z,77nm,1.7s	iP	P	00 28 42.5	-0.9
MA2	Magadan	Pmax			
MA2	comp=Z,1um,13.0s	MLR	MLR		
MA2	Magadan	eP	P	00 28 40.3	-3.1
MA2	comp=Z,50nm,1.1s	eP	P	00 28 53.0	+1.6
MA2	Yuzh-Sakhalins	eS	S	00 32 18.0	+6.8
YSS	comp=Z,80nm,1.5s	Pmax	Pmax		
YSS	comp=Z,1um,8.0s	Pmax	Pmax		
YSS	comp=N,500nm,6.0s	Pmax	Pmax		
YSS	comp=E,900nm,6.0s	Pmax	Pmax		
YSS	comp=N,1um,7.0s	Smax			
YSS	comp=E,800nm,9.0s	MLR	MLR		
YSS	comp=N,2um,14.0s	MLR	MLR		
YSS	comp=E,3um,14.0s	MLR	MLR		
YSS	comp=Z,4um,14.0s	MLR	MLR		
SEY	comp=N,60nm,14.0s	eP	P	00 28 48.9	-3.9
SEY	Seymchan	eS	S	00 32 07.7	-6.0
SEY	comp=Z,190nm,1.2s	Pmax	Pmax		
SEY	comp=E,120nm,1.1s	MLR	MLR		
SEY	comp=E,800nm,13.0s	MLR	MLR		
SEY	comp=Z,800nm,13.0s	MLR	MLR		
SEY	comp=N,60nm,14.0s	Zalesovo	P	00 29 01.8	+2.3
ZAL	Zalesovo	iP	P		
ZAL	comp=Z,13nm,0.8s	eP	P	00 29 05.3	-0.5
ZAL	Novosibirsk	Pmax	Pmax		
ZAL	comp=N,27nm,1.2s	Pmax	Pmax		
ZAL	comp=E,84nm,1.2s	Pmax	Pmax		
ZAL	comp=Z,106nm,1.2s	Pmax	Pmax		

INCN	Inchon	20.14 159	eP	P	00 29 12.3	-2.0	
INCN	comp=Z,65nm,1.0s						
KS15	Wonju Array Si	20.44 156	eP	P	00 29 13.1	-4.3	
TIA	Tai'an	20.52 181	P	LR	00 29 17.2	-1.1	
TIA	comp=N,7um,15.0s,MS5.2		LR	LR			
LZH	comp=E,2um,15.0s,MS5.2		LR	LR			
LZH	Lanzhou	22.68 210	iP	P	00 29 41.7	+1.8	
LZH		AP			00 29 48.2		
LZH		XP			00 29 48.7		
LZH		PP			00 30 09.9	+1.4	
LZH		eS			00 33 44.9	+1.2	
LZH		XS			00 33 50.7		
LZH		SS			00 34 25.1	-0.3	
LZH	comp=Z,133nm,1.5s,mb5.2		AMB	AMB			
LZH	comp=Z,517nm,5.2s		LR	LR			
LZH	comp=E,6um,11.5s		LR	LR			
LZH	comp=Z,10um,13.5s,MS5.4		P	P	00 29 45.0	+2.8	
LZH	Urumqi	22.92 249	P	P	00 29 46.2		
LZH		AP			00 29 52.0		
LZH		XP			00 30 14.9	+3.0	
LZH		PP			00 33 50.6	+3.4	
LZH		XS			00 33 57.5		
LZH		AMB					
LZH	comp=Z,60nm,0.6s,mb5.2		AMB	AMB			
LZH	comp=Z,490nm,4.1s		LR	LR			
LZH	comp=N,4um,15.0s,MS5.1		LR	LR			
LZH	comp=E,4um,15.4s,MS5.1		LR	LR			
LZH	comp=Z,5um,16.1s,MS5.0		P	P	00 29 48.6	+0.9	
LZH	Xi'an	23.48 199	P	LG2	00 30 07.9		
LZH	XAN		AMB	AMB			
LZH	comp=Z,30nm,2.4s,mb4.3		LR	LR			
LZH	XAN		LR	LR			
LZH	comp=N,2um,12.5s,MS5.2		LR	LR			
LZH	XAN		LR	LR			
LZH	comp=E,5um,12.9s,MS5.2		LR	LR			
LZH	XAN		LR	LR			
LZH	comp=Z,5um,10.8s,MS5.3		P	P	00 29 50.3	+1.9	
LZH	PET	23.57 82	eS	P	00 34 01.3	+2.9	
LZH	PET		Pmax	Pmax			
LZH	comp=Z,68nm,1.5s,mb4.9		smax				
LZH	PET		smax				
LZH	comp=N,700nm,15.4s		MLR	MLR			
LZH	PET		MLR	MLR			
LZH	comp=Z,1um,13.0s,MS4.5		P	P	00 29 50.0	-6.8	
LZH	Matsushiro	24.41 137	eS	P	00 34 16.0	+2.8	
LZH	MAT		MLR	MLR			
LZH	MAT		P	P	00 29 54.1	-2.7	
LZH	comp=Z,2um,18.0s,MS4.6		S	S	00 34 16.0	+2.8	
LZH	Matsushiro	24.41 137	P	P	00 34 16.0	+2.8	
LZH	Bilibino	24.44 43	iP	P	00 29 56.0	-0.7	
LZH	BILL		Pmax	Pmax			
LZH	comp=Z,55nm,1.0s,mb4.9		MLR	MLR			
LZH	BILL		MLR	MLR			
LZH	comp=Z,2um,20.0s,MS4.5		P	P	00 29 57.7	+1.0	
LZH	Bilibino	24.44 43	eP	P	00 29 59.6	+0.2	
LZH	Nanjing	24.68 178	eP	P	00 30 03.9		
LZH	NJ2		AP		00 30 06.1		
LZH	NJ2		XP		00 30 35.6	-0.3	
LZH	NJ2		PP		00 30 46.8	+0.2	
LZH	NJ2		PPP		00 34 20.0	+2.3	
LZH	NJ2		S		00 34 29.0		
LZH	NJ2		XS				
LZH	NJ2		AMB	AMB			
LZH	comp=Z,462nm,8.0s		LR	LR			
LZH	NJ2		LR	LR			
LZH	comp=N,9um,11.5s,MS5.5		LR	LR			
LZH	NJ2		LR	LR			
LZH	comp=E,3um,12.3s,MS5.5		LR	LR			
LZH	NJ2		LR	LR			
LZH	comp=Z,10um,10.8s,MS5.6		P	P	00 30 08.7	-0.7	
LZH	Sheshan	25.73 173	eP	P	00 30 11.9	-1.4	
LZH	SSE		AP		00 34 37.6	+2.2	
LZH	SSE		P	P	00 34 43.4		
LZH	comp=Z,55nm,0.8s,mb5.1		AMB	AMB			
LZH	SSE		AMB	AMB			
LZH	comp=Z,202nm,5.4s		AMB	AMB			
LZH	SSE		LR	LR			
LZH	comp=N,2um,14.6s,MS4.9		LR	LR			
LZH	SSE		LR	LR			
LZH	comp=E,1um,14.6s,MS4.9		LR	LR			
LZH	SSE		LR	LR			
LZH	comp=Z,2um,15.9s,MS4.8		P	P	00 30 14.5	0.0	
LZH	Wuhan	26.28 187	iP	P			
LZH	WHN		LR	LR			
LZH	comp=N,2um,7.4s		LR	LR			
LZH	WHN		LR	LR			
LZH	comp=E,4um,7.6s		LR	LR			
LZH	WHN		LR	LR			
LZH	comp=Z,10um,13.8s,MS5.5		P	P	00 30 21.1	-0.6	
LZH	ENH	Enshi	27.07 196	eP	P		
LZH	ENH	Enshi					
LZH	TKM2	Tokmak 2	29.97 261	P	P	00 30 49.2	+1.5
LZH	TKM2	SNR=16					
LZH	USP	Ospenovka	30.34 262	P	P	00 30 52.7	+1.7
LZH	USP	SNR=27					
LZH	CHMS	Chumysh	30.38 262	P	P	00 30 53.0	+1.6
LZH	CHMS	SNR=24					
LZH	KBK	Karagaybulak	30.50 261	P	P	00 30 54.3	+1.9
LZH	KBK	SNR=24					
LZH	SVE	Sverdlovsk	30.52 295	eP	P	00 30 54.0	+1.6
LZH	SVE		eS	S	00 35 54.0	+1.7	
LZH	SVE		MLR	MLR			
LZH	comp=Z,4um,13.0s,MS5.2		P	P	00 30 54.0	+1.0	
LZH	Bishkek	30.56 262	eP	P			
LZH	FRU		Pmax	Pmax			
LZH	FRU	comp=Z,79nm,2.0s,mb5.2					
LZH	KZA	Kyzaat	30.73 260	P	P	00 30 57.2	+2.7
LZH	KZA	SNR=6.7					
LZH	AAK	Ala-Archa	30.76 261	P	P	00 30 56.4	+1.7
LZH	AAK	SNR=28					
LZH	AAK	Ala-Archa	30.76 261	eP	P	00 30 52.7	-2.0
LZH	AAK	SNR=28					
LZH	AAK	comp=Z,36nm,1.0s,mb5.2					
LZH	AAK		MLR	MLR			
LZH	AAK	comp=Z,2um,17.0s,MS5.4					
LZH	AAK	Ala-Archa	30.76 261	eP	P	00 30 54.9	+0.1
LZH	AAK	SNR=24					
LZH	UCH	Uchtor	31.03 261	P	P	00 30 59.0	+2.0
LZH	UCH	SNR=6.7					
LZH	EKS2	Erkin-Say	31.13 262	P	P	00 30 59.8	+1.7
L							

Table with columns: LVV, L'vov, 52.23 305, eP, P, 00 33 50.6+0.4, etc. Lists various locations and their corresponding values.

Table with columns: STU, Stuttgart, 59.37 313, eP, P, 00 34 41.1 -0.4, etc. Lists various locations and their corresponding values.

Table with columns: BGF, Bois d'Agland, 63.66 316, eP, P, 00 35 08.9 -1.5, etc. Lists various locations and their corresponding values.

Table with columns: EQES, Quesada, 3.26 34 Pn, Pn, 02 04 42.6 -1.5, 0.4nm,0.1s,SNR=7.9, 0.1nm,0.1s,SNR=4.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, MDRS Chennai, 13.66 297 Op, P, 02 28 42.6 +4.6

ATH 02 02:53:22.9, 38.14N, 26.16E, h38km, 6km, MD3.4/5, ML3.6, NEIC 02 02:53:22.9, 38.14N, 26.16E, h38km, MD3.4(ATH), After ATH.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, SMG Samos, 0.73 124 I/P, Pn, 02 53 36.8 -1.2

NIED 02 03:30:00, 33.70N, 131.90E, h74km, Mw4.3, Best double couple: M=2.69x10^15, N1=299, delta=76, lambda=157, N2=35, delta=68, lambda=16.

JMA 02 03:00:01.3, 33.75N, 131.93E, h73km, 1km, M4.2, Broadband fault plane solution: P waves. N1=35, delta=63, lambda=19, N2=296, delta=73, lambda=151, Principal axes: T P132, Azm253, N1 P157, Azm88, P1 P17, Azm347.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, JKD Kudamatsu, 0.31 346 I/P, P, 03 30 12.9 +0.2

MEX 02 03:37:20.9, 0.6, 16.13N-97.63W, h12km, 8km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, PNIG Pinotepa, 0.55 299 I/P, P, 03 37 30.3 -1.6

CSEM 02 03:44:06.6, 0.9, 6.6, 32N, 20.72E, h2km, ML2.7, Error ellipse: s-maj=49.8km s-min=19.4km az=110.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, Mining explosion, HEL 02 03:44:21.3, 0.1, 67.18N, 20.69E, ML2.7(UPP), Explosion, Sweden

GUC 02 03:46:28.9, 0.7, 37.40S, 71.95W, h110km, 8km, MD3.4, ML3.6, NEIC 02 03:46:28.9, 37.40S, 71.95W, h110km, mb3.6/1, MD3.4(GUC), After GUC.

ISC 02 03:46:28.2, 0.7, 37.41S, 71.8W, 0.2, h118km, 13km, n19, c0872/31, mb3.6/1, 11C-3D, Southern Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, CCHI Chillan, 0.83 345 I/P, P, 03 46 48.1 -0.6

MDD 02 03:52:03.2, 0.3, 46.04N, 2.92E, mbLg2, 1/23, Error ellipse: s-maj=3.0km s-min=2.4km az=105.0

CSEM 02 03:52:03.7, 0.1, 46.08N, 2.85E, h15km, ML2.8/20, Error ellipse: s-maj=1.1km s-min=0.8km az=123.0

NEIC 02 03:52:03.8, 46.09N, 2.84E, h17km, ML2.8(STR), ML2.7(LDG), After LDG.

LDG 02 03:52:03.8, 0.1, 46.09N, 2.84E, h17km, Md3.1/3, M12.7/22, Error ellipse: s-maj=1.3km s-min=1.0km az=118.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, AGO Saint Agoulin, 0.21 100 Op, P, 03 52 09.9 +1.2

COLF Collatanges, 0.83 133 P, P, 03 52 18.6 -0.7

SMF Signal de Mont, 0.89 51 Op, P, 03 52 20.8 -0.6

SMF Signal de Mont, 0.89 51 P, P, 03 52 19.8 -0.6

SMF Signal de Mont, 0.89 51 P, P, 03 52 31.7

LBL Lubilhac, 0.90 161 P, P, 03 52 21.7 +1.1

SSF Saint Sauleg, 1.07 25 Op, P, 03 52 24.0 +0.5

SSF Saint Sauleg, 1.07 25 P, P, 03 52 36.6 -0.6

HYF Humbligny, 1.19 353 Op, P, 03 52 26.3 +0.9

HYF Humbligny, 1.19 353 P, P, 03 52 41.5 +1.1

RJF Les Rejaudoux, 1.22 230 Op, P, 03 52 24.6 -1.5

RJF Les Rejaudoux, 1.22 230 P, P, 03 52 26.6 +0.6

CAF Calviac, 1.28 205 Op, P, 03 52 25.2 -1.9

CAF Calviac, 1.28 205 P, P, 03 52 27.4 +0.3

VIVF Saint-Julien-I, 1.79 133 Op, P, 03 52 32.1 -2.2

Table with columns: MTLF Montoliou, 2.78 189 Op, Pn, 03 52 46.3 -2.3

LPG La Plagne, 2.80 101 Op, Pn, 03 53 32.3 +10

MEZF Maizieres J'vi, 2.84 31 Op, Pn, 03 52 46.7 -2.7

SMRF Simiane la Rot, 2.87 136 Op, Pn, 03 53 34.1 +10

HAU Haudompre, 3.07 50 Op, Pn, 03 52 49.0 -3.6

LDF La Druietiere, 3.21 322 Op, Pn, 03 53 27.6 -5.3

HINF Hinteralfeld, 3.25 56 Op, Pn, 03 52 52.3 -2.8

EPF Esparrros, 3.54 211 Op, Pn, 03 52 56.5 -2.8

EJON La Jonquera, 3.64 179 Op, Pn, 03 52 58.0 -2.7

CDP Champ du Feu, 3.81 51 Op, Pn, 03 53 00.0 -3.1

EBIE Bielsa, 3.91 211 Op, Pn, 03 53 04.6 0.0

EBIE Bielsa, 3.91 211 P, Pn, 03 53 47.9 -2.7

ETSF Aitarrunt, 4.01 219 Op, Pn, 03 54 09.8 +1.7

EALK Ealkurutz, 4.22 229 Op, Pn, 03 53 51.6 -6.9

EPOB Poblet, 4.90 196 Op, Pn, 03 54 37.6

ELAN Lanestosa, 5.31 240 Op, Pn, 03 54 18.9 -7.0

BUI 02 04:01:30.8, 4.35N, 95.11E, h56km, mb5.2, mb5.3, Ms4.5, Ms4.1

MOS 02 04:01:30.5, 0.9, 4.92N, 95.41E, h33km, mb5.3/19, Error ellipse: s-maj=14.8km s-min=7.9km az=112.7

NEIC 02 04:01:31.9, 0.2, 4.78N, 95.20E, h30km, mb4.8/43, MS4.2/2, Error ellipse: s-maj=6.1km s-min=5.0km az=26.0

ISC 02 04:01:32.3, 1.1, 4.75N, 0.05, 95.22E, 0.04, h49km, 9km, h52km, 1.0km, pp-P, n173, c109/180, mb5.0/67, MS4.2/6, 23C-10D, Northern Sumatera

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC, SNG Songkhla, 5.88 66 Op, P, 04 03 00.0 +1.0

NST Nakhon Sawan, 11.88 24 P, P, 04 04 26.0 +4.4

KKTK Khon Kaen, 13.72 32 P, P, 04 04 51.0 +4.9

CM31 Chiang Mai Arr, 14.10 15 P, P, 04 04 51.8 +0.7

CHG Chiang Mai, 14.40 14 P, P, 04 05 00.7 +5.1

PALK Palakkad, 14.65 281 Op, P, 04 04 58.4 +1.0

NANT Nanjing, 14.95 21 P, P, 04 05 07.0 +4.8

CHRT Chongqing, 15.67 16 P, P, 04 05 15.5 +4.0

VIS Vishakhapatnam, 17.37 319 Op, P, 04 05 33.2 +0.3

BWNR Bhubaneswar, 17.96 330 Op, P, 04 05 36.6 -3.3

BWNR Bhubaneswar, 17.96 330 P, P, 04 05 40.3

BWNR Bhubaneswar, 17.96 330 P, P, 04 05 45.2 -1.1

IMP Imphal, 19.95 357 Op, P, 04 06 05.1 +5.0

QIZ Qiongzong, 20.12 44 Op, P, 04 06 49.9 +2.7

QIZ Qiongzong, 20.12 44 P, P, 04 06 02.2 -2.7

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like OBN Obninsk, MA2 Magadan, LSZ Lusaka, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AAK Ala-Archa, EKS2 Erkin-Say, USP Oshpenovka, etc.

Table with columns: AAK, Ala-Archa, 43.47 337c, iP, P, 08 35 46.3 +0.7, etc. Lists various flight routes and times.

Table with columns: KLR, comp=E,270nm,2.4s, pmax, pmax, etc. Lists various flight routes and times.

Table with columns: MALT, Malatya, 62.49 312, eP, P, 08 38 06.2 -0.5, etc. Lists various flight routes and times.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBN, CASY, MA2, AKS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LVZ, KOLS, GRUS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, TRO, RUE, etc.

Table of station data for the left column, including call signs like BAIF, RAO, PLDF, SSF, SBA, SBA, SBA, LBL, LBL, AGL, PYM, BGF, BGF, RJF, RJF, RJF, FLN, FLN, FLN, EBR, UNV, UNV, ETSF, ETSF, DAG, DAG, DAG, QSPA, ESLS, IMA, IMA, SNA, SNA, SNA, VNA, VNA, VNA, VNA, VNA, KDK, KDK, DBIC, DBIC, DIV, DIV, SIT, NRS, PMSA, OCWA, SCHQ, SCHQ, COR, COR, NEW, HUMO, HUMO, YBH, YBH, MSO, MSO, BMO, WDC, WDC, MOD, MOD, HRY, HOPS, HOPS, WVOR, WVOR, OHCM, BOZ, BOZ, DGMT, DGMT, WCN, LAO, LAO, EFI, EFI, LKWK, Lake.

Table of station data for the middle column, including call signs like LKWK, CMB, BBN, BBN, SAO, SAO, TPWA, SNOW, MNV, MNV, PQI, PQI, AHID, AHID, EYMN, EYMN, NLU, NLU, RWWY, PTCN, PTCN, MSU, RCBR, RCBR, PHWY, NCB, NCB, LDPC, PV10, HRV, HRV, ISCO, ISCO, WES, WES, PV01, JFWS, JFWS, BINY, BINY, AAM, AAM, ERPA, ERPA, SDCO, SDCO, SSSA, SSSA, KSU1, ACSO, ACSO, TUC, TUC, ANMO, ANMO, MCWV, MCWV, LENN, LPM, BNN, BNN, CCM, CCM, WCI, WCI, AMTX, AMTX, BLA, BLA, TRQA, TRQA, BBSR, BBSR, WMOK, WMOK, LPA, LPA, MNX, MNX, GDLZ, WWT, WWT, MIAR, MIAR, UALR, BAO, OXF, OXF, LTX, LTX, JCT, JCT, GOGA, GOGA, NHSC, NHSC, LRAL, LRAL, NATX, NATX.

Table of station data for the right column, including call signs like NATX, HKT, HKT, MDZ, FCH, CLCH, DWPF, DWPF, SEG, BBL, SJB, SJB, SJB, LVC, LVC, TEIG, TEIG, LPAZ, LPAZ, SDV, SDV, SDV, NNA, NNA, OTAV, OTAV, OTAV, BUJ, BUJ, NEIC, NEIC, ISC, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

HYB				eS	S	12 20 12.0	-1.4
SHL	Shillong	20.19	353	eP	P	12 16 43.5	-2.3
SHL	comp=Z,61nm,0.6s			e		12 16 50.6	
SHL				eS	S	12 20 24.2	-1.5
QIZ	Qiongzong	20.21	47	eP	P	12 16 47.7	+1.5
QIZ				XP	P	12 16 55.2	
QIZ				PP	PP	12 17 07.4	+1.0
QIZ				SS	SS	12 20 28.5	+2.3
QIZ				SS	SS	12 20 56.4	+0.9
QIZ	comp=Z,83nm,1.9s			AMB	AMB		
QIZ	comp=N,3um,18.9s,MS4.9			LR	LR		
QIZ	comp=E,4um,16.5s,MS4.9			LR	LR		
QIZ	comp=Z,4um,18.2s,MS4.8			LR	LR		
QIZ	Qiongzong	20.21	47	eP	P	12 16 47.1	+0.9
QIZ	comp=Z,34nm,0.7s			e			
BLSP	Bilasapur	20.44	326	eP	P	12 16 49.0	+0.4
BLSP				eS	S	12 20 34.5	+3.8
MNGI	Mangalore	20.75	292	eP	P	12 16 54.9	+3.1
MNGI				eS	S	12 20 43.3	+6.6
KAD	Karad	23.08	302	eP	P	12 17 16.4	+1.3
KAD				e		12 17 33.1	
BATP	Bataraza	23.42	80	eP	P	12 17 20.9	+2.4
PKI	Pulchoki	23.65	340	eP	P	12 17 20.6	0.0
PKI	comp=Z,318nm,1.0s,mb5.7			e			
DMN	Daman	23.79	339	eP	P	12 17 21.2	-0.8
DMN	comp=Z,158nm,0.8s,mb5.5			e			
KKN	Kakani	23.90	340	eP	P	12 17 23.4	+0.4
KKN	comp=Z,794nm,1.5s,mb5.9			e			
POO	Poona	23.95	305	iP	S	12 21 44.0	+8.9
BHPL	Bhopal	24.16	319	eP	P	12 17 26.5	+0.9
BHPL				e		12 17 43.0	
BHPL	comp=Z,144nm,1.3s			e			
GKN	Gorkha	24.32	339	eP	P	12 17 27.8	+0.7
GKN	comp=Z,348nm,0.7s,mb5.9			e			
LSA	Lhasa	24.35	353	eP	P	12 17 27.5	+0.1
LSA	comp=Z,141nm,0.6s,mb5.6			e			
PPR	Puerto Princes	24.45	78	eP	P	12 17 30.1	+1.6
KOLN	Koldanda	24.51	336	eP	P	12 17 29.0	0.0
KOLN	comp=Z,2um,1.8s,mb4.4			e			
BOM	Bombay	24.99	304	eP	P	12 17 35.4	+1.7
BOM				eS	S	12 21 56.4	+3.7
ENPP	El Nido	25.37	75	eP	P	12 17 37.8	+0.5
LUBP	Lubang	26.73	70	eP	P	12 17 51.1	+1.2
AGRA	Agra	26.79	326	eP	P	12 17 49.5	-0.9
SJMP	San Jose	27.25	73	eP	P	12 17 55.0	+0.3
PTH	Pithoragarh	27.51	332	eP	P	12 17 57.0	0.0
PTH				eS	S	12 22 33.0	-1.0
ASOR	Ausora	28.08	328	eP	P	12 18 02.4	+0.3
AYAN	Aya Nagar	28.21	326	eP	P	12 18 03.1	-0.2
AYAN				e		12 18 23.5	
KUDL	Kundal	28.31	325	eP	P	12 18 02.8	-1.4
KUDL				eP	P	12 18 02.8	
NDI	New Delhi	28.32	327	eP	P	12 18 03.7	-0.6
NDI				e		12 18 22.6	
NDI	comp=Z,67nm,1.4s			e			
GUIM	Jordan	28.33	78	eP	P	12 18 03.8	-0.7
ENH	Enshi	28.50	28	eP	P	12 18 04.8	-1.0
ENH	comp=Z,50nm,0.6s,mb5.4			LR	LR		
RCP	Roxas	28.63	76	eP	P	12 18 08.3	+1.2
KHET	Khetri	28.66	324	eP	P	12 18 06.7	-0.5
KHET				e		12 18 23.9	
KHET	comp=Z,36nm,2.0s			eS	S	12 22 52.0	-0.3
DDI	Dehra Dun	29.19	330	eP	P	12 18 11.5	-0.5
DDI				e		12 23 30.7	
KKR	Kurukshetra	29.54	328	eP	P	12 18 14.2	-0.9
KLP	Kalpa	30.09	332	eP	P	12 18 19.6	-0.4
KLP				e		12 18 38.7	
KLP	comp=Z,106nm,2.0s			P	P	12 18 23.0	+1.8
OZH	Quanzhou	30.23	48	P	S	12 23 27.0	+1.0
OZH				AMB	AMB		
OZH	comp=Z,90nm,0.9s,mb5.5			LR	LR		
OZH	comp=N,4um,20.0s			LR	LR		
OZH	comp=E,2um,9.4s			LR	LR		
OZH	comp=Z,5um,17.0s,MS5.2			LR	LR		
WHN	Wuhan	31.24	35	iP	P	12 18 30.5	+0.3
WHN				LR	LR		
XAN	Xi'an	31.49	23	P	P	12 18 31.3	-1.1
XAN	comp=Z,190nm,0.8s,mb6.0			LR	LR		
XAN	comp=N,900nm,20.1s,MS4.6			LR	LR		
XAN	comp=E,793nm,17.9s,MS4.6			LR	LR		
XAN	comp=Z,3um,20.6s,MS4.9			LR	LR		
LZH	Lanzhou	31.72	15	iP	P	12 18 33.5	-0.9
LZH				AP	PP	12 18 40.8	-3.2
LZH				XP	SP	12 18 44.5	-3.9
LZH				PP	PP	12 19 33.5	-0.3
LZH				eS	S	12 23 41.5	+0.8
LZH				XS	SS	12 23 54.0	
LZH				SS	SS	12 25 35.4	+3.6
LZH	comp=Z,89nm,1.4s,mb5.4			AMB	AMB		
LZH	comp=Z,276nm,5.4s			LR	LR		
LZH	comp=E,2um,14.5s			LR	LR		
NJ2	Nanjing	34.98	38	eP	P	12 19 03.1	+0.5
NJ2				AP	PP	12 19 12.6	+0.3
NJ2				XP	SP	12 19 16.1	-0.5
NJ2				PP	PP	12 20 20.2	-1.0
NJ2				PPP	PPP	12 20 37.2	-2.0
NJ2				S	S	12 24 31.0	-0.3
NJ2				XS	SS	12 24 47.0	
NJ2	comp=Z,220nm,0.9s,mb6.1			AMB	AMB		
NJ2	comp=Z,530nm,4.0s			AMB	AMB		
NJ2	comp=N,5um,15.2s,MS5.5			LR	LR		
NJ2	comp=E,3um,14.9s,MS5.5			LR	LR		
NJ2	comp=Z,7um,15.0s,MS5.5			LR	LR		
SSE	Sheshan	35.82	41	eP	P	12 19 09.1	-0.6
SSE				AP	PP	12 19 18.1	-1.3
SSE				S	S	12 24 47.7	+3.5
SSE				XS	SS	12 25 01.2	
SSE	comp=Z,44nm,0.7s,mb5.5			AMB	AMB		
SSE	comp=N,354nm,15.5s,MS5.0			LR	LR		
SSE	comp=E,2um,15.6s,MS5.0			LR	LR		
SSE	comp=Z,2um,14.6s,MS5.1			LR	LR		
TIA	Tai'an	37.05	31	iP	P	12 19 20.4	+0.3
FITZ	Fitzroy Crossi	38.64	128	eP	P	12 19 32.4	-1.1
FITZ	comp=Z,50nm,0.7s,mb4.5			e			
WMQ	Urumqi	38.71	352	P	P	12 19 34.2	+0.4
WMQ				AP	PP	12 19 41.6	-2.0
WMQ				PP	PP	12 19 44.5	-3.3
WMQ				XP	SP	12 21 06.9	+0.4
WMQ				S	S	12 25 29.4	+1.1
WMQ				XS	AMB	12 25 41.7	
WMQ	comp=Z,90nm,0.9s,mb5.5			AMB	AMB		
WMQ	comp=Z,460nm,4.7s			LR	LR		
WMQ	comp=N,3um,20.1s,MS5.2			LR	LR		
WMQ	comp=E,3um,23.6s,MS5.2			LR	LR		
WMQ	comp=Z,3um,19.7s,MS5.1			LR	LR		
BJT	Baijiatou	39.62	26	eP	P	12 19 42.8	+1.4
BJT	comp=Z,200nm,1.3s,mb5.7			e			

KZA	Kyzart	40.31	338	P	P	12 19 49.0	+1.9
KZA	SNR=9.4						
UCH	Uchtor	40.72	337	P	P	12 19 51.3	+0.8
UCH	SNR=23						
TKM2	Tokmak 2	40.91	339	P	P	12 19 53.1	+1.0
TKM2	SNR=22						
KBK	Karagaybulak	40.92	338	P	P	12 19 53.5	+1.3
KBK	SNR=46						
AML	Almayasu	40.96	336	P	P	12 19 54.5	+2.0
AML	SNR=15						
AAK	Ala-Archa	41.07	337	P	P	12 19 55.4	+1.9
AAK	SNR=24						
AAK	Ala-Archa	41.07	337	iP	P	12 19 53.7	+0.3
AAK	comp=Z,47nm,1.4s,mb4.9			P	P		
AAK	Ala-Archa	41.07	337	eP	P	12 19 53.0	-0.4
AAK	comp=Z,17nm,0.6s,mb4.9			e			
FRU	Bishkek	41.20	338	eP	P	12 19 55.0	+0.6
FRU	comp=Z,220nm,2.4s,mb5.4			P	P		
FRU				MLR	MLR		
FRU	comp=Z,800nm,19.0s,MS4.6			MLR	MLR		
CHMS	Chumysh	41.29	338	P	P	12 19 56.6	+1.4
CHMS	SNR=15						
EKS2	Erkin-Say	41.37	337	P	P	12 19 57.6	+1.7
EKS2	SNR=7.8						
USP	Ospenovka	41.61	338	P	P	12 19 58.5	+0.6
USP	SNR=32						
KAKA	Kakadu	41.83	116	eP	P	12 19 58.0	-2.1
KAKA	comp=Z,40nm,0.7s,mb5.2			e			
MUN	Mundaring	42.58	152	eP	P	12 20 06.7	+0.7
MUN	comp=Z,20nm,0.8s,mb5.4			e			
ULN	Ulanbatar	43.65	12	iP	P	12 20 14.2	-0.3
ULN	Ulanbatar	43.65	12	iP	P	12 20 14.0	-0.5
ULN	comp=Z,25nm,0.6s,mb5.1			eP	P	12 22 01.7	-0.3
ULN				eS	P	12 25 49.3	
ULN	comp=Z,882nm,19.0s,MS4.7			LR	LR		
KS15	Wonju Array Si	44.11	39	eP	P	12 20 17.9	-0.4
SNY	Shenyang	44.58	31	iP	P	12 20 19.9	-0.2
SNY				PP	PP	12 20 35.7	-0.4
SNY				PP	PP	12 22 11.3	+4.1
SNY	comp=Z,70nm,2.0s,mb5.1			LR	LR		
SNY	comp=N,1um,18.0s,MS4.9			LR	LR		
SNY	comp=Z,670nm,21.2s,MS4.9			LR	LR		
SNY	comp=Z,2um,19.2s,MS5.0			LR	LR		
ZAK	Zakamensk	45.42	8	iP	P	12 20 28.2	-0.5
ZAK				e		12 22 07.3	
MOY	Mondy	46.42	6	eP	P	12 20 37.4	+0.9
MOY				e		12 20 37.9	-0.6
WRA	Warramunga Arr	46.62	124	iP	P	12 20 38.2	-0.3
WRA	comp=Z,41nm,0.7s			P	P	12 20 37.9	-0.7
WRAB	Tennant Creek	46.63	124	iP	P	12 20 38.2	-0.3
WRAB	Tennant Creek	46.63	124	eP	P	12 20 37.9	-0.7
WRAB	comp=Z,82nm,0.7s,mb5.8			LR	LR		
WRAB	comp=Z,236nm,21.0s,MS4.1			LR	LR		
WB2	Warramunga Arr	46.63	124	iP	P	12 20 38.1	-0.5
WBL	Talya	46.74	8	eP	P	12 20 39.0	0.0
WBL				e		12 27 28.6	
WBL	comp=Z,25nm,1.0s,mb5.1			P	P		
TLY	Talya	46.74	8	eP	P	12 20 38.8	-0.2
TLY	comp=Z,954nm,19.0s,MS4.8			MLR	MLR		
TLY	comp=Z,32nm,1.2s,mb5.1			MLR	MLR		
TLY	Talya	46.74	8	eP	P	12 20 42.5	-1.6
TLY	Irkutsk	47.38	8	eP	P	12 20 55.8	
TLY				e		12 22 11.5	
TLY				e		12 22 26.9	
TLY				e		12 20 53.6	-0.4
MDJ	Mudanjiang	49.68	33	P	P	12 21 02.0	0.0
MDJ				AP	PP	12 21 08.3	-3.6
MDJ				XP	SP	12 21 11.2	-4.8
MDJ							

Table with columns: SEY, comp=N,3um,23.0s,M55.5, MLR, MLR, RZN, Rozen, 71.31 312 eP, P, 12 23 29.0 -0.6, etc.

Table with columns: SYO, Syowa Base, 83.16 197 jPcP, P, 12 24 38.4 -1.5, BFO, Black Forest, 83.41 318 eP, P, 12 24 36.8 +0.2, etc.

Table with columns: MAN 02 13:12:55.9, 10.10N-123.14E, h1km, mb4.2, ML3.0, MS2.7, 2C-3C, Cebu, Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc.

2d 15h

Table with columns: TCF, comp, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like Saint Martin, Oris-en-Rattie, Montbardon, etc.

BJI 02 15:16:22.5, 3.96N:95.14E, h49km, mb5.3, mb5.1, Ms4.6
NEIC 02 15:16:25.2, 1.1, 4.34N, 94.73E, h30km, mb4.7, Error
elliptic: s-maj=30.7km s-min=20.7km az=73.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like Chiang Mai Arr, Pulchoki, Daman, etc.

NIED 02 15:16:00.27, 7.0N, 130.80E, h5km, Mw4.0. Best double
couple: M=1.2x10^15 Np1:λ=13°, δ71°, λ-110°. NP2:λ=241°,
δ27°, λ-45°

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like Kikaishima, Amami Oshima, Tokunoshima, etc.

CASC 02 15:31:55.1-1.0, 12.35N-87.04W, h133km, 7km, MD3.8,
ML2.8, 1C-4D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like Leon, Telica 3, Miran, etc.

2005 JAN

Table with columns: MGAN, comp, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like TCUantepe, San Blas, El Retiro, etc.

BJI 02 15:35:55.0, 6.43N:92.69E, h30km, mb2.6, mb5.6, Ms6.6,
Ms2.6

MOS 02 15:35:56.1± 1.2, 6.45N-92.73E, h33km, mb6.0/76,
Ms6.1/88, Error ellipse: s-maj=7.8km s-min=4.0km
az=123.4

HRVD 02 15:35:56.70, 1.6, 26N-92.57E, h13km, MW6.4/73,
Centroid moment Tensor Solution. LP body waves:
s67,C150,Mantle waves: s73,C306. Half duration: 3s7

NEIC 02 15:35:56.70, 1.6, 36N-92.79E, h30km, mb5.7/119, ME6.0,
MS6.2/130, MW6.1 Error ellipse: s-maj=6.2km
s-min=4.0km az=27.0, Moment Tensor Solution. s34

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like Nakhon Sawaan, Palkeke, Chiang Mai Arr, etc.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

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model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

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ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

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Synthetic seismograms computed from the ISC
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ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

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Synthetic seismograms computed from the ISC
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ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

ISC 02 15:35:55.9, 2.6, 33N, 0.03, 92.76E, 0.02, h38km,
h38km, 2.6km, pP, #763, #111652, mb5.7/145, MS6.2/166,
72C-43D, Nicobar Islands region

Energy computed from MT mechanism.
Synthetic seismograms computed from the ISC
model.

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Table with columns: BHV, PTH, Hong Kong, etc. Includes stations like Bhavnagar, Pithoragarh, Hong Kong, etc.

NDI comp=Z, 480nm, 1.4s

ENPP El Nido 26.79 78 eP P 15 41 35.1 +0.5

DDI Dehra Dun 27.58 32 eP P 15 41 41.2 -0.6

BHJ Bhuj 27.89 310 eP P 15 41 41.9 -2.8

LUBP Lubang 28.03 73 eP P 15 41 45.8 -0.2

LUBP Lubang 28.03 73 eP P 15 41 45.8 -0.2

SCZP Santa Cruz 28.22 68 eP P 15 41 48.3 +0.7

BOLP Bolinao 28.39 67 eP P 15 41 56.6 +7.0

ENH Enshi 28.54 311 eP P 15 41 48.6 -1.8

SJMP San Jose 28.62 76 eP P 15 41 51.8 +0.5

SMLA Simla 28.67 331 eP P 15 42 03.7 +1.2

SMLA comp=Z, 472nm, 1.5s

SMLA Simla 28.67 331 eP P 15 42 03.7 +1.2

PCPH Palayan 29.26 69 eP P 15 46 40.3 +3.9

BHK Bhakra 29.27 331 eP P 15 41 59.4 +2.5

BHK Bhakra 29.27 331 eP P 15 41 59.4 +2.5

OTRP Odiongan 29.47 76 eP P 15 41 59.1 +0.3

BOAC Boac 29.49 74 eP P 15 41 58.0 -0.9

ABRA Abra 29.52 65 eP P 15 41 56.0 -2.4

KALP Kalibo 29.68 78 eP P 15 42 10.0 -1.1

BALP Baler 29.75 69 eP P 15 42 01.7 -0.4

GUIM Jordan 29.80 80 eP P 15 42 00.7 -1.0

POLP Polillo Island 29.85 71 eP P 15 42 02.8 +0.7

RCP Roxas 30.00 78 eP P 15 42 04.9 +0.9

APYV Apur 30.06 65 eP P 15 42 05.2 -1.2

CAUP Cauayan 30.31 67 eP P 15 42 06.7 +0.4

DCPH Dipolog City 30.41 84 eP P 15 42 07.8 +0.6

DLH Daulousie 30.41 311 eP P 15 42 11.0 +3.9

PAGZ Pagadian 30.42 85 eP P 15 42 08.1 +0.8

QZHV Caliao Caves 30.54 66 eP P 15 42 10.0 +1.7

QZH Quanzhou 30.89 50 eP P 15 42 11.4 0.0

QZH Quanzhou 30.89 50 eP P 15 42 11.4 0.0

QZH comp=Z, 530nm, 1.2s, mb6.2

QZH comp=N, 56µm, 14.0s, MS6.8

QZH comp=E, 132µm, 12.6s, MS6.8

QZH comp=Z, 202µm, 13.6s, MS6.9

TBP Tagbilaran 30.97 82 eP P 15 42 11.9 -0.3

LLP Lapu-Lapu 31.12 81 eP P 15 42 14.0 +0.5

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

LZH Lanzhou 31.31 17 eP P 15 42 14.1 -0.9

Table with columns for flight codes (AAA, KBK, AML, etc.), destinations (E, 9um, 14.0s), and flight details (MLR, P, 15 43 25.6 +1.4, etc.).

Table with columns for flight codes (MAT, MAT, MAT, etc.), destinations (Z, 81nm, 1.5s, mb5.4), and flight details (MLR, P, 15 44 57.0 -0.9, etc.).

Table with columns for flight codes (DUSS, DUSS, DUSS, etc.), destinations (baz=102,slow=4,3), and flight details (e, AMS, S, 15 53 56.5 +3.4, etc.).

CTA	Charters Tower	29.23 140	eP	P	18 29 17.7	-0.3
CTAO	Charters Tower	29.23 140	eP	P	18 29 17.4	-0.6
SSE	Sheshan	29.27 350	eP	S	18 29 16.5	-1.8
SSE			AMB	AMB	18 34 08.4	+3.0
SSE	comp=Z,34nm,1.4s,mb4.9					
SSE	comp=Z,395nm,12.0s					
SSE	comp=N,421nm,30.1s					
SSE	comp=E,148nm,30.2s					
SSE	comp=Z,546nm,28.3s					
NST	Nakhon Sawan	29.47 299	P	P	18 29 20.0	-0.2
NHJ	Wuhan	30.59 339	eP	P	18 29 29.7	-0.3
NJ2	Nanjing	30.67 347	eP	P	18 29 31.5	+0.8
NJ2			AP	PP	18 29 43.3	-2.4
NJ2			PP	PP	18 30 34.0	+0.9
NJ2			PPP	PPP	18 30 48.2	+0.3
NJ2			S	S	18 34 34.0	+6.7
NJ2			XS	AMB	18 34 51.0	
NJ2	comp=Z,30nm,0.7s,mb5.2					
NJ2	comp=Z,240nm,4.0s					
NJ2	comp=N,670nm,15.9s					
NJ2	comp=E,590nm,12.2s					
NJ2	comp=Z,8um,17.7s					
CHRT	Chiangrai	31.70 306	UP	P	18 29 39.5	-0.3
CM31	Chiang Mai Arr	31.71 303	eP	P	18 29 39.5	-0.5
CMAR	Chiang Mai Arr	31.71 303	iP	P	18 29 39.7	-0.3
CMAR			pmx	pmx		
CHG	Chiang Mai	31.88 303	UP	P	18 29 40.9	-0.5
ENH	Enshi	32.41 331	eP	P	18 29 44.9	-1.1
TIA	Tai'an	35.05 346	eP	P	18 30 08.7	+0.1
KS15	Wonju Array Si	35.14 2	eP	P	18 30 09.9	+0.5
MUN	Mundaring	35.38 196	eP	P	18 30 11.3	-0.2
MAJO	Matsushiro	35.83 16	eP	P	18 30 13.7	-1.6
MAT	Matsushiro	35.83 16	eP	P	18 30 13.0	-2.3
MAT	Matsushiro	35.83 16	P	P	18 30 13.3	-2.0
XAN	Xi'an	35.84 334	P	P	18 30 14.5	-0.9
XAN			AMB	AMB		
NWAO	Narogin (SRO)	36.02 194	eP	P	18 30 15.5	-1.4
STKA	Stephens Creek	36.65 159	iP	P	18 30 21.5	-0.7
IMP	Imphal	36.84 308	eP	P	18 30 39.8	-0.7
BJT	Baijiatou	38.91 347	eP	P	18 30 41.4	+0.5
SNY	Shenyang	39.61 356	UP	P	18 30 47.3	+0.6
SNY			AMB	AMB		
LZH	Lanzhou	39.88 331	UP	P	18 30 50.2	+1.2
LZH			AP	PP	18 30 59.5	-5.6
LZH			PP	PP	18 32 27.2	+1.9
LZH			eS	SS	18 36 53.3	+4.5
LZH			SS	SS	18 39 44.5	+3.0
LZH			AMB	AMB		
LZH	comp=Z,157nm,1.4s,mb5.5					
LZH	comp=Z,498nm,5.9s					
LZH	comp=N,3um,13.2s					
LZH	comp=Z,4um,16.5s					
ARMA	Armidale	40.15 146	eP	P	18 30 51.6	+0.3
SHL	Shillong	40.84 308	eP	P	18 30 58.0	+0.9
SHL					18 36 49.0	
MDJ	Mudanjiang	42.37 3	P	P	18 31 10.4	+0.9
MDJ			AP	PP	18 31 19.3	-6.3
MDJ			PP	PP	18 32 49.9	-1.3
MDJ			PCP	PCP	18 33 02.0	-0.5
MDJ			SCP	SCP	18 36 52.0	
MDJ			S	S	18 37 31.2	+5.4
MDJ			SCS	SCS	18 41 08.8	+5.9
MDJ			AMB	AMB		
MDJ	comp=Z,76nm,1.1s,mb5.2					
MDJ	comp=N,336nm,29.6s					
MDJ	comp=E,87nm,22.2s					
MDJ	comp=Z,433nm,32.8s					
MDJ	Mudanjiang	42.37 3	eP	P	18 31 09.3	-0.2
CNB	Canberra Magne	48.62 156	eP	P	18 31 14.6	+1.0
TOO	Toolangi	43.17 158	eP	P	18 31 16.7	+0.6
LSA	Lhasa	43.51 313	P	P	18 31 20.4	+1.4
LSA			AMB	AMB		
LSA	comp=Z,80nm,0.7s,mb5.6					
LSA	Lhasa	43.51 313	UP	P	18 31 19.8	+0.8
VIS	Vishakhapatnam	45.33 293	eP	P	18 31 34.0	+0.3
VIS					18 31 36.0	
VIS	comp=Z,61nm,0.9s					
VIS					18 37 29.2	
GUN	Gumba	46.68 307	eP	P	18 31 44.0	-0.3
YSS	Yuzh-Sakhalins	46.75 151	eP	pmx	18 31 44.3	-0.3
YSS			pmx	pmx		
YSS	comp=Z,80nm,1.4s,mb5.5					
YSS	Yuzh-Sakhalins	46.75 15	eP	P	18 31 44.1	-0.5
PKI	Pulchok	46.91 307	eP	P	18 31 45.3	-0.8
PKI					18 31 45.3	-0.8
KLR	Kul'dur	47.11 4	eP	P	18 31 44.0	-3.3
KLR			pmx	pmx		
KLR	comp=E,38nm,1.4s					
KLR	comp=Z,57nm,1.4s,mb5.3					
KKN	Kakani	47.11 307	eP	P	18 31 47.0	-0.6
KKN					18 31 47.0	-0.6
DMN	Daman	47.17 306	eP	P	18 31 47.5	-0.6
DMN					18 31 50.0	+0.9
HIA	Hailar	47.33 354	eP	P	18 31 50.0	+0.9
HIA					18 33 20.0	+1.5
GKN	Gorkha	47.47 307	eP	PCP	18 31 51.4	-1.0
GKN					18 31 57.6	-0.5
KOLN	Koldanda	48.45 306	eP	P	18 31 57.6	-0.5
ULN	Ulaanbatar	48.62 342	iP	P	18 31 59.9	+0.7
ULN	Ulaanbatar	48.62 342	iP	P	18 31 59.5	+0.3
ULN					18 31 59.5	+0.3
ULN	comp=Z,45nm,0.9s,mb5.5					
ULN	comp=Z,482nm,22.0s					
HYB	Hyderabad	49.68 291	iP	P	18 32 07.0	-0.7
ZAK	Zakamensk	52.02 341	iP	P	18 32 24.7	-0.3
ZAK					18 33 36.8	
ZAK					18 39 44.8	
BHPL	Bhopal	52.14 298	eP	P	18 32 25.2	-1.0
BHPL					18 32 27.5	
TLY	Talaya	53.03 342	eP	P	18 32 32.8	+0.2
TLY					18 32 42.1	
TLY	comp=Z,93nm,1.3s					
TLY	comp=Z,35nm,0.9s,mb5.3					
TLY	Talaya	53.03 342	eP	P	18 32 32.3	-0.3
IRK	Irkutsk	53.34 343	eP	P	18 32 34.5	-0.3
IRK					18 33 37.9	
KAD	Karad	53.75 290	eP	P	18 32 35.8	-2.5
MOY	Mohy	53.87 340	eP	P	18 32 39.8	+1.1
DDI	Dehra Dun	53.91 307	eP	P	18 32 37.8	-1.5
NDI	New Delhi	54.01 304	eP	P	18 32 37.0	-3.1
NDI					18 32 37.0	-3.1
WMQ	Urumqi	54.03 326	P	P	18 32 42.3	+2.3

WMQ			AP	pP	18 32 53.2	-3.4
WMQ			PP	PP	18 34 45.2	+1.8
WMQ			S	S	18 40 15.1	+5.5
WMQ			AMB	AMB		
WMQ	comp=Z,70nm,1.8s,mb5.3					
WMQ	comp=Z,370nm,6.3s					
WMQ	comp=N,2um,21.2s					
WMQ	comp=E,2um,21.0s					
WMQ	comp=Z,3um,21.5s					
POO	Poona	54.29 291	eP	P	18 32 38.0	-4.2
CLNS	Chul'man	54.55 359	eP	P	18 32 43.8	+0.2
CLNS			pmx	pmx		
CLNS	comp=Z,60nm,0.7s,mb5.7					
CLNS	comp=N,36nm,1.0s					
CLNS	comp=E,21nm,0.9s					
DLH	Dalhouse	56.39 308	eP	P	18 32 56.0	-1.2
BOD	Bodaibo	56.43 352	eP	P	18 32 56.5	-0.6
PET	Petrovskoye	57.18 22	iP	P	18 33 01.6	-0.9
PET			pmx	pmx		
MSZ	Milford Sound	59.30 147	eP	P	18 33 16.9	-0.5
JCZ	Jackson Bay	59.37 146	P	P	18 33 17.9	0.0
YAK	Yakutsk	59.78 2	eP	P	18 33 19.9	-0.6
YAK			e	e	18 35 35.0	
YAK			eS	S	18 41 30.8	+5.7
YAK			eS	S	18 43 02.1	
YAK	comp=Z,52nm,0.8s,mb5.6					
YAK	comp=N,32nm,1.3s					
YAK	comp=N,4.0nm,1.0s					
YAK	comp=N,3.0nm,0.9s					
YAK	comp=N,9.0nm,1.3s					
YAK	comp=E,5.0nm,1.2s					
YAK	Yakutsk	59.78 2	iP	P	18 33 19.8	-0.7
MA2	Magadan	60.23 14	eP	P	18 33 23.6	0.0
MA2			pmx	pmx		
MA2	comp=Z,40nm,1.3s,mb5.3					
MA2	Magadan	60.23 14	eP	P	18 33 23.3	-0.3
MA2					18 33 23.8	-1.0
LNZ	Lake Benmore	60.37 145	UP	P	18 33 23.8	-2.5
NBZ	Nelson	60.44 141	eP	P	18 33 23.8	-1.6
THZ	Topouse	60.45 142	P	P	18 33 23.6	+0.9
KZA	Kyzart	60.80 318	P	P	18 33 28.5	-0.2
KZA			SNR=8.9		18 33 31.3	+0.6
TKM2	Tokmak 2	60.95 319	P	P	18 33 32.6	+1.1
TKM2			SNR=16		18 33 32.0	-0.7
KBK	Karagaybulak	61.25 319	P	P	18 33 32.0	-0.7
UCH	Uchtor	61.35 318	P	P	18 33 32.6	+1.1
CHMS	Chumysh	61.53 319	P	P	18 33 32.0	-0.7
CHMS			SNR=11		18 33 33.0	+0.3
AAK	Ala-Archa	61.54 318	P	P	18 33 31.8	-0.9
AAK			SNR=12		18 33 31.2	-1.5
AAK	Ala-Archa	61.54 318	iP	P	18 33 31.2	-1.5
AAK			pmx	pmx		
AAK	comp=Z,14nm,1.0s,mb5.0					
FRU	Bishkek	61.55 319	eP	P	18 33 33.0	+0.2
USP	Ospenovka	61.82 319	P	P	18 33 34.2	-0.4
USP			SNR=40		18 33 35.4	+0.5
AML	Almayashu	61.86 318	P	P	18 33 36.8	+0.8
EKS2	Erkin-Say	62.03 318	P	P	18 33 42.7	-1.5
EKS2			SNR=28		18 34 20.5	
NVS	Novosibirsk	63.29 334	iP	P	18 33 42.9	-1.7
NVS			i	S	18 42 37.3	-0.1
NVS			iS	PS	18 43 29.0	
NVS			pmx	pmx		
NVS	comp=N,51nm,1.6s					
NVS	comp=E,50nm,1.6s					
NVS	comp=Z,79nm,1.6s,mb5.6					
NVS	comp=N,28nm,1.1s					
NVS	comp=E,21nm,1.5s					
CASY	Casey	69.25 187	eP	P	18 34 22.0	+0.2
CASY			SNR=51		18 34 22.2	-0.6
TIXI	Tiksi	69.42 1	iP	pmx	18 34 22.2	-0.6
TIXI			pmx	pmx		
TIXI	comp=Z,11nm,0.5s,mb5.0					
TIXI	Tiksi	69.42 1	i Pr	P	18 34 58.0	+0.2
SVE	Sverdlovsk	75.32 329	eP	P	18 44 35.0	
SVE			pmx	pmx		
SVE	comp=Z,240nm,1.2s,mb5.0					
ARU	Arti	76.28 328	iP	P	18 35 02.7	-0.6
ARU			i	S	18 35 12.0	
ARU			eS	SS	18 37 54.1	
ARU			eSS	SS	18 44 45.4	+3.9
ARU			pmx	pmx	18 49 38.1	-1.3
ARU	comp=Z,86nm,1.0s,mb5.6					
ARU	Arti	76.28 328	eP	P	18 35 02.6	-0.7
SOKR	Solikamsk	78.09 331	iP	pmx	18 35 12.3	-1.0
SOKR			pmx	pmx		
VNDA	Vanda	81.86 173	eP	P	18 35 33.4	+0.2
MAW	Mawson	82.28 200	eP	P	18 35 36.5	+0.9
GNI	Garni	82.51 310	iP	pmx	18 35 38.9	+1.6
GNI			pmx	pmx		
GNI	comp=Z,99nm,1.8s					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Hyderabad, Pulchoki, etc.

Table with columns: IMP, Station Name, Az, Phase ID, Time, Res. Includes stations like Imphal, Hyderabad, Shillong, etc.

Table with columns: CLNS, Station Name, Az, Phase ID, Time, Res. Includes stations like Charters Tower, Kilima Mbogo, etc.

MAN 02 19:06:02.2, 6.04N, 126.69E, h27km, mb3.3, ML3.5, MS4.4, 1C-1D, Mindanao

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

JMA 02 19:08:12.0, 31.96N, 130.13E, h10km, 1km, MP3.8, 4C-2D Broadband fault plane solution: P waves. N1=278°, delta2=1-23°, NP2=19°, delta2=150°, Principal axes: T P165°, Azm147°; N P165°, Azm50°; P P163°, Azm240°

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

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

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

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like COPN Copaltepe, CRUN El Crucero, XAVN Gruta Xavier, etc.

NEIC 02 20:07:03.5, 20.04N, 155.09W, h36km, ML3.6(HVO), 11C-25D, After HVO., Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KKKU Keanakolu, NGH National Guard, HPU Hale Pohaku, etc.

CASC 02 20:07:13.9, 2.6, 15.55N, 89.73W, h25km, 55km, MD3.6, ML3.7, 1C-2D, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NBG Las Nubes, MTO2 Montecristo 2, RBDL Robledal, etc.

BJI 02 20:12:19.0, 6.48N, 92.98E, h45km, mB5.1, mb4.5, Ms4.6, Ms4.0

NEIC 02 20:12:25.0, 4.0, 7.14N, 93.00E, mb4.6/15, Error ellipse: s-maj=9.7km s-min=9.5km az=172.0

ISC 02 20:12:21.0, 3.3, 7.06N, 0.07, 93.02E, 0.07, h23km, 23km, n43, c092/43, mb4.7/21, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PALK Palkelele, CM31 Chiang Mai Arr, MDRS Chennai, etc.

NEIC 02 20:41:30.9, 0.4, 11.26N, 92.18E, mb4.6/12, Error ellipse: s-maj=9.9km s-min=9.6km az=164.0

BJI 02 20:41:32.4, 10.93N, 92.19E, h46km, mB5.1, mb4.6

ISC 02 20:41:28.0, 5.1, 11.23N, 0.06, 92.09E, 0.05, h22km, h22km, 4km, p-P, n32, c123/34, mb4.5/11, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, CM31 Chiang Mai Arr, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like IMA comp=Z, 15nm, 0.6s, mb5.5, LPAZ La Paz, etc.

NEIC 02 20:58:48.3, 32.35N, 115.22W, h6km, ML4.0(PAS), After Fall

NEIC Felt at Calixeto and El Centro, California. ECX 02 20:58:45.8, 0.5, 32.30N, 115.19W, h7km, MD4.2, ML4.4, 4C-4D, California-Baja California border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, ENX Ensenada, ECXN Esteban Cantu, etc.

TRN 02 21:56:18.6, 18.44N, 64.76W, h33km, MD3.7, M4.6(FDF) RSPR 02 21:56:22.2, 18.74N, 64.71W, h14km, 26km, MD3.7/14, MD3.7/14

NEIC 02 21:56:22.2, 18.74N, 64.71W, h14km, MD3.7(RSPR), After RSPR

NEIC Felt on St. John and St. Thomas, U.S. Virgin Islands. ISC 02 21:56:20.3, 1.1, 18.5N, 0.2, 64.65W, 0.05, h75km, 18km, n18, c046/32, 8C-6D, Virgin Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MTP Monte Pirata, CBYP Canovanas, HUMP Col San Antoni, etc.

NIED 02 22:12:00, 30.20N, 131.40E, h23km, Mw3.9 Best double couple: Mb7.28x10^14 Np1.9x203°, 849°, λ-104°. Np2: 1.0x10^13, 0.43°, λ-75°

JMA 02 22:12:01.0, 2.0, 1.3018N, 131.35E, h35km, 1km, M3.5, Kyushu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JTN Tanegashima 3, JKC Kuchinoerabu, JTSR Tashiro 2, etc.

BJI 02 22:25:37.6, 7.17N, 93.29E, h30km, mB5.2, mb4.9

NEIC 02 22:25:45.0, 4.0, 7.88N, 93.55E, h30km, mb4.5/10, Error ellipse: s-maj=10.4km s-min=10.0km az=129.0

ISC 02 22:25:44.0, 0.6, 7.82N, 0.07, 93.55E, 0.07, h33km, n32, c098/32, mb4.7/17, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SNG Songkhla, NST Nakhon Sawan, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALM Baldy, SCM Sheep Creek Mo, CTGM Chitina Glacie, etc.

SNSN 03 02:52:44.8, 24.15N; 36.54E, M13.2
CSEM 03 02:52:45.5, 0.1, 24.05N; 36.39E, h40km, ML3.2, Error
ellipse: s-maj=4.7km s-min=3.4km az=154.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSHL Bir Shalalayn, HSHL Hagos, UMJS Umm Laji, etc.

NEIC 03 02:55:02.3, 51.27N; 174.24W, h5km, ML3.5(AEIC), After AEIC., Andreev Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA Atka Island, ATKA ATKA, GSG IGITIN Island, etc.

CSEM 03 03:09:59.6, 0.1, 46.10N; 12.47E, h15km, ML2.5/6, Error
ellipse: s-maj=2.1km s-min=1.2km az=14.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLNI Malnisio, MLNI MLNI, CSO Casso, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOTA Moosalm, MOTA MOTA, OBKA Obir, etc.

JMA 03 03:12:51.1, 0.3, 44.11N; 148.20E, M4.4, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JMA Rausu, JMA JRA, etc.

JMA 03 03:20:21.3, 0.1, 36.43N; 141.01E, h45km, 1km, M3.5

ISC 03 03:20:21.1, 1.6, 36.45N; 141.07E, 0.1, h34km, 31km, n10, c055/19, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO Hitachi, JHO JHO, ONAJ Iwakimizuishiy, etc.

ISC 03 04:31:47.9, 1.5, 15.1N; 0.2, 93.85E; 0.06, h33km, n15, c079/18, 1C, Bay of Bengal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NST Nakhon Sawan, CHG Chiang Mai, CHG CHIANG, etc.

TRN 03 04:59:41.3, 17.58N; 60.83W, h35km, MD3.6, M3.4(FDF), 1C, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPB Codrington, CPB Boggy Peak, BPA BPA, etc.

DJA 03 05:16:12.3, 0.6, 6.48S; 106.67E, h30km, 5km, mb4.4/4, ML4.1/1, 6C-5D, Error ellipse: s-maj=65.4km s-min=8.5km az=24.0, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PACI Pancar Gunung, PACI PULASARI, PUNI PUNDANGAN, etc.

BJI 03 06:30:46.6, 40.69N; 79.62E, h15km, mb4.2, ML3.9
NNC 03 06:30:50.8, 6.8, 40.85N; 79.44E, h13km, 25km, mpv3.9, Error ellipse: s-maj=57.4km s-min=22.8km az=154.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL Ulahol, TKM2 Tokmek 2, KBK Karagaybulak, etc.

CASC 03 07:08:19.2, 1.9, 8.28N; 82.85W, h1km, 8km, MD3.8, MW4.4, 1C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACR Cerro Adams, BRU2 Volcan, URSU Urasca, etc.

NEIC 03 07:25:51.7, 51.25N; 174.19W, h35km, ML3.5(AEIC), After AEIC., Andreev Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA Atka Island, ATKA ATKA, GSG IGITIN Island, etc.

NEIC 03 08:03:34.6, 32.75S; 71.93W, h39km, MD4.3(GUC), After GUC.

GUC 03 08:03:34.6, 0.9, 32.75S; 71.93W, h39km, 2km, MD4.3, ML4.0, 3C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IHA Istituto Hidir, IHA IHA, PACH Papudo, etc.

comp=N, 10um, 0.5s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACH Jahuel, JACH JACH, RCDM Rinconada Maip, etc.

comp=N, 7um, 0.1s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUEX Pudahuel, PUEX PUEX, TACH Talagante, etc.

DJA 03 08:25:28.2, 0.9, 10.43S; 114.16E, h33km, MD4.8/4, ML3.9/3, 5C-3D, Error ellipse: s-maj=20.9km s-min=12.3km az=39.0, South of Bali

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

MOE		eSn	S	11 35 08.8 -0.2	MIF		i/S	S	11 35 49.0 -4.0	EMAZ	Mazaricos	comp=Z,71nm,0.3s	6.39 350	Pn	P	11 35 46.7 0.0	
MOE	Montemor	1.98 341	Pn	11 34 46.4 +1.1	MTE	Manteigas	3.74 360	i/Pn	P	11 35 10.4 +0.4	EMOS	Mosqueruela	6.65 54	Pn	P	11 35 51.4 +1.1	
MOE	Montemor	1.98 341	Pn	11 35 08.8 -0.2	MTE	Manteigas	3.74 360	eSn	P	11 35 51.1 -2.0	EMOS	Mosqueruela	6.65 54	Pn	P	11 37 01.9 -3.5	
MOE	Montemor	1.98 341	Pn	11 34 46.4 +1.1	MTE	Manteigas	3.74 360	eSn	P	11 35 10.1 +0.1	EMOS	Mosqueruela	6.65 54	Pn	P	11 35 51.2 +0.9	
EBAD	Badajoz	2.14 11	Pn	11 34 48.3 +0.8	MTE	Manteigas	3.74 360	P	P	11 35 10.4 +0.4	EMOS	Mosqueruela	6.65 54	Pn	P	11 37 00.3 -5.0	
EBAD	Badajoz	2.14 11	Pn	11 34 48.2 +0.8	MTE	Manteigas	3.74 360	P	P	11 35 51.1 -2.0	EMOS	Mosqueruela	6.65 54	Pn	P	11 35 51.4 +1.1	
EBAD	Badajoz	60nm,0.1s,SNR=18	S	11 35 11.8 -1.0	MTE	Manteigas	3.74 360	ePn	P	11 35 10.1 +0.1	EMOS	Mosqueruela	6.65 54	Pn	P	11 37 01.8 -3.5	
EBAD	Badajoz	41nm,0.1s,SNR=18	Pn	11 34 48.3 +0.8	MTE	Manteigas	3.74 360	eSn	P	11 35 50.9 -2.2	EMOS	Mosqueruela	6.65 54	Pn	P	11 35 51.4 +1.1	
EBAD	Badajoz	104nm,0.1s	Sn	11 35 12.1 -0.7	EMEL	Melilla	3.93 109	P	P	11 35 13.4 +0.8	EMOS	Mosqueruela	6.65 54	Pn	P	11 37 01.8 -3.5	
EHOR	Hornachuelos	2.15 56	P	11 34 49.1 +1.4	EMEL	Melilla	3.93 109	Pn	P	11 35 55.0 -2.9	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMIJ	Mijas	2.21 91	Pn	11 34 49.6 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMIJ	Mijas	2.21 91	Pn	11 35 16.9 +2.3	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMIJ	Mijas	35nm,0.2s,SNR=18	P	11 34 49.6 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMIJ	Mijas	207nm,0.3s	S	11 35 15.9 +1.4	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMIJ	Mijas	23nm,0.2s,SNR=54	Pn	11 34 49.6 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMIJ	Mijas	98nm,0.3s	S	11 35 16.9 +2.3	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
LIS	Lisbon	2.44 328	eP	11 34 52.7 +0.9	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
LIS	Lisbon	11 35 19.8 -0.5	eS	P	11 35 19.8 -0.5	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1
LIS	Lisbon	11 35 22.5	eS	P	11 35 22.5	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7
LIS	Lisbon	comp=E,2um,0.3s	P	11 34 52.7 +0.9	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
LIS	Lisbon	11 35 19.8 -0.5	P	11 35 19.8 -0.5	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
INMG	Instituto de M	2.48 329	ePn	11 34 53.6 +1.3	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMAL	Malaga-Limoner	2.48 87	P	11 34 54.6 +2.3	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMAL	Malaga-Limoner	2.48 87	P	11 35 22.7 +1.2	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMAL	Malaga-Limoner	2.48 87	P	11 34 54.6 +2.2	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMAL	Malaga-Limoner	comp=E,14nm,0.1s,SNR=8	S	11 35 22.2 +0.7	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMAL	Malaga-Limoner	comp=E,78nm,0.2s,SNR=7.9	P	11 34 54.6 +2.3	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EMAL	Malaga-Limoner	comp=E,23nm,0.2s,SNR=7.9	S	11 35 22.7 +1.2	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EMAL	Malaga-Limoner	comp=E,91nm,0.4s,SNR=7.9	S	11 35 22.7 +1.2	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
PLOU	Loures	2.58 330	i/Pn	11 34 55.4 +1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
PLOU	Loures	comp=E,756nm,0.2s	eSn	11 35 25.4 +1.4	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
PLOU	Loures	2.58 330	P	11 34 55.4 +1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
PLOU	Loures	comp=E,378nm,0.2s	P	11 35 25.4 +1.4	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ALMR	Almeirim	2.64 342	eP	11 34 55.4 +0.8	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ALMR	Almeirim	comp=Z,621nm,0.0s	AML	11 34 55.4	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ALMR	Almeirim	11 35 23.8 -1.6	eS	P	11 35 23.8 -1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1
ALMR	Almeirim	11 35 23.9 -1.6	eS	P	11 35 23.9 -1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7
ALMR	Almeirim	2.64 342	P	11 34 55.4 +0.8	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ALMR	Almeirim	comp=Z,310nm,0.0s	P	11 34 55.4	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ALMR	Almeirim	11 35 23.8 -1.6	S	11 35 23.8 -1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
RTC	Rabat Centre	2.71 168	P	11 34 54.0 -1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
RTC	Rabat Centre	2.71 168	P	11 35 22.0 -5.3	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
RTC	Rabat Centre	2.71 168	P	11 34 54.0 -1.6	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELOJ	Sierra Loja	2.74 79	Pn	11 34 57.0 +1.0	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELOJ	Sierra Loja	2.74 79	Pn	11 35 28.6 +0.6	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELOJ	Sierra Loja	2.74 79	Pn	11 34 57.4 +1.4	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELOJ	Sierra Loja	comp=Z,28nm,0.2s,SNR=15	P	11 34 57.4 +1.4	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELOJ	Sierra Loja	comp=Z,82nm,0.3s,SNR=8.1	S	11 35 28.6 +0.6	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELOJ	Sierra Loja	2.74 79	Pn	11 34 57.0 +1.0	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELOJ	Sierra Loja	comp=Z,23nm,0.2s,SNR=15	S	11 34 57.0 +1.0	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELOJ	Sierra Loja	comp=Z,30nm,0.2s,SNR=8.1	Sn	11 35 28.6 +0.6	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELUO	Luque	2.75 70	Pn	11 34 57.2 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELUO	Luque	11 35 28.3 -0.1	Pn	11 35 28.3 -0.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELUO	Luque	2.75 70	Pn	11 34 57.2 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELUO	Luque	comp=Z,33nm,0.1s,SNR=14	S	11 34 57.2 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELUO	Luque	comp=Z,263nm,0.2s	S	11 35 29.2 +1.0	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ELUO	Luque	comp=Z,16nm,0.2s,SNR=14	Pn	11 34 57.2 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ELUO	Luque	comp=Z,50nm,0.2s	Sn	11 35 28.1 -0.1	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EADA	Adamuz	2.78 56	Pn	11 34 57.8 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EADA	Adamuz	2.78 56	Pn	11 35 28.3 -0.8	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EADA	Adamuz	comp=Z,144nm,0.2s,SNR=136	S	11 34 57.6 +1.0	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EADA	Adamuz	comp=Z,124nm,0.1s	S	11 35 27.6 -1.5	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
EADA	Adamuz	comp=Z,99nm,0.1s	Sn	11 35 28.3 -0.8	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
EADA	Adamuz	comp=Z,22nm,0.1s,SNR=136	Pn	11 34 57.7 +1.1	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ERON	Agron	3.00 82	Pn	11 35 02.1 +2.5	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ERON	Agron	3.00 82	Pn	11 35 32.7 -1.7	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ERON	Agron	comp=Z,38nm,0.2s,SNR=18	S	11 35 01.1 +1.5	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ERON	Agron	comp=Z,38nm,0.2s,SNR=18	S	11 35 33.6 -0.8	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ERON	Agron	comp=Z,95nm,0.4s,SNR=6.0	Pn	11 35 02.1 +2.5	EMLI	Melilla	3.94 109	Pn	P	11 35 14.6 +1.9	EPON	Pontenova	6.67 2	Pn	P	11 37 00.3 -5.7	
ERON	Agron	3.00 82	Pn	11 35 02.1 +2.5	EMLI	Melilla	3.94 109	Pn	P	11 35 55.8 -2.2	EPON	Pontenova	6.67 2	Pn	P	11 35 50.6 -1.1	
ERON	Agron	comp=Z,11nm,0.2s,SNR=18</															

Table with columns for station code, name, time, and various status indicators (AMS, P, M, etc.). Includes stations like Nikolayevsk, Magadan, Attu Island-Franco, etc.

Table with columns for station code, name, time, and various status indicators (SSE, XS, AMB, etc.). Includes stations like Ulaanbaatar, Ulaanbaatar, Ulaanbaatar, etc.

Table with columns for station code, name, time, and various status indicators (WVOR, GUN, CHMT, etc.). Includes stations like Wild Horse Val, Gumba, Chamberlain Mt, etc.

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

GUC 03 17:01:24.6:0.5, 29.60S-72.62W, h38km, 4km, MD3.7, ML3.6, 1C-1D, Off coast of central Chile

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

JMA 03 17:07:56.0:0.1, 27.68N-140.80E, h507km, M3.8, ISC 03 17:07:55.0:0.2, 27.5N-0.2-140.7E:0.6, h521km, 32km, n9, 0549/10, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichi jima, Haha-jima-NKT, Boso 1, etc.

JMA 03 17:08:12.2:0.1, 27.46N-140.90E, h476km, M4.2, ISC 03 17:08:10.9:0.6, 27.27N-0.06-140.4E:0.2, h475km, 9km, n30, 0591/36, mb4.5/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichi jima, Mitsune, Boso 1, Boso 3, Boso 4, etc.

MAN 03 17:26:19.8, 9.63N-126.29E, h19km, mb4.5, ML3.4, MS3.2, 2C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Surigao, Butuan, Bislig, Maasin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lapu-Lapu, Tagbilaran, Kidapawan, etc.

MOS 03 17:45:12.3:2.1, 4.59N-96.81E, h33km, mb5.0/12, MS4.5/7, Error ellipse: s-maj=22.8km s-min=11.3km, az=114.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSI, TSI, SNG, NST, etc.

AGT 03 17:49:41.0:0.2, 17.49N-119.40E, h507km, M3.8, ISC 03 17:49:40.2:0.6, 17.49N-119.40E:0.6, h521km, 32km, n9, 0549/10, Bonin Islands region

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

JMA 03 17:08:12.2:0.1, 27.46N-140.90E, h476km, M4.2, ISC 03 17:08:10.9:0.6, 27.27N-0.06-140.4E:0.2, h475km, 9km, n30, 0591/36, mb4.5/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mangalore, Kedondong, KEDI, Nagpur, etc.

MOS 03 17:45:12.3:2.1, 4.59N-96.81E, h33km, mb5.0/12, MS4.5/7, Error ellipse: s-maj=22.8km s-min=11.3km, az=114.2

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

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

MOS 03 17:45:12.3:2.1, 4.59N-96.81E, h33km, mb5.0/12, MS4.5/7, Error ellipse: s-maj=22.8km s-min=11.3km, az=114.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSI, TSI, SNG, NST, etc.

AGT 03 17:49:41.0:0.2, 17.49N-119.40E, h507km, M3.8, ISC 03 17:49:40.2:0.6, 17.49N-119.40E:0.6, h521km, 32km, n9, 0549/10, Bonin Islands region

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

JMA 03 17:08:12.2:0.1, 27.46N-140.90E, h476km, M4.2, ISC 03 17:08:10.9:0.6, 27.27N-0.06-140.4E:0.2, h475km, 9km, n30, 0591/36, mb4.5/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mangalore, Kedondong, KEDI, Nagpur, etc.

MOS 03 17:45:12.3:2.1, 4.59N-96.81E, h33km, mb5.0/12, MS4.5/7, Error ellipse: s-maj=22.8km s-min=11.3km, az=114.2

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Time, Res. Includes stations like Apacha, Karmyshinskiy, Petropavlovsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Time, Res. Includes stations like AVF, LPL, EPF, etc.

NEIC 03 18:59:34.2, 37.525S, 176.62E, h211km, After WEL. WEL 03 18:59:34.2, 37.555S, 176.61E, h213km, ML3.8/7, 3D, Error ellipse: s-maj=3.5km s-min=3.1km az=90.0,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ, MWZ, MZK, etc.

CSEM 03 19:31:31.8, 0.1, 37.12N, 28.44E, h13km, 1km, MD3.1, Error ellipse: s-maj=2.7km s-min=1.2km az=42.0, ISK 03 19:31:31.6, 36.95N, 28.28E, h28km, MD3.1, ATH 03 19:31:33.3, 37.00N, 28.26E, h17km, 3km, MD3.0/4, NEIC 03 19:31:33.3, 37.00N, 28.26E, h17km, MD3.0(ATH), After ATH,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DALT, MILSB, FETV, etc.

WEL 03 19:32:07.7, 0.5, 37.24S, 179.59E, h12km, ML3.6/13, Error ellipse: s-maj=5.6km s-min=3.3km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ, URZ, EDRZ, etc.

JMA 03 19:35:13.4, 0.3, 23.04N, 121.50E, h65km, M3.2, TAP 03 19:35:13.5, 23.18N, 121.34E, h16km, ML3.7, TAP Felli III, J at Chengungui, J at Yuli, ISK 03 19:35:12.6, 0.3, 23.13N, 0.02, 121.47E, 0.02, h21km, 3km, n60, c0889/104, 15C-1D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHKT, WFW1, EHY, etc.

KRSC 03 19:58:54.4, 1.6, 48.53N, 156.73E, h48km, 16km, ML5.3, BUI 03 19:58:57.2, 49.31N, 156.48E, h29km, mB5.1, mB5.0, Ms4.6, Ms24.5, NEIC 03 19:58:59.2, 6.9, 49.12N, 156.03E, h10km, 16km, mb4.9/6/2, Error ellipse: s-maj=9.2km s-min=5.7km az=151.0, CSEM 03 19:59:01.3, 49.30N, 156.25E, h30km, mB5.5, MOS 03 19:59:04.4, 1.5, 49.20N, 155.97E, h5km, mB5.1/4/2, MS4.1/6, Error ellipse: s-maj=11.1km s-min=5.1km az=99.4,

ISC 03 19:58:58.1, 0.3, 49.01N, 0.04, 156.12E, 0.07, h16km, h16km, 2.6km, pP-P, n240, c011/258, mb4.8/7.0, MS4.3/3, 22C-12D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ALID, PAU, RUS, etc.

comp=Z,4.0nm,0.6s,mb4.8
 SJFP Seta Jean 86.13 344 eP P 20 11 41.4 +2.2
 ETSF Etsau 86.21 343 eP P 20 11 41.9 +2.3
 ETSF comp=Z,6.6nm,0.7s,mb4.7
 Etsau 86.71 343 eP P 20 11 41.9 +2.3
 ETSF comp=Z,3.0nm,0.6s,mb4.7

NIED 03 20:06:00.35.00N,131.60E,h11km,Mw4.0 Best double couple: $M_0=1.06 \times 10^{15}$ $NP1_{36} \delta 61^\circ, \delta 51^\circ, \lambda 17^\circ$. $NP2_{36} \delta 177^\circ, \delta 45^\circ, \lambda 1^\circ$
JMA 03 20:06:31.4.35.03N,131.58E,h19km,M4.0 Broadband fault plane solution: P waves. $NP1_{36} \delta 61^\circ, \delta 46^\circ, \lambda 16^\circ$. $NP2_{36} \delta 160^\circ, \delta 81^\circ, \lambda 44^\circ$. Principal axes: T P1g37°, Azm31°; N P1g45°, Azm169°; P P1g22°, Azm283°;
 JMA Felt II J1.
ISC 03 20:06:31.8.2.9.35.0N,0.1x131.6E,0.2,h24km,17km,n4,
c0572/8,3D,Sea of Japan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
JHIK	Hikimi	0.56	152	Op	Pb	S	20 06 42.6	-0.2
JHIK	Hikimi	0.56	152	Op	Sb	S	20 06 50.3	-0.1
JGJT	Gotsu	0.59	89	Op	Sb	S	20 06 43.1	-0.4
JGT	Toyohira	0.76	118	Op	Sb	S	20 06 51.6	+0.1
JHT	Toyohira	0.76	118	Op	Sb	S	20 06 46.0	-0.2
JHT	Toyohira	0.76	118	Op	Sb	S	20 06 56.6	+0.5
MAT	Matsushiro	5.57	72	P	Sn	S	20 07 01.9	+1.0
MAT	Matsushiro	5.57	72	P	Sn	S	20 08 58.8	-0.7

ATH 03 20:06:35.6.37.47N-22.00E,h5km,MD3.7/14,ML3.5
CSEM 03 20:06:35.7.0.1,37.48N-22.00E,h10km,ML3.5,Error
 ellipse: s-maj=2.0km s-min=1.7km az=86.0
NEIC 03 20:06:35.6.37.47N-22.00E,h5km,MD3.7(ATH),After
ATH.

ISC 03 20:06:35.5.0.4,37.49N.0.03-22.03E,0.04,h5km,n37,
c1532/42,Southern Greece

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ITM	Ithomi	0.32	194	ePg	Pg	S	20 06 41.6	+0.3
ITM	Ithomi	0.32	194	ePg	Pg	S	20 06 45.9	-0.3
RLS	Riolos of Patr	0.72	322	ePg	Pg	S	20 06 49.1	-0.9
VELAI	Velai	1.06	136	ePb	Pb	S	20 07 03.2	+0.3
MGER	Gerania Obsv	1.10	63	ePg	Pg	S	20 06 56.5	-1.0
MGER	Gerania Obsv	1.10	63	ePg	Pg	S	20 07 12.5	+1.4
NAIG	Nisos Aigina	1.19	76	ePg	Pg	S	20 06 58.2	-1.2
NSAL	Nisos Salamina	1.22	69	ePn	Pn	S	20 06 58.8	-0.7
VL5	Valsamata	1.33	333	ePb	Pb	S	20 07 02.6	+0.3
LKR	Lokris	1.39	33	ePg	Pg	S	20 07 01.6	-1.8
ATH	Athens Observa	1.43	70	ePg	Pg	S	20 07 02.5	-1.5
ATH	Athens Observa	1.43	70	ePg	Pg	S	20 07 23.7	+3.1
EVYR	Evyryntia	1.44	353	ePg	Pg	S	20 07 02.1	-2.1
KYTH	Kithira	1.45	146	ePb	Pb	S	20 07 04.5	+1.9
MPAR	Parnis Oros	1.51	63	ePg	Pg	S	20 07 04.0	-1.7
MPAR	Parnis Oros	1.51	63	ePg	Pg	S	20 07 26.5	+3.5
AGG	Agios Georgios	1.55	9	ePn	Pn	S	20 07 03.9	-1.1
PTL	Penteli	1.56	68	ePb	Pb	S	20 07 04.2	-2.5
PTL	Penteli	1.56	68	ePb	Pb	S	20 07 27.5	+2.9
NEO	Neokhorh	2.05	27	ePg	Pg	S	20 07 15.8	-0.6
XOR	Xorhithi	2.09	26	ePg	Pg	S	20 07 11.3	-0.4
AOS	Alonnisos	2.23	40	ePn	Pn	S	20 07 07.1	-2.9
MEV	Metsovon	2.38	345	ePn	Pn	S	20 07 18.4	+2.6
IGT	Igoumenitsa	2.44	327	ePn	Pn	S	20 07 17.6	+1.0
LIT	Litokhoron	2.63	8	ePn	Pn	S	20 07 19.2	+0.3
VAM	Vamos	2.72	139	ePn	Pn	S	20 07 23.5	+2.8
PAIG	Paliouri	2.76	27	ePn	Pn	S	20 07 21.9	+0.7
KZN	Kozani	2.82	356	ePn	Pn	S	20 07 24.8	+2.7
KEK	Kerkira	2.83	323	ePg	Pg	S	20 07 26.5	-5.4
APE	Apeiranthos	2.83	97	ePn	Pn	S	20 07 21.6	-0.6
PLG	Polygyros	3.09	21	ePn	Pn	S	20 07 27.3	+1.4
OUR	Ouranopolis	3.23	28	ePn	Pn	S	20 07 27.2	+0.7
FNA	Florina	3.33	351	ePn	Pn	S	20 07 29.4	0.0
GRG	Griva	3.48	5	ePn	Pn	S	20 07 31.3	-0.1
SOK	Sokhos	3.49	17	ePn	Pn	S	20 07 32.1	+0.5
KNT	Kendrikion	3.73	10	ePn	Pn	S	20 07 35.0	-0.1
SRS	Serrai	3.82	18	ePn	Pn	S	20 07 37.5	+1.2
MMB	Musomiste	4.00	17	S	S	S	20 07 37.6	+1.6
KKB	Krupnik	4.20	10	ePn	Pn	S	20 07 45.5	+0.2
ALN	Alexandroupoli	4.62	41	ePn	Pn	S	20 07 46.1	-1.6
RZN	Rozhen	4.68	26	S	S	S	20 08 43.5	-0.5
VTS	Vitosha	5.18	10	P	Pn	S	20 07 56.0	+0.4

BUJ 03 20:09:50.4.26.42N-99.96E,h14km,mb3.9,ML3.8,Ms3.8,
Ms3.7,Yunnan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
GUN	Gumba	12.62	280	eP	P	S	20 12 49.4	-3.1
PKI	Pulchoki	13.03	278	eP	P	S	20 12 51.6	-6.2
KKN	Kakani	13.15	279	eP	P	S	20 12 55.2	-4.2
DMN	Daman	13.30	278	eP	P	S	20 12 54.1	-7.3
KOLN	Koldanda	14.64	279	eP	P	S	20 13 07.8	-1.1

WEL 03 20:26:40.7.0.3,41.11S-172.95E,h147km,2km,ML3.5/9,
6C,Error ellipse: s-maj=2.1km s-min=1.9km az=0.0,
South Island

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
NNZ	Nelson	0.34	109	Op	Sn	S	20 27 01.2	-0.3
NNZ	Nelson	0.34	109	Op	Sn	S	20 27 16.3	-1.2
QRZ	Quartz Range	0.43	131	Op	Sn	S	20 27 01.1	-0.7
QRZ	Quartz Range	0.43	131	Op	Sn	S	20 27 16.1	-2.0
THZ	Tophouse	0.66	183	Op	Sn	S	20 27 02.8	-0.2
THZ	Tophouse	0.66	183	Op	Sn	S	20 27 19.3	-0.9
TUWZ	Tuamarina	0.81	114	Op	Sn	S	20 27 04.1	0.0
TUWZ	Tuamarina	0.81	114	Op	Sn	S	20 27 20.9	-1.0
BSWZ	Blackbirch Sta	0.92	131	Op	Sn	S	20 27 23.3	0.0
BSWZ	Blackbirch Sta	0.92	131	Op	Sn	S	20 27 23.0	-2.6
DSZ	Denniston Nort	1.07	233	Op	Sn	S	20 27 05.3	-0.8
MRW	Makara Radio	1.32	96	Op	Sn	S	20 27 08.2	-0.4
MRW	Makara Radio	1.32	96	Op	Sn	S	20 27 27.7	-2.3
KHZ	Kahutara	1.38	162	Op	Sn	S	20 27 08.8	-0.3
KHZ	Kahutara	1.38	162	Op	Sn	S	20 27 29.0	-2.0
BHW	Baring Head	1.48	102	Op	Sn	S	20 27 09.5	-0.6
BHW	Baring Head	1.48	102	Op	Sn	S	20 27 30.1	-2.7
KIW	Kapiti Island	1.50	81	Op	Sn	S	20 27 09.9	-0.5
KIW	Kapiti Island	1.50	81	Op	Sn	S	20 27 31.7	-1.6
CAW	Cannon Point	1.60	91	Op	Sn	S	20 27 10.8	-0.7
CAW	Cannon Point	1.60	91	Op	Sn	S	20 27 33.0	-2.1
LTZ	Lake Taylor	1.75	197	Op	Sn	S	20 27 12.4	-0.7
LTZ	Lake Taylor	1.75	197	Op	Sn	S	20 27 34.7	-3.3
MSWZ	Moikau Station	1.76	101	Op	Sn	S	20 27 12.5	0.7
MSWZ	Moikau Station	1.76	101	Op	Sn	S	20 27 35.5	-2.7
PAWZ	Parawai Farm	1.89	99	Op	Sn	S	20 27 13.8	-0.8
PAWZ	Parawai Farm	1.89	99	Op	Sn	S	20 27 38.0	-2.8
MTW	Mount Morrison	1.93	92	Op	Sn	S	20 27 14.3	-0.9
MTW	Mount Morrison	1.93	92	Op	Sn	S	20 27 39.0	-2.6
MRZ	Mangatainoka R	2.04	78	Op	Sn	S	20 27 15.3	-1.2
MRZ	Mangatainoka R	2.04	78	Op	Sn	S	20 27 41.9	-2.1
PKE	Pukeiti	2.07	23	Op	Sn	S	20 27 16.2	-0.7
CRZL	Canterbury Las	2.48	186	Op	Sn	S	20 27 48.9	-4.7
VWZ	Waikaha Valley	2.56	219	Op	Sn	S	20 27 21.0	-2.2
MGZ	MQueen's Vall	2.61	185	Op	Sn	S	20 27 21.4	-2.3
MGZ	MQueen's Vall	2.61	185	Op	Sn	S	20 27 41.1	-2.1
CNZ	Chateau	2.76	47	Op	Sn	S	20 27 23.8	-1.7
TUVZ	Tukino	2.77	49	Op	Sn	S	20 27 23.9	-1.8
TUVZ	Tukino	2.77	49	Op	Sn	S	20 27 23.8	-2.2
TUVZ	Tukino	2.77	49	Op	Sn	S	20 27 27.4	-1.4
MGZ	Mangatainoka R	2.89	44	Op	Sn	S	20 27 25.6	-1.7
FOZ	Fox Glacier	3.44	224	Op	Sn	S	20 27 36.7	-3.2
LBZ	Lake Benmore	3.86	211	Op	Sn	S	20 27 36.7	-3.2
ODZ	Otahua Downs	4.28	202	Op	Sn	S	20 27 42.8	-2.7
ODZ	Otahua Downs	4.28	202	Op	Sn	S	20 28 28.9	-6.5
JCZ	Jackson Bay	4.94	225	Op	Sn	S	20 27 42.0	-3.5

NEIC 03 20:38:48.2.37.39S-179.82E,h12km,ML4.1(WEL),After
WEL.

WEL 03 20:38:48.0.8.37.36S-179.83E,h12km,ML4.1/15,
Error ellipse: s-maj=8.7km s-min=6.6km az=0.0,Off
east coast of N-Ireland

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
MXZ	Matakaoa Point	1.23	260	P	Sb	S	20 39 09.5	-1.1
MXZ	Matakaoa Point	1.23	260	P	Sb	S	20 39 26.5	+0.3
MXZ	Matakaoa Point	1.23	260	P	Sb	S	20 39 26.5	+0.3
MXZ	Matakaoa Point	1.23	260	P	Sb	S	20 39 26.6	+0.4
PUZ	Puketiti	1.43	240	eP	Sn	S	20 39 11.8	-2.1
PUZ	Puketiti	1.43	240	eP	Sn	S	20 39 31.8	-0.6
PUZ	Puketiti	1.43	240	eP	Sn	S	20 39 31.6	-1.2
PUZ	Puketiti	1.43	240	eP	Sn	S	20 39 31.6	-1.2
MWZ	Matawai	2.06	241	eP	Sn	S	20 39 21.4	-1.5
MWZ	Matawai	2.06	241	eP	Sn	S	20 39 21.4	-1.6
URZ	Urewera	2.33	247	eP	Sn	S	20 39 47.5	-1.2
URZ	Urewera	2.33	247	eP	Sn	S	20 39 25.4	-1.4
KNZ	Kokohu	2.37	225	P	Pn	S		

Table of station data for the left column, including call signs like UCC, ETSF, ETSF, SJPF, SJPF, MFF, MFF, OBN, OBN, OBN, etc., and their associated frequencies and parameters.

Table of station data for the middle column, including call signs like MK02, MK02, WMQ, WMQ, WMQ, etc., and their associated frequencies and parameters.

Table of station data for the right column, including call signs like KELI, SRDI, SRDI, SRDI, etc., and their associated frequencies and parameters.

Table with columns: ENIJ, Nijar, 2.38 64, P, P, 00 51 27.9 +0.5, etc. Lists various stations and their coordinates.

Table with columns: OUK, Oukaimeden, 5.35 209, P, P, 00 52 09.0 +0.4, etc. Lists various stations and their coordinates.

Table with columns: LFF, La Frestale, 9.94 24, ePn, P, 00 53 11.6 0.0, etc. Lists various stations and their coordinates.

LDG 04 01:13:18.9; 0.1, 44.54N; 7.29E, h3km, Md2.5/1, ML2.6/8, Error ellipse: s-maj=2.5km s-min=1.2km az=63.0 CSEM 04 01:13:18.4; 0.1, 44.55N; 7.31E, h10km, ML2.6/8, Error ellipse: s-maj=1.6km s-min=1.0km az=76.0 GEN 04 01:13:19.3; 44.51N; 7.23E, h13km, ML2.6 NEIC 04 01:13:19.3; 44.51N; 7.23E, h13km, ML2.6(GEN), ML2.6(LDG), ML2.6(STRI), After GEN, ISC 04 01:13:18.5; 0.3, 44.52N; 0.01; 7.22E; 0.03, h13km, 2km, n49, <0.571/83, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists station codes, names, and associated data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIV Kislovodsk, CSS Prodhromos, KMBO Kilima Mbogo, etc.

BJIJ 04 02:04:45.3, 4.05N:93.15E, h57km, mB5.1, mb4.9, Ms4.6, Ms24.3

HRVD 04 02:04:46.5, 0.5, 4.45N:93.16E, h20km, 1km, MW4.9/44, Centroidal moment Tensor Solution. LP body waves: s19 c24; Mantle waves: s44 c69; Half duration: 0 Moment tensor: Scale 10^19Nm; Mir-1.68; 20; Mw=0.13; 12; Mw=1.81; 15; Mw=1.20; 27; Mw=2.26; 10; Mw=0.14; 26; Best double couple: Ms3.057x10^16 NP1:182, 854, 1-32; NP2:293, 864, 1-139; Principal axes: T 3.362, Plg6, Azm55; N-609, Plg43, Azm319; P-2.751, Plg46, Azm152; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 02:04:46.5, 0.4, 4.51N:93.10E, h30km, mb4.9/14 Error ellipse: s-maj=13.2km s-min=8.6km az=222.0

ISC 04 02:04:44.7, 0.4, 5.0N:101.93E, 0.05, h30km, (h44km, 2.0km; p-P), n53, c1824/63, mb5.0/25, MS4.4/7, 1C-5D, Off west coast of northern Sumatra

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNG Songkhla, PALK Pallekele, CM31 Chiang Mai Arr, etc.

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WMQ WMO, Urumqi, etc.

CASC 04 02:13:19.4, 2.6, 14.00N:91.61W, h18km, 11km, MD3.9, ML4.1, 2C-6D, Near coast of Guatemala

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, TP2 Tecpan 2, etc.

KRSC 04 02:19:05.0, 0.2, 48.89N:156.57E, h40km, 10km, ML4.2, East of Kuril Islands

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, ALID Alaid, PAU Pauzhetka, etc.

JMA 04 02:22:31.8, 0.3, 24.05N:122.50E, h22km, ML1.9

TAP 04 02:22:31.2, 23.97N:122.41E, h14km, 1km, ML3.0, Taiwan region

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, HATJ Hateruma jima, etc.

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, HATJ Hateruma jima, etc.

NIED 04 02:24:00.24, 0.00N:122.50E, h29km, Mw4.3 Best double couple: Ms3.34x10^15 NP1:239, 888, 1-79; NP2: 9, 337, 811, 1-172; BJIJ 04 02:24:47.8, 23.92N:122.50E, h32km, mB4.8, mb4.1, ML3.9, Ms4.2, Ms24.0

TAP 04 02:24:48.3, 23.96N:122.42E, h10km, 1km, ML4.2

JMA 04 02:24:49.3, 0.3, 24.05N:122.51E, h31km, M4.3

ISC 04 02:24:48.9, 1.0, 24.1N:122.43E, 0.04, h45km, 10km, n13, c974/20, Mb3.7/3, 1D, Taiwan region

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, HATJ Hateruma jima, etc.

BJIJ 04 02:49:15.7, 8.10N:94.11E, h45km, mB5.5, mb4.6, Ms5.1, Ms24.7

NEIC 04 02:49:16.7, 0.5, 8.45N:94.08E, h30km, mb4.7/17, Error ellipse: s-maj=19.8km s-min=10.1km az=54.0

ISC 04 02:49:15.1, 0.4, 8.32N:106.93, 87E, 0.08, h30km, n39, c1814/42, mb4.6/21, MS4.8/1, 1C, Nicobar Islands region

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VIS Vishakhapatnam, BWNR Bhubaneshwar, etc.

WMO WMO

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MBWA Marble Bar, MUN Mundaring, etc.

WRAB Tennant Creek

KIV Kislovodsk

KMBO Kilima Mbogo

MALT Malatya

STKA Stephens Creek

MBAR Mbarara

LSZ Lusaka

JOF Joensuu

KAF Kangasniemi

BOSA Boshof

CLL Collm

NB2 NORSAR Subarra

LPG La Plagne

IMA Indian Mountain

TAP 04 02:50:53.7, 24.14N:122.84E, h35km, ML2.9

JMA 04 02:50:56.4, 0.4, 23.99N:122.55E, h17km, M2.1, Taiwan region

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes sub-sections for 'Near coast of Guerrero' and 'Near coast of North Island'.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes sub-sections for 'Near east coast of Kamchatka Peninsula' and 'Near coast of central Chile'.

CSEM 04 06:52:08.6, 33.30N-47.97E, h16km, ML3.2, After TEH
TEH 04 06:52:08.6, 33.30N-47.97E, h16km, Mn3.2, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IKOM Komasi, IVIS Veys, IGHG Ghahghazi, etc.

IGQ 04 06:54:28.2, 2.03S-77.91W, h199km, mb4.3, 18D, Error ellipse: s-maj=5.6km s-min=3.2km az=70.7, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PATA Patacocha, ARRY Arrayan, ULBA Ulba, etc.

SOF 04 06:56:27.8, 42.16N-24.87E, h11km, MD2.8
CSEM 04 06:56:27.8, 42.21N-24.84E, h2km, MD2.8, Error ellipse: s-maj=3.8km s-min=2.5km az=15.0

THE 04 06:56:29.8, 42.11N-24.93E, h2km, ML3.0
ISC 04 06:56:29.0, 42.19N-24.93E, h2km, n14, #091/25, Bulgaria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLD Plovdiv, RZN Rozhen, RZN RZn, etc.

NEIC 04 07:26:24.7, 36.68N-9.75W, h15km, MG4.0(MDD), After MDD

INMG 04 07:26:25.7, 1.1, 36.69N-9.69W, h10km, 6km, MD2.6, ML2.5, Error ellipse: s-maj=6.2km s-min=3.0km az=57.0
CSEM 04 07:26:25.0, 1.1, 36.72N-9.47W, h15km, ML2.5, Error ellipse: s-maj=12.3km s-min=7.7km az=45.0

MDD 04 07:26:24.9, 1.5, 36.63N-9.78W, h23km, 35km, mbLg3.0/24.1C, Error ellipse: s-maj=41.2km s-min=8.5km az=46.0, PRXIMO PROFUNDIDAD POBRE, West of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PTEO Sao Teotónio, PALC Alcouthim, EGRO El Granado, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EBAD Badajoz, ESPR Espera, PTOM Tomar, etc.

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

JMA 04 07:55:09.7, 0.3, 23.86N-121.69E, h62km, M3.7
TAP 04 07:55:09.6, 23.84N-121.61E, h42km, ML4.1
TAP Felt I J at Hualien, II J at Shilin, I J at Hungye, I J at Hehuanshan, I J at Nanau.

ISC 04 07:55:09.6, 0.2, 23.81N-121.69E, 0.02, h37km, 6km, n60, #0582/112, 8C-3D, Taiwan

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

NEIC 04 08:30:24.7, 10.44N-61.15W, h32km, MD3.6(TrN), After TrN

TRN 04 08:30:24.7, 10.44N-61.15W, h32km, MD3.6, 1D, Trinidad

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

BUJ 04 08:49:39.2, 24.84N-98.75E, h24km, mb4.5, mb3.9, ML4.1, 1D, Myanmar-China border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHTR Chiangrai.

2005 JAN

4d 9h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, MDU Murduru, ISP Isparta, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PET comp=Z,800nm,16.7s, VTS Vitosh, KKB Krupnik, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SRO1 Iza, KEV Kevo, KEV Kevo, etc.

Table of astronomical data for 4d 9h, listing objects like ERUA, EINC, EMIN, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for 2005 JAN, listing objects like NEN, PVI0, PFO, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for 92, listing objects like MDJ, MDJ, MDJ, etc., with columns for name, coordinates, magnitude, and other parameters.

BER 04 09:48:24.1±3.9, 74.63N±9.19E, h14km±77km, MD2.6, ML2.4, ML2.3(NAO)
NAO 04 09:48:25.2±4.74, 75N±10.96E, ML2.3
ISC 04 09:48:25.3±2.9, 74.72N±0.08±11.7E±0.9, h10km±n5, s102/9, Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like HSP, HSP, SPA0, etc.

BUI 04 09:17:52.7, 10.39N±92.46E, h64km, mB5.5, mB5.2, Ms5.9, Msz5.6
NEIC 04 09:17:53.7±2.4, 10.61N±92.39E, h44km±21km, mB5.2/24, Error ellipse: s-maj=14.5km s-min=8.7km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like CM31, VIS, VIS, etc.

ISC 04 09:17:46.4±2.0, 10.58N±10.05±92.28E±0.05, h9km±13km, h45km±4.7km pp-P, n53, s1502/55, mB5.1/30, MS5.6/3, 7C-3D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like BHWNR, MDRS, BOK, etc.

BUI 04 09:58:57.5, 3.61N±94.88E, h49km, mB5.7, mB5.0, Ms5.2, Msz4.9
MOS 04 09:58:58.0±0.9, 4.18N±94.93E, h33km, mB5.2/24, Error ellipse: s-maj=17.2km s-min=7.4km az=115.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like PALK, CHG, NAN, etc.

HRVD 04 09:58:59.7±1.0, 3.99N±94.69E, h28km±1km, MW4.9/33, Centroid moment Tensor Solution. LP body waves: s8,c9; Mantle waves: s33,c51; Half duration: 0 Moment tensor: Scale 1016Nm; Mr-3.05±3; Mw±2.86±24; Mw0.18±25; Mw-0.02±28; Mw0.33±14; Mr-0.39±50; Best double couple: M2, 99%±1016 NP (p270°, s45°-A-80°-NP2: p176°, s46°-A-99°). Principal axes: T, 2.902, P1g1° Azm173°-N, 1.91, P1g1°; Azm83°-P, 3.095, P1g83°; Azm266°-nsta, 1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like PALK, CHG, NAN, etc.

NEIC 04 09:58:59.7±0.2, 4.05N±94.78E, mB5.2/39, Error ellipse: s-maj=7.8km s-min=5.3km az=213.0
ISC 04 09:58:58.2±0.3, 4.06N±0.06±94.90E±0.05, h33km, (h31km±1.9km) pp-P, n141, s0598/142, mB5.1/64, MS4.9/4, 8C-12D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like PALK, CHG, NAN, etc.

NEIC 04 09:58:59.7±0.2, 4.05N±94.78E, mB5.2/39, Error ellipse: s-maj=7.8km s-min=5.3km az=213.0
ISC 04 09:58:58.2±0.3, 4.06N±0.06±94.90E±0.05, h33km, (h31km±1.9km) pp-P, n141, s0598/142, mB5.1/64, MS4.9/4, 8C-12D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like PALK, CHG, NAN, etc.

NEIC 04 09:58:59.7±0.2, 4.05N±94.78E, mB5.2/39, Error ellipse: s-maj=7.8km s-min=5.3km az=213.0
ISC 04 09:58:58.2±0.3, 4.06N±0.06±94.90E±0.05, h33km, (h31km±1.9km) pp-P, n141, s0598/142, mB5.1/64, MS4.9/4, 8C-12D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Lists stations like PALK, CHG, NAN, etc.

2005 JAN

4d 12h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MOE Montemor, EBAJ Badajoz, EBAJ Badajoz, etc.

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

MAN 04 11:30:09.1, 5.79N-124.36E, h33km, mb4.3, ML3.2, MS3.0, 3C, Mindanao

NEIC 04 11:55:45.5, 54.72N-156.81W, h20km, ML3.5(AEIC), After AEIC., South of Alaska

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ANPB Aniakhak Plen, ANPK Aniakhak Peak, etc.

CSEM 04 12:09:15.0, 1.6, 38.67N-28.46W, h14km, ML 1.8, Error ellipse: s-maj=52.6km s-min=31.3km az=147.0, After PDA

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PICO Pico, ROSA Rosais, ROSA Rosais, etc.

BUI 04 12:15:26.4, 8.20N-93.56E, h30km, mb5.3, mb4.7, Ms4.6, Ms2.3

MOS 04 12:15:31.6, 0.7, 8.83N-93.77E, h32km, mb5.3/20, Error ellipse: s-maj=15.6km s-min=6.9km az=115.3

HRVD 04 12:15:33.5, 0.7, 8.83N-93.64E, h12km, MW4.9/29, Centroid moment Tensor Solution. LP body waves: s5,c5; Mantle waves: s29,c39; Half duration: 0. Moment tensor: Scale 10^19Nm; Mr-1.53e.11; Mw0.41e.09; Mw1.12e.10; Mw-1.46e.43; Mw0.61e.09; Mr-1.37e.38; Best double couple: M2, 49x10^16 Np1x199, s207, A-112; NP2: Azm 127; N-142; Plg7; Azm221; P-2.568, Plg62; Azm325; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 12:15:33.5, 0.2, 8.86N-93.67E, h30km, mb5.0/44, Error ellipse: s-maj=7.3km s-min=5.3km az=224.0

ISC 04 12:15:31.1, 1.3, 8.81N, 0.04, 93.61E, 0.04, h27km, g9km, h25km, p2.8km, pP, n160, s190/174, mb4.9/62, MS4.4/5, 10C-12D, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNG Songkhla, NST Nakhon Sawan, CM31 Chiang Mai Arr, etc.

DJA 04 11:17:46.1, 0.9, 8.51S-114.47E, h139km, 6km, MD5.0/4, ML4.2/2, 2C-6D, Error ellipse: s-maj=40.1km s-min=10.9km az=7.0, Bali region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KELI Kelakatan, KELI Kelakatan, SRDI Scrawed, etc.

NEIC 04 11:22:05.2, 35.89S-72.37W, h18km, ML4.4(GUC), After GUC. NEIC Felt [V] at Cauquenes; [III] at Constitucion and Talca; [II] at Curico and Linhares. GUC 04 11:22:05.2, 0.8, 35.89S-72.37W, h18km, 4km, ML4.4,

ISC 04 11:26:15.5, 3.4, 9.9N, 0.7, 92E, h33km, n10, 0.05411, 10, mb4.7/2, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JIRN Jiri, PKI Pulchoki, DMN Daman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PTEO, and various station details. Includes stations like Mijas, Malaga-Limoner, Sierra Loja, Lijar, Espera, Berja, etc.

Table with columns: PTEO, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Sao Teotonio, Castelo Branco, Guadarrama, Calabor, etc.

Table with columns: SMQ, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Baie Comeau, La Grande 4, La Malbaie, etc.

BJI 04 17:01:44.5, 4. 31N:95. 18E, h50km, mb5.0, mb4.9, Ms4.9, MOS 04 17:01:46.3, 0.9, 4.99N-95.31E, h36km, mb5.0/15, Error ellipse= s-maj=20.4km s-min=8.9km az=111.6 NEIC 04 17:01:46.3, 0.4, 6.7N-95.08E, h30km, mb4.8/28, Error ellipse= s-maj=13.4km s-min=7.3km az=215.0 CSEM 04 17:01:47.0, 5. 16N:95. 52E, h33km, mb5.6 ISC 04 17:01:47.0, 0.4, 4.78N, 0.06, h48km, h48km, 3.1km, p-P, n105, s1908/114, mb4.8/51, MS4.3/3, 12C-7D, Northern Sumatera

PRU 04 16:56:08.6, 50. 18N-19. 22E WAR 04 16:56:09.0, 50.20N-19.31E, h0km, ML2.5, Mining

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Ojcow, Ostrava-Krasne, Niedzica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Chumysh, Ojcow, Ostrava-Krasne, etc.

OTT 04 16:58:22.1, 0.1, 52.72N-67.28W, MN3.1/7, Blast, Mount Wright, Qc Mining explosion, Northern Quebec

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NVS Novosibirsk, PMG Port Moresby, KLR Kuldur, BOD Bodaibo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JYG Yagshiri, JSS Shosha, ISC 04 18:00:02.3, 0.8, 8N, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BKZ Black Stump Fm, KUZ Kuatunu, TSZ Takapari Road, etc.

2005 JAN

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes stations like LSA Lhasa, GKN Gorkha, KEDI Kedomdong, etc.

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes stations like AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Call Sign, Location, Frequency, Power, and other technical details. Includes stations like CLNS comp=Z,1um,15.0s,MS5.2, STKA Stephens Creek, T12 Plekhanov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Marysvalde, Blue Mountains, Trail Mountain, etc.

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

ISC 05 00:11:21.9-0.7, 46.39N, 0.04, -15.07E, 0.04, n8, 0.073/15, 3C-1D, Northwestern Balkan Peninsula

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

WEL 05 00:16:16.1-0.4, 45.115N, 167.42E, h112km, 3km, ML3.5/5, 2C, Error ellipse: s-maj=3.4km s-min=1.7km az=90.0, South Island

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

GUC 05 00:18:34.0-0.5, 32.66S, 71.78W, h20km, 11km, MD3.5, ML2.2, 1D, Near coast of central Chile

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

MAN 05 00:26:35.8, 10.32N, 121.97E, h1km, mb4.1, ML2.9, MS2.6, 1C, Panay

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

NEIC 05 00:50:32.0, 51.26N, 174.20W, h10km, mb4.0/2, ML3.0(AE/C), After Aftershock

ISC 05 00:50:31.0, 2.1, 51.22N, 0.09, 174.19W, 0.07, h27km, 12km, n44, 0.068/48, mb4.7/23, Andreanof Islands

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

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

NIED 05 01:23:00.36, 70N, 141.70E, h20km, Mw4.3, Best double couple: M3.0, 3.05x10^15 Np1, 3.32, 872, 1.107, NP2, 166, 825, 147

JMA 05 01:23:25.6, 0.2, 36.73N, 141.67E, h49km, M4.1, MOS 05 01:23:27.0, 0.7, 37.14N, 141.62E, h33km, mb4.8, 3/3, Error ellipse: s-maj=17.0km s-min=14.4km az=101.6

BUJ 05 01:23:28.4, 37.10N, 141.50E, h48km, mb4.9, mb4.3, M54.1

NEIC 05 01:23:30.4, 1.7, 37.06N, 141.47E, h48km, 13km, mb4.6/4, MW4.3, (NEI), Error ellipse: s-maj=19.7km s-min=10.9km az=124.0

ISC 05 01:23:25.9, 1, 3.3677N, 0.05, 141.7E, 0.1, h42km, 9km, n35, 0.82/43, mb4.5, 2C-5D, Near east coast of eastern Honshu

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

YUK comp=N, 420nm, 0.5s smax

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

JMA 05 01:48:50.8, 0.5, 45.56N, 149.87E, h150km, M3.6, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, NEM2, JAK, etc.

TIR 05 02:46:54.8, 40.94N, 20.20E, h20km, M1.2, CSEM 05 02:46:56.7, 0.2, 41.00N, 20.28E, h5km, ML2.8, Error ellipse: s-maj=5.2km s-min=2.9km az=41.0

THE 05 02:46:57.1, 41.04N, 20.25E, h10km, ML2.8, ISC 05 02:46:57.0, 0.6, 41.00N, 0.03, 20.26E, 0.04, h10km, n16, 0.123/31, 6D, Greece-Albania border region

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Montbardon, Lagne, Hau, Baives, Saint Saulge, Bois d'Assand, Vanda, Vanda, Les Rejaudoux, Scott Base, La Foliniere, Raoul Island, Etsaut, Nome, South Pole, Sonseca Array, Sanae, Indian Mount, Dimbokro, Inuvik, Resolute Bay, Edmonton, Schefferville, Missoula, Chamberlain Mo, Blue Mountains, Wild Horse Val, Dagmar, Bozeman, Hailey, LASA Array, Old Faithful, Presque Isle, Lake, Battle Mountain, Teton, Long Hollow, Snow King Moun, Auburn Hatcher, Mina, Boulder Array, Hardware Ranch, Tonopah, Waterville, North Lily Min, Darwin, Newcomb, Antelope Range, Marysvale, West, Idaho Springs, Jewell Farm, Erie, Ann Arbor, Alum Creek Sta, Albuquerque, Tucson, Ladron, Corbin, Waverly, Waverly, Guadalupe Moun, Coronado Moun, Mount Ida, Mount Ida.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Oxford, New Hope, Godfrey, Lajitas, Lakeview Retre, Junction City, Junction City, Santo Domingo, JuntasAbangare, Otavalo, Combarbala, Petorca, Tololo Astrom, Farellones, Cerro Calan, Kankani, Lhasa, Koldana, Warramunga Arr, NARSAR Subarra, Chiang Mai, Nan, Chiangrai, Hyderabad, Jirni, Pulchoki, Gumbha, Kankani, Gorkha, Lhasa, Koldana, Enshi, Xian, Fitzroy Creek, Baijiutau, Ulanbaatar, Warramunga Arr, Hailar, Stephens Creek, Pruncheon, Kasperske Hory, Collin, Resolute Bay, Junction City.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Butuan, Bislig, Surigao, Musuan, Maasin, Mati, Kadapawan, Tagbiliran, Lapu-Lapu, Dipolog City, Pagadian, Borongan, Jordan, Cataraman, Virac, Pulchoki, Shilong, Qiongzong, Karad, Poona, Jiri, Daman, Bhopal, Gumba, Kankani, Gorkha, Koldana, Lhasa, Xian, Kyzart, Uchto, Karagaybulak, Almayashu, Tokmak 2, Ala-Archa, Gorkha, Erkin-Say, Snpenovka, Hailar, Tennant Creek, Warramunga Arr, Stephens Creek, Kongsniyev, Boshof, Kasperske Hory, Manganepa, Gruta Xavier, Americas 2, Concepcion, Apoyeque, Conception, Momotombo, Miramar, Leon, Telica 3, Jirni, Cerro Gallo 2, Puriscal, La Lucha 2, Buena Vista, Chiang Mai Arr, Hyderabad, Hyderabad, Jiri, Pulchoki, Gumba, Dama, Kankani, Lhasa.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like GKN Gorkha, KOLN Koldanda, NDI New Delhi, etc.

λ-107°, NP20.7°, 835° A-64°. Principal axes: T 1.187, Plg12°, Azm258°; N.001, Plg15°, Azm165°; P-1.188, Plg17°, Azm27°. NEIC 05 08:13:59.3±0.4, 50.97N±29.81W, h10km, mb4.6/52 Error ellipse: s-maj=15.0km s-min=5.9km az=16.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like CLL BRG Berggiesshubel, KHC Kasperke Hory, GECZ GERESS Array S, etc.

JMA 05 07:32:40.7±0.4, 33.14N±138.59E, h323km, 4km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like JHMK Hamakita, HMMJ Hamamatsu 2, JOD2 Odawara 2, etc.

MAN 05 08:25:29.3, 19.69N±122.43E, h1km, mb3.7, ML2.4, MS2.0, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like ELAN Lanestosa, ELAN Lanestosa, EVO Ewora, etc.

MAN 05 08:25:29.3, 19.69N±122.43E, h1km, mb3.7, ML2.4, MS2.0, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BBP Basco, SGCP Mal. Cagua, CVP Calao Caves, etc.

DJA 05 07:53:24.7±1.0, 9.50S±113.93E, h15km, MD4.1/1, ML3.4/2, 1C-2D, Error ellipse: s-maj=23.8km s-min=14.4km az=43.0, South of Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like SRDI Scrawled, KELI Kelatagan, RATA Rata, etc.

AUST 05 08:31:02.9, 26.12S±153.41E, ML3.6, Near east coast of Australia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like EIDS Eidsvold, RMQ Roma, ARMA Armidale, etc.

AUST 05 08:31:02.9, 26.12S±153.41E, ML3.6, Near east coast of Australia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BJJ 05 08:32:55.3, HRVD 05 08:32:56.5, etc.

NEIC 05 08:01:33.2, 37.23S±179.94W, h33km, ML4.7(WEL), After WEL

WEL 05 08:01:33.0±0.6, 37.24S±179.91W, h33km, ML4.4(E), Error ellipse: s-maj=5.4km s-min=4.9km az=0.0, East of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like MXZ Matakaoa Point, PUK Puketiti, MATAWAI Matawai, etc.

NEIC 05 08:32:59.1±0.2, 12.99N±104.92E, h33km, (h27km±2.2km; p-P), n189, 190±188, mb5.1/63, MS4.5/5, 10C-23D, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like PBA Port Blair, NNT Nonpar, CM31 Chiang Mai Arr, etc.

BJJ 05 08:32:55.3, 12.64N±92.52E, h27km, mb4.9, mb4.9, Ms4.4, Ms2.1

HRVD 05 08:32:56.5±0.5, 13.02N±92.62E, h19km, 1km, MW4.9/37, Centroid moment tensor solution. LP body waves: s23, c29; Mantle waves: s37, c58; Half duration: 0 Moment tensors: Scale 1016Nm; Mr=2.23±.21; Mw=1.24±.14; Mw=0.99±.13; Mw=0.52±.27; Mw=1.17±.07; Mw=0.50±.24; Best double couple: Mc=2.37±.1019 NP1.0±.32°, 847°, 1-113°; NP2.0±.244°, 848°, 1-67°; Principal axes: T 2.295, lP1°, Azm318°; N 1.6, Plg17°, Azm48°; P 2.449, Plg17°, Azm228°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 05 08:32:56.5±0.3, 13.00N±92.56E, h4km, 18km, mb5.2/38 Error ellipse: s-maj=6.7km s-min=5.3km az=207.0

NEIC 05 08:33:00.5±1.0, 13.24N±92.53E, h33km, mb5.4/28, Error ellipse: s-maj=15.2km s-min=6.2km az=117.6

ISC 05 08:32:59.1±0.2, 12.99N±104.92E, h33km, (h27km±2.2km; p-P), n189, 190±188, mb5.1/63, MS4.5/5, 10C-23D, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like PBA Port Blair, NNT Nonpar, CM31 Chiang Mai Arr, etc.

IGQ 05 08:05:34.7, 0.29N±79.81W, h16km, 5km, mb4.4, 7C-6D, Error ellipse: s-maj=10.9km s-min=3.0km az=24.1, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like PINO Pino, TERV Terraza Guagua, YANA Yana, etc.

NEIC 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like LASF Ste Croix, VIVF Saint-Julien-1, CABF La Chapelle, etc.

NEIC 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like LASF Ste Croix, VIVF Saint-Julien-1, CABF La Chapelle, etc.

ZUR_RM 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

ZUR_RM 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

ZUR_RM 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

ZUR_RM 05 08:13:59.5, 50.97N±29.81W, h12km, Mw4.7/8, Moment tensor solution. s8 Moment tensor: Scale 1016Nm; Mw=1.00; Mw=0.05; Mw=1.06; Mw=0.38; Mw=0.17; Mw=0.41; Best double couple: M1.19x1016 NP1.0±156°, 859°,

Table with 5 columns: Station Name, Frequency, Mode, and other details. Includes stations like MYRZ, KUZ, WUCZ, etc.

HLN 05 09:52:01.3, 31.22N, 35.52E, h15km, Mb3.2
SNLW 05 09:52:04.7, 30.82N, 34.59E, ML2.3
CSEM 05 09:52:05.3, 0.3, 30.86N, 35.00E, h2km, ML3.7, Error ellipse: s-maj=2.4km s-min=1.7km az=87.0, Mining explosion.

ISC 05 09:52:05.2, 0.5, 30.87N, 0.03, 35.05E, 0.05, n20, e088/25, Dead Sea region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASH, ZFRI, RTMM, etc.

NAO 05 09:56:42.1, 1.9, 67.70N, 34.08E, ML2.1
HEL 05 09:56:42.0, 0.3, 67.69N, 34.15E, ML2.1, ML2.5(BER), ML2.1(WAO), Explosion

ISC 05 09:56:38.8, 1.0, 67.69N, 0.04, 34.3E, 0.2, n20, e133/35, Baltic States - Belarus - Northwestern Russia

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APAO, KU4, MSF, etc.

BEO 05 09:56:43.7, 0.4, 41.92N, 20.52E, h11km
TIR 05 09:56:44.4, 0.2, 44.04N, 20.42E, h30km
NEIC 05 09:56:44.6, 4.1, 95N, 20.48E, h7km, ML3.0(PDG), After PDG.

PDG 05 09:56:44.6, 0.2, 41.95N, 20.48E, h7km
CSEM 05 09:56:45.1, 0.1, 41.99N, 20.40E, h2km, ML3.0, Error ellipse: s-maj=1.7km s-min=1.2km az=39.0

THE 05 09:56:46.9, 4.2, 04N, 20.39E, h7km, ML3.2
ISC 05 09:56:45.9, 0.3, 42.01N, 0.02, 20.45E, 0.02, h2km, n33, e135/61, 8C-2D, Northwestern Iran Peninsula

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PUK, BCI, Qafa e Shtames, etc.

Table with 10 columns: Station Name, Frequency, Mode, and other details. Includes stations like FNA, HCY, HCY, etc.

WEL 05 10:16:54.2, 0.4, 38.41S, 176.00E, h144km, 3km, ML3.6/6, Error ellipse: s-maj=4.8km s-min=2.8km az=90.0, North Island

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWVZ, BKZ, BKZ, etc.

MOS 05 11:15:37.5, 2.19, 36S, 178.38W, h407km, mb4.9/4, Error ellipse: s-maj=33.3km s-min=15.2km az=119.3
BUJ 05 11:15:51.8, 2.0, 27S, 178.30W, h596km, mb5.0, mb5.0
NEIC 05 11:15:53.2, 0.2, 20.56S, 178.64W, mb4.8/45, Error ellipse: s-maj=10.1km s-min=4.3km az=153.0

ISC 05 11:15:52.1, 0.2, 20.63S, 0.07, 178.64W, 0.06, h599km, h599km, 2.5km, p-P, n296, e1501/122, mb4.8/49, 27C-2D, Fiji Islands region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, AFU, AFU, etc.

Table with 10 columns: Station Name, Frequency, Mode, and other details. Includes stations like WVOR, OOW, OCWA, etc.

5d 12h

2005 JAN

MOS 05 12:13:17.6:1.5, 3.86N-94.55E, h33km, mb5.2/15, Error ellipse: s-maj=32.8km s-min=11.7km az=98.3
NEIC 05 12:13:18.8:5.2, 3.59N, 94.34E, h32km, mb4.8/15, Error ellipse: s-maj=12.1km s-min=8.2km az=53.0
ISC 05 12:13:16.8:0.4, 3.58N, 0.06:94.42E:0.06, h33km, m82, 15/85, mb5.0/33, MS4.5/3, 4C-3D, Off west coast of

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: YAK, comp, Z, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations in Yakutsk and surrounding areas.

BUJ 05 12:31:36.1, 6.64N:93.01E, h33km, mb5.3, mb5.0, Ms5.0, Ms4.8

MOS 05 12:31:37.4: 1.2, 6.84N:93.28E, h40km, mb5.2/17, Error ellipse: s-maj=15.8km s-min=8.0km az=114.1
CSEM 05 12:31:38.1, 7.13N:93.63E, h33km, mb5.5
NEIC 05 12:31:38.4: 0.3, 6.73N:93.03E, h30km, mb5.1/33, Error ellipse: s-maj=10.1km s-min=8.0km az=206.0
HRVD 05 12:31:38.4: 0.3, 6.59N:92.99E, h12km, MW5.0/55, Centroid moment Tensor Solution. LP body waves: s31,c43,Mantle waves: s55,c100; Half duration: 0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations in the Buj and Mos regions.

Table with columns: Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations in the LZH, XAN, WHN, NJJ, UCH, etc. regions.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YAK Yakutsk, MBAR Mbarara, OBN Obninsk, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAZ Mousmakai, RITZ Rihia Road, KATZ Kakaramea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDJ Mudanjiang, BOD Bodaibo, ULN Ulanbaatar, etc.

WAR 05 13:32:34.1, 50.07N-18.46E, h0km, ML2.5, Mining Included

NEIC 05 13:32:34.2, 0.7, 50.05N-18.50E, h5km, MG2.6(WAR), Error ellipse: s-maj=10.9km s-min=6.5km az=177.0

JATU 05 13:32:35.1, 50.14N, 18.36E

ISC 05 13:32:37.2, 0.5, 50.13N, 0.04E, h18.45E, 0.03, n17, s19, 06/31, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, OJC Owjcow, KWP Kalwaria, etc.

WEL 05 12:58:14.2, 0.3, 37.67S-176.40E, h203km, 2km, ML5.2/13, Error ellipse: s-maj=2.3km s-min=1.6km az=90.0

NEIC 05 12:58:14.3, 37.68S-176.43E, h202km, After WEL, ISC 05 12:58:11.8, 0.6, 37.78S-176.44E, 0.06, h222km, 4km, n131, s19, 26/151, 13C-2D, North Island

MOS 05 13:28:41.6, 1.0, 52.54N-174.02E, h33km, mb4.7/9, Error ellipse: s-maj=18.4km s-min=10.1km az=95.3

BUI 05 13:28:49.0, 52.50N-174.10E, h99km, mb5.0, mb4.5

NEIC 05 13:28:50.0, 0.6, 52.55N-174.11E, h100km, 4km, mb4.4/11, Error ellipse: s-maj=12.7km s-min=5.8km az=180.0

ISC 05 13:28:48.7, 0.6, 52.52N, 0.1, 174.15E, 0.07, h101km, 3km, n59, s19, 03/61, mb4.4/17, 1C-1D, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGRZ Tauranga, LIRZ Lichensteins R, MARZ Manawatu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMY Shemya, FX1 Attu Island-F, FKTD Great Sitkin T, etc.

CASC 05 13:40:01.4, 2.4, 13.64N-90.63W, h36km, 999km, MD3.6, ML3.9, 4C-D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCG Pacaya, FUG Fuego 3, NUB Nub Nubes, etc.

CSEM 05 13:50:01.0, 0.2, 40.48N-34.08E, h25km, MD2.8, Error ellipse: s-maj=4.4km s-min=3.2km az=78.0

ISK 05 13:50:01.4, 40.50N-34.05E, h30km, MD2.8, Turkey

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACCN, BRYW, PTN, DRLL, etc.

CSEM 05 15:49:26.9, 0.1, 66.39N, 17.58W, h8km, mb4.4/11, Error ellipse: s-maj=2.5km s-min=1.9km az=152.0

MOS 05 15:49:27.7, 1.1, 66.52N, 17.28W, h13km, mb4.4/12, Error ellipse: s-maj=26.1km s-min=1.9km az=103.2

NIC 05 15:49:29.0, 4.0, 66.33N, 17.57W, h10km, mb4.3/14, Error ellipse: s-maj=10.9km s-min=7.4km az=40.0

ISC 05 15:49:26.8, 0.6, 66.46N, 0.03, 17.56W, 0.07, h10km, mb4.4, n83, c0592/87, mb4.3/16, 3D, Iceland region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAG, TRO, NEM2, etc.

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

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

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

CSEM 05 15:50:27.8, 66.49N, 17.54W, h10km, ML4.3, After REY, Iceland region

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

CSEM 05 15:50:41.1, 66.49N, 17.55W, h11km, ML3.8, After REY, Iceland region

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

JMA 05 16:01:24.2, 0.2, 44.06N, 147.70E, h96km, M4.3, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, JRA, JNK, etc.

CSEM 05 16:15:13.8, 0.2, 38.47N, 26.80W, h30km, ML2.5, Error ellipse: s-maj=32.8km s-min=4.4km az=37.0

PDA 05 16:15:15.9, 0.8, 38.33N, 26.88W, MD2.6, ML2.5, Error ellipse: s-maj=4.4km s-min=1.0km az=47.0

SVSA 05 16:15:15.9, 0.8, 38.33N, 26.88W, MD2.6, ML2.5, Error ellipse: s-maj=4.4km s-min=1.0km az=47.0, Azores

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RIB2, PFAV, PSCM, etc.

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

SKO 05 16:24:39.3, 41.31N, 22.39E, h18km, ML1.8

SOF 05 16:24:40.2, 41.32N, 22.46E, h2km, MD2.6, Error ellipse: s-maj=17.9km s-min=9.9km az=17.0

ISC 05 16:24:40.6, 1.2, 41.35N, 0.05, 22.39E, 0.07, h2km, n7, c1514/12, 2C, Northwestern Balkan Peninsula

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

JMA 05 16:31:25.3, 37.38N, 138.97E, h8km, 1km, M3.5, 1C-5D Broadband fault plane solution: P waves. NP1: 0.82, 0.60, 1.155. NP2: 0.185, 0.68, 1.32. Principal axes: T P1g38, Azm46; N P1g52, Azm26; P P1g5, Azm312

Near west coast of eastern Honshu

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

GUC 05 16:32:04.0, 0.9, 31.34S, 171.75W, h23km, 4km, ML4.8

NEIC 05 16:32:04.0, 31.34S, 171.75W, h23km, mb4.3/2, ML4.8(GUC), After GUC

NEIC Feil [V] at Canela, Combarbala and Illapel; [III] at Salaamance; [III] at La Ligua, Los Vilos and Papudo.

ISC 05 16:32:02.4, 1.5, 31.32S, 0.03, 71.82W, 0.08, h10km, 13km, n30, c0563/34, mb4.9/1, 4C-1D, Near east of central Chile

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

CLCH Cerro Calan 2.34 153 eP Sn 16 32 41.7 +0.1

SAN Santiago 2.34 156 eP Pn 16 32 41.6 0.0

FArellones 2.38 147 iP Sn 16 32 42.5 +0.7

TACH Talagante 2.44 162 eP Pn 16 32 43.2 +0.1

ANTU Antumapu 2.46 156 eP Pn 16 32 43.5 +0.3

PCH Pirque 2.54 155 eP Pn 16 32 44.7 +0.1

CHCH Chadas Angostu 2.79 160 eP Pn 16 32 47.8 -0.2

VACH Vallena 2.89 19 eP Pn 16 32 49.5 0.0

CACH El Canelo 2.97 160 eP Pn 16 32 51.1 +0.4

CICH Cipreses 3.21 159 eP Pn 16 32 53.9 -0.2

LVC Limon Verde 9.05 17 eP Pn 16 34 10.5 -5.7

TRQA Torqu coast 10.52 132 eP P 16 34 33.6 -2.8

LPAZ La Paz 15.34 14 eP P 16 35 39.5 -1.3

BAO Brasilia Array 26.77 60 P 16 37 40.4 -4.1

DBIC Dimbokro 74.16 72 eP P 16 43 37.8 -3.7

CHZK Chikalo 145.02 39 eP PKPbc 16 51 37.9 -1.8

YAK Yakutsk 146.26 342 eP PKPbc 16 51 40.9 -1.6

HYB Hyderabad 149.78 110 eP PKPbc 16 51 51.5 +0.1

HYB Hyderabad 149.78 110 iPKP PKPdf 16 51 51.5 +0.2

MAN 05 17:22:49.5, 12.92N, 123.55E, h9km, mb4.4, ML3.3, MS3.1, 2C-1D, Luzon

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Bad Urach, Stuttgart, Lomont, Haudompre, etc.

NEIC 05 18:55:05.8, 45.57N, 26.65E, h127km, After BUC.

NEIC Feit at Stantu-Gheorgh.

BUC 05 18:55:04.3, 0.7, 45.64N, 26.65E, h136km, 6km, MD3.5/3.

16C, Error ellipse: s-maj=5.9km s-min=3.6km az=10.0, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Vri, BRD, MLR, CFR, etc.

BUI 05 19:01:56.3, 4.60N, 94.80E, h30km, mb4.8

NEIC 05 19:01:58.4, 1.8, 4.61N, 94.84E, h30km, mb4.6, Error ellipse: s-maj=61.7km s-min=21.3km az=53.0

ISC 05 19:01:58.3, 1.6, 4.8N, 0.3, 95.2E, 2.0, h30km, m19, 0592/19, mb4.6/12, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JIRN, PKI, GUN, KKN, LSA, GKN, KOLN, BJT, UCH, TKM2, KBK, AML, AAK, EKS2, USP, WRAB, BRVK, CHKZ.

MEX 05 19:26:48.9, 0.8, 16.21N, 99.39W, h16km, 23km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ACX, PINOT, PLIG, PPM.

CSEM 05 19:27:17.2, 0.1, 37.76N, 25.43W, h1km, ML3.1, Error ellipse: s-maj=4.7km s-min=2.2km az=5.0, After PDA

PDA 05 19:27:17.2, 0.1, 37.76N, 25.43W, h1km, 1km, MD2.7, ML3.1, Error ellipse: s-maj=1.9km s-min=1.4km az=52.0

SVSA 05 19:27:17.2, 0.1, 37.76N, 25.43W, h1km, 1km, MD2.7, ML3.1, Error ellipse: s-maj=1.9km s-min=1.4km az=52.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Vila Franca, PCNG, MESC, LFA, etc.

MAN 05 19:28:43.0, 13.85N, 120.47E, h91km, mb3.8, ML2.6, MS2.2, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LUBP, BOAC, SJMP, ENPP.

CSEM 05 19:29:06.7, 0.3, 37.76N, 25.44W, h2km, ML2.5, Error ellipse: s-maj=15.1km s-min=6.9km az=177.0, After PDA

PDA 05 19:29:06.7, 0.3, 37.76N, 25.44W, h2km, MD1.7, ML2.5, Error ellipse: s-maj=0.8km s-min=0.7km az=165.0

SVSA 05 19:29:06.7, 0.3, 37.76N, 25.44W, h2km, ML2.5, Error ellipse: s-maj=0.8km s-min=0.7km az=165.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Vila Franca, MESC, PCNG, LFA, etc.

CSEM 05 19:29:43.1, 0.3, 37.76N, 25.42W, h0km, ML3.1, Error ellipse: s-maj=12.1km s-min=5.9km az=178.0, After PDA

PDA 05 19:29:43.1, 0.3, 37.76N, 25.42W, h0km, 1km, MD2.6, ML3.1, Error ellipse: s-maj=1.8km s-min=1.1km az=167.0

SVSA 05 19:29:43.1, 0.3, 37.76N, 25.42W, h0km, 1km, MD2.6, ML3.1, Error ellipse: s-maj=1.8km s-min=1.1km az=167.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PCNG, VIF, MESC, LFA, etc.

CSEM 05 19:35:26.3, 0.2, 37.77N, 25.44W, h0km, ML2.9, Error ellipse: s-maj=8.6km s-min=3.6km az=28.0, After PDA

PDA 05 19:35:26.3, 0.2, 37.77N, 25.44W, h0km, 1km, MD2.8, ML2.9, Error ellipse: s-maj=1.8km s-min=1.4km az=71.0

SVSA 05 19:35:26.3, 0.2, 37.77N, 25.44W, h0km, 1km, MD2.8, ML2.9, Error ellipse: s-maj=1.8km s-min=1.4km az=71.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Vila Franca, MESC, PCNG, LFA, etc.

MAN 05 19:47:27.6, 13.77N, 120.51E, h88km, mb3.5, ML2.2, MS1.6, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LUBP, ENPP.

PRU 05 19:47:47.5, 50.26N, 19.20E

WAR 05 19:47:46.7, 50.16N, 19.31E, h0km, ML2.5, Mining Induced, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OJC, OKC, NIE, LIKS, etc.

DJA 05 19:50:44.5, 0.6, 10.43S, 112.28E, h80km, mb4.8/1, MD4.7/4, ML5.4/3, Error ellipse: s-maj=17.3km s-min=7.7km az=7.0

ISC 05 19:50:42.3, 1.2, 10.7S, 0.1, 112.33E, 0.07, h33km, m12, 0585/13, 2C-2D, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SRDI, TRT, KELI, RATI, KEDI, PENI, BUNI, GUN, DMN, GKN, KOLN.

CSEM 05 20:00:31.3, 0.1, 37.76N, 25.43W, h2km, ML3.2, Error ellipse: s-maj=2.0km s-min=1.0km az=15.0, After PDA

PDA 05 20:00:31.3, 0.1, 37.76N, 25.43W, h2km, 1km, MD2.7, ML3.2, Error ellipse: s-maj=2.3km s-min=1.9km az=175.0

SVSA 05 20:00:31.3, 0.1, 37.76N, 25.43W, h2km, 1km, MD2.7, ML3.2, Error ellipse: s-maj=2.3km s-min=1.9km az=175.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Vila Franca, PCNG, MESC, LFA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Lyons Farm, ARCESS Array S, Evora, etc.

BJI 06 00:04:08.5, 19.18N-109.97W, h18km, mB6.0, mB5.2, Ms5.8, Msz5.4

HRVD 06 00:04:09.6-0.7, 19.76N-109.08W, h12km, 3km, MW5.4/5.0, Centroid moment Tensor Solution...

NEIC 06 00:04:09.6-0.7, 19.64N-109.11W, h10km, mB5.2/36 Error ellipse: s-maj=11.8km s-min=7.2km az=20.0

ISC 06 00:04:06.2-0.9, 19.42N-0.10-109.12W, 0.06, h10km, nB6, c1514/83, mB5.2/30, MS5.3/3, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Lajitas, Guadalupe Moun, Junction City, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like DLBC Dease Lake, Yellowknife Ar, Cordova Ski Ar, etc.

MAN 06 00:09:12.0, 5.70N-122.15E, h37km, mB5.0, ML3.9, MS4.0

NEIC 06 00:09:18.2, 5.70N-122.00E, h81km, mB5.2, mb4.7, Ms5.3, Msz4.9

ISC 06 00:09:12.3-0.9, 5.73N-122.12E, 0.05, h42km, gkm, n49, c0991/59, mB4.8/25, MS4.6/1, 3C-7D, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IPIL Ipil, PAGZ Pagadian, DCPH Dipolog City, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WMQ comp=Z, 2.32nm, 0.9s, mb5.1, etc.

BJI 06 00:11:15.6, 5.47N-93.18E, h37km, mB5.5, mB5.4, Ms5.6, Msz5.4

MOS 06 00:11:15.8-0.8, 5.61N-93.31E, h33km, mB5.7/83, MS5.2/11, Error ellipse: s-maj=9.9km s-min=4.3km

HRVD 06 00:11:17.1, 0.2, 5.53N-93.09E, h12km, MW5.5/6.4, Centroid moment Tensor Solution...

NEIC 06 00:11:17.1, 0.2, 5.60N-93.25E, h30km, mB5.5/17, MS4.9/3, MW5.5 Error ellipse: s-maj=6.0km s-min=3.8km

ISC 06 00:11:15.1, 5.1, 5.55N-93.26E, 0.03, h28km, n20km, 7km, p-P, nB4.4, c0984/5.1, mB5.5/154, MS5.3/23, 36C-60D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SNG Songkhla, NNT Nongplab, NST Nakhon Sawan, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like LSZ, KDAG, TAU, CFR, HARR, JMB, MA2, TIXI, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like AQU, AQU, BSD, BSD, GEC2, GEC2, BRG, BRG, BRG, BRG, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like MVIF, WTSB, HLFM, LOMF, CALM, LPGA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LCBS La Ceiba, LFRS El Faro, LFU La Fuente, etc.

JMA 06 03:15:49.1±0.1, 42.35N, 143.11E, h49km, 1 km, M3.5, 3C-2D Broadband fault plane solution: P waves.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JNBK Urakawa-nobuka, JNBK Chirui, JCH JCH, etc.

BUIJ 06 03:28:51.0, 52.60S, 27.60E, h10km, mb5.7, mb5.7, Ms5.6, Ms2.5.

HRVD 06 03:28:51.0, 0.2, 52.57S, 28.05E, h22km, 1km, MW5.6/60, Centroid moment Tensor Solution.

NEIC 06 03:28:51.0, 0.3, 52.57S, 27.61E, h10km, mb5.2/23 Error ellipse: s-maj=13.5km s-min=11.2km az=57.0.

ISC 06 03:28:51.4, 4.3, 52.66S, 0.06, 27E, 0.1, h16km, 30km, n98, r1904/47, mb5.1/22, MS5.6/2, 12C-2D, South of Africa.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SYO Syowa Base, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NJ2 comp=2.3um, 28.0s, MS5.8, HIA HIA, CPFRX Cap Rock, etc.

MEX 06 03:46:38.1±0.6, 13.58N, 93.06W, h15km, 80km, MD4.5.

ISC 06 03:46:39.7, 0.9, 13.79N, 0.07, 93.05W, 0.05, h66km, 34km, n21, r1907/34, 3C-1D, Off coast of Chiapas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAT Jato, JAT JAT, JAT JAT, etc.

NEIC 06 04:00:01.2, 31.91S, 68.62W, h150km, MD3.7(GUC), After GUC.

GUC 06 04:00:01.2, 0.7, 31.91S, 68.62W, h150km, MD3.7, ML4.0, 6C-3D, San Juan Province.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MDZ Mendoza, MDZ MDZ, MDZ MDZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LVC Limon Verde, LVC LVC, LVC LVC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LIS Lisbon, LIS LIS, LIS LIS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PBEJ Beja, PBEJ PBEJ, PBEJ PBEJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTE Manteigas, MTE MTE, MTE MTE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EZAM Zamans, EZAM EZAM, EZAM EZAM, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MDJ, ASPA, MAT, GNI, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MA2, MMB, KKB, SEY, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KELI, COCO, RATI, etc.

NEIC 06 07:30:27.3, 36.96N; 10.92W, MG3.7(MDD), After MDD. INMG 06 07:30:28.4, 0.7, 36.91N; 10.99W, h10km, ML2.1, Error ellipse: s-maj=4.7km s-min=2.6km az=62.0

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PTEO, PBEJ, etc.

6d 9h

Table of station data for 6d 9h, including station names, coordinates, and various parameters like elevation and signal strength.

2005 JAN

Table of station data for 2005 JAN, including station names, coordinates, and various parameters like elevation and signal strength.

150

Table of station data for 150, including station names, coordinates, and various parameters like elevation and signal strength.

Table of astronomical observations for 6d 10h, listing stations like SHL, SUW, BSE, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2005 JAN, listing stations like SSF, SSF, AVF, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 152, listing stations like LDG, CSEM, NEIC, etc., with columns for station name, coordinates, and observation details.

6d 11h

Table with columns: PET, comp=N, 98nm, 0.9s, smax, 4.01 219 eP, Pn, 11 40 55.9 +1.4, etc.

PGC 06 11:55:17.1, 66.73N, 135.68W, h20km, ML3.0/2, Richardson Mountains, Yukon Territory, Northern Yukon Territory

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, INK Inuvik, 1.79 27 Pn, 11 55 47.0 -0.3, etc.

BJI 06 11:55:42.6, 10.91N, 91.72E, h12km, mB5.4, mb4.8, Ms5.6, Msz5.3

Table with columns: HRVD 06 11:55:43.7, 0.2, 11.01N, 91.99E, h13km, MW5.4/6S, Centroid moment Tensor Solution, LP body waves, etc.

ISC 06 11:55:44.1, 0.2, 10.88N, 91.80E, h24km, h24km, 7km, pP-P, n308, e113/308, mb5.3/95, MS5.2/66, 21C-17D, Andaman Islands region

Main table of seismic events with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, PBA Port Blair, 1.21 50 eP, Pn, 11 56 08.0 +2.3, etc.

2005 JAN

Main table of seismic events with columns: QIZ Qizhongzhong, 19.21 63 P, 12 00 08.0 -1.3, BOM Bombay, 19.99 296 eP, 12 00 10.4 -7.6, etc.

154

Main table of seismic events with columns: BJT Baijiatatau, 36.17 32 eP, P, 12 02 45.8 -1.0, MKAR Makankari Arrau, 36.69 349 iP, Pmax, 12 02 51.0 0.0, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like UGL, VLA, JEG, MDJ, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like SEY, TATO, BOD, WHN, QZH, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like KKN, PKI, ULHL, BVAO, TKM2, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like SDCC, IDCO, ISCO, PVO1, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like PCBR, PVIS, MTE, etc.

NIED 06 13:39:00, 42.90N:145.50E, h32km, Mw3.8 Best double couple: M6.6x10^14 N P1=29°, 862°, 1.62°. NP2=258°, 839°, 1.32°.

JMA 06 13:39:31.6, 0.1, 42.87N:145.52E, h44km±1km, M4.3 ISC 06 13:39:31.4±1.6, 42.9N, 0.1x145.5E, 0.1, h49km±11km, n7, g0538/11, mb4.0/1, 1C-4D, Hokkaido region

Table with columns for Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2, JAK, etc.

CSEM 06 14:19:45.6, 25.46N:96.64E, h33km, mb5.6 MOS 06 14:19:45.0, 0.8, 25.32N:96.57E, h33km, mb4.8/15, Error ellipse: s-maj=15.8km s-min=7.7km az=110.1

BUI 06 14:19:46.0, 25.46N:96.52E, h37km, mb4.9, mb4.6, ML4.4, LDG 06 14:19:47.0, 0.4, 25.56N:96.31E, h33km, Mb4.8/18, Ms3.9/1, Error ellipse: s-maj=20.6km s-min=6.1km az=173.0

NEIC 06 14:19:48.0, 0.8, 25.43N:96.60E, h44km, 7km, mb4.7/35, Error ellipse: s-maj=6.8km s-min=4.4km az=190.0 ISC 06 14:19:46.0, 0.7, 25.31N, 0.0x96.54E, 0.03, h41km, 6km, n154, s1916/164, mb4.7/46, MS4.1/7, 10C-1D, Myanmar

Table with columns for Code, Station Name, Δ, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LKP, IMP, SHL, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like LZH, ENH, XAN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BOD Bodaibo, MAJ Matsuhiro, MAT Matsuhiro, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SML Inuvik, INK Inuvik, DAWY Dawson, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PQLP Lukban, LQP Quezon City-P, VQPH Odiongan, etc.

6d 19h

Table with columns: VOY, Vojko, 0.88 100 ePg, Pg, 18 46 36.2 +0.3, etc.

MAN 06 19:05:21.8, 13.639N:120.54E, h101km, mb4.6, ML3.5, MS3.5, 1D, Mindoro

BUI 06 19:10:55.2, 8.03N:93.66E, h45km, mb4.9, mb4.6, Ms4.4, Ms4.1

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

NEIC 06 19:10:55.9, 0.6, 8.20N:93.99E, h30km, mb4.7/2.2, Error ellipse: s-maj=15.3km s-min=14.8km az=217.0

MOS 06 19:11:02.3, 2.3, 9.22N:94.00E, h33km, mb4.9/8, Error ellipse: s-maj=31.3km s-min=16.1km az=95.9

ISC 06 19:10:53.3, 2.2, 8.24N:0.07, 93.94E:0.06, h25km, 16km, n60, r131/61, mb4.8/33, MS4.1/3, 1D, Nicobar Islands region

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

MOS 06 19:17:43.7, 1.2, 4.47N:93.50E, h33km, mb5.3/7, Error ellipse: s-maj=44.1km s-min=17.4km az=89.3

BUI 06 19:17:44.4, 4.36N:93.88E, h41km, mb5.1, mb4.7, Ms4.6, Ms4.1

NEIC 06 19:17:46.0, 0.4, 6.33N:93.85E, h30km, mb4.8/2.6, Error ellipse: s-maj=12.7km s-min=7.5km az=63.0

ISC 06 19:17:45.0, 2.0, 4.63N:0.06, 93.97E:0.07, h31km, h31km, 1.3km, pp-P, n69, r1504/71, mb4.8/4.1, MS4.5/2, 2C-2D, Off west coast of northern Sumatara

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

2005 JAN

Table with columns: SOC, Station Name, Delta, Azimuth, Phase ID, Time, Res

THE 06 19:11:02.7, 38.99N:23.39E, h7km, ML3.1

ATH 06 19:11:02.9, 38.98N:23.36E, h11km, 3km, MD3.0/12, ML3.2

CSEM 06 19:11:02.9, 0.1, 38.97N:23.42E, h10km, ML3.2, Error ellipse: s-maj=2.3km s-min=1.5km az=77.0

NEIC 06 19:11:02.9, 38.98N:23.36E, h11km, ML3.2(ATH), After ATH

ISC 06 19:11:02.0, 0.5, 38.98N:0.02, 23.39E:0.04, h9km, 4km, m23, r092/36, 3C, Greece

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

MOS 06 19:17:43.7, 1.2, 4.47N:93.50E, h33km, mb5.3/7, Error ellipse: s-maj=44.1km s-min=17.4km az=89.3

BUI 06 19:17:44.4, 4.36N:93.88E, h41km, mb5.1, mb4.7, Ms4.6, Ms4.1

NEIC 06 19:17:46.0, 0.4, 6.33N:93.85E, h30km, mb4.8/2.6, Error ellipse: s-maj=12.7km s-min=7.5km az=63.0

ISC 06 19:17:45.0, 2.0, 4.63N:0.06, 93.97E:0.07, h31km, h31km, 1.3km, pp-P, n69, r1504/71, mb4.8/4.1, MS4.5/2, 2C-2D, Off west coast of northern Sumatara

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

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

BUI 06 19:42:07.9, 7.34N:93.72E, h61km, mb5.0, mb4.5, Ms4.1, Ms4.1

NEIC 06 19:42:12.0, 0.9, 8.01N:93.93E, h30km, mb4.6/1.4, Error ellipse: s-maj=20.2km s-min=16.6km az=158.0

MOS 06 19:42:15.5, 2.0, 8.74N:94.11E, h33km, mb5.0/7, Error ellipse: s-maj=45.5km s-min=18.3km az=89.9

ISC 06 19:42:10.2, 0.2, 8.08N:0.09, 93.96E:0.06, h27km, 15km, n53, r132/59, mb4.8/28, MS4.1/3, 1C, Nicobar Islands region

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like SHL, HYB, GUN, DMN, KKN, LSA, GKN, BHP, KOLN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like GKN, KOLN, NDI, KCH, UCH, AML, KBK, AAK, EKS2, USP, KAF, KHC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like BNT, KCT, MRM, APE, MFT, ORL, RDO, etc.

NEIC 06 21:00:25.8, 18.23N-64.57W, h154km, MD3.8(RSPR), After RSPR. RSPR 06 21:00:25.8, 18.23N-64.57W, h154km, MD3.8/14, MD3.8/14, 11C-3D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like MTP, HUMP, CBYP, CPD, etc.

KNET 06 21:14:33.4+1.0, 40.99N*73.11E, h9km, 5km, m3/7, 13C-2D, Eyring ellipse: s-maj=7.4km s-min=6.2km az=168.0, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like AML, UCH, EKS2, KZA, AAK, KBK, CHMS, etc.

ISC 06 21:45:39.1+1.1, 11.33N-10.92E, 16E, 0.07, h33km, n11, 13/12/14, mb4.5/1, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like PBA, VIS, JIRN, PKI, DMN, GUN, KKN, GKN, KOLN, FITZ, WB2, etc.

NEIC 06 21:51:59.3, 53.34N-163.55W, h19km, ML3.2(AEIC), After AEIC, Unimak Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like WESE, WESS, SSSL, SSW, SSSL, AKA, AHB, AKGG, UNAL, BSA, MASH, DOL, HAG, DAW, UNL, etc.

Table with columns: CTA, Station Name, Time, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

MDJ	comp=Z,16nm,1.1s,mb4.9	AMB	AMB						
MDJ	comp=Z,212nm,3.8s	AMB	AMB						
MDJ	comp=N,664nm,14.6s,MS5.0	LR	LR						
MDJ	comp=E,814nm,12.6s,MS5.0	LR	LR						
MDJ	comp=Z,707nm,13.6s,MS4.8	LR	LR						
BVAO	Borovyoye Array 47.99 341	P	P	10 57 49.8	-0.8				
BVAO	comp=Z,1.0nm,0.9s	P	P						
BVAR	Borovyoye Array 47.99 341	P	P	10 57 49.2	-1.5				
BVAR	comp=Z,1.1nm,0.7s,mb5.0,baz=143,slow=7.4,SNR=61	ScP	ScP	11 03 11.8					
BRVK	Borovyoye 46.05 341	eP	eP	10 57 49.9	-1.2				
BRVK	comp=Z,5.6nm,0.9s,baz=149,slow=8.6,SNR=7.4	P	P						
BRVK	comp=Z,4.3nm,1.0s,mb5.4	P	P						
BRVK	comp=Z,245nm,20.0s,MS4.2	MLR	MLR						
BRVK	Borovyoye 46.05 341	eP	eP	10 57 49.9	-1.2				
BRVK	comp=Z,43nm,1.0s,mb5.4	LR	LR						
CHKZ	Chkalovo 48.47 342	iP	iP	10 57 53.0	-1.4				
CHKZ	comp=Z,80nm,1.2s,mb5.6	P	P						
CHKZ	Chkalovo 48.47 342	eP	eP	10 57 52.9	-1.4				
CHKZ	comp=Z,75nm,0.9s,mb5.7	P	P						
MAJO	Matsushiro 48.97 49	PFAKE	LR	10 58 10.0	+1.2				
MAJO	comp=Z,1.1um,20.0s,MS4.8	LR	LR						
MAT	Matsushiro 48.97 49	P	P	10 58 01.0	+2.6				
MAT	comp=Z,44nm,1.4s,mb5.3	S	S	11 05 21.0	+21				
MAT	comp=Z,720nm,21.0s,MS4.6	MLR	MLR						
MAT	Matsushiro 48.97 49	P	P	10 58 01.0	+2.6				
MAT	comp=Z,44nm,1.4s,mb5.3	S	S	11 05 21.0	+21				
MAT	comp=Z,720nm,21.0s,MS4.6	MLR	MLR						
MAT	Matsushiro 48.97 49	P	P	10 58 01.1	+2.7				
WARR	Warrungu Arr 49.20 126	P	P	10 57 58.5	-1.9				
WRA	comp=Z,6.6nm,0.5s,mb4.9,baz=305,slow=8.5,SNR=111	PcP	PcP	10 59 24.2	+0.4				
WRA	comp=Z,13nm,1.1s,baz=307,slow=3.5,SNR=7.3	ScP	ScP	11 03 15.4					
WRA	comp=Z,2.1nm,0.9s,baz=312,slow=3.7,SNR=5.6	ScP	ScP						
WRAB	Tennant Creek 49.20 126	iP	iP	10 57 59.8	-0.7				
WRAB	Tennant Creek 49.20 126	eP	eP	10 57 58.5	-2.0				
WRAB	comp=Z,1.1nm,0.5s,mb5.1	LR	LR						
WRAB	comp=Z,341nm,20.0s,MS4.3	LR	LR						
WB2	Warrungu Arr 49.21 126	eP	P	10 57 58.5	-2.0				
CBJ	Chichi jima 49.34 62	LR	LR	11 16 20.3					
GUMO	Guam 50.45 80	LAKE	LR	10 58 20.0	+1.0				
GUMO	comp=Z,908nm,19.0s,MS4.8	LR	LR						
ASPA	Alice Springs 50.88 130	eP	P	10 58 11.3	-1.9				
ASAR	Alice Springs 50.88 130	P	P	10 58 11.2	-2.1				
ASAR	comp=Z,6.5nm,0.6s,mb4.7,baz=302,slow=7.3,SNR=72	PcP	PcP	10 59 27.0	-2.9				
ASAR	comp=Z,9.5nm,0.9s,baz=308,slow=4.4,SNR=7.2	LR	LR	11 22 39.4					
ASAR	comp=Z,416nm,19.5s,MS4.5,baz=298,slow=40	LR	LR						
KLR	Kul'dur 51.40 31	eP	S	10 58 13.7	-3.1				
KLR	comp=Z,82nm,2.2s,mb5.3	P	P	11 05 29.5	-4.3				
KLR	comp=Z,82nm,2.2s,mb5.3	eP	P	11 09 10.5					
BOD	Bodaibo 51.42 14	iP	P	10 58 16.3	-0.5				
BHD	Bagdad 51.43 306	eP	P	10 58 09.0	-8.3				
BHD	comp=Z,1.1um,4.0s	smax	smax	11 05 27.0	-7.5				
MAK	Makhachkala 52.71 318	iP	P	10 58 27.0	+0.2				
MAK	comp=Z,1.1um,6.0s	eP	P	10 59 31.8					
MAK	comp=N,600nm,6.0s	eS	PS	11 06 09.0	+0.2				
MAK	comp=N,600nm,6.0s	ePS	PS	11 06 09.0	+4.5				
MAK	comp=N,600nm,6.0s	e	P	11 08 08.0					
MAK	comp=Z,1.1um,4.0s	P	P						
MAK	comp=N,600nm,6.0s	smax	smax						
GNI	Garni 53.45 314	iP	P	10 58 31.9	-0.4				
GNI	comp=Z,141nm,1.7s	P	P						
GNI	comp=Z,700nm,19.0s	MLR	MLR						
GNI	Garni 53.45 314	P	P	10 58 32.8	+0.5				
GNI	comp=Z,279nm,1.4s,mb5.0,baz=42,slow=1.9,SNR=18	LR	LR	11 25 48.1					
GNI	comp=Z,558nm,18.2s,MS4.7,baz=286,slow=41	LR	LR						
GNI	Garni 53.45 314	iP	P	10 58 31.8	-0.4				
GNI	comp=Z,323nm,1.5s,mb6.0	LR	LR						
CLNS	Chul'man 53.80 21	eP	P	10 58 34.1	-0.5				
CLNS	comp=Z,416nm,20.0s,MS4.5	ePP	P	10 58 40.9	-0.2				
CLNS	comp=Z,416nm,20.0s,MS4.5	eP	P	11 00 39.0					
CLNS	comp=Z,416nm,20.0s,MS4.5	eS	S	11 06 04.9	-1.5				
CLNS	comp=Z,416nm,20.0s,MS4.5	eSSS	SSS	11 11 37.9	-1.8				
CLNS	comp=Z,41nm,0.7s,mb5.5	P	P						
CLNS	comp=N,17nm,0.9s	P	P						
CLNS	comp=E,11nm,0.8s	P	P						
CLNS	comp=Z,6.0nm,1.1s,mb4.4	P	P						
CLNS	comp=N,7.0nm,0.9s	P	P						
CLNS	comp=E,8.0nm,1.0s	P	P						
CLNS	comp=E,47nm,11.8s	P	P						
CLNS	comp=Z,28nm,12.7s	P	P						
CLNS	comp=N,130nm,12.0s	P	P						
CLNS	comp=N,700nm,13.0s,MS4.9	MLR	MLR						
CLNS	comp=E,100nm,13.0s,MS4.9	MLR	MLR						
CLNS	comp=Z,1.1um,13.0s,MS5.1	MLR	MLR						
MTA	Mtatsminda 54.00 316	P	P	10 58 35.4	-0.9				
TIZ	Plekhanov 54.05 316	iP	P	10 58 37.0	+0.4				
TIZ	comp=Z,1.1um,13.0s,MS5.1	eS	P	11 06 11.0	+1.0				
TIZ	comp=Z,1.1um,13.0s,MS5.1	P	P						
SVE	Sverdlovsk 54.39 338	eP	P	10 58 38.8	-0.1				
SVE	comp=Z,210nm,2.0s,mb5.7	e	P	11 00 40.7					
SVE	comp=Z,210nm,2.0s,mb5.7	e	P						
AKH	Akhalkalaki 54.80 315	P	P	10 58 42.7	+0.6				
ARU	Arti 54.88 337	iP	P	10 58 39.8	-2.7				
ARU	comp=Z,18.6s,MS5.3	e	P	10 59 39.5					
ARU	comp=Z,18.6s,MS5.3	e	P	11 00 41.6					
ARU	comp=Z,18.6s,MS5.3	eS	S	11 06 19.4	-1.4				
ARU	comp=Z,18.6s,MS5.3	eS	SS	11 08 23.1					
ARU	comp=Z,18.6s,MS5.3	eSS	SS	11 10 03.7	-0.4				
ARU	comp=Z,75nm,1.1s,mb5.6	P	P						
ARU	comp=Z,2um,20.5s,MS5.1	MLR	MLR						
ARU	comp=N,1um,20.0s,MS5.0	MLR	MLR						
ONI	Oni 55.27 316	P	P	10 58 45.1	-0.4				
PMG	Port Moresby 56.30 107	iP	P	10 58 53.1	-0.2				
PMG	Port Moresby 56.30 107	eP	P	10 58 52.1	-1.2				
PMG	Port Moresby 56.30 107	eP	P	10 58 53.7	+0.4				
PMG	comp=Z,60nm,0.9s,mb5.6	LR	LR						
PMG	comp=Z,325nm,21.0s,MS4.4	LR	LR						

KIV	Kislovodsk 56.31 318	P	P	10 58 52.0	-1.1				
KIV	Kislovodsk 56.31 318	iP	P	10 58 52.4	-0.7				
KIV	Kislovodsk 56.31 318	eS	S	10 59 45.9					
KIV	comp=Z,131nm,1.2s,mb5.8	P	P	11 06 38.7	-1.5				
KIV	comp=Z,500nm,22.0s,MS4.6	MLR	MLR						
KIV	Kislovodsk 56.31 318	eP	P	10 58 52.1	-0.9				
KIV	comp=Z,90nm,0.9s,mb5.8	LR	LR						
YSS	Yuzh-Sakhalins 56.42 38	iP	P	10 58 55.6	+1.8				
YSS	comp=Z,1.64nm,22.0s,MS4.1	ScP	ScP	11 06 50.0	+8.4				
YSS	comp=E,40nm,0.9s	P	P						
YSS	comp=Z,50nm,0.9s,mb5.5	P	P						
YSS	comp=Z,400nm,14.0s,MS4.7	MLR	MLR						
YSS	comp=N,1um,16.0s	MLR	MLR						
YSS	Yuzh-Sakhalins 56.42 38	P	P	10 58 52.9	-0.9				
YSS	comp=N,42nm,0.7s,mb5.6	P	P						
GOF	Gofitskoye 56.52 319	iP	P	10 58 53.5	-1.0				
GOF	comp=Z,60nm,1.3s,mb5.5	P	P						
GOF	comp=Z,2um,17.0s,MS5.3	MLR	MLR						
KMBO	Kilima Mbogo 57.00 263	iP	P	10 59 00.8	+2.4				
KMBO	comp=Z,7.0nm,0.8s,mb4.7,baz=55,slow=9.8,SNR=24	P	P	10 59 55.4	+2.2				
KMBO	comp=Z,7.3nm,0.9s,baz=40,slow=3.8,SNR=3.8	LR	LR	11 21 51.4					
KMBO	comp=Z,1um,18.2s,MS5.1,baz=95,slow=34	LR	LR						
KMBO	Kilima Mbogo 57.00 263	eP	P	10 58 59.8	+1.3				
KMBO	comp=Z,200nm,2.1s,mb5.8	LR	LR						
ASF	Jabal al Asfar 57.30 303	P	P	10 58 59.8	-0.5				
ASF	comp=Z,22nm,0.8s,mb5.2,baz=340,slow=3.8,SNR=28	PcP	PcP	10 59 55.0	+0.9				
ASF	comp=Z,15nm,1.0s,baz=276,slow=2.1,SNR=3.2	LR	LR	11 26 16.4					
MALT	Malatyia 57.49 310	eP	P	10 59 00.3	-1.3				
MALT	comp=Z,94nm,1.3s,mb5.7	P	P						
MALT	comp=Z,94nm,1.3s,mb5.7	eP	P	10 59 00.3	-1.3				
SOKR	Solikamsk 57.79 339	iP	P	10 59 01.5	-1.8				
SOKR	comp=Z,80nm,1.1s,mb5.7	P	P						
SOKR	comp=Z,2um,21.0s,MS5.2	MLR	MLR						
SOC	Sochi 58.18 316	iP	P	10 59 02.9	-3.4				
SOC	comp=Z,64nm,1.0s,mb5.6	P	P	10 59 51.2					
SOC	comp=Z,64nm,1.0s,mb5.6	eS	SS	11 07 06.4	+1.6				
SOC	comp=Z,64nm,1.0s,mb5.6	eS	SS	11 10 47.4	-1.1				
SOC	comp=Z,64nm,1.0s,mb5.6	P	P						
SOC	comp=N,26nm,1.3s	P	P						
SOC	comp=E,31nm,1.3s	P	P						
SOC	comp=Z,852nm,22.0s,MS4.8	MLR	MLR						
SOC	comp=N,660nm,23.0s,MS4.8	MLR	MLR						
SOC	comp=E,491nm,20.0s,MS4.8	MLR	MLR						
MKRJ	Makavir 58.24 302	P	P	10 59 07.3	+0.5				
KSH	Keshet 58.35 303	P	P	10 59 08.1	+0.5				
MZDA	Masada 58.43 301	P	P	10 59 08.7	+0.5				
DRGI	Dragot 58.45 302	P	P	10 59 08.8	+0.4				
AQBU	Aqaba 58.46 299	P	P	10 59 08.8	+0.4				
EIL	Eilat 58.53 299	P	P	10 59 09.4	+0.5				
EIL	Eilat 58.53 299	eP	P	10 59 08.4	-0.6				
MMLI	Mount Malkishu 58.57 303	P	P	10 59 09.9	+0.7				
MBH	Mount Berech 58.58 300	P	P	10 59 10.0	+0.7				
SLTI	Saltit 58.86 302								

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Kodiak Island, Sawmill, Mentasta, Inuvik, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TUC, LENM, BLM, BNM, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like HFS, WRA, ASAR, TXAR, etc.

ISC 07 11:56:01.3:1.0, 7.2N:0.1, 93.8E:0.2, h30km, n8, c0959/8, mb3.9/7, Nicobar Islands region

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

WEL 07 12:05:46.0:0.1, 42.82S~173.23E, h33km, ML3.5/13, 7C-1D, Error ellipse: s-maj=1.6km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like Kahutara, Lake Taylor, Canterbury Las, etc.

ISC 07 12:27:46.8:3.9, 10.72N:92.91E, mb3.9/3, mb1 4.0/4, mb1mx3.7/17, mbmtmp3.8/4, ML3.7/1, Error ellipse: s-maj=109.7km s-min=27.2km az=80.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like Chiang Mai Arr, Songoing Array, Warramunga Arr, etc.

ISC 07 12:29:52.2:3.2, 12.71N:93.51E, mb3.7/3, mb1 3.9/4, mb1mx4.0/21, mbmtmp4.0/13, ML4.4/1, Error ellipse: s-maj=86.4km s-min=28.0km az=81.0

ISC 07 12:29:52.1:1.6, 13.11N:0.1, 93.3E:0.2, h33km, n9, c1900/9, mb3.6/3, 1D, Andaman Islands region

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

ISC 07 12:30:27.6:0.8, 14.34N:93.35E, mb3.9/12, mb1 4.1/13, mb1mx4.0/21, mbmtmp4.0/13, ML4.4/1, Error ellipse: s-maj=44.5km s-min=15.9km az=50.0

NEIC 07 12:30:32.4:0.5, 14.47N:93.46E, h30km, mb4.4/6, Error ellipse: s-maj=14.3km s-min=10.5km az=63.0

BUI 07 12:30:31.1, 14.19N:93.35E, h57km, mb4.8, mb4.5, Ms4.0, Ms3.9

ISC 07 12:30:31.1:1.2, 14.43N:0.07, 93.27E:0.6, h38km, n11km, n46, c115/50, mb4.2/19, 1D, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like Nakhon Sawan, Chiang Mai Arr, etc.

comp=N.281nm,0.7s

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

ISC 07 12:31:19.8:1.1, 13.42N:92.72E, mb4.0/10, mb1 4.2/10, mb1mx4.0/18, mbmtmp4.0/10, MS3.6/1, Ms1 3.6/1, ms1mx2.8/20, Error ellipse: s-maj=51.1km s-min=20.9km az=50.0

NEIC 07 12:31:24.7:0.9, 13.53N:92.90E, h30km, mb4.5/2, Error ellipse: s-maj=27.2km s-min=16.8km az=49.0

BUI 07 12:31:25.3, 13.80N:93.08E, h11km, az=8.0, Ms4.1, Ms3.8

ISC 07 12:31:22.5:0.9, 13.41N:0.1, 92.8E:0.2, h30km, n15, c0971/15, mb4.1/12, MS3.6/1, Andaman Islands region

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

ISC 07 12:32:25.0:0.5, 3.59N:127.04E, h90km, mb4.3/7, Error ellipse: s-maj=50.2km s-min=8.0km az=72.0

ISC 07 13:30:01.6:20.0, 3.52N:127.15E, h200km, mb1.5km, mb3.7/5, mb1 3.9/5, mb1mx3.5/17, mbmtmp3.9/17, MS3.4/1, Ms1 3.6/1, ms1mx2.2km az=73.2, Error ellipse: s-maj=118.5km s-min=25.2km az=73.2

ISC 07 13:32:50.1:0.7, 3.6N:0.2, 127.0E:0.4, h100km, n15, c073/14, mb4.1/11, Talaud Islands

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

ISC 07 12:38:40.0:1.9, 33.34N:89.62E, mb3.7/3, mb1 3.8/5, mb1mx3.5/18, mbmtmp3.7/5, ML4.1/2, MS3.2/1, Ms1 3.4/1, s-maj=53.9km az=18.0, Kizang Islands

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

ISC 07 12:38:40.0:1.9, 33.34N:89.62E, mb3.7/3, mb1 3.8/5, mb1mx3.5/18, mbmtmp3.7/5, ML4.1/2, MS3.2/1, Ms1 3.4/1, s-maj=53.9km az=18.0, Kizang Islands

ISC 07 12:40:31.4:14.0, 13.61S:168.63E, mb3.9/4, mb1 4.0/4, mb1mx3.7/14, mbmtmp3.9/4, Error ellipse: s-maj=231.5km s-min=112.0km az=57.0, Vanuatu Islands

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

ISC 07 13:35:15.0:1.0, 8.46N:93.14E, h33km, mb4.4km, mb3.7/6, mb1 3.9/7, mb1mx3.8/18, mbmtmp3.9/7, ML4.3/1, MS3.5/2, Ms1 3.6/2, ms1mx2.9/28, Error ellipse: s-maj=44.5km s-min=14.8km az=46.0

ISC 07 13:35:12.6:0.9, 6.4N:0.2, 92.9E:0.2, h33km, mb1 3.9/7, mb1mx3.8/18, mbmtmp3.9/7, ML4.3/1, MS3.5/2, Ms1 3.6/2, ms1mx2.9/28, Error ellipse: s-maj=44.5km s-min=14.8km az=46.0

BUI 07 13:10:08.8, 10.50N:92.30E, h21km, mb4.2, Ms3.6, IDC 07 13:10:08.3:0.9, 10.51N:92.12E, h20km, mb4.1/8, mb1 4.2/9, mb1mx3.9/19, mbmtmp4.1/9, ML3.1/1, MS3.5/6, Ms1 3.5/6, ms1mx3.3/26, Error ellipse: s-maj=36.9km s-min=14.2km az=54.0

NEIC 07 13:10:08.8:0.6, 10.50N:92.27E, mb4.4/3, Error ellipse: s-maj=21.2km s-min=10.9km az=46.0

ISC 07 13:10:05.6:0.7, 10.31N:0.09, 91.9E:0.1, h21km, h21km, n4km, pp-P, n21, c099/18, mb4.3/9, MS3.6/5, Andaman Islands region

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

ISC 07 13:15:49.8:1.3, 13.21N:93.22E, mb3.6/5, mb1 3.8/6, mb1mx3.6/17, mbmtmp3.6/5, ML3.4/1, Error ellipse: s-maj=44.0km s-min=23.8km az=56.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like Chiang Mai Arr, Songoing Array, etc.

ISC 07 13:28:34.2:2.0, 4.98N:92.99E, h30km, mb6km, mb3.2/4, mb1 3.5/5, mb1mx3.4/18, mbmtmp3.4/5, ML4.1/1, Error ellipse: s-maj=69.6km s-min=19.3km az=61.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like Chiang Mai Arr, Songoing Array, etc.

NEIC 07 13:32:50.9:0.5, 3.59N:127.04E, h90km, mb4.3/7, Error ellipse: s-maj=50.2km s-min=8.0km az=72.0

ISC 07 13:30:01.6:20.0, 3.52N:127.15E, h200km, mb1.5km, mb3.7/5, mb1 3.9/5, mb1mx3.5/17, mbmtmp3.9/17, MS3.4/1, Ms1 3.6/1, ms1mx2.2km az=73.2, Error ellipse: s-maj=118.5km s-min=25.2km az=73.2

ISC 07 13:32:50.1:0.7, 3.6N:0.2, 127.0E:0.4, h100km, n15, c073/14, mb4.1/11, Talaud Islands

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

ISC 07 13:35:15.0:1.0, 8.46N:93.14E, h33km, mb4.4km, mb3.7/6, mb1 3.9/7, mb1mx3.8/18, mbmtmp3.9/7, ML4.3/1, MS3.5/2, Ms1 3.6/2, ms1mx2.9/28, Error ellipse: s-maj=44.5km s-min=14.8km az=46.0

ISC 07 13:35:12.6:0.9, 6.4N:0.2, 92.9E:0.2, h33km, mb1 3.9/7, mb1mx3.8/18, mbmtmp3.9/7, ML4.3/1, MS3.5/2, Ms1 3.6/2, ms1mx2.9/28, Error ellipse: s-maj=44.5km s-min=14.8km az=46.0

7d 15h

Table of station data for the 7d 15h period, including station names, coordinates, and various performance metrics.

2005 JAN

Main table of station data for January 2005, listing station names, coordinates, and performance metrics.

180

Table of station data for the 180-day period, including station names, coordinates, and performance metrics.

ISC 07 15:11:56.5-0.7, 43.75N-45.14E, h20km, 4km, mb4.1/12, mb 4.2/15, mb 1rx4.1/22, mb 4.2/15, ML4.0/3, Error ellipse: s-maj=17.3km s-min=10.8km z=77.0, h20km, 1.0km, pp-P, 2.0, s=15017, mb4.2/10, Eastern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various station codes and their associated data.

JMA 07 15:15:44.8-0.2, 24.71N-122.36E, M3.0 TAP 07 15:15:44.2, 24.89N-122.39E, h6km, ML3.5, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists station codes and their associated data.

mb1 3.7/10, mb1mx3.5/20, mbtmp3.7/10, ML3.7/1, Error ellipse: s-maj=57.1km s-min=15.5km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DLH Dalhousie, DDI Debra Dun, KOLN Koldanda, etc.

ISC 07 15:20:18.8-4.6, 34.5N.0.1-81.0E.0.1, h20km, 36km, n19, o#98/19, mb3.7/9, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, CMAR Chiang Mai Arr, AKASG Malin Array, etc.

ISC 07 15:33:21.6-1.3, 5.53N-93.63E, h31km, 6km, mb3.6/4, mb1 3.9/4, mb1mx3.5/16, mbtmp3.8/4, Error ellipse: s-maj=53.7km s-min=19.3km az=54.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songoing Array, SONM Malin Array, WRA Warrungarra Arr, etc.

MOS 07 15:34:57.4-1.3, 5.17N-94.43E, h33km, mb5.0/10, Error ellipse: s-maj=28.6km s-min=11.3km az=97.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNG Songkhla, NNT Nongplab, NNT Nakhon Sawan, etc.

BJJ 07 15:35:02.1, 5.13N-94.43E, h86km, mb5.0, mb4.9, Ms4.8, Ms2.4

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

ISC 07 15:35:04.0-0.6, 0.5, 60N-94.37E, h55km, 4km, mb4.2/15, mb1 4.4/16, mb1mx4.2/22, mbtmp4.5/16, MS3.2/1, Ms1 3.4/1, ms1mx3.1/18, Error ellipse: s-maj=27.3km s-min=11.4km az=45.0

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

NEIC 07 15:35:04.3-0.4, 5.51N-94.46E, mb4.7/18, Error ellipse: s-maj=11.7km s-min=6.9km az=46.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHRT Chiangrai, HYB Hyderabad, HYB Hyderabad, etc.

ISC 07 15:35:02.0-0.4, 5.47N-100.94E, h56km, h56km, 1.4km, pP, n84, 1506/77, mb4.7/48, MS4.2/1, SC-1D, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNG Songkhla, NNT Nongplab, NNT Nakhon Sawan, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZAK Zakamensk, WRA Warrungarra Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOS 07 15:45:13.2-1.4, 56.84N-117.79E, h14km, mb3.9/1, Error ellipse: s-maj=14.1km s-min=9.1km az=60.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRS comp=N,1um,0.5s, CRS comp=N,2um,0.6s, NLYR Nelyaty, etc.

ASAR Alice Springs 48.29 128 P 18 17 33.8 -1.4

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Alaid, Pauzhetka, Gorety, Russkaya, etc.

DJA 07 18:11:40.9.1.6, 10.12Sx113.72E, h80km, MD4.5/3, ML3.7/1, 1D, Error ellipse: s-maj=42.4km s-min=17.8km

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Scrawed, Kelakatan, Rata, Kedondong, etc.

NEIC 07 18:16:32.2.0.8, 54.99N, 160.38W, h60km, 5km, ML3.7(AE/C), Error ellipse: s-maj=17.6km s-min=4.1km

IDC 07 18:16:34.1.7.3, 55.07N, 160.13W, h74km, 5.4km, mb3.6/8, mb1.3.7/10, mb1mx3.5/23, mb1mx3.8/10, ML3.5/2, Error ellipse: s-maj=72.1km s-min=30.8km az=163.0

ISC 07 18:16:31.31.5.9, 55.05N, 0.1x160.4W, 0.1, h68km, 7km, n32, az=079/36, mb3.8/8, Alaska Peninsula

Large table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Dolgo Island, Pavlov Volcano, Hagu, Dutton South F, etc.

IDC 07 18:21:31.2.13.0.36, 19N, 70.49E, h138km, 115km, mb3.4/5, mb1.3.5/6, mb1mx3.1/19, mb1mx3.7/6, ML3.6/1, Error ellipse: s-maj=76.3km s-min=31.6km az=37.0

ISC 07 18:21:37.4.8.36, 4N, 0.3x70.5E, 0.4, h202km, 34km, n15, az=049/15, mb3.4/4, Hindu Kush region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Almayashu, Uchtor, Erkin-Say, Kyzart, etc.

CSEM 07 18:29:11.3.0.2, 45.57N, 10.70E, h10km, ML2.7/21, Error ellipse: s-maj=4.0km s-min=2.4km az=154.0

ROM 07 18:29:11.5.0.2, 45.09N, 10.54E, h3km, 1km, MD2.9, Error ellipse: s-maj=1.8km s-min=1.0km az=90.0

ZUR 07 18:29:11.2.45.64N, 10.54E, h10km, ML2.3/6, Error ellipse: s-maj=1.8km s-min=1.0km az=90.0

NEIC 07 18:29:11.6.0.5, 45.62N, 10.53E, h10km, ML2.6(LDG), ML2.6(VIE), Error ellipse: s-maj=7.1km s-min=3.6km

LDG 07 18:29:13.2.0.5, 45.56N, 10.64E, h10km, ML2.6/16, Error ellipse: s-maj=9.4km s-min=5.0km az=91.0

ISC 07 18:29:11.0.0.3, 45.64N, 0.02x10.52E, 0.02, h13km, 2km, n62, az=192/106, 8C-10D, Northern Italy

Main table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Salo, Malga Bissina, Monti di Nese, Bormio, Berninapass, Teolo, Castel Tesino, etc.

ISC 07 18:39:05.1.1.0, 36.25N, 0.07x74.9E, 0.2, h33km, n15, az=1506/16, Northwestern Kashmir

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Dalhousie, Kyzart, Almayashu, Uchtor, etc.

Table with columns: DDI, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Dehra Dun, Tokmak 2, Koldanda, etc.

MEX 07 18:40:48.7.1.2, 18.11N, 95.74W, h77km, 35km, MD3.8, Veracruz

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Matias Romero, Oaxaca, Vista Hermosa, etc.

IDC 07 18:44:29.4.2.5, 8.82S, 108.49E, mb3.9/6, mb1.4.0/6, mb1mx3.8/16, mb1mx3.9/6, Error ellipse: s-maj=120.4km s-min=19.9km az=52.0

DJA 07 18:44:30.6.0.8, 11.21S, 108.82E, h33km, MD4.7/2, ML5.3/2, Error ellipse: s-maj=60.1km s-min=16.5km

ISC 07 18:44:39.9.2.9, 8.6S, 0.2x108.9E, 0.1, h96km, 25km, n12, az=1526/16, mb3.7/6, Java

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Scrawed, Kelakatan, Rata, Kedondong, Warramunga Arr, etc.

TIF 07 18:49:07.6, 43.39N, 44.82E, h10km, 26km, CSEM 07 18:49:09.0.2, 43.32N, 44.77E, h25km, mb4.1, Error ellipse: s-maj=7.1km s-min=3.8km az=44.0, After OBN

MOS 07 18:49:09.8.1.9, 43.32N, 44.77E, h25km, mb4.1/1, Error ellipse: s-maj=12.9km s-min=9.1km az=126.4

ISC 07 18:49:08.1.0.6, 43.37N, 0.03x44.89E, 0.04, h10km, n24, az=132/41, 3C-2D, Western Caucasus

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Tsey, Botlikh, Dusheti, Oni, etc.

ISC 07 18:50:19.1.0.3, 5.76N, 103.62E, 0.05, h31km, h31km, 8km, pp-P, n123, az=191/124, mb4.7, MS4.0/6, 8C-4D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Shatshatmas, Mtatsminda, Kislovodsk, Karanay, etc.

BJI 07 18:50:18.7.5.44N, 93.59E, h47km, mb4.8, mb4.9, Ms4.5, Error ellipse: s-maj=26.7km s-min=10.8km az=114.6

MOS 07 18:50:19.6.0.9, 5.92N, 93.65E, h33km, mb5.0/11, Error ellipse: s-maj=26.7km s-min=10.8km az=114.6

IDC 07 18:50:20.7.0.5, 5.76N, 93.51E, h27km, 2km, mb4.4/21, mb1.3.8/2, ms1mx3.2/21, Error ellipse: s-maj=27.3km s-min=10.2km az=49.0

NEIC 07 18:50:21.0.0.2, 5.80N, 93.55E, mb4.7/26, Error ellipse: s-maj=7.6km s-min=5.4km az=219.0

ISC 07 18:50:19.1.0.3, 5.76N, 103.62E, 0.05, h31km, h31km, 8km, pp-P, n123, az=191/124, mb4.7, MS4.0/6, 8C-4D, Off west coast of northern Sumatra

IDC 07 21:18:33.6:0.0, 10.06N:93.48E, mb3.9/10, mb1 4.0/11, mb1mx3.9/19, mbtmp3.9/11, ML3.3/1, MS3.8/3, Ms1 3.8/3, ms1mx3.4/13, Error ellipse: s-maj=36.4km s-min=19.0km az=52.0

BUI 07 21:18:34.2: 9.53N:93.38E, h56km, mb4.3

NEIC 07 21:18:41.5: 1.6, 10.20N:93.68E, h56km, 13km, mb4.5/7, Error ellipse: s-maj=13.7km s-min=9.1km az=211.0

ISC 07 21:18:36.4: 2.10, 11.0N:1.93, 66E:0.09, h30km, 28km, n40, c090/40, mb4.1/16, MS3.9/3, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, HYB Hyderabad, etc.

ISC 07 21:44:52.1: 0.46, 37N:10.08, 15.07E:0.08, n5, c0576/6, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PERS Pernice, GROSN Grobnik, etc.

IDC 07 22:16:21.8: 6.6, 9.73N:92.34E, mb3.6/2, mb1 3.7/3, mb2:1mx3.4/18, mbtmp3.4/3, ML3.7/1, Error ellipse: s-maj=149.3km s-min=45.3km az=95.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

IDC 07 22:27:48.9: 1.0, 5.01N:94.93E, mb4.1/11, mb1 4.2/12, mb1mx4.1/19, mbtmp4.1/12, ML4.4/1, MS3.1/1, Ms1 3.3/1, ms1mx2.8/24, Error ellipse: s-maj=46.6km s-min=18.4km az=49.0

NEIC 07 22:27:52.0: 0.6, 4.56N:94.48E, h30km, mb4.4/5, Error ellipse: s-maj=18.1km s-min=11.1km az=58.0

ISC 07 22:27:50.7: 0.8, 4.6N:0.1, 94.5E:0.1, h30km, n18, c085/18, mb4.2/16, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, BJT Bajitjatau, etc.

Table with columns: BRVK Borovoye, CHKZ Chkalovo, KIV Kislovodsk, etc. Includes station names, Az, AzZ, Phase ID, Time, Res, ISC.

IDC 07 22:33:49.5: 1.1, 15.03N:91.93E, mb3.8/7, mb1 3.9/8, mb1mx3.8/18, mbtmp3.7/8, ML3.0/1, Error ellipse: s-maj=31.4km s-min=20.2km az=45.0, Bay of Bengal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, SONMG Songoing Array, etc.

PRU 07 22:38:55.9, 50.13N:19.15E

WAR 07 22:38:55.5, 50.16N:19.31E, h0km, ML2.5, Mining induced, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, etc.

NEIC 07 22:47:13.6: 0.7, 50.04N:18.48E, h5km, MG2.5(WAR), Error ellipse: s-maj=9.4km s-min=6.3km az=183.0

PRU 07 22:47:14.2, 50.10N:18.38E

WAR 07 22:47:13.5, 50.07N:18.47E, h0km, ML2.4, Mining induced, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, RAC Ostrava-Krasne, etc.

BUI 07 22:58:26.9: 4.80S:153.60E, h42km, mb5.2, mb4.7, Ms4.6, Ms2.4

NEIC 07 22:58:26.9: 0.4, 4.83S:153.65E, mb4.6/12, Error ellipse: s-maj=14.7km s-min=7.9km az=113.0

IDC 07 22:57:40.6: 0.6, 4.83S:153.59E, h48km, mb4.1/12, mb1 4.2/14, mb1mx4.2/17, mbtmp4.3/14, MS3.7/6, Ms1 3.7/6, ms1mx3.3/24, Error ellipse: s-maj=20.6km s-min=13.7km az=109.0

ISC 07 22:58:25.0: 5.4, 85S:07.153, 58E:0.09, h41km, h41km1, h41km2, h41km3, mb4.4/24, MS3.9/4, 1C, New Ireland region

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

Table with columns: ASAR, Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, MBWA Marble Bar, RPZ Rata Peaks, CMAR Chiang Mai Arr, CMAR, LNZH, ULN, etc.

ULN comp=Z,2.0nm,1.5s,mb5.0

Table with columns: ULN, SONMG Songoing Array, VANDA, BILL Bilibino, MCK McKinley, ZAL Zalesovo, ILAR Eielson Array, ILAR, ILAR, QSPA, AAK Ala-Archa, AAK, MAW Mawson, DLBC Dease Lake, CHKZ Chkalovo, etc.

MAN 07 23:01:38.5, 10.28N:126.47E, h23km, mb5.2, ML4.1, MS4.3

BUI 07 23:01:38.5, 10.30N:126.40E, h36km, mb4.9, mb4.6

IDC 07 23:01:39.2: 0.9, 10.35N:126.42E, h36km, mb3.9/10, mb1 4.0/10, mb1mx3.8/20, mbtmp4.1/10, Error ellipse: s-maj=38.1km s-min=16.8km az=71.0

NEIC 07 23:01:39.2: 0.5, 10.35N:126.43E, mb4.5/2, Error ellipse: s-maj=24.0km s-min=8.0km az=74.0

ISC 07 23:01:38.8: 1.2, 10.31N:105.45E:0.09, h50km, 10km, n10, c077/10, n7, c11506/35, mb4.2/12, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH, BUTP Butuan, MSLP Maasin, etc.

MAN 07 23:01:38.5, 10.28N:126.47E, h23km, mb5.2, ML4.1, MS4.3

BUI 07 23:01:38.5, 10.30N:126.40E, h36km, mb4.9, mb4.6

IDC 07 23:01:39.2: 0.9, 10.35N:126.42E, h36km, mb3.9/10, mb1 4.0/10, mb1mx3.8/20, mbtmp4.1/10, Error ellipse: s-maj=38.1km s-min=16.8km az=71.0

NEIC 07 23:01:39.2: 0.5, 10.35N:126.43E, mb4.5/2, Error ellipse: s-maj=24.0km s-min=8.0km az=74.0

ISC 07 23:01:38.8: 1.2, 10.31N:105.45E:0.09, h50km, 10km, n10, c077/10, n7, c11506/35, mb4.2/12, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH, BUTP Butuan, MSLP Maasin, etc.

MOS 07 23:20:25.0: 1.8, 19.65S:177.96W, h263km, mb5.0/4, Error ellipse: s-maj=30.7km s-min=21.2km az=124.4

IDC 07 23:20:56.9: 1.2, 20.31S:178.67W, h599km, 12km, mb3.9/16, mb1 4.2/17, mb1mx4.1/19, mbtmp4.8/17, Error ellipse: s-maj=13.3km s-min=9.5km az=131.0

NEIC 07 23:21:01.9: 1.4, 20.27S:178.81W, h659km, 15km, mb4.5/26, Error ellipse: s-maj=10.8km s-min=8.4km az=135.0

BUI 07 23:21:04.4, 19.51S:179.07W, h658km, mb4.8, mb4.7

ISC 07 23:21:00.7: 1.4, 20.35S:0.08, 178.81W:0.07, h63km, 18km, n159, c080/77, mb4.4/45, 11C-17D, Fiji Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like DZM, DZM, NOUC, URZ, CTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ARU, ARCES, JOF, JOS, MAF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ASPA, WB2, WRAB, WRA, MBWA, etc.

Table with columns: WHF, Hehuan Shan, 1.22, 12, eP, P, B, 03 28 14.2 +0.1, etc.

IDC 08 04:01:23.0,4.8,28.11s,26.78E,mb4.0/4,mb1 4.1/4, mb1mx3.6/19,mbmp4.0/4, Error ellipse: s-maj=134.0km...

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

IDC 08 04:07:52.0,5.9,15.79S,173.24W,mb3.6/4,mb1 3.9/4, mb1mx3.7/15,mbmp3.6/4,MS3.7/2,Ms1 3.7/2, ms1mx3.1/16, Error ellipse: s-maj=285.7km...

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

BUI 08 04:40:35.7, 2.42N,95.59E, h48km, mb5.1, mb4.9, Ms4.5, Ms3.9

IDC 08 04:03:36.9,0.9,2.79N,95.63E, h22km,3km, mb4.2/9, mb1 4.4/10, mb1mx4.1/19,mbmp4.4/10,ML2.5, Error ellipse: s-maj=331.2km...

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

Table with columns: LZH, Lanzhou, 34.00, 12, eP, A, 04 47 18.5 -1.0, etc.

CASC 08 05:00:20.9,1.8,13.29N,89.72W, h42km,27km, MD3.8, ML3.6, SC-11D, El Salvador

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

THE 08 05:02:00.6, 4.1, 22N, 22.38E, h3km, ML2.5 SKO 08 05:02:00.3, 4.1, 30N, 22.39E, h18km, ML 1.8

CSEM 08 05:02:00.2, 0.1, 41.27N, 22.37E, h10km, ML2.5, Error ellipse: s-maj=2.6km...

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

Table with columns: QUR, Paragyurishte, 1.85, 45, eSb, S, 05 02 48.3 +1.3, etc.

THE 08 05:08:28.6, 38.98N, 25.99E, h10km, ML3.3 ATH 08 05:08:28.4, 39.05N, 26.11E, h24km, 2km, MD3.3/3

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

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

IDC 08 05:09:48.4, 1.1, 4.47N, 93.12E, mb3.9/9, mb1 4.1/10, mb1mx4.0/19,mbmp3.9/10,ML4.4/1, Error ellipse: s-maj=43.4km...

NEIC 08 05:09:53.4, 0.6, 4.51N, 93.24E, h30km, mb4.3/4, Error ellipse: s-maj=20.2km...

IDC 08 05:09:51.3, 0.8, 4.5N, 93.1, 93.2E, 0.2, h30km, m23, c0972/13, mb4.2/18, Off west coast of northern Sumatra

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

IDC 08 05:13:41.7, 1.1, 2.49N, 96.42E, mb3.9/6, mb1 4.1/7, mb1mx3.8/18,mbmp3.9/7, Error ellipse: s-maj=70.6km...

IDC 08 05:13:43.5, 1.1, 2.4N, 96.0, 95.8E, 0.3, h33km, m14, c092/14, mb4.3/12, Off west coast of northern Sumatra

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

IDC 08 05:20:15.2,0.8, 14.56N-92.22E, mb3.9/10, mb1 4.0/11, mb1mx3.9/19, mbtmp3.9/11, ML3.8/1, Error ellipse: s-maj=44.3km s-min=15.8km az=54.0

NEIC 08 05:20:19.6,0.5, 14.40N-92.00E, h30km, mb4.3/3, Error ellipse: s-maj=16.9km s-min=10.3km az=46.0

ISC 08 05:20:16.1,2.6, 14.39N,0.07,91.79E,0.05,h23km,20km, n27,r1514/30,mb4.0/13, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Blair, Chiang Mai Arr, Vishakhapatnam, Chennai, Hyderabad, etc.

IDC 08 05:30:42.2,0.5, 10.67N-91.96E, mb4.8/21, mb1 4.9/22, mb1mx4.9/24, mbtmp4.8/22, ML4.3/1, MS4.2/1, Ms1 4.3/1, ms1mx3.4/15, Error ellipse: s-maj=19.6km s-min=12.0km az=45.0

BUI 08 05:30:44.1, 10.53N,92.01E, h32km, mb5.1, mb5.1, Ms4.7, Ms24.3

MOS 08 05:30:45.1, 1.1, 10.68N,92.02E, h33km, mb5.4/25, MS4.2/3, Error ellipse: s-maj=15.0km s-min=7.0km az=11.9

HRVD 08 05:30:46.6,0.5, 10.41N-92.03E, h12km, MW4.8/36, Centroid moment Tensor Solution, LP body waves: s10,c11; Mantle waves: s36,c55; Half duration: 0. Moment tensor: Scale 10^19Nm; Mir1.68t; 10; Mo=0.01t; 0.8; Mw=1.67; 0.9; Mo=1.25; 39; Mo=0.07t; 0.8; Mw=1.04t; 2.7; Best double couple: Mo2.3x10^16 NP1: 15, 83, 131; NP2: 150, 867, 168. Principal axes: T 2.536, Plg620, Azm26; N -467, Plg20; Azm158; P -2.064, Plg19; Azm256; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 08 05:30:46.6,0.2, 10.63N-91.91E, h30km, mb5.2/47 Error ellipse: s-maj=6.6km s-min=4.5km az=37.0

ISC 08 05:30:43.3,1.1, 10.61N,0.04,91.92E,0.03,h21km,7km, h30km,4.3km;P-P,n208,r1518/209,mb5.1/79,MS4.2/19, 18C-6D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Blair, Nongplab, Nakhon Sawan, Chiang Mai Arr, etc.

Table with columns: KAD, Karad, Gorkha, Bhopal, Koldanda, Lhasa, etc. Includes station names and associated data.

Table with columns: ULN, Ulanbaatar, Zakamensk, Mondy, Marble Bar, etc. Includes station names and associated data.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SONM, WRB, WRA, WRAB, WB2, ASPA, ASAR, etc.

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

DCD 08 07:13:42.1±0.7, 57.5S-112.93E, h115km, 16km, MD4, 7/4, ML3, 7/4, 6C-3D, Error ellipse: s-maj=61.9km s-min=21.6km az=20, Jawa

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HOPE, EFI, SNA, etc.

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

NIED 08 07:14:00, 42.90N, 145.50E, h35km, Mw4.1. Best double couple: M1.37x10^15 N1.02x10^17, 868°, 182°, N2.26x10^15, 823°, 1109°

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NEM2, JAK, JNK, etc.

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

MOS 08 07:18:52.8±1.2, 53.47N, 108.39E, h15km, mb4.3/1, Error ellipse: s-maj=16.6km s-min=9.1km az=55.7

MOS Fell (I) at Ogunyury, BYKL 08 07:18:54.1±0.2, 53.59N, 108.26E, h14km, 5km, 7C-4D, FELT I=II MSK at Ogunyury, Lake Baykal region

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

SYRR Suvo 1.04 86 ePg Pg 07 19 25.2 -5.0 SYRR Suvo 1.04 86 ePg Pg 07 19 26.1 -2.2 SYRR Suvo 1.04 86 ePg Pg 07 19 29.2 +2.6

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

8d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULN Ulanbaatar, SONMG Soging Array, BILL Bilibino, ZAL Zalesovo, etc.

ICC 08 08:01:37.1-2.8, 21.99N-143.22E, h192km, 24km, mb3.7/7, mb1 3.9/8, mb2 3.2/2, mbtmp3.6/2.8, Error ellipse: s-maj=43.0km s-min=18.1km az=103.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, WRA Warramunga Arr, ILAR Eielson Array, etc.

NIED 08 08:02:00.29.20N-130.00E, h35km, Mw4.1 Best double couple: M1:66x10^15 NP1:3e47, 868, 1.87r. NP2:2e34, 822, 1.97r

ICC 08 08:02:51.0-0.8, 29.31N-130.06E, mb3.9/1.4, mb1 4.1/1.7, mb1mx4.0/2.7, mbtmp4.1/1.7, ML3.7/3, Error ellipse: s-maj=22.6km s-min=18.5km az=108.0

JMA 08 08:02:56.1-0.2, 29.22N-129.96E, h66km, 4km, M3.5

NICA 08 08:02:56.9-2.7, 29.22N-130.03E, h42km, 27km, mb4.5/1, MW4.1(NIED), Error ellipse: s-maj=25.2km s-min=17.2km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNN Nakanoshima, JAM Amami Oshima, JKC Kikaishima, etc.

ICC 08 08:05:18.6-3.3, 1.8N-92.19E, mb3.8/5, mb1 4.0/6, mb1mx3.8/1.8, mbtmp3.8/6, ML4.4/1, Error ellipse: s-maj=114.1km s-min=23.9km az=69.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KAD Karad, SONMG Soging Array, etc.

2005 JAN

NEIC 08 08:11:54.0-2.6, 4.61N-96.16E, h30km, mb4.5/2, Error ellipse: s-maj=22.3km s-min=10.1km az=55.0

ICC 08 08:11:58.6-6.1, 4.80N-96.28E, h70km, 55km, mb3.9/1.3, mb1 4.0/1.4, mb1mx3.9/2.0, mbtmp4.1/1.4, Error ellipse: s-maj=29.7km s-min=13.2km az=49.0

ISC 08 08:11:52.5-0.5, 4.6N-101.96E, 0.1, h33km, n23, r1510/19, mb4.2/1.5, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, FITZ Fitzroy Creek, etc.

ICC 08 08:15:30.9-6.2, 15.28S-172.21W, mb3.5/4, mb1 3.8/4, mb1mx3.7/1.5, mbtmp3.5/4, Error ellipse: s-maj=302.1km s-min=31.9km az=142.0, Samoa Islands region

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

ICC 08 08:37:03.6-8.9, 2.67N-124.03E, h455km, 118km, mb3.0/7, mb1 3.1/7, mb1mx3.0/1.8, mbtmp3.5/4, Error ellipse: s-maj=64.5km s-min=24.6km az=58.0, Celebes Sea

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

ICC 08 08:37:09.7-6.7, 11.81N-94.34E, h44km, 60km, mb3.7/1.0, mb1 3.8/1.1, mb1mx3.7/1.9, mbtmp3.9/1.1, ML4.0/1, MS4.0/1, mb1 4.0/1.1, mb1mx3.8/2.1, Error ellipse: s-maj=55.9km s-min=15.8km az=54.0

NEIC 08 08:37:09.2-3.3, 11.80N-94.34E, h41km, 27km, mb4.6/3, Error ellipse: s-maj=30.8km s-min=8.7km az=54.0

ISC 08 08:37:06.4-0.7, 11.8N-101.94E, 0.1, h33km, n14, r0543/14, mb4.1/1.3, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Soging Array, ZAL Zalesovo, etc.

NIED 08 08:57:00.41.70N-144.30E, h11km, Mw4.0 Best double couple: M1:24x10^15 NP1:3e13, 872, 1.55r. NP2:2e259, 839, 1.150r

JMA 08 08:57:40.7-0.2, 41.72N-144.30E, h25km, 2km, M4.1

NEIC 08 08:57:48.6-7.9, 42.02N-143.14E, h31km, 57km, mb4.1/3, Error ellipse: s-maj=27.4km s-min=17.9km az=67.0

ICC 08 08:57:54.6-2.8, 42.31N-143.02E, h78km, 24km, mb3.6/1.2, mb1 3.7/1.2, mb1mx3.6/2.3, mbtmp3.9/1.2, Error ellipse: s-maj=20.4km s-min=19.4km az=67.0

ISC 08 08:57:40.0-1.2, 41.68N-107.144E, 0.2, h33km, n22, r0598/20, mb4.1/1.0, Hokkaido region

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

2005 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FX1 Attu Island, ULN Ulanbaatar, SONMG Soging Array, etc.

MAN 08 09:40:56.0, 8.93N-125.69E, h13km, mb4.2, ML3.0, MS2.8, 2C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, BIPH Bislig, CGP Cagayan de Oro, etc.

ICC 08 09:59:29.7-1.1, 0.33N-95.41E, mb3.4/2, mb1 3.8/3, mb1mx3.4/1.8, mbtmp3.5/4, ML4.1/1, Error ellipse: s-maj=306.6km s-min=48.8km az=79.0, Off west coast of northern Sumatara

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

ICC 08 10:13:08.7-1.4, 7.01N-92.88E, mb3.9/7, mb1 4.1/8, mb1mx3.9/1.8, mbtmp3.9/8, ML4.4/1, Error ellipse: s-maj=60.7km s-min=19.0km az=60.0

ISC 08 10:13:12.7-0.9, 7.1N-101.93E, 2.2, h33km, n15, r0598/15, mb4.1/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKM Pulchoki, etc.

BUI 08 10:21:52.9, 2.85N-92.66E, h35km, mb5.0, mb4.7, Ms4.5, Ms2.4

ICC 08 10:21:53.0-0.7, 3.43N-92.68E, mb4.2/1.3, mb1 4.3/1.4, mb1mx4.2/2.1, mbtmp4.2/1.4, ML4.3/1, MS4.1/1.3, ms1mx3.9/2.8, Error ellipse: s-maj=30.4km s-min=15.7km az=46.0

NEIC 08 10:21:53.2-6.6, 3.34N-92.69E, h1km, 41km, mb4.7/6, Error ellipse: s-maj=16.1km s-min=11.7km az=213.0

MOS 08 10:21:55.7-1.1, 3.39N-92.74E, h33km, mb4.6/9, Error ellipse: s-maj=19.5km s-min=10.2km az=104.3

ISC 08 10:21:55.2-0.5, 3.31N-101.06E, h33km, n15, h33km, 1.2km, pP, n77, r125/75, mb4.5/38, MS4.2/19, 2D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG Songkhla, NNT Nonnglab, PAK Palakele, etc.

Table of astronomical observations for 8d 13h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2005 JAN, listing station names, coordinates, and observation details.

Table of astronomical observations for 204, listing station names, coordinates, and observation details.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like WMQ, WMO, WMC, WMC, WMC, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like TIXI, TIXI, MAW, MAW, KOLS, KOLS, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like CNZ, Chateau, CNZ, Chateau, etc.

SDCO Great Sand Dun 38.75 330 eP P 16 10 45.7 +1.4
PDAR Pinedale Array 44.60 332 P P 16 11 31.9 -0.3
HWUT Hardway Ranch 44.73 329 eP P 16 11 33.2 0.0
NVAR Mina Array Bay 46.48 321 P P 16 11 48.6 +1.5

ISCO comp=Z,15nm,1.3s,mb4.9 LR LR
KSUI Kansas State U 66.33 9 eP P 16 18 07.2 -0.2
JLUJ JLUJ 67.20 348 eP P 16 18 12.6 -0.3
HWUT Hardway Ranch 68.28 357 eP P 16 19 17.5 -1.7

ASAR 0.4nm,0.3s,baz=306,slow=12,SNR=49 S S 16 32 41.8 -1.7
MUN Munding 20.37 185 eP P 16 29 36.7 +6.1
NWA0 Narrogin (SRO) 21.25 183 eP P 16 29 48.2
NWA0 Narrogin (SRO) 21.25 183 eP P 16 29 43.8 +4.2

IDC 08 16:08:17.3:0.0,2.6.74S:107.16W,mb4.7/15,mb1.4/8,15,mb1mx4.6/20,mbmp4.7/15,MS4.1/14,Ms1.4/14,ms1mx3.9/17,Error ellipse: s-maj=24.4km s-min=17.3km az=38.0

CHMT Chamberlain Mo 73.59 356 eP P 16 19 51.9 +0.3
GENY Genesee 74.36 22 eP P 16 19 56.2 +0.1
SADO Sadowa 75.73 20 eP P 16 20 03.4 -0.5

IDC 08 16:41:05.0:1.2,8.83N-93.82E,mb3.4/3,mb1.3/6,4,mb1mx3.5/17,mbmp3.4/4,ML3.8/1,Error ellipse: s-maj=54.1km s-min=26.2km az=46.0,Nicobar Islands region

HRVD 08 16:08:18.2:0.0,2.6.78S:107.07W,h22km,MW5.1/44,Centroid moment Tensor Solution. LP body waves: s28,c46,Manile waves: s44,c68; Half duration: 0 Moment tensor: Scale 10^19Nm; Mir3.94,26; Moa1.52,19; Mw=5.46,17; Mw=1.01,40; Mw=0.68,15; Mw=0.62,26; Best double couple: Mo5.302,1016 NP1,19,19,335,7.115; NP2,341,859,7,74; Principal axes: T 4.61,Plg17, Azm213; N 1.384,Plg14; Azm350; P 5.994,Plg12; Azm83; n1, n2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

EDM Edmonton 79.88 356 eP P 16 20 25.4 -1.2
FFC Fin Flon 81.34 3 eP P 16 20 35.4 +1.1
SYO Syowa Base 81.42 168 pP P 16 20 32.5 -1.9

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 10.79 27 Op P 16 43 40.7 -3.2
WRA Warramunga Arr 49.07 126 P P 16 49 54.8 -1.5

NEIC 08 16:08:18.2:0.0,3.26.85S:107.26W,h10km,mb5.0/29,MS4.3/8,Error ellipse: s-maj=9.6km s-min=7.7km az=53.0
BUJ 08 16:08:19.3:26.90S:107.30W,h10km,mb5.7,MS4.6,MS2.4

DLBC Dease Lake 87.04 348 eP P 16 21 04.2 +1.2
SCHO Schefferville 88.42 22 P P 16 21 09.0 -0.6
YKA Yellowknife Arr 89.20 357 P P 16 21 13.3 +0.1

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
OTT 08 16:58:33.6:0.3,52.77N-67.34W,MN3.0/7,Blast, Mount Wright, Qc Mining exploration,,North Quebec

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
RPN Rapa Nui 1.90 260 Op P 16 08 48.6 -0.4
RKT Rikitea 25.39 272 eS S 16 18 09.5 -0.3
ARE Arequipa 34.68 80 eP P 16 15 11.0 +2.5
LVC Limon Verde 34.98 92 P P 16 15 12.0 +1.1

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
YKWS Yellowknife Arr 89.27 357 P P 16 21 13.3 -0.2
DAWY Dawson 94.04 346 eP P 16 21 35.5 -0.1
MENT Mentasta 94.04 344 eP P 16 21 35.8 +0.2

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
SCHO Schefferville 2.08 8 Op P 16 59 38.4 -4.6
SCHQ Schageluk 2.08 8 Op P 16 59 38.4 -4.6
MNO Manicouagan 2.42 202 Pn P 16 59 16.2 +1.2

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
TAOE Nuku Hiva Isla 35.90 294 eLR LR 16 24 50.6
LPAZ La Paz 37.72 82 P P 16 15 35.2 +1.1
LPAZ La Paz 37.72 82 P P 16 15 35.2 +1.1

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ILAR Eielson Arr 96.35 344 P P 16 21 47.4 +1.2
INK Inuvik 96.82 350 eP P 16 21 49.0 +0.8
RES Resolute Bay 101.58 3 eP P 16 22 09.5 -0.1

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
SMQ Clarke City 2.58 171 Pn P 16 59 15.2 -2.1
SMQ Smoky Mountains 2.58 171 Pn P 16 59 45.0 -4.9
ICQ Pointe Anglaise 3.26 179 Pn P 16 59 24.7 -2.2

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
OTAV Otavalo 38.62 50 eP P 16 15 41.0 -0.8
OTAV Otavalo 38.62 50 eP P 16 15 41.0 -0.8
TRQA Tornquist 39.46 118 eP P 16 15 48.8 +0.3

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ULN Ulaanbaatar 145.99 317 ePKP P 16 27 57.5 -0.6
SOMG Songino Arr 146.49 318 P P 16 27 59.1 +1.8
EIL Elat 146.67 6 ePKP P 16 28 01.0 +2.4

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
CNO Baie Comeau 3.51 188 Pn P 16 59 29.8 -0.7
CNO Baie Comeau 3.51 188 Pn P 16 59 12.9 -0.4
GSO Grosses Roches 3.87 178 Pn P 16 59 34.1 -1.5

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
USHA Ushuaia 39.73 145 P P 16 15 52.4 +1.8
PPT Papeete 40.11 274 eS S 16 21 59.3 -1.2
PPT Papeete 40.11 274 eS S 16 25 03.8

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ZAL Zalesovo 151.49 345 PKP P 16 28 05.9 -0.8
ZAL Zalesovo 151.49 345 PKP P 16 28 11.1 +4.5
CHK Chkalovo 153.13 3 ePKP P 16 28 16.2 +7.3

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
LG4Q La Grande 4 4.15 285 Pn P 16 59 37.2 -2.5
LMN Malindi 4.15 285 Pn P 16 59 02.1 -0.3
LG4Q La Grande 4 4.15 285 Pn P 16 59 42.2 -1.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
LTX Lajitas Array 55.94 4 P P 16 17 57.7 +0.5
TXAR Lajitas Array 55.94 4 P P 16 17 57.7 +0.5
TXAR Lajitas Array 55.94 4 P P 16 17 57.7 +0.5

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
KEDI Kedondong 3.81 324 Op P 16 25 52.1 +0.2
KEDI Kedondong 3.81 324 Op P 144nm,0.2s
RATI Rata 4.00 316 Op P 16 26 53.8 -0.8

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ZEI Tsey 0.95 228 Op P 16 27 52.4 -1.2
ONI Oni 1.33 231 P P 16 27 59.2 -0.2
ONI Oni 1.33 231 P P 16 28 18.1 +2.1

ISCO Idaho Springs 66.30 1 eP P 16 19 08.8 +1.6

ASAR Alice Springs 10.31 1 eP P 16 29 20.3 +4.2

KIV Kislodovsk 1.66 290 Pn P 17 28 03.5 -0.7

8d 18h

Table with columns: TID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Plekhanov, Mtatsminda, Nagatskaya, etc.

IDC 08 17:42:32.4 ± 1.8, 3.93N-94.53E, mb3.7/4, mb1 3.9/5, mb1mx3.6/18, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=65.2km s-min=29.6km az=56.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Chiang Mai Arr, Songoing Array, Waramungga Arr, etc.

IDC 08 17:44:16.9 ± 1.8, 6.78N-92.66E, mb3.4/5, mb1 3.6/6, mb1mx3.5/17, mbtmp3.4/6, Error ellipse: s-maj=67.6km s-min=23.6km az=60.0

NEIC 08 17:44:20.0 ± 0.5, 6.51N-92.26E, h30km, mb4.8/3, Error ellipse: s-maj=19.6km s-min=12.1km az=67.0

ISC 08 17:44:18.1 ± 0.7, 6.5N-0.1, 92.3E-0.2, h30km, n12, c0568/12, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Chiang Mai Arr, Diego Garcia, Songoing Array, etc.

WEL 08 17:44:50.5 ± 0.1, 44.34Sx168.42E, h5km, ML3.7/7.5C, Error ellipse: s-maj=1.2km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Jackson Bay, Milford Sound, Wanaka, etc.

IDC 08 17:57:15.7 ± 1.2, 29.21Sx13.02W, mb4.3/6, mb1 4.4/6, mb1mx4.0/15, mbtmp4.3/6, MS4.0/5, Ms1 3.9/5, ms1mx3.4/16, Error ellipse: s-maj=45.9km s-min=23.6km az=153.0

HRVD 08 17:57:17.3 ± 0.7, 29.27Sx12.82W, h12km, MW4.7/28, Centroid moment Tensor Solution, LP body waves, s11.013, Mantle waves: s28c36; Half duration: 0. Moment tensor: Solution 1019Nm; Mir-1.15; 19; Mue-0.38; 21; Mux1.53; 10; Muz0.52; 66; Mv0.14; 15; Mw-0.57; 34; Best double couple: Mo1.584x1016 NP1.0x209, 840, lambda-49; NP2.0x341, 861, lambda-119; Principal axes: T1.649, Plg25, Azm291; N-128, Plg25, Azm356; P-1.52, Plg62, Azm204; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 08 17:57:17.3 ± 0.5, 29.42Sx12.96W, h10km, mb4.9/23 Error ellipse: s-maj=17.8km s-min=10.2km az=150.0

ISC 08 17:57:16.3 ± 0.5, 29.35S-0.1x13.0W, h10km, n50, c1514/11, mb3.8/28, MS4.0/5, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Brasilia Array, Brasilia.

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Table with columns: BDFB, DBIC, LSZ, TRQA, TROA, PALM, LVC, LVC, MBAR, LPAZ, LPAZ, KMBO, MAW, QSDP, QSDP, SDV, EVO, ESDC, ETSF, SJFP, EPF, SBA, TIP, PGF, EIL, LMR, LASF, FRF, SMRF, SBF, VIVF, ORIF, MBDF, MGF, LPL, SMF, AVF, MEZF, CDF, JTS, BRTR, MALT, DWWF, SWUP, ASAR, YKA, INK, SONM, ILAR, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like DMBokro, Dumba, Torquist, Palmer Station, Limon Verde, etc.

IDC 08 17:57:24.6 ± 0.5, 5.77N-94.51E, mb3.4/3, mb1 3.7/4, mb1mx3.5/17, mbtmp3.4/4, ML3.9/1, Error ellipse: s-maj=164.4km s-min=28.8km az=74.0, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Chiang Mai Arr, Songoing Array, Waramungga Arr, etc.

CASC 08 18:14:40.1 ± 1.6, 13.27N-90.46W, h20km, 6km, MD4.0, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Ixgac, San Blas, El Retiro, San Jose, Rbodled, Boqueron, Las Nubes, NBJG, LFU, El Faro, Las Brisas, La Ceiba, Jato, Montecristo 2, Tecpan 2, San Vicente, Bellamira, Conchagua, CNCH.

IDC 08 18:18:52.3 ± 1.0, 11.68S-165.96E, mb3.6/3, mb1 3.9/3, mb1mx3.6/14, mbtmp3.6/3, Error ellipse: s-maj=97.0km s-min=25.5km az=115.0

ISC 08 18:19:25.0 ± 0.3, 41.12N-73.40E, mpv3.6, Error ellipse: s-maj=97.0km s-min=25.5km az=115.0

KNET 08 18:19:24.6 ± 0.1, 41.33N-73.19E, h1km, 3km, ml2.9, 14C-7D, Error ellipse: s-maj=5.3km s-min=4.4km az=79.0, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Brasilia Array, Brasilia.

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Table with columns: AML, UCH, EKS2, AAK, AAK, KZA, KZA, KBK, KBK, CHMS, USP, USP, TKM2, TKM2, MKO2, MKO2. Includes stations like Almayashu, Uchir, Erkin-Say, etc.

BUI 08 18:43:58.5 ± 0.1, 19N-92.48E, h51km, mb4.6 NEIC 08 18:43:59.8 ± 0.4, 8.51N-92.55E, h30km, mb4.6/16, Error ellipse: s-maj=9.9km s-min=8.2km az=213.0

IDC 08 18:44:00.3 ± 0.7, 8.53N-92.52E, h32km, 4km, mb4.0/13, mb1 4.1/14, mb1mx4.1/16, mbtmp4.1/14, ML3.9/1, Error ellipse: s-maj=28.1km s-min=12.3km az=51.0

ISC 08 18:43:58.2 ± 0.5, 8.43N-0.07, 92.53E-0.07, h34km, h34km, 9km, pP, n54, c190/53, mb4.4/30, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Chiang Mai Arr, Pallekele, Vishakhapatnam, etc.

IDC 08 18:43:58.5 ± 0.1, 19N-92.48E, h51km, mb4.6 NEIC 08 18:43:59.8 ± 0.4, 8.51N-92.55E, h30km, mb4.6/16, Error ellipse: s-maj=9.9km s-min=8.2km az=213.0

IDC 08 18:44:00.3 ± 0.7, 8.53N-92.52E, h32km, 4km, mb4.0/13, mb1 4.1/14, mb1mx4.1/16, mbtmp4.1/14, ML3.9/1, Error ellipse: s-maj=28.1km s-min=12.3km az=51.0

ISC 08 18:43:58.2 ± 0.5, 8.43N-0.07, 92.53E-0.07, h34km, h34km, 9km, pP, n54, c190/53, mb4.4/30, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Bhubaneswar, Hyderabad, Imphal, Shillong, Karad, etc.

IDC 08 18:43:58.5 ± 0.1, 19N-92.48E, h51km, mb4.6 NEIC 08 18:43:59.8 ± 0.4, 8.51N-92.55E, h30km, mb4.6/16, Error ellipse: s-maj=9.9km s-min=8.2km az=213.0

IDC 08 18:44:00.3 ± 0.7, 8.53N-92.52E, h32km, 4km, mb4.0/13, mb1 4.1/14, mb1mx4.1/16, mbtmp4.1/14, ML3.9/1, Error ellipse: s-maj=28.1km s-min=12.3km az=51.0

ISC 08 18:43:58.2 ± 0.5, 8.43N-0.07, 92.53E-0.07, h34km, h34km, 9km, pP, n54, c190/53, mb4.4/30, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Songoing Array, Waramungga Arr, Chhalvoo, etc.

IDC 08 18:43:58.5 ± 0.1, 19N-92.48E, h51km, mb4.6 NEIC 08 18:43:59.8 ± 0.4, 8.51N-92.55E, h30km, mb4.6/16, Error ellipse: s-maj=9.9km s-min=8.2km az=213.0

IDC 08 18:44:00.3 ± 0.7, 8.53N-92.52E, h32km, 4km, mb4.0/13, mb1 4.1/14, mb1mx4.1/16, mbtmp4.1/14, ML3.9/1, Error ellipse: s-maj=28.1km s-min=12.3km az=51.0

ISC 08 18:43:58.2 ± 0.5, 8.43N-0.07, 92.53E-0.07, h34km, h34km, 9km, pP, n54, c190/53, mb4.4/30, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Narrogin (SRO), Boroeye Array, Chhalvoo, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like La Plagne, Syowa Base, and Eielson Array.

GUC 08 18:45:03.0.4.0.5.20S>27.82W, h10km, mb5.7(NEIC), MS5.3(NEIC), MW6.0(NEIC)

NEIC 08 18:45:03.0.2.5.50S>27.96W, h10km, mb5.7/20, MS5.3/88, MW6.0, Error ellipse: s-maj=9.8km s-min=7.3km

HRVD 08 18:45:03.0.1.1.55.36S>28.21W, h13km, MW5.6/68, Centroid moment Tensor Solution. LP body waves: s53, c108

IDC 08 18:45:05.8.2.5.55.29S>28.27W, h18km, 1.3km, mb5.0/13, mb1.5/14, mb1mx4.9/16, mbtmps.1/14, ML2.2/1, MS5.1/11

MOS 08 18:45:06.9.1.6.55.41S>28.21W, h33km, mb5.7/11, MS5.3/45, Error ellipse: s-maj=23.0km s-min=10.1km

ISC 08 18:45:03.6.1.8.55.37S>0.06>28.24W, 0.10, h13km, 1.0km, n260, c095/82, mb5.3/32, MS5.3/102, 27C-10D, South Sandwich Islands region

Main table for station data on page 211, including columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like HOPE, VNA1, and various PALMER stations.

Main table for station data on page 2005 JAN, including columns for Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, GOGA, LRAL, and various CBN stations.

Main table for station data on page 8d 18h, including columns for Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, GOGA, LRAL, and various CBN stations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YAK Yakutsk, BRTR Keskin Array B, OBN Obninsk, etc.

THE 08 22:13:46.8, 38.72N-22.72E, h15km, ML2.3
CSEM 08 22:13:46.6, 0.2, 38.68N-22.70E, h10km, ML2.3, Error ellipse: s-maj=4.7km s-min=2.6km az=22.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Greece, LKR Lokris, AGG Agios Georgios, etc.

NEIC 08 22:20:33.4, 2.1, 6.52S-130.23E, h76km, 20km, mb4.4/1.1, Error ellipse: s-maj=18.4km s-min=10.7km az=56.0
IDC 08 22:20:41.1, 2.4, 6.56S-130.27E, h149km, 21km, mb3.9/1.1, mb1.4/1.1, mb1mx4.0/1.7, mbtmp4.4/1.3, Error ellipse: s-maj=29.1km s-min=12.1km az=62.0

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, IDC 08 22:23:09.0, 15.0, 19.79S-178.50W, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CTA Charters Tower, NVAR Mina Arra Bea, TXAR Lajitas Arr, etc.

IDC 08 23:05:45.0, 5.1, 7.49N-93.19E, mb3.4/3, mb1.3/6.4, mb1mx3.5/1.7, mbtmp3.4/4, ML4.1/1, Error ellipse: s-maj=148.0km s-min=31.1km az=77.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SMY Shemya, FX1 Attu Island-F, KIMD Kanaga Island, etc.

IDC 08 23:06:00.6, 3.4, 12.68N-91.83E, mb3.4/3, mb1.3/6.4, mb1mx3.5/1.7, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=90.4km s-min=28.8km az=82.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PBA Port Blair, CMA Chiang Mai Arr, VIS Vishakhapatnam, etc.

IDC 08 23:33:27.0, 7.0, 27.32N-140.25E, h383km, 7km, mb3.4/1.1, mb1.3/1.2, mb1mx3.4/2.2, mbtmp4.1/1.2, Error ellipse: s-maj=20.5km s-min=14.2km az=78.0

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JOF Joensuu, KAF Kangasieniemi, FINES FINES Array B, etc.

BUIJ 08 23:44:34.8, 8.70N-92.32E, h42km, mb4.3, mb4.6
IDC 08 23:44:36.2, 0.6, 8.89N-92.24E, h28km, 3km, mb4.1/1.1, mb1.4/2.1, mb1mx4.1/2.0, mbtmp4.2/1.4, ML3.9/1, MS3.3/1, Ms1.3/5.1, ms1mx3.1/1.4, Error ellipse: s-maj=27.8km s-min=11.5km az=57.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMA Chiang Mai Arr, CMAR Chiang Mai Arr, PALK Pallekele, etc.

NEIC 08 23:44:36.6, 0.3, 8.93N-92.35E, h30km, mb4.6/1.9, Error ellipse: s-maj=24km s-min=5.9km az=53.0
IDC 08 23:44:37.0, 4.0, 8.89N-0.06E-92.33E, 0.7, h30km, h30km, 8km, p-P, n4.8, e103/48, mb4.5/2.9, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HYB Hyderabad, SHL Shillong, JIRN Jiri, etc.

NEIC 09 00:13:02.4, 15.86N-61.57W, h16km, MD3.5(TRN), After TRN. TRN 09 00:13:05.6, 15.84N-61.59W, h1km, MD3.5, M2.5(FDF), 7C-10, Leeward Islands

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like BUTP, SCPH, TBP, MSLP, OCLR, GUIM, BESP, CTA, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ZAK, NDI, DDV, TLY, IRK, WMQ, MOY, CLNS, BOD, RAR, MA2, YAK, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like INK, BRTR, BRTR, ARCES, ARCES, FINES, FINES, MLR, YKA, YKA, YKA, etc.

DJA 09:01:15:12.7,0.6,4.15S:119.32E,h33km,MD4.5/3,ML4.0/1,4C-4D,Error ellipse: s-maj=17.0km s-min=6.6km az=61.0,Sulawesi

Error ellipse: s-maj=79.5km s-min=15.6km az=149.0
ISC 09 01:26:08.7-1.7, 15.0S, 0.8-175.3W, 0.5, h283km, 32km,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like AFM Afiamalu, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISC 09 01:26:18.2-1.1, 7.38N-93.90E, mb3.9/7, mb1 4/1/8, mb1mx3.9/18, mbtmp3.9/8, ML4.3/1, Error ellipse:

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

ISC 09 01:34:03.7-6.3, 4.16N-95.49E, mb3.8/3, mb1 4/0/4, mb1mx3.7/17, mbtmp3.8/4, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungarra Arr, etc.

ISC 09 01:56:23.2-1.5, 5.68N-93.07E, mb3.9/5, mb1 4/1/6, mb1mx3.9/17, mbtmp3.9/6, Error ellipse: s-maj=64.8km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warrungarra Arr, etc.

ISC 09 01:57:08.6-1.3, 7.53N-92.32E, mb3.9/6, mb1 4/2/7, mb1mx3.9/17, mbtmp3.9/7, ML4.2/1, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, CHKZ Chkalovo, etc.

0.6nm, 0.6s, mb3.7, baz=90, slow=2.0, SNR=3.8
ILAR Eielson Array 95.22 P P 02 10 36.2 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ILAR Eielson Array, IDC 09 01:59:08.0-0.4, MOS 09 01:59:11.9-0.9, HRVD 09 01:59:13.1-0.2, etc.

ISC 09 01:59:10.9-0.2, 7.58N, 0.03-92.40E, 0.03, h283km, h283km, 2.3km, p-P, n295, s194/289, mb5.0/105, MS5.0/56,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PBA Port Blair, SNG Songkhla, NNT Nongplab, NST Nakhon Sawan, PALK Palakele, etc.

Table with columns: LZH, XAN, XAN, XAN, XAN, XAN, WHN, WHN, WHN, NJ2, NJ2, NJ2, SSE, SSE, SSE, SSE, SSE, WMQ, WMQ, WMQ, WMQ, WMQ, TIA, TIA, TIA, TIA, KZA, UCH, KBK, AML, TKM2, AAK, AAK, AAK, AAK, AAK, AAK, CHMS, EK2S, BJT, BJT, BJT, USP, JOW, MBWA, MBWA, SONM, ULN, ULN, ULN, ZAK, ZAK, ZAK, SNY, SNY, SNY, MOY, TLY, TLY, TLY, IRK, ZAL, ZAL, ZAL, NWAO, NWAO, NWAO, NWAO, HIA, HIA, NVS, NVS, NVS, NVS, BVAO, BVAO, BRVK, BRVK, MDJ, MDJ, MDJ.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TGY, ENH, LZH, NJ2, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZEI, ARU, YSS, KIV, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MOT, NB2, NOA, CLZ, etc.

NEIC 09 03:11:17.5, 39.06S:176.04E, h74km, ML3.7(WEL), 1C, After WEL, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RITZ, KATZ, WTVZ, etc.

IDC 09 03:14:47.9:2.4, 12.52N:89.48E, mb3.7/3, mb1 4.0/4, mb1mx3.6/17, mbtmp3.7/4, ML4.4/1, Error ellipse: s-maj=70.8km s-min=29.8km az=67.0, Bay of Bengal

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

BUI 09 03:17:17.4, 15.85N:95.00E, h36km, mb4.9, mb4.4, Ms4.7, Ms2.1, IDC 09 03:17:18.6:0.9, 16.25N:95.46E, mb4.0/12, ms1 4.2/13, OFE 09 03:17:19.2:2.2, 16.22N:0.06:95.45E:0.05, h17km, 16km, n42, c085/48, mb4.1/19, MS3.7/1, 1C-2D, Near south coast of Myanmar

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like HYB, NDI, LZH, WMQ, SONM, ZAL, BVAR, BRVK, CHKZ, MBWA, WRA, WRAB, ASAR, EIL, BRTR, FINES, ARCS, HFES, GERES, NOA, LSZ, ILAR.

MAN 09 03:46:11.6, 16.85N-122.51E, h8km, mb4.5, ML3.4, MS3.3, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PALP, CAUP, CVP, BALP, APYV.

CSEM 09 03:49:11.4, 0.1, 43.16N-15.49E, h10km, ML3.1/7, Error ellipse: s-maj=2.3km s-min=1.4km az=69.0

ROM 09 03:49:12.0, 0.2, 43.14N-15.51E, h10km, MD3.5/4, ML2.7/23, Error ellipse: s-maj=3.0km s-min=1.7km az=90.0

NEIC 09 03:49:12.3, 0.8, 43.08N-15.36E, h10km, ML3.1(LDG), Error ellipse: s-maj=11.0km s-min=5.8km az=123.0

LDG 09 03:49:14.2, 0.4, 43.19N-15.36E, h10km, M3.1/11, Error ellipse: s-maj=9.7km s-min=4.4km az=69.0

ISC 09 03:49:11.0, 0.3, 43.19N-15.43E, h10km, n102, +126/100, 7C-3D, Adriatic Sea

Main table for MAN station group with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NVLJ, TERO, RGNG, FGMS, MS1, INTR, CING, CII, AQU, NRCA, SNTG, ARV, PTOR, SDI, SGG, FSSB, BLY, MURB, MNS, CERT, CDT, TREB, MSC, BOJS, MRLC, SGI, CRE, SGO, SFI, ISOR.

Main table for SLCN station group with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SLCN, TRI, PE1, VMGT, CSNT, MGR, VOJS, SEI, CADG, OBKA, GMNA, RHK1, PTCC, PKSM, FVI, ARSA, KBA, MOA, WATA, SOTA, MOTA, DAVA, GECZ, SBF, KHC, WET, WRF, MBDF, LMR, LPL, MORC, NOTT, ORIF, NKC, CABF, HINF, HINF, VIVF, HAU, CLL, SMF, AVF.

IOC 09 03:57:54.5, 1.2, 11.15N-92.48E, mb3.9/6, mb1 4.1/7, mb1mx3.8/17, mbtmp3.8/7, ML3.8/1, MS3.0/2, Mst 3.1/2, ms1mx2.9/16, Error ellipse: s-maj=45.8km s-min=22.1km az=55.0

NEIC 09 03:57:59.2, 0.6, 11.18N-92.56E, h30km, mb4.1/2, Error ellipse: s-maj=17.3km s-min=11.0km az=61.0

ISC 09 03:57:57.0, 0.8, 11.32N-92.07E, 0.1, h30km, n11, +064/111, mb3.9/6, MS3.4/1, Andaman Islands region

Main table for IOC station group with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PBA, CMAR, SONM, ZAL, CHKZ, WRAB, ASAR, FINES, ARCS, GERES, NEIC, RSPR, MGR, LSP, LRS, AOPR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like AOPR, PORP, CELP, SJJG, CSB, HUMP, CBYP.

IDC 09 04:18:59.3, 38.0, 35.79N-70.21E, mb3.8/4, mb1 4.0/4, mb1mx3.5/17, mbtmp3.9/4, MS3.7/1, Mst 3.1/1, ms1mx2.8/19, Error ellipse: s-maj=69.15km s-min=57.9km az=161.0

ISC 09 04:19:21.2, 2.1, 36.28N-106.70E, 0.1, h199km, n25km, n15, +074/18, mb3.6/3, Hindu Kush region

Main table for IDC station group with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DLH, AML, UCH, EKXS, KZA, TKM2, KLP, KUDL, AYAN, ZAL, FINES, ARCS, NOA.

WEL 09 04:43:17.0, 0.1, 40.89S-175.51E, h26km, 1km, ML3.6/15, 9C-5D, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0

North Island

Main table for WEL station group with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MRZ, MTW, CANNON, KAW, KIW, PAWZ, MSWZ, BFZ, WEL, BHW, BHW, TSZ, WAZ, TUWZ, PWZ, BSWZ, MOVZ, WNVZ, WNVZ, DRZ, FWZ, NNZ, NNZ, WNZ, NGZ, OTVZ, WTVZ, Rainy Point, TWZ, Vera Road, BKZ, MGZ, DWZ, NEZ, PKE, KHZ, THZ, QRTZ, HIZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCLL Scilla, MSRU Castanea, SGO Sicignano, etc.

IDC 09 05:16:52.4.1.1, 4.81N-94.74E, mb4.0/9, mb1 4.2/10, mb1mx4.0/18, mbtmp4.0/10, ML3.4/1, MS2.8/1, MS1 3.0/1, ms1mx2.8/16, Error ellipse: s-maj=53.7km s-min=19.4km az=51.0.

NEIC 09 05:16:56.0.0.7, 4.62N-94.57E, h30km, mb4.3/5, Error ellipse: s-maj=23.1km s-min=11.5km az=60.0.

ISC 09 05:16:54.6.0.8, 4.7N.0.1, 94.6E.0.2, h30km, n15, c099/15, mb4.1/14, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, Ulanbataar, LSA Lhasa, etc.

TAP 09 05:33:55.9, 24.58N-121.65E, h62km, ML3.6, 4C-8D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENTT Nioudou, WENT Neicheng, TWE Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWK Nanshi, CHN1 Nanshi, SGGT Jianshan, etc.

GUC 09 05:48:59.8.0.8, 31.99S-67.46W, h140km, ML3.5, 4C, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FCH Farellones, CLCH Cerro Canal, Eielson Array, etc.

IDC 09 05:50:48.5.2, 1.2278N-144.36E, mb3.4/3, mb1 3.8/3, mb1mx3.4/18, mbtmp3.4/3, Error ellipse: s-maj=255.1km s-min=32.1km az=110.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warrunganga Arr, ILAR Eielson Array, YKA Yellowknife Arr, etc.

THE 09 05:57:04.0, 38.95N-23.39E, h1km, ML2.4, ATH 09 05:57:05.1, 38.99N-23.42E, h7km, MD2.7/5, CSEM 09 05:57:05.3.0.1, 38.99N-23.41E, h1km, MD2.7, Error ellipse: s-maj=2.0km s-min=1.0km az=76.0.

NEIC 09 05:57:05.1, 38.99N-23.42E, h7km, MD2.7(ATH), After ATH.

ISC 09 05:57:04.1.0.6, 38.99N.0.03, 23.38E.0.05, h4km, 7km, n10, c096/17, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnisos, etc.

CSEM 09 06:19:33.5.0.1, 35.87N-26.70E, h116km, 3km, MD3.4, Error ellipse: s-maj=3.4km s-min=2.6km az=156.0.

ATH 06:19:35.5, 35.91N-26.58E, h97km, 4km, NEIC 09 06:19:35.5, 35.91N-26.58E, h97km, After ATH.

ISK 09 06:19:36.5, 35.94N-26.53E, h34km, MD3.4, HLW 09 06:19:37.5, 35.63N-26.81E, h33km, Mb4.0.

ISC 09 06:19:34.6.0.7, 35.79N.0.07, 26.65E.0.05, h114km, 15km, n35, c0985/39, 5C-2D, Crete

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

IDC 09 06:20:11.8.3.0, 52.10N-174.37E, mb3.2/3, mb1 3.6/3, mb1mx3.4/20, mbtmp3.2/3, Error ellipse: s-maj=65.1km s-min=13.3km az=26.0, Near Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FX1 Atai Island-F, ILAR Eielson Array, YKA Yellowknife Arr, etc.

IDC 09 06:22:28.1.1.2, 5.62N-93.39E, mb3.9/8, mb1 4.1/9, mb1mx3.9/18, mbtmp3.9/9, ML3.8/1, MS2.9/1, MS1 3.1/1, ms1mx2.4/24, Error ellipse: s-maj=55.9km s-min=21.0km az=51.0.

NEIC 09 06:22:32.0.8, 5.45N-93.34E, h30km, mb4.2, Error ellipse: s-maj=28.9km s-min=15.6km az=61.0.

ISC 09 06:22:30.3.0.8, 5.5N.0.1, 93.4E.0.2, h30km, n12, c107/11, mb4.0/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR comp=Z, 50nm, 18.8s, bazz=275, slow=4.1, etc.

IDC 09 06:26:05.8.1.1, 51.25N-168.37W, mb4.0/9, mb1 4.1/10, mb1mx3.9/22, mbtmp3.9/10, ML3.6/1, Error ellipse: s-maj=32.8km s-min=21.9km az=170.0.

NEIC 09 06:26:09.5, 51.43N-168.45W, h20km, ML3.1(AEIC), After AEIC.

ISC 09 06:26:06.2.2.2, 51.40N.0.0, 168.3W.0.2, h12km, 14km, n24, c096/27, mb4.0/9, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIKO Nikolski, OKFC Magazine Ridge, OKFC Okmok Cone E, etc.

IDC 09 06:37:34.6.6.2, 7.23S-128.69E, h94km, 50km, mb3.8/5, mb1 4.1/7, mb1mx3.9/13, mbtmp4.2/7, ML3.8/2, MS2.9/2, Ms1 2.9/2, ms1mx2.5/19, Error ellipse: s-maj=95.6km s-min=22.2km az=63.0.

NEIC 09 06:37:38.1.2.1, 7.37S-128.39E, h128km, 20km, mb4.3/5, Error ellipse: s-maj=20.8km s-min=14.8km az=78.0.

ISC 09 06:37:40.5.1.6, 7.74S.0.07, 128.42E.0.09, h186km, 18km, n29, c104/29, mb4.3/13, 1D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 09 06:56:32.0.7.8, 7.78N-92.03E, h32km, 4km, mb3.9/12, mb1 4.1/13, mb1mx4.0/19, mbtmp4.1/13, ML4.2/1, MS3.0/1, MS1 3.2/1, ms1mx3.0/18, Error ellipse: s-maj=30.3km s-min=13.8km az=51.0.

NEIC 09 06:56:32.0.4.7, 7.72N-92.00E, mb4.2, Error ellipse: s-maj=15.4km s-min=8.0km az=63.0.

ISC 09 06:56:30.3.0.6, 7.72N.0.09, 92.0E.0.1, h32km,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, CMAR Warramunga Arr, etc.

IDC 09 07:11:40.4, 1.3, 2.90N-93.75E, h28km, 6km, mb3.7/6, mb1 3.9/7, mb1mx3.7/17, mb1trp3.8/17, ML 4.1/1, Error ellipse: s-maj=55.7km s-min=18.4km az=54.0

NEIC 09 07:11:40.0, 1.0, 2.83N-93.71E, mb4.0/1, Error ellipse: s-maj=31.4km s-min=12.0km az=67.0

ISC 09 07:11:38.1, 1.2, 2.80N, 1.93, 7E-0.3, h28km, h28km, 7km, pp-P, n8, c066/8, mb3.9/7, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, SONM Songino Array, etc.

MAN 09 07:24:52.5, 9.19N-125.56E, h5km, mb4.1, ML2.9, MS2.6, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, SCPH Surigao, CGP Cagayan de Oro, etc.

IDC 09 07:54:08.9, 4.2, 12.18S-167.11E, mb3.6/3, mb1 3.9/3, mb1 3.8/5, mb1mx3.6/13, mb1trp3.6/3, Error ellipse: s-maj=233.5km s-min=31.3km az=141.0, Santa Cruz Islands

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

IDC 09 07:57:00.9, 3.5, 5.71S-147.84E, h155km, 29km, mb3.6/3, mb1 3.8/5, mb1mx3.6/13, mb1trp3.6/3, Error ellipse: s-maj=71.2km s-min=28.3km az=96.0

NEIC 09 07:57:01.6, 2.0, 5.69S-147.75E, h162km, 18km, mb4.1/1, Error ellipse: s-maj=36.1km s-min=19.5km az=103.0

ISC 09 07:56:59.2, 8.5, 6.5S-147.7E, 0.2, 147.7E, 0.2, h161km, 21km, n12, c090/14, mb4.0/5, 2D, Eastern New Guinea region

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

IDC 09 08:06:02.6, 0.9, 8.71N-39.36W, mb3.9/7, mb1 4.1/7, mb1 mx3.8/18, mb1trp3.9/7, MS3.8/7, Ms1 3.8/7, ms1mx3.3/24, Error ellipse: s-maj=28.4km s-min=23.4km az=149.0

NEIC 09 08:06:02.0, 6.7, 8.7N-39.34W, h10km, n13, Error ellipse: s-maj=19.9km s-min=15.7km az=129.0

ISC 09 08:06:02.6, 0.7, 8.7N, 1.0, 39.3W, 0.2, h10km, n13, c0886/9, mb4.0/8, MS3.8/7, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BDFB Brasilia, SJG San Juan, DBIC Dimbokro, etc.

BJJ 09 08:32.3, 4.4, 48N-93.36E, h30km, mb5.0, mb4.7, Ms4.6, Ms4.4

NEIC 09 08:39:06.0, 4.5, 43N-93.50E, h30km, mb4.6/8, Error ellipse: s-maj=14.3km s-min=8.4km az=54.0

MOS 09 08:09:40.2, 0.9, 5.61N-93.21E, h33km, mb4.9/4, MS4.3/4, Error ellipse: s-maj=23.9km s-min=10.0km az=96.7

IDC 09 08:09:43.9, 6.0, 5.53N-93.54E, h63km, 54km, mb4.0/13, mb1 4.2/12, mb1mx4.1/19, mb1trp4.3/14, ML 4.0/1, MS4.1/12, Ms1 4.2/12, ms1mx3.9/25, Error ellipse: s-maj=27.5km s-min=13.8km az=51.0

ISC 09 08:09:38.5, 0.4, 5.34N-107.9344E, 0.07, h33km, n79, c1087/6, mb4.6/35, MS4.3/21, 2D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, TRD Trivandrum, etc.

MAN 09 07:24:52.5, 9.19N-125.56E, h5km, mb4.1, ML2.9, MS2.6, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ARU Arti, KIV Kislovodsk, etc.

IDC 09 08:17:59.2, 3.3, 5.19N-93.76E, mb3.6/3, mb1 3.8/4, mb1 mx3.6/17, mb1trp3.6/4, ML 4.0/1, Error ellipse: s-maj=16.0km s-min=29.0km az=65.0

NEIC 09 08:18:04.2, 1.3, 5.25N-93.95E, h30km, mb4.1/3, Error ellipse: s-maj=42.6km s-min=14.4km az=67.0

ISC 09 08:18:02.4, 1.5, 5.3N, 0.2, 94.0E-0.3, h30km, n8, c0974/8, mb3.9/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, NJ2, SSE Sheshan, etc.

IDC 09 08:17:59.2, 3.3, 5.19N-93.76E, mb3.6/3, mb1 3.8/4, mb1 mx3.6/17, mb1trp3.6/4, ML 4.0/1, Error ellipse: s-maj=16.0km s-min=29.0km az=65.0

NEIC 09 08:18:04.2, 1.3, 5.25N-93.95E, h30km, mb4.1/3, Error ellipse: s-maj=42.6km s-min=14.4km az=67.0

ISC 09 08:18:02.4, 1.5, 5.3N, 0.2, 94.0E-0.3, h30km, n8, c0974/8, mb3.9/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MK02, SONM Songino Array, ULN Ulanbaatar, etc.

BJJ 09 08:32.3, 4.4, 48N-93.36E, h30km, mb5.0, mb4.7, Ms4.6, Ms4.4

NEIC 09 08:39:06.0, 4.5, 43N-93.50E, h30km, mb4.6/8, Error ellipse: s-maj=14.3km s-min=8.4km az=54.0

MOS 09 08:09:40.2, 0.9, 5.61N-93.21E, h33km, mb4.9/4, MS4.3/4, Error ellipse: s-maj=23.9km s-min=10.0km az=96.7

IDC 09 08:09:43.9, 6.0, 5.53N-93.54E, h63km, 54km, mb4.0/13, mb1 4.2/12, mb1mx4.1/19, mb1trp4.3/14, ML 4.0/1, MS4.1/12, Ms1 4.2/12, ms1mx3.9/25, Error ellipse: s-maj=27.5km s-min=13.8km az=51.0

ISC 09 08:09:38.5, 0.4, 5.34N-107.9344E, 0.07, h33km, n79, c1087/6, mb4.6/35, MS4.3/21, 2D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ Asahikawa, ARU Arti, ARU Arti, KIV Kislovodsk, etc.

MAN 09 07:24:52.5, 9.19N-125.56E, h5km, mb4.1, ML2.9, MS2.6, Mindanao

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

IDC 09 08:17:59.2, 3.3, 5.19N-93.76E, mb3.6/3, mb1 3.8/4, mb1 mx3.6/17, mb1trp3.6/4, ML 4.0/1, Error ellipse: s-maj=16.0km s-min=29.0km az=65.0

NEIC 09 08:18:04.2, 1.3, 5.25N-93.95E, h30km, mb4.1/3, Error ellipse: s-maj=42.6km s-min=14.4km az=67.0

ISC 09 08:18:02.4, 1.5, 5.3N, 0.2, 94.0E-0.3, h30km, n8, c0974/8, mb3.9/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like JAJO Obara, JAJO Miyama, TSUJU Tsu 2, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ARCES ARCS Array B, RES Resolute Bay, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like JNAR Kushima-Naru, JNAR Tokunoshima, JTK Takazaki, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRR Gorron, SMF Signal de Mont, AVF Avril sur Loir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CSEEM 09 11:01:31.9, 37.29N-21.54E, h18km, MD3.7/12, After ATH, etc.

Table with columns: PCBR, Station Name, Time, Res, etc. Includes stations like Castelo Branco, Espera, Adamuz, Lobios, Zamans, Aron Agras, Calabor, Gudarrama.

MOS 09 13:33:52.6, 1.5, 47.69N-154.20E, h49km, mb4.3/2, Error ellipse: s-maj=16.9km s-min=11.3km az=73.9

Main table for 9d 14h section, listing station names, codes, and various parameters like Time, Res, etc.

Table for 2005 JAN section, listing station names like STKA, KAKA, ASAR, etc., and their associated data.

ICD 09 13:52:36.9, 3.2, 13.20N-93.07E, mb3.5/3, mb1 3.7/4, mb1mx3.5/16, mbtmp3.4/4, ML3.5/1, Error ellipse: s-maj=82.0km s-min=29.4km az=81.0, Andaman Islands region

Table for ICD 09 13:52:36.9 section, listing station names and parameters.

Table for 230 section, listing station names like MAT, WRA, YKA, etc., and their associated data.

ICD 09 14:21:19.0, 9.8, 15.24N-91.93W, mb3.6/3, mb1 4.1/4, mb1mx3.6/18, mbtmp3.7/4, ML4.5/1, Error ellipse: s-maj=194.6km s-min=102.9km az=13.0

Table for ICD 09 14:21:19.0 section, listing station names and parameters.

CSEM 09 14:27:01.4, 0.1, 40.20N-41.64E, h2km, MD3.5, Error ellipse: s-maj=2.5km s-min=1.7km az=100.0

Table for CSEM 09 14:27:01.4 section, listing station names and parameters.

ICD 09 14:28:38.9, 3.3, 1.02S-128.31E, mb4.2/2, mb1 4.2/3, mb1mx3.7/13, mbtmp4.0/3, ML3.7/1, Error ellipse: s-maj=158.6km s-min=32.2km az=74.0, Halimahera

Table for ICD 09 14:28:38.9 section, listing station names and parameters.

LDG 09 14:31:56.1, 0.2, 42.90N-7.38W, h10km, MI3.7/27, Error ellipse: s-maj=5.3km s-min=1.8km az=119.0

INMG 09 14:31:56.7, 0.2, 42.82N-7.24W, h10km, mbLg3.3/31, Error ellipse: s-maj=1.8km s-min=1.5km az=102.0

CSEM 09 14:31:56.4, 0.1, 42.84N-7.27W, h10km, ML3.8/34, Error ellipse: s-maj=2.6km s-min=1.4km az=118.0

NEIC 09 14:31:56.7, 42.82N-7.28W, h10km, ML3.7(LDG), MN3.6(MDD), After MDD

NEIC Fell (III) in the epicentral area. IGL 09 14:31:58.4, 42.80N-7.20W, h20km, ML3.4

MDD 09 14:31:56.7, 0.2, 42.82N-7.24W, h10km, mbLg3.3/31, 8C-4D, Error ellipse: s-maj=2.7km s-min=1.8km az=100.0, PRXIMO, Spain

Table for ICD 09 14:31:56.7 section, listing station names and parameters.

PBRG	Braganca	1.08 160	Pg	Pg	14 32 16.6	-1.7	comp=E,60nm,0.4s	LIS	Lisbon	4.35 200	eP	Pn	14 33 01.3	-3.1	ERTA	Horta de San J	5.95 106	Pg	Pg	14 33 47.4	-8.2
PBRG			Lg		14 32 30.3			LIS			eS	Sn	14 33 48.1	-7.6	ERTA			Sn	Sn	14 34 29.0	-7.1
ELOB	Lobios	1.13 213	Pg	Pg	14 32 16.8	-2.5		LIS			eS	Sn	14 33 48.3	-7.4	ESPR	SNR=7.9	6.04 169	Pg	Pg	14 33 46.4	-1.1
ELOB			Pn	Pn	14 32 32.0		comp=E,75nm,0.3s	LIS	Lisbon	4.35 200	Pn	Pn	14 33 51.4		ESPR	comp=E,0.5nm,0.3s,SNR=7.9		Sn	Sn	14 34 30.6	-7.6
ELOB			Pg	Pg	14 32 18.2	-1.2		LIS			Pn	Pn	14 33 01.3	-3.1	ESPR	comp=E,7.7nm,0.3s,SNR=7.9		Sn	Sn	14 35 08.1	
ELOB			Lg		14 32 31.8		comp=E,75nm,0.3s	MOE	Montemor	4.37 191	ePn	Pn	14 33 02.1	-2.6	ESPR	comp=E,18nm,0.3s,SNR=7.9		Lg		14 34 32.4	-5.8
ELOB			Lg		14 32 16.8	-2.5		MOE			eS	Sn	14 33 50.3	-6.1	ESPR	comp=E,4.6nm,0.3s,SNR=7.9		Sn	Sn	14 34 32.4	-5.8
ELOB			Pg	Pg	14 32 18.2	-1.2		MOE			eSg	Sg	14 34 14.1	-8.2	ESPR	comp=E,4.6nm,0.3s,SNR=7.9		Sn	Sn	14 34 32.4	-5.8
ELOB			Lg		14 32 31.8			SJPF	Ste Jean	4.43 84	ePn	Pn	14 33 03.9	-1.6	LUJA	Lijar	6.07 166	Sn	Sn	14 34 33.0	-6.0
ELOB			Lg		14 32 18.8	-3.2	comp=E,13nm,0.3s	LARF	Larrau	4.60 85	P	Sn	14 33 52.9	-4.8	LUJA			Sn	Sn	14 35 09.9	
ELOB			Lg		14 32 18.8	-1.6		LARF			S	Sn	14 33 06.1	-1.9	EBR	Ebro Roquetas	6.12 106	ePn	ePn	14 33 30.5	
ELOB			Lg		14 32 20.6	-1.5		LARF			S	Sn	14 33 58.3	-3.8	EBR			ePn	ePn	14 35 11.5	
ELOB			Lg		14 32 35.1	-2.5		PBEJ	Beja	4.81 186	ePn	Sn	14 33 08.2	-2.8	MLS	Moulis	6.13 86	P	P	14 33 26.5	-3.0
ELOB			Lg		14 32 37.7		comp=E,27nm,0.6s	PBEJ			eS	Sn	14 34 00.1	-7.3	ELOJ	Sierra Loja	6.14 156	Lg	Lg	14 35 10.5	
ELOB			Lg		14 32 19.1	-3.2		PBEJ			eSg	Sn	14 34 27.9	-9.0	FFF	La Frestale	6.15 67	ePn	ePn	14 33 25.8	-4.0
ELOB			Lg		14 32 37.9			PBEJ			Pn	Pn	14 33 08.2	-2.8	FFF			eS	eS	14 34 32.9	-8.0
ELOB			Lg		14 32 37.9		comp=E,14nm,0.6s	PBEJ			Pn	Pn	14 34 00.1	-7.3	ROSF	Postreiren	6.18 25	ePn	ePn	14 33 25.2	-5.1
ELOB			Lg		14 32 19.1	-1.5		PBEJ			Lg	Lg	14 34 27.9		ROSF			eS	eS	14 34 29.6	-12
ELOB			Lg		14 32 20.9	-1.5		ETSF	Etsaut	4.91 87	ePn	Pn	14 33 10.4	-2.0	SALF	Salau	6.21 88	P	P	14 33 28.4	-2.2
ELOB			Lg		14 32 20.9	-1.5		ETSF			eS	Sn	14 34 04.5	-5.5	MFF	Saint Martin d	6.31 51	ePn	ePn	14 33 27.7	-4.5
ELOB			Lg		14 32 37.5		comp=E,21nm,0.3s	EMIN	Mina Concepcio	5.06 175	Pn	Pn	14 33 12.3	-2.3	MFF			eS	eS	14 34 34.1	-1.1
ELOB			Lg		14 32 37.5			EMIN			Pn	Pn	14 34 05.9	-7.9	SGMF	Saint Gilles	6.35 30	ePn	ePn	14 33 27.4	-5.3
ELOB			Lg		14 32 19.1	-3.3		EMIN			Pn	Pn	14 33 11.4	-3.2	SGMF			eS	eS	14 34 34.0	-12
ELOB			Lg		14 32 35.1	-2.8		EMIN			Pn	Pn	14 33 11.4	-3.2	SGMF			eS	eS	14 33 27.4	-5.3
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Lg	Lg	14 34 06.0	-7.8	SGMF			eS	eS	14 34 34.0	-12
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 34 33.6		EPOB	Poblet	6.36 101	Pn	Pn	14 33 28.8	-4.1
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 34 05.9	-7.9	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 34 06.0	-7.8	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 20.9	-1.5		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg		14 32 35.1	-2.8		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 35 14.9	
ELOB			Lg		14 32 37.5		comp=E,3.4nm,0.4s,SNR=4.0	EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 29.1	-3.8
ELOB			Lg		14 32 19.1	-3.2		EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 33 53.6	-1.0
ELOB			Lg		14 32 37.9			EMIN			Sn	Sn	14 33 12.3	-2.2	EPOB			Pn	Pn	14 34 38.1	-8.2
ELOB			Lg	</																	

Table of station data for the 9d 16h section, including columns for station name, frequency, and various parameters.

Table of station data for the 2005 JAN section, including columns for station name, frequency, and various parameters.

Table of station data for the 234 section, including columns for station name, frequency, and various parameters.

MDJ		XP	sP	16 34 22.8	-1.8
MDJ		PP	PP	16 35 29.3	-2.4
MDJ		PCP	PCP	16 36 31.9	-1.2
MDJ		S	S	16 39 44.0	-1.0
MDJ		XS	XS	16 40 03.1	
MDJ		SCP	SCP	16 40 14.5	
MDJ		P	P	16 40 19.2	
MDJ	comp=Z,13nm,1.1s,mb4.8				
MDJ	comp=Z,147nm,5.1s	AMB	AMB		
MDJ	comp=E,707nm,27.6s	LR	LR		
MDJ	comp=Z,948nm,25.8s,MS4.4	LR	LR		
YBH	Yreka Blue Hor	37.19	84 P	16 34 18.1	+1.9
YBH	Yreka Blue Hor	37.19	84 P	16 34 18.8	+2.6
EDM	Edmonton	37.29	62 eP	16 34 17.7	+0.8
MOD	Modoc	36.59	82 eP	16 34 29.2	+1.4
WALA	Waterton Lakes	38.77	68 eP	16 34 29.9	+0.5
BMO	Blue Mountains	38.84	76 eP	16 34 31.4	+1.5
BMO	comp=Z,8.0nm,0.8s,mb4.5				
BMO	Blue Mountains	38.84	76 eP	16 34 30.6	+0.7
BMO	comp=Z,7.8nm,0.8s,mb4.5				
WVOR	Wild Horse Val	39.32	80 eP	16 34 41.9	+0.7
WVOR	Wild Horse Val	39.32	80 eP	16 34 35.3	+1.3
OHCM	Honcut	39.33	86 eP	16 34 35.2	+1.1
CBJ	Chichijima	39.67	248 LR	16 47 57.0	
MSO	Missoula	39.84	71 eP	16 34 38.1	-0.2
CMB	Columbia Cole	40.80	87 eP	16 34 48.4	+2.1
CMB	comp=Z,56nm,1.6s,mb4.9				
CMB	Columbia Cole	40.80	87 eP	16 34 47.1	+0.9
HRY	Holter Researc	41.15	70 eP	16 34 49.6	+0.5
HLID	Hailey	41.28	76 eP	16 34 51.0	+0.8
HLID	comp=Z,33nm,1.2s,mb4.8				
SHNY	Shenyang	41.43	281 eP	16 35 03.0	+1.4
SNY	comp=N,80nm,1.1s,mb5.3	AMB	AMB	16 34 51.8	+0.3
SNY	comp=N,600nm,24.1s	LR	LR		
SNY	comp=N,600nm,24.1s	LR	LR		
BOZ	Bozeman (W)	41.83	72 eP	16 34 55.2	+0.7
BOZ	comp=Z,820nm,23.5s,MS4.5				
BOZ	Bozeman (W)	41.83	72 eP	16 35 06.5	+0.5
BOZ	comp=Z,23nm,0.7s,mb4.9				
BOZ	Bozeman (W)	41.83	72 eP	16 34 55.2	+0.6
BOZ	comp=Z,23nm,0.7s,mb4.9				
NVAR	Mina Array Bea	41.86	85 eP	16 34 56.5	+0.5
NVAR	comp=Z,6.9nm,0.4s,mb4.3,baz=299,slow=6.7,SNR=13				
NVAR	Mina Array Bea	41.86	85 eP	16 35 01.8	+0.9
OMM	Old Mammoth Mi	41.92	86 eP	16 34 57.5	+2.1
MNV	Mina	41.95	85 eP	16 34 57.5	+1.8
MNV	comp=Z,29nm,1.4s,mb4.7				
MNV	Mina	41.95	85 eP	16 34 56.7	+1.1
MNV	comp=Z,29nm,1.5s,mb4.7				
INCN	Inchon	42.12	274 eP	16 34 57.5	+0.5
FFC	Flin Flon	42.71	55 eP	16 35 01.6	-0.1
FFC	comp=Z,5.0nm,0.5s,mb4.5				
FFC	Flin Flon	42.71	55 eP	16 35 00.9	-0.8
FFC	comp=Z,4.5nm,0.5s,mb4.5				
YMR	Madison River	42.75	72 eP	16 35 02.8	+0.7
YMR	comp=Z,257nm,18.6s,MS4.3,baz=325,slow=33				
YMR	Norris Junctio	42.90	72 eP	16 35 04.6	+1.2
YMR	comp=Z,257nm,18.6s,MS4.3,baz=325,slow=33				
GMCT	Greycliff	42.91	70 eP	16 35 16.0	+1.3
YFT	Old Faithful	42.95	73 eP	16 35 04.2	+1.5
HVU	Hansel Valley	43.28	77 eP	16 35 08.3	+1.7
HVU	Hansel Valley	43.28	77 eP	16 35 07.5	+0.9
MOOW	Moose Ponds	43.39	73 eP	16 35 07.5	+0.1
TRCR	Troy Canyon	43.35	69 eP	16 35 09.0	+0.5
BGU	Big Grass Mou	43.63	78 eP	16 35 09.2	-0.2
AHID	Auburn Hatcher	43.75	75 eP	16 35 10.7	+0.5
AHID	comp=Z,20nm,1.0s,mb4.8				
AHID	South Promonto	43.76	77 eP	16 35 22.2	+0.5
SPUT	Hardware Ranch	44.12	77 eP	16 35 10.8	+0.4
HWUT	Madison River	44.72	77 eP	16 35 13.6	+0.3
HWUT	comp=Z,14nm,1.0s,mb4.6				
NOQ	North Oquirrh	44.35	78 eP	16 35 15.6	+0.4
DGMT	Dagmar	44.63	64 eP	16 35 17.4	+0.1
BW06	Boulder Array	44.66	74 eP	16 35 18.2	+0.6
BW06	comp=Z,20nm,0.6s,mb4.9				
BW06	Pinedale Array	44.66	74 eP	16 35 30.0	+0.9
PDAR	comp=Z,23nm,0.6s,mb5.2,baz=304,slow=4.0,SNR=182				
PDAR	Fort Churchill	44.67	47 eP	16 35 18.8	+1.1
FCC	Fort Churchill	44.67	47 eP	16 35 17.2	-0.3
FCC	comp=Z,8.0nm,0.5s,mb4.8				
FCC	Fort Churchill	44.67	47 eP	16 35 16.4	-1.0
FCC	comp=Z,7.5nm,0.5s,mb4.8				
JLU	Jordanelle	44.79	78 eP	16 35 19.3	+0.7
NLU	North Lily Min	44.79	78 eP	16 35 19.4	+0.7
MPU	Maple Canyon	45.02	78 eP	16 35 21.4	+0.8
MSU	Marysville	45.61	80 eP	16 35 26.8	+1.5
TMUT	Trail Mountain	45.72	79 eP	16 35 27.2	+1.1
NEN	Nelson	45.75	85 eP	16 35 26.7	+0.3
SRU	San Rafael	46.26	79 eP	16 35 32.0	+1.6
SRU	San Rafael	46.26	79 eP	16 35 30.9	+0.6
TLY	Talaya	47.45	304 iP	16 35 39.6	0.0
PLV10	Paradox Valley	47.62	78 eP	16 35 41.4	+0.3
UNL	Ulaanbaatar	47.74	298 iP	16 35 41.1	-0.8
UNL	Ulaanbaatar	47.74	298 eP	16 35 39.8	-2.1
PHWY	Pilot Hill	47.79	73 eP	16 35 43.2	-0.8
PV01	Paradox Valley	48.06	78 eP	16 35 44.6	+0.1
SON1	Songino Array	48.12	298 P	16 35 45.1	+0.2
SON1	comp=Z,3.4nm,0.8s,mb4.4,baz=50,slow=7.2,SNR=16				
SONM	comp=Z,6.4nm,0.9s,baz=90,slow=1.2,SNR=4.7				
SONM	comp=Z,6.4nm,0.9s,baz=90,slow=1.2,SNR=4.7				
ZAK	Zakamensk	48.36	302 iP	16 41 01.8	
RW3	Ridgway	48.53	78 eP	16 35 45.7	-1.0
RW3	Ridgway	48.53	78 eP	16 35 30.9	+0.6
ISCO	Idaho Springs	48.82	75 eP	16 35 50.5	+0.1
ISCO	comp=Z,6.0nm,0.5s,mb4.9				
ISCO	Idaho Springs	48.82	75 eP	16 35 50.5	+0.1
ISCO	comp=Z,5.6nm,0.5s,mb4.8				
ISCO	Tai'an	48.83	279 eP	16 36 03.0	+1.1
TIA	comp=Z,26nm,1.1s,mb5.2	AMB	AMB	16 35 51.0	+0.5
SSE	Sheshan	49.69	271 P	16 35 52.6	-4.6
SSE	comp=Z,19nm,0.8s,mb5.3				
SSE	Sheshan	49.69	271 P	16 36 06.0	-7.6
SSE	comp=Z,19nm,0.8s,mb5.3				
SSE	Sheshan	49.69	271 P	16 42 56.1	-5.8
SSE	comp=Z,48nm,0.7s,mb5.6	AMB	AMB		
SSE	comp=Z,182nm,4.4s	LR	LR		
SSE	comp=N,184nm,22.0s,MS4.0	LR	LR		
SSE	comp=Z,51nm,22.2s,MS4.0	LR	LR		
SSE	comp=Z,199nm,28.9s	LR	LR		
SDCO	Great Sand Dun	50.18	77 eP	16 36 01.5	+0.6
TUC	Tucson	50.48	86 eP	16 36 04.2	+0.9
TUC	comp=Z,35nm,1.1s,mb5.3				
TUC	Tucson	50.48	86 eP	16 36 03.8	+0.6
TUC	comp=Z,35nm,1.1s,mb5.3				
NJ2	Nanjing	50.50	274 eP	16 36 04.1	+0.7

NJ2		PP	PP	16 38 01.0	+0.9
NJ2		S	S	16 43 12.0	-1.1
NJ2	comp=Z,140nm,0.8s,mb5.9				
NJ2	comp=Z,1µm,4.5s	AMB	AMB		
NJ2	comp=N,860nm,13.1s	LR	LR		
NJ2	comp=E,1µm,20.0s	LR	LR		
NJ2	comp=Z,7µm,21.9s	LR	LR		
DAG	Danmarks Havn	51.24	7 eP	16 36 10.0	+1.6
DAG	Danmarks Havn	51.24	7 iP	16 36 10.0	+1.6
DAG	Ladron	51.25	81 eP	16 36 11.0	+1.2
DAG	Albuquerque	51.40	80 P	16 36 10.8	+0.6
ANMO	comp=Z,38nm,1.4s				
ANMO	Albuquerque	51.41	80 P	16 36 11.0	+0.8
ANMO	comp=Z,90nm,1.3s,mb5.1,baz=312,slow=7.5,SNR=26				
ANMO	Albuquerque	51.41	80 eP	16 37 25.4	+0.8
ANMO	Albuquerque	51.41	80 eP	16 36 10.0	-0.2
ANMO	comp=Z,93nm,1.4s,mb5.3				
LENM	Lenitor	51.61	81 eP	16 36 12.7	+0.9
LPM	Los Pinos Moun	51.73	81 eP	16 36 13.4	+0.8
BNM	Barren Site	51.84	81 eP	16 36 14.5	+1.1
SUM	Summit	52.15	18 eP	16 36 19.4	-0.8
SUM	comp=Z,6.8nm,0.4s,mb4.9				
MNTX	Cornudas Moun	54.26	82 eP	16 36 31.4	-0.1
MNTX	comp=Z,52nm,1.2s,mb5.3				
CPXR	Cap Rock	54.29	80 eP	16 36 31.7	0.0
WHN	Wuhan	54.34	276 iP	16 36 33.0	+0.9
WHN	comp=Z,590nm,21.7s,MS4.6				
WHN	Wuhan	54.34	276 iP	16 44 05.6	+0.1
AMTX	Amarillo	54.38	77 eP	16 36 30.8	-1.5
AMTX	comp=Z,66nm,1.4s,mb5.2				
GDJL	Guadalupe Moun	54.55	81 eP	16 36 33.3	-0.3
KSU1	Kansas State U	54.63	70 eP	16 36 32.8	-1.2
CLNB	Carlsbad	54.80	81 eP	16 36 34.5	-0.9
NVS	Novosibirsk	55.30	316 eP	16 36 36.7	-2.0
NVS	Novosibirsk	55.30	316 eP	16 37 38.3	
NVS	Wichita Mouna	56.24	75 eP	16 44 11.0	-7.0
NVS	comp=Z,10.0nm,1.4s,mb4.7				
NVS	Wichita Mouna	56.24	75 eP	16 46 21.5	
NVS	comp=E,10.0nm,1.5s				
NVS	comp=N,3.0nm,0.9s				
NVS	comp=N,12nm,1.8s				
NVS	comp=E,11nm,1.9s				
XAN	Xi'an	55.31	283 P	16 36 38.2	-0.9
XAN	comp=Z,73nm,1.2s,mb5.6				
XAN	Xi'an	55.31	283 P	16 36 47.9	-2.9
XAN	comp=Z,73nm,1.2s,mb5.6				
JFWS	Jewell Farm	55.77	62 P	16 36 41.1	-1.1
JFWS	Jewell Farm	55.77	62 eP	16 36 40.1	-2.1
JFWS	Jewell Farm	55.77	62 eP	16 36 45.2	-0.6
WMOK	Wichita Mouna	56.24	75 P	16 36 45.2	-0.6
WMOK	comp=Z,9.0nm,0.5s,mb5.1				
WMOK	Wichita Mouna	56.24	75 eP	16 36 44.6	-1.1
WMOK	comp=Z,8.7nm,0.5s,mb5.0				
LTX	Lajitas	56.96	83 eP	16 36 50.5	-0.5
LTX	comp=Z,43nm,1.0s,mb5.4				
LTX	Lajitas	56.96	83 eP	16 37 02.1	-0.7
LTX	comp=Z,43nm,1.0s,mb5.4				
LTX	Lajitas Array	56.96	83 eP	16 37 02.0	-0.8
TXAR	comp=Z,19nm,0.6s,mb5.3,baz=304,slow=6.1,SNR=132				
TXAR	Lajitas Array	56.96	83 eP	16 36 51.0	0.0
TXAR	comp=Z,257nm,18.6s,MS4.3,baz=325,slow=33				
LZH	Lanzhou	56.98	288 P	16 36 51.1	0.0
LZH	comp=Z,257nm,18.6s,MS4.3,baz=325,slow=33				
LZH	Lanzhou	56.98	288 P	16 37 03.0	+0.1
LZH	comp=Z,170nm,1.4s,mb5.9				
LZH	Lanzhou	56.98	288 P	16 37 08.1	+0.5
LZH	comp=E,690nm,16.7s				
LZH	comp=Z,1µm,21.0s,MS5.0				
JMIC	Jan Mayen	57.54	5 LR	16 59 37.5	
JMIC	comp=Z,494nm,20.4s,MS4.6,baz=268,slow=34				
ENSH	Enshi	57.55	279 eP	16 59 37.5	-1.2
ENSH	comp=Z,12nm,0.5s,mb5.2				
ARCES	ARCES Array B	58.29	351 P	16 36 57.7	-2.1
ARCES	comp=Z,3.1nm,0.7s,mb4.5,baz=32,slow=7.9,SNR=8.5				
CCM	Cathedral Cave	58.45	67 P	16 36 59.3	-2.0
CCM	comp=Z,8.0nm,0.6s,mb4.9				
CCM	Cathedral Cave	58.45	67 eP	16 36 58.8	-2.6
CCM	comp=Z,8.1nm,0.6s,mb4.9				
JCT	Junction City	58.55	79 eP	16 37 00.9	-1.2
JCT	comp=Z,72nm,1.3s,mb5.5				
JCT	Junction City	58.55	79 eP	16 37 00.9	-1.3
SCHO	Schefferville	58.88	40 eP	16 37 01.9	-2.2
SCHO	comp=Z,4.1nm,1.0s,mb4.4,baz=327,slow=9.2,SNR=7.6				
SCHO	Schefferville	58.88	40 eP	17 03 36.5	
FVM	French Village	59.97	67 P	16 37 03.8	-1.2
FVM	comp=Z,686nm,18.0s,MS4.8,baz=191,slow=37				

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like SVL, SVE, SVE, SVE, SVE, SVE, etc.

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like MA2, MA2, MA2, MA2, MA2, etc.

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like GERES, GERES, GERES, BRG, BRG, BRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like South Pole Qui, Vianos, Berja, Sonseca Array, etc.

IDC 09 17:27:41.4e.1.1, 3.41N-94.41E, h28km, 5km, mb3.9/7, mb1.4/1.8, mb1mx3.9/17, mbtmp3.7/8, ML3.6/1, Error ellipse: s-maj=46.4km s-min=15.9km az=56.0

NEIC 09 17:27:39.5-1.0, 3.4N-94.41E, mb4.3/3, Error ellipse: s-maj=28.0km s-min=10.6km az=63.0

ISC 09 17:27:39.5-1.0, 3.4N-94.41E, 0.2, h27km, h27km, 1.6km, pp-P, n12, a=1506/12, mb4.1/1, Off west coast of northern Sumatra

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

IDC 09 17:35:03.4e.1.1, 12.25N-92.14E, h18km, 5km, mb3.7/7, mb1.3/8, mb1mx3.7/16, mbtmp3.7/8, ML3.6/1, Error ellipse: s-maj=38.1km s-min=15.8km az=60.0

NEIC 09 17:35:03.0, 0.7, 12.23N-92.06E, mb4.1/3, Error ellipse: s-maj=21.8km s-min=12.6km az=55.0

ISC 09 17:35:01.0, 0.7, 12.24N-92.1E, 0.1, h19km, h19km, 1.0km, pp-P, n11, a=996/15, mb3.9/11, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Port Blair, Hydrabad, Aka, Songoing Array, etc.

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

BUI 09 17:36:13.6, 2.50N-94.42E, h28km, mb5.7, mb4.8, Ms4.7, Ms2.5

MOS 09 17:36:20.6, 1.6, 3.48N-94.38E, h33km, mb4.9/9, Error ellipse: s-maj=18.4km s-min=10.1km az=110.3

IDC 09 17:36:22.1, 0.7, 3.39N-94.27E, h27km, 5km, mb4.4/16, mb1.4/5.17, mb1mx4.4/22, mbtmp4.6/17, ML4.5/1, Error ellipse: s-maj=27.5km s-min=13.7km az=46.0

NEIC 09 17:36:22.0, 2.0, 3.36N-94.29E, mb4.8/15, Error ellipse: s-maj=8.6km s-min=5.3km az=47.0

ISC 09 17:36:20.0, 4.3, 4.35N-0.07, 94.45E, 0.07, h28km, h28km, 1.8km, pp-P, n99, a=103/85, mb4.7/38, MS4.5/1, 8C-4D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KKKT, CMAR, CMAR, CHG, IMP, SHO, PHL, LSA, XAN, XAN, NJ2, NJ2, NJ2, etc.

ISC 09 17:42:20.3, 0.7, 2.11N-0.2, 97.6E, 0.3, h33km, n12, a=148/16, mb3.6/7, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Chiang Mai, CHG, CMAR, CMAR, AAK, AAK, EKSZ, USP, MK02, SONM, WRA, WRA, WRAB, WRAB, WRAB, etc.

NEIC 09 17:49:38.2, 37.61N-15.93W, MG4.0(MDD), After MDD, INMG 09 17:49:38.2, 37.23N-16.32W, h10km, ML2.7, Error ellipse: s-maj=39.4km s-min=15.7km az=162.0

CSEM 09 17:49:40.9, 0.3, 37.67N-15.63W, h2km, ML3.6/8, Error ellipse: s-maj=4.7km s-min=4.0km az=79.0

MDD 09 17:49:37.6, 30.3, 37.61N-15.99W, mb4.1/7, Error ellipse: s-maj=26.3km s-min=24.5km az=22.0, PRXIMO, Azores-Cape St. Vincent Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KIV, ASF, MALT, MALT, EIL, EIL, EIL, YAK, YAK, YAK, etc.

IDC 09 17:42:16.8, 0.9, 2.08N-97.62E, mb3.7/6, mb1.3/8,7, mb1mx3.6/18, mbtmp3.6/7, ML3.7/1, Error ellipse: s-maj=20.8km s-min=12.4km az=63.0

NEIC 09 17:42:17.0, 0.7, 2.07N-97.47E, h10km, mb3.6/1, Error ellipse: s-maj=45.6km s-min=9.8km az=59.0

ISC 09 17:42:20.3, 0.7, 2.11N-0.2, 97.6E, 0.3, h33km, n12, a=148/16, mb3.6/7, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Chiang Mai, CHG, CHG, CMAR, CMAR, AAK, AAK, EKSZ, USP, MK02, SONM, WRA, WRA, WRAB, WRAB, WRAB, etc.

NEIC 09 17:49:38.2, 37.61N-15.93W, MG4.0(MDD), After MDD, INMG 09 17:49:38.2, 37.23N-16.32W, h10km, ML2.7, Error ellipse: s-maj=39.4km s-min=15.7km az=162.0

CSEM 09 17:49:40.9, 0.3, 37.67N-15.63W, h2km, ML3.6/8, Error ellipse: s-maj=4.7km s-min=4.0km az=79.0

MDD 09 17:49:37.6, 30.3, 37.61N-15.99W, mb4.1/7, Error ellipse: s-maj=26.3km s-min=24.5km az=22.0, PRXIMO, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Loures, Sao Teotónio, Sao Teotónio, PLOU, PTEO, PTEO, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WTSB, CABF, GABF, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YOJ, YR, YL, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PBA, PBA, PBA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EJON, SJAF, TNA, FILF, VALF, LPFR, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCHQ, WTV, WTV, WTV, WTV, etc.

SONM Sogingo Array 40.76 15 P P 05 55 51.4 -1.7
WRA Warramunga Arr 50.67 125 P P 05 57 10.3 -1.9
ASAR Alice Springs 52.28 129 P P 05 57 22.1 -2.3

IDC 10 06:05:04.4-1.0, 4.66N,4.68E, mb4.2/8, mb1 4.3/9,
mb1mx4.1/17, mbtmp4.1/9, ML4.0/1, MS3.6/5, Ms1 3.7/5,
ms1mx3.2/20, Error ellipse: s-maj=46.7km s-min=18.8km
az=51.0
BUI 10 06:05:06.0-4.58N,94.77E, h25km, mb4.9 Ms4.3
NEIC 10 06:05:08.0-6.8, 4.73N,94.30E, h20km, mb4.4/6,
Error ellipse: s-maj=27.4km s-min=7.2km az=56.3

Code Station Name Δ° AZ° Phase ID Time Res
CMAR Chiang Mai Arr 14.16 16 Op ISC h m s ISC
CMAR Chiang Mai Arr 14.16 16 Pn LR 06 13 59.0
CMAR Chiang Mai Arr 14.16 16 Pn LR 06 13 59.0
CMAR Chiang Mai Arr 14.16 16 Pn LR 06 13 59.0

JMA 10 06:07:18.8-0.2, 25.68N,124.09E, h161km, M3.9,
Northeast of Taiwan

Code Station Name Δ° AZ° Phase ID Time Res
JTJ Tarama 1.17 152 P Op ISC h m s ISC
JTJ Tarama 1.17 152 P Op ISC h m s ISC
JTJ Tarama 1.17 152 P Op ISC h m s ISC

MAN 10 06:21:07.2, 11.25N,124.60E, h1km, mb4.1, ML2.9, MS2.7,
Leyte

Code Station Name Δ° AZ° Phase ID Time Res
OCLP Ormoc 0.20 177 P Op ISC h m s ISC
OCLP Ormoc 0.20 177 P Op ISC h m s ISC
OCLP Ormoc 0.20 177 P Op ISC h m s ISC

JMA 10 06:23:05.5-0.1, 37.07N,141.89E, h15km, 2km, M2.1,
Near east coast of eastern Honshu

Code Station Name Δ° AZ° Phase ID Time Res
JFT Otama 1.32 290 P Op ISC h m s ISC
JFT Otama 1.32 290 P Op ISC h m s ISC
JFT Otama 1.32 290 P Op ISC h m s ISC

NIED 10 06:23:00.36, 60N, 142.00E, h8km, Mw3.9 Best double
couple: M8.44x10^14 NP1.9x10^14, 857°, λ81°. NP2.20x10^14,
834°, λ104°

IDC 10 06:23:56.3-0.8, 36.59N,141.85E, mb3.8/8, mb1 4.0/10,
mb1mx3.9/21, mbtmp3.8/10, ML3.7/2, Error ellipse:
s-maj=28.1km s-min=16.9km az=107.0
JMA 10 06:23:58.0-3.0, 36.60N,142.00E, h62km, M4.1
NEIC 10 06:24:00.4-0.5, 36.59N,141.96E, mb3.9/4, Error ellipse:
s-maj=16.3km s-min=10.1km az=171.0
ISC 10 06:23:57.4-1.3, 36.57N,10.04, 142.06E, h21km, 9km,
n34, c198/43, mb3.8/12, Off east coast of Honshu

Code Station Name Δ° AZ° Phase ID Time Res
ONAJ Iwakimizuishiy 1.14 298 P Op ISC h m s ISC
ONAJ Iwakimizuishiy 1.14 298 P Op ISC h m s ISC
ONAJ Iwakimizuishiy 1.14 298 P Op ISC h m s ISC

CSEM 10 07:12:49.3, 33.55N,46.33E, h19km, ML3.2, After TEH
TEH 10 07:12:49.3, 33.55N,46.33E, h19km, Mn3.2, Iran-Iraq
border region

Code Station Name Δ° AZ° Phase ID Time Res
IGHG Ghaleghaz 0.80 14 P Op ISC h m s ISC
IGHG Ghaleghaz 0.80 14 P Op ISC h m s ISC
IGHG Ghaleghaz 0.80 14 P Op ISC h m s ISC

IDC 10 07:12:56.8-0.7, 13.09N,144.63E, mb4.0/8, mb1 4.3/8,
mb1mx4.2/17, mbtmp4.0/8, MS3.6/6, Ms1 3.6/6,
ms1mx3.2/22, Error ellipse: s-maj=39.6km s-min=17.4km
az=96.0

NEIC 10 07:13:04.2-1.1, 13.03N,144.64E, h58km, 11km, mb4.6/11,
Error ellipse: s-maj=28.4km s-min=10.5km az=100.0

ISC 10 07:13:03.1-0.9, 13.03N,144.7E, 0.3, h64km, 10km,
n116, c053/13, mb4.1/10, 1D, Mariana Islands

Code Station Name Δ° AZ° Phase ID Time Res
GUMO Guam 0.61 151 P Op ISC h m s ISC
GUMO Guam 0.61 151 P Op ISC h m s ISC
GUMO Guam 0.61 151 P Op ISC h m s ISC

IDC 10 07:18:21.9-0.27, 0.220S,172.86W, mb4.1/4, mb1 4.3/4,
mb1mx3.9/15, mbtmp4.1/4, MS4.1/3, Ms1 4.1/3,
s-min=158.6km az=76.0, Tonga Islands region

Code Station Name Δ° AZ° Phase ID Time Res
CTA Charters Tower 38.13 265 P Op ISC h m s ISC
CTA Charters Tower 38.13 265 P Op ISC h m s ISC
CTA Charters Tower 38.13 265 P Op ISC h m s ISC

IDC 10 07:43:55.0-1.4, 12.93N,145.31E, mb3.5/4, mb1 3.8/4,
mb1mx3.6/14, mbtmp3.5/4, Error ellipse: s-maj=239.1km
s-min=22.6km az=111.0
NEIC 10 07:43:57.1±0.8, 12.81N,145.42E, h10km, mb4.3/1, Error
ellipse: s-maj=25.5km s-min=14.3km az=79.0
ISC 10 07:43:58.7±0.8, 12.85N,0.09, 145.3E, 0.2, h33km, n7,
c1923/8, mb3.6/5, 1D, South of Mariana Islands

Code Station Name Δ° AZ° Phase ID Time Res
GUMO Guam 0.82 333 P Op ISC h m s ISC
GUMO Guam 0.82 333 P Op ISC h m s ISC
GUMO Guam 0.82 333 P Op ISC h m s ISC

LDG 10 07:58:02.5-0.1, 48.32N,6.65E, h12km, Md2.8/3, ML2.8/10,
Error ellipse: s-maj=1.4km s-min=1.0km az=168.0

CSEM 10 07:58:02.1-0.1, 48.33N,6.67E, h10km, ML2.8/10, Error
ellipse: s-maj=1.5km s-min=1.1km az=170.0

BGR 10 07:58:02.1±0.3, 48.35N,6.64E, h10km, ML1.8/1, Error
ellipse: s-maj=2.2km s-min=2.2km az=94.0

NEIC 10 07:58:02.5, 48.32N,6.65E, h12km, ML2.8(LDG),
ML2.4(STR), After LDG.
ISC 10 07:58:00.3-0.2, 48.33N,0.02, 6.61E, 0.02, h12km, n48,
c1924/95, France

Code Station Name Δ° AZ° Phase ID Time Res
HAU Haudompre 0.37 208 P Op ISC h m s ISC
HAU Haudompre 0.37 208 P Op ISC h m s ISC
HAU Haudompre 0.37 208 P Op ISC h m s ISC

MOF 10 07:12:49.3, 33.55N,46.33E, h19km, ML3.2, After TEH
TEH 10 07:12:49.3, 33.55N,46.33E, h19km, Mn3.2, Iran-Iraq
border region

Code Station Name Δ° AZ° Phase ID Time Res
MOF Molkenrain 0.60 144 P Op ISC h m s ISC
MOF Molkenrain 0.60 144 P Op ISC h m s ISC
MOF Molkenrain 0.60 144 P Op ISC h m s ISC

ISC 10 07:13:03.1-0.9, 13.03N,144.7E, 0.3, h64km, 10km,
n116, c053/13, mb4.1/10, 1D, Mariana Islands

Code Station Name Δ° AZ° Phase ID Time Res
SFTF Sextfontaines 1.06 264 P Op ISC h m s ISC
SFTF Sextfontaines 1.06 264 P Op ISC h m s ISC
SFTF Sextfontaines 1.06 264 P Op ISC h m s ISC

ISC 10 07:18:21.9-0.27, 0.220S,172.86W, mb4.1/4, mb1 4.3/4,
mb1mx3.9/15, mbtmp4.1/4, MS4.1/3, Ms1 4.1/3,
s-min=158.6km az=76.0, Tonga Islands region

Code Station Name Δ° AZ° Phase ID Time Res
SFTF Saint Sauge 2.45 240 P Op ISC h m s ISC
SFTF Saint Sauge 2.45 240 P Op ISC h m s ISC
SFTF Saint Sauge 2.45 240 P Op ISC h m s ISC

10d 13h

Table with station names and coordinates: ASAR Alice Springs, BVAR Borovoye Array, GERES GERES Array B.

IDC 10 11:55:50.2±1.7, 5.12N-94.85E, mb3.5/5, mb1 3.7/6, mb1mx3.3/1.7, mbtmp3.5/6, ML3.7/1, Error ellipse: s-maj=78.7km s-min=23.6km az=54.0, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungarra Arr.

IDC 10 12:05:57.6±6.8, 3.74N-94.88E, mb3.2/3, mb1 3.5/4, mb1mx3.4/1.6, mbtmp3.2/4, ML3.8/1, MS2.5/1, Ms1 2.7/1, ms1mx2.3/5, Error ellipse: s-maj=211.5km s-min=28.2km az=71.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungarra Arr.

SOF 10 12:08:40.8, 45.83N-26.54E, h8km, MD3.0, MOS 10 12:08:44.4±1.1, 45.83N-26.50E, h102km, mb4.6/1, Error ellipse: s-maj=14.0km s-min=10.3km az=107.3

BUC 10 12:08:45.4±0.8, 45.68N-26.60E, h102km, mb8km, MD4.0/4, Error ellipse: s-maj=6.3km s-min=5.8km az=59.0

NEIC 10 12:08:45.8±0.4, 45.72N-26.55E, h102km, 12km, Error ellipse: s-maj=8.3km s-min=7.3km az=218.0

CSEM 10 12:08:46.2±0.1, 45.71N-26.65E, h80km, MD3.9/4, Error ellipse: s-maj=2.5km s-min=2.2km az=78.0

ISC 10 12:08:45.4±0.5, 45.69N-0.03-26.64E±0.04, h103km, n42, e1507/68, 10C-11D, Romania

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including VRI Vrincoiaia, BRD Bordesti, MLR Muntele Rosu, etc.

WEL 10 12:21:56.6±0.3, 38.05S-176.16E, h187km, 3km, ML3.5/10, Error ellipse: s-maj=4.3km s-min=4.0km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like URZ Urewera, MWZ Matawai, BKZ Black Stump Fm, etc.

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Table with station names and coordinates: BFZ Birch Farm, MRZ Mangatoinaka R, KIWI Kapiti Island, etc.

NEIC 10 12:33:10.9, 9.89N-84.12W, h6km, MD4.3(CASC), 1C-1D, After CASC., Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like LAJ Bijagal, SJS Escuela Geolog, ICR Volcan Irazu, etc.

CSEM 10 12:47:49.8±0.1, 32.30N-48.74E, h35km, ML3.7/1, Error ellipse: s-maj=2.9km s-min=1.7km az=99.0

THR 10 12:47:49.9±0.5, 32.41N-48.64E, h18km, 6km, MD3.0, TEH 10 12:47:51.6, 32.42N-48.79E, h10km, Mn3.0

ISC 10 12:47:49.7±1.5, 32.47N-0.05-48.83E±0.08, h0km, n14km, n12, e0947/14, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SHGR Shooshtar-Gavs, IKOM Komasi, IBRJ Borujen, etc.

GUC 10 12:52:30.3±0.7, 31.32S-69.32W, h148km, 8km, MD4.1, ML4.6

NEIC 10 12:52:30.2±0.4, 31.32S-68.90W, h106km, 4km, mb4.4/11, MD4.1(GUC), Error ellipse: s-maj=7.3km s-min=4.5km

NEIC Felt [III] at San Juan, IDC 10 12:52:31.5±0.9, 31.38S-68.98W, h118km, 6km, mb3.9/8, mb1 4.1/10, mb1mx4.0/15, mbtmp4.3/10, Error ellipse: s-maj=26.8km s-min=16.7km az=77.0

ISC 10 12:52:29.5±0.4, 31.30S-0.03-68.96W±0.06, h112km, 4km, n57, e090/70, mb4.2/19, 10C-5D, San Juan Province

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including MDZ Mendoza, TLL Tololo Astrono, JACH Jahuel, etc.

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including JCT Junction City, TXAR Lajitas Arr, TXAR French Village, etc.

MAN 10 13:16:09.5, 15.23N-122.94E, h30km, mb4.1, ML3.0, MS2.7

IDC 10 13:16:21.3±1.1, 12.57N-121.03E, mb3.5/5, mb1 3.6/5, mb1mx3.5/17, mbtmp3.5/5, MS3.5/1, Ms1 3.5/1, ms1mx2.7/16, Error ellipse: s-maj=38.8km s-min=12.5km az=78.0

ISC 10 13:16:10.7±1.9, 15.15N-102.92E±0.09, h37km, 17km, n12, e1925/15, mb3.3/4, MS3.3/1, 3C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like GQP Guinayanagan, LQJ Lukban, PCPH Palayan, etc.

CASC 10 13:39:55.7±1.2, 13.50N-90.07W, h43km, 16km, MD4.0, ML4.4, mb3.3(NEIC)

NEIC 10 13:40:00.4±1.6, 13.82N-89.63W, h112km, 15km, mb3.3/2, Error ellipse: s-maj=25.5km s-min=9.8km az=51.0

IDC 10 13:40:02.4±5.1, 13.91N-89.56W, h127km, 46km, mb3.4/8, mb1 3.6/10, mb1mx3.4/21, mbtmp3.8/10, MS2.8/3, Ms1 2.8/3, ms1mx2.2/19, Error ellipse: s-maj=39.8km s-min=18.5km az=36.0

ISC 10 13:39:54.8±0.6, 13.55N-107.06W±0.04, h74km, 5km, n40, e0945/1, mb3.7/9, 9C-7D, Near coast of Guatemala

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including SBLS San Blas, RTR El Retiro, SNJE San Jose, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sta Anna, Saint Sauleg, Imper, Signal de Mont, etc.

CSEM 10 14:43:57.1-0.1, 37.02N-28.39E, h10km, MD3.3, Error ellipse: s-maj=3.3km s-min=2.9km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yerkesik, Dalyn (Mudla), Milas, etc.

IDC 10 15:02:14.3-4.1, 19.09S-177.83W, mb3.7/4, mb1 3.9/4, mb1mx3.8/13, mbtmtp.3/74, Error ellipse: s-maj=170.9km s-min=35.7km az=140.0, Fiji Islands region

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

IDC 10 15:20:16.2-0.5, 13.74N-93.05E, h18km, 2km, mb3.9/12, mb1 4.0/13, mb1mx4.0/16, mbtmtp.0/13, ML4.1/1, MS4.0/9, Ms1 4.1/9, ms1mx3.8/20, Error ellipse: s-maj=22.2km s-min=10.6km az=54.0

NEIC 10 15:20:17.7-0.4, 13.67N-93.29E, mb4.7/33, Error ellipse: s-maj=11.1km s-min=9.6km az=52.0

MOS 10 15:20:20.6-1.4, 13.35N-93.20E, h38km, mb4.8/11, Error ellipse: s-maj=18.3km s-min=9.1km az=113.8

ISC 10 15:20:16.3-0.3, 13.54N-0.05-93.25E, 0.0, h19km, h19km, 7km, pp-P, n162, r173/149, mb4.6/51, MS4.1/17, 3C-2D, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Blair, Nakhon Sawan, Chiang Mai, etc.

ISC 10 14:43:57.2-0.6, 36.98N-103.28, 34E, h10km, 5km, n23, c098N/29, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yerkesik, Dalyn (Mudla), Milas, etc.

IDC 10 15:02:14.3-4.1, 19.09S-177.83W, mb3.7/4, mb1 3.9/4, mb1mx3.8/13, mbtmtp.3/74, Error ellipse: s-maj=170.9km s-min=35.7km az=140.0, Fiji Islands region

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

IDC 10 15:20:16.2-0.5, 13.74N-93.05E, h18km, 2km, mb3.9/12, mb1 4.0/13, mb1mx4.0/16, mbtmtp.0/13, ML4.1/1, MS4.0/9, Ms1 4.1/9, ms1mx3.8/20, Error ellipse: s-maj=22.2km s-min=10.6km az=54.0

NEIC 10 15:20:17.7-0.4, 13.67N-93.29E, mb4.7/33, Error ellipse: s-maj=11.1km s-min=9.6km az=52.0

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

IDC 10 15:02:14.3-4.1, 19.09S-177.83W, mb3.7/4, mb1 3.9/4, mb1mx3.8/13, mbtmtp.3/74, Error ellipse: s-maj=170.9km s-min=35.7km az=140.0, Fiji Islands region

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

IDC 10 15:02:14.3-4.1, 19.09S-177.83W, mb3.7/4, mb1 3.9/4, mb1mx3.8/13, mbtmtp.3/74, Error ellipse: s-maj=170.9km s-min=35.7km az=140.0, Fiji Islands region

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

IDC 10 15:20:16.2-0.5, 13.74N-93.05E, h18km, 2km, mb3.9/12, mb1 4.0/13, mb1mx4.0/16, mbtmtp.0/13, ML4.1/1, MS4.0/9, Ms1 4.1/9, ms1mx3.8/20, Error ellipse: s-maj=22.2km s-min=10.6km az=54.0

NEIC 10 15:20:17.7-0.4, 13.67N-93.29E, mb4.7/33, Error ellipse: s-maj=11.1km s-min=9.6km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, PVCC Praha Ves, and various other locations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAN 10 16:42:09.3, 15.97N-121.67E, and various other locations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, CASC 10 16:51:25.3, and various other locations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JMA 10 15:56:16.7, ANCH Antofagasta, and various other locations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ATH 10 16:49:15.9, NEIC 10 16:49:15.9, and various other locations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, CASC 10 16:51:25.3, and various other locations.

10d 18h

Table with columns for station name, frequency, power, and signal strength. Includes stations like BEST Besiri, ERZM Erzurum, BKA Borcka, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like SIM Simferopol', KONT KONT, SAFS Safranbolu, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like PECR Kalpa, KUDL Kundal, BHGR Bahadurgar, etc.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like MNK, POO, L'vov, and others.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like HYB, MORC, ZST, and others.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like GERES, AQU, GIB, and others.

IGQ 10 19:08:21.2, 3.385-80.43W, h12km, 11km, mb4.2, Error ellipse: s-maj=13.7km s-min=11.6km az=36.2,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IGUA, ARRY, PATA, RETU, ULBA, RUN2, PISA, NAST, TAMB, VC1, JUJ2, TERV, PINO, ANTI, YANA, CAYR, COTA.

IDC 10 19:19:15.0±2.5, 43.63N-105.39W, mb1 3.4/3, mb1mx3.2/20, mbtmp3.0/3, ML3.6/3, Error ellipse: s-maj=39.7km s-min=17.9km az=151.0,

NEIC 10 19:19:17.4±0.7, 43.76N-105.48W, ML3.1, Error ellipse: s-maj=8.5km s-min=5.9km az=86.0, Suspected Mining explosion.

NEIC 60 km [35 miles] S of Gillette. ISC 10 19:18:16.2±0.7, 43.77N-105.60W±0.08, n30, α154.50, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RWWY, PHWY, LAO, BW06, PDAR, PDAR, PDAR, MOOW, MOOW, WUWY, SNOW, YNR, YFT, YMR, ISCO, CLMT, BOZ, DGMT, TCUT, MCMT, JLU, JAU, SPUT, MFU, SRU, PV01, TMUT, MSU, NWAR, YKA, YKA.

IDC 10 19:23:40.5±3.3, 13.54N-92.75E, mb3.5/2, mb1 3.7/3, mb1mx3.5/18, mbtmp3.5/3, ML3.7/1, Error ellipse: s-maj=77.2km s-min=32.8km az=77.0,

ISC 10 19:23:45.2±1.4, 13.7N±0.1, 93.09E±0.09, h33km, n7, α058/8, mb3.5/2, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, JIRN, PKI, GOR, KOLN, SONM, WRA.

IDC 10 19:58:43.8±0.9, 3.82N-95.04E, h45km±6km, mb3.7/8, mb1 4.0/9, mb1mx3.8/19, mbtmp4.0/9, ML4.3/1, Error ellipse: s-maj=47.5km s-min=13.6km az=53.0,

NEIC 10 19:58:43.5±0.7, 3.72N-95.00E, mb4.3/2, Error ellipse: s-maj=27.9km s-min=1.1km az=63.0,

ISC 10 19:58:41.5±0.9, 3.7N±0.1, 95.0E±0.2, h45km, h45km±2.2km±P-P, n13, α059/13, mb4.0/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, LSA, SONM, WRA, ASAR, ASAR, ZAL, ZAL, ZAL, BVAR, CHKZ.

Table with columns: STKA, FINES, FINES, GERES, GERES. Lists stations like Stephens Creek, FINES Array B, FINES Array B, GERES Array B.

IDC 10 20:05:30.6±4.2, 8.36N-91.83E, mb3.2/3, mb1 3.5/4, mb1mx3.4/18, mbtmp3.2/4, ML3.2/1, Error ellipse: s-maj=118.4km s-min=28.5km az=78.0, Nicobar Islands region

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

IDC 10 20:19:40.4±2.2, 0.688N-93.20E, mb3.4/2, mb1 3.9/3, mb1mx3.5/18, mbtmp3.6/3, ML4.0/1, Error ellipse: s-maj=530.9km s-min=45.9km az=89.0,

ISC 10 20:19:38.3±1.3, 7.0N±0.2, 92.5E±0.2, h33km, n8, α0532/8, mb4.1/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, JIRN, GUN, KKN, GKN, KOLN, WRA, ASAR.

MAN 10 20:25:29.5, 18.81N-121.29E, h1km, mb3.9, ML2.6, MS2.3, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SGCP, APYP, CVP, ABRA, CAUP, PALP.

IDC 10 20:54:01.9±0.9, 6.69S-155.22E, h30km±5km, mb4.3/9, mb1 4.5/11, mb1mx4.4/15, mbtmp4.5/11, ML3.8/2, MS3.7/3, Ms1 3.7/3, ms1mx3.2/16, Error ellipse: s-maj=26.1km s-min=15.1km az=133.0,

NEIC 10 20:54:06.2±3.9, 6.71S-155.05E, h65km±30km, mb4.5/2, Error ellipse: s-maj=35.6km s-min=17.8km az=90.0,

ISC 10 20:54:02.4±3.4, 6.75S±0.1, 155.1E±0.1, h46km±2km, h28km±1.2km±P-P, n27, α052/25, mb4.7/18, MS3.7/3, 1C, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PMG, STKA, CMAR, CMAR, FXI, SONM, LSA, JIRN, GUN, PKI, KKN, DMN, GKN, KOLN, HMA, IMA, ILAR, QSPA, BBB, NVAR, BRVK, YKA, YKA, FRB, BDFB.

IDC 10 21:08:34.0±1.7, 5.20S-145.67E, mb3.6/3, mb1 3.7/5, mb1mx3.6/13, mbtmp3.5/5, ML2.9/2, MS2.7/1, Ms1 2.7/1, ms1mx2.4/14, Error ellipse: s-maj=62.4km s-min=28.3km az=109.0, Eastern New Guinea region

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

Table with columns: PMG, WRA, ASAR, STKA, ILAR. Lists stations like Stephens Creek, Warramunga Arr, Alice Springs, Stephens Creek, Eielson Arr.

IDC 10 21:20:55.6±4.0, 10.54N-91.63E, mb3.4/2, mb1 3.6/3, mb1mx3.3/18, mbtmp3.3/3, ML3.7/1, Error ellipse: s-maj=99.4km s-min=35.4km az=79.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PBA, PBA, PBA, CMAR, SONM, WRA, WRA.

IDC 10 21:24:15.4±3.8, 5.019S-127.63E, mb4.2/2, mb1 4.4/2, mb1mx3.9/9, mbtmp3.3/4, Error ellipse: s-maj=136.3km s-min=66.4km az=111.0, Western Indian-Antarctic Ridge

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

IDC 10 21:28:55.8±3.6, 12.38N-93.07E, mb3.5/3, mb1 3.6/4, mb1mx3.4/18, mbtmp3.3/4, Error ellipse: s-maj=95.2km s-min=29.4km az=82.0, Andaman Islands region

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

IDC 10 21:33:24.5±12.0, 5.32N-94.47E, h78km±96km, mb3.4/4, mb1 3.6/5, mb1mx3.3/19, mbtmp3.7/5, ML4.0/1, Error ellipse: s-maj=111.9km s-min=24.3km az=58.0,

ISC 10 21:33:16.5±1.5, 5.0N±0.2, 94.2E±0.2, h33km, n10, α1510/10, mb4.0/7, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, JIRN, DMN, GUN, KKN, GKN, SONM, WRA, ZAL, BVAR.

IDC 10 21:35:36.0±2.3, 5.17N-94.66E, mb3.6/5, mb1 3.7/6, mb1mx3.6/19, mbtmp3.5/6, ML4.0/1, Error ellipse: s-maj=85.7km s-min=23.3km az=61.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, SONM, WRA, ASAR, ZAL, BVAR.

NAO 10 21:40:02.5±5.0, 75.30N-10.15E, ML2.3, BER 10 21:40:03.0±4.3, 75.18N-9.08E, h12km±70km, MD2.8, ML2.5, ML2.3(NAO)

ISC 10 21:40:00.5±2.7, 25.22N±0.09, 9.7E±0.6, h10km, n4, α090/8, Greenland Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HSP, HSP, SPAO, SPAO, HOPEN, HOPEN, ARAO, ARAO.

IDC 10 21:43:10.0±12.0, 30.40N-137.15E, mb3.6/3, mb1 3.7/3, mb1mx3.4/20, mbtmp3.6/3, Error ellipse: s-maj=552.6km s-min=30.4km az=67.0, Southeast of Honshu

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

BUI 10 21:52:12.3±7.3, 38N-92.19E, h28km, mb4.6, IDC 10 21:52:22.3±1.4, 20N-92.94E, h25km±6km, mb3.7/8, mb1 3.9/9, mb1mx3.7/20, mbtmp3.8/9, MS3.0/1, Ms1 3.2/1, ms1mx2.3/19, Error ellipse: s-maj=37.0km s-min=18.9km

DALT	Dalyan (Mudla)	0.58 98	i PG	Pb	23 49 04.1 +3.2	KZIT		Sn	23 52 14.0 -5.2	LVV	comp=Z,1µm,18.0s	MLR	MLR				
DALT			i SG	Sb	23 49 14.7 +6.1	RTMM	Retamin	8.06 134	Pn	23 50 48.7 -0.2	LVV	comp=E,500nm,11.0s	MLR	MLR			
ARG	Arkhangelos	0.66 166	l/PN	Pn	23 49 04.9 +0.9	DRGI	Dragot	8.11 128	Pn	23 50 49.5 0.0	LVV	comp=N,700nm,16.0s	MLR	MLR			
AYDN	Tasoluk	0.80 357	i S	Sb	23 49 14.5 -0.6	SUZ		8.11 148	Pn	23 50 49.0 -0.6	KIV	Kislovodsk	13.29 53	Pn	23 52 03.8 +3.8		
FETY	Fetohly	0.95 103	PN	Pn	23 49 10.5 +2.3	MASH	Mash'abbe Sade	8.16 134	Pn	23 50 50.2 0.0	KIV	comp=N,355nm,1.3s,SNR=12	P	23 52 01.5 +1.5			
SMG	Samos	1.23 315	ePN	Pn	23 49 12.1 +0.8	MAZDA	Masada	8.28 130	Sn	23 50 52.4 -4.4	KIV	Kislovodsk	13.29 53	eP	23 52 01.5 +1.5		
DNZL	Cakiroluk	1.22 47	i P	Sb	23 49 12.7 +0.8	MZDA			Sn	23 52 20.5 +5.2	KIV	Kislovodsk	13.29 53	eP	23 52 01.5 +1.5		
KARP	Karpachos	1.45 206	l/PN	Pn	23 49 31.8 +4.6	MKRJ	Makavir	8.29 127	Pn	23 50 52.5 +0.4	KIV	comp=N,131nm,1.4s	Pmax	Pmax	23 52 01.5 +1.5		
KDAG	Bornova	1.63 341	i P	Pn	23 49 17.6 +2.4	BOLS	Boljevac	8.32 329	l/PN	23 50 50.4 -2.1	KIV	Kislovodsk	13.29 53	eP	23 52 01.5 +1.5		
KDAG			i S	Pn	23 49 16.6 -1.3	BOLS	Boljevac	8.32 329	Pn	23 50 51.4 -5.5	KIV	comp=N,131nm,1.4s	Pmax	Pmax	23 52 01.5 +1.5		
KDAG	Balцова	1.68 336	PN	Pn	23 49 16.6 -1.3	BOLS	Boljevac	8.32 329	Pn	23 50 50.3 -2.2	KIV	Kislovodsk	13.29 53	eP	23 52 01.5 +1.5		
BLCB	Balцова	1.68 336	PN	Pn	23 49 17.3 -1.3	BOLS	Boljevac	8.32 329	Sn	23 50 52.2 -0.7	KWP	Kalwaria	13.32 345	eP	23 51 59.0 -1.4		
MANT	Manisa	1.71 17	i P	Sb	23 49 18.8 -0.2	BHNS	Bani Suwayf	8.35 160	Pn	23 50 54.3 +0.9	KWP	Kalwaria	13.32 345	eP	23 52 03.8 +3.2		
MANT			i S	Sn	23 49 42.9 +2.4	PVY	Plav	8.39 316	l/PN	23 52 25.2 -3.5	KWP			MLR	MLR	23 57 56.8	
APE	Apeiranthos	1.93 277	PN	Pn	23 49 21.5 -0.7	ULC	Ulcinj	8.43 310	l/PN	23 50 55.1 +1.1	VYHS	comp=Z,8µm,22.1s	13.40 333	i/PN	P	23 51 59.9 -1.7	
APE	Apeiranthos	1.93 277	d/PN	Pn	23 49 22.1 -0.1	ULC	Ulcinj	8.43 310	ePN	23 52 25.4 -4.4	STE	Stjepanavan	13.47 67	i/P	P	23 52 06.0 +3.5	
APE	Apeiranthos	1.93 277	i P	Pn	23 49 21.5 -0.7	MALT	Malatya	8.46 77	Pn	23 50 55.5 +1.1	GNI	Garni	13.57 71	ePN	P	23 52 04.4 +0.6	
APE	Apeiranthos	1.93 277	ePN	Pn	23 49 22.0 -0.2	AWBH		8.55 174	P	23 50 54.1 -1.6	GNI	Garni	13.57 71	P	P	23 52 04.4 +0.6	
SANT	Santorini	2.04 257	ePN	Pn	23 49 24.0 +0.2	HNKL	Nakhi	8.56 142	Pn	23 50 55.1 -0.7	GNI	Garni	13.57 71	P	P	23 52 04.8 +0.9	
SANT			ePG	Pn	23 49 30.7 +6.9	IVA	Berane	8.61 317	l/PN	23 50 56.8 +0.3	GNI	comp=Z,0.1nm,0.3s,baz=277,slow=3.5,SNR=11	13.57 71	P	P	23 52 12.1	
SANT	Santorini	2.04 257	ePN	Pn	23 49 30.7 +6.9	IVA	Berane	8.61 317	ePN	23 52 30.0 -4.2	GNI	comp=Z,7µm,18.7s,baz=271,slow=4.1	13.57 71	PN	LR	23 58 12.1	
SANT			ePN	Pn	23 49 28.8 +1.6	TTG	Podgorica	8.70 312	l/PN	23 50 58.9 +1.3	GNI	Garni	13.57 71	PN	P	23 52 04.5 -4.7	
ANTB	Antalya	2.19 88	PN	Pn	23 49 28.4 +2.5	TTG			ePN	23 52 31.9 -4.4	LJU	Ljubljana	13.59 317	eP	P	23 52 09.9 +5.9	
ISP	Isparta	2.28 64	PN	Pn	23 49 28.8 +1.6	ZFRF	Zfri	8.71 134	Pn	23 50 59.7 +1.7	ZEI	Tsey	13.62 59	eP	Pmax	23 52 03.8 +3.2	
ISP	Isparta	2.28 64	i P	Pn	23 49 29.4 +2.2	ZFRF	Urfa	8.72 83	PN	23 50 59.2 +0.7	ZEI			Pmax	Pmax	23 52 03.8 +3.2	
NPS	Neapolis	2.46 230	ePN	Pn	23 49 30.9 +1.2	URFA	Urfa	8.72 83	ePN	23 50 59.2 +0.7	PERS	Pernice	13.65 320	eP	P	23 52 06.1 +1.2	
XRY	Khriisi	2.69 223	ePB	Pb	23 49 36.9 +0.1	URFA	Jabal al Asfar	8.75 120	P	23 50 56.2 -2.3	NIE	Niedzica	13.72 339	eP	P	23 52 05.3 -1.0	
PRK	Paraskevi	2.49 42	i P	Pn	23 49 32.2 +1.4	ASF		175 120	P	23 50 58.0 -0.7	JAVS	Javornik	13.76 315	eP	P	23 52 10.1 +2.8	
BLB	Balkesir	2.78 359	PN	Pn	23 49 33.0 -1.3	ASF	comp=N,17nm,0.3s,baz=175,slow=6.2,SNR=76		Sn	23 52 34.6 -3.1	ZST	Bratislava	13.84 328	i/PN	P	23 52 10.1 +2.8	
IDI	Anoyia	2.92 238	P	Pn	23 49 37.4 +1.1	MLR	comp=N,15nm,0.3s,baz=185,slow=14,SNR=3.5		Sn	23 50 56.2 -2.3	ZST	Bratislava	13.84 328	i/PN	P	23 52 10.1 +2.8	
IDI			S	Sn	23 50 13.4 +2.2	MLR	Muntele Rosu	8.76 351	P	23 50 58.0 -0.7	ZST	Bratislava	13.84 328	i/PN	P	23 52 10.1 +2.8	
CANB	Canakkale	3.23 348	ePN	Pn	23 49 38.7 -2.0	PRNI	Paran	8.77 136	PN	23 52 33.3 -4.8	ZST	Malin Array Be	13.87 3	P	P	23 52 04.2 -3.5	
YAM	Vamos	3.34 245	ePN	Pn	23 49 43.5 +1.2	PRNI			Sn	23 50 58.0 -0.7	AKASG	comp=Z,1.1nm,0.3s,baz=183,slow=13,SNR=41		S	23 54 47.1 +4.9		
PTL	Penteli	3.44 291	ePN	Pn	23 49 43.8 +0.1	KMTI	Karmit	8.80 138	PN	23 52 33.3 -4.8	AKASG	comp=Z,0.8nm,0.3s,baz=193,slow=25,SNR=3.3		S	00 01 01.6		
ATH	Athens Observa	3.53 290	ePN	Pn	23 49 44.8 -0.2	KMTI			Sn	23 52 34.2 -4.8	AKASG	comp=Z,0.3nm,0.3s,baz=220,slow=1.7,SNR=6.3		S	00 01 01.6		
MPAR	Marina	3.53 290	ePN	Pn	23 49 44.8 -0.2	KMTI			Sn	23 52 34.2 -4.8	OBKA	Obkir	13.87 31	P	P	23 52 11.1 +3.4	
NAIG	Nisos Agina	3.65 286	ePN	Pn	23 49 46.7 0.0	SEV	Sevastopol'	8.83 28	eP	23 50 57.8 -1.7	T12	Plekhanov	13.90 64	l/PN	P	23 52 13.0 +4.8	
HDMB	Hadim	3.66 87	PN	Pn	23 49 49.3 +2.5	BUM	Brajici-Budva	8.84 311	l/PN	23 51 00.3 +0.7	T12			MLR	MLR	23 52 13.0 +4.8	
HDMB	Hadim	3.66 87	PN	Pn	23 49 49.3 +2.5	BUM			ePN	23 52 35.2 -4.6	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
NSAL	Nisos Salamina	3.71 288	ePN	Pn	23 49 48.0 +0.5	BUM			Sn	23 52 35.2 -4.6	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
GVD	Gavdos	3.71 288	ePN	Pn	23 49 48.0 +0.5	GRUS	Gruza	8.92 324	l/PN	23 50 59.2 -1.6	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
LIM	Limnos Island	3.72 325	l/PN	Pn	23 49 46.5 +3.0	GRUS			Sx	23 53 28.9	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
MRMT	Marmara Adasi	3.75 356	ePN	Pn	23 49 45.9 -2.2	YAL	Yalta	8.97 30	SN	23 52 36.0 -7.1	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
LOS	Limnos	3.80 325	ePN	Pn	23 49 47.7 -1.1	SVIS	Svilajnac	9.01 328	ePN	23 51 00.9 -2.0	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
YLV	Yalova	3.87 17	PN	Pn	23 49 48.6 -1.2	NKY	Niksic	9.08 314	l/PN	23 51 03.9 +0.9	T12	comp=N,10µm,10.0s		MLR	MLR	23 52 13.0 +4.8	
MGER	Gerania Oros	3.88 288	ePN	Pn	23 49 50.2 +0.2	NKY			ePN	23 52 41.3 -4.6	MTA	Matsuminda	13.93 65	P	P	23 52 12.0 +3.5	
AOS	Alonissos	3.94 307	ePN	Pn	23 49 50.2 +0.2	TIP	Timpagrande	9.11 288	PN	23 51 01.9 -1.5	VY	Vojtko	13.94 315	eP	P	23 52 08.1 -0.5	
AOS	Alonissos	3.94 307	ePN	Pn	23 49 50.3 -0.5	MBH	Mount Berch	9.15 130	PN	23 51 04.4 -0.2	MOY	Smolence	13.96 330	i/PN	P	23 52 08.5 -0.3	
MFT	Murefite	3.96 353	ePN	Pn	23 49 48.9 -2.1	HCY	Herceg Novi	9.16 310	l/PN	23 51 04.8 +0.6	DUS	Dusheti	13.97 63	P	P	23 52 13.0 +4.0	
KYTH	Kithira	3.98 263	ePN	Pn	23 49 52.0 +0.7	HCY			Sn	23 52 43.2 -4.7	GOF	Gofitskoye	14.04 50	l/PN	P	23 52 12.0 +2.1	
VLI	Velia	4.01 270	ePN	Pn	23 49 51.5 +0.3	PLE	Pljevlja	9.19 317	ePN	23 51 05.0 +0.5	GOF			Pmax	Pmax	23 52 12.0 +2.1	
AKMC	Akamass	4.01 116	P	Pn	23 49 53.5 +1.7	PLA			ePN	23 52 43.6 -5.0	GOF			Pmax	Pmax	23 52 12.0 +2.1	
ALFC	Alevga	4.05 113	eP	Pn	23 49 55.2 +1.4	ALU	Alushta	9.23 30	eP	23 51 04.8 +0.6	GOF	comp=Z,34nm,1.2s		MLR	MLR	23 52 12.0 +2.1	
ALFC			S	Sn	23 50 45.3 +2.8	ALU			Sn	23 52 44.0 -5.5	GOF	comp=Z,6µm,14.0s		MLR	MLR	23 52 12.0 +2.1	
HRT	Hereke	4.19 18	PN	Pn	23 49 53.0 -1.3	EIL	Elat	9.27 139	P	23 51 05.2 -0.4	GOF			MLR	MLR	23 52 12.0 +2.1	
ALN	Alexandroupoli	4.29 341	ePN	Pn	23 49 53.7 -2.1	EIL	comp=N,28nm,0.3s,baz=15,slow=32,SNR=8.7		LR	23 52 47.5 -3.0	JAVC	Velka Jarovna	14.14 331	P	P	23 52 11.6 +4.0	
ISK	Istanbul-Kandi	4.29 341	ePN	Pn	23 49 53.7 -2.1	EIL	comp=N,700nm,18.1s,baz=102,slow=53		LR	23 57 12.0	DGRG	David-gareji	14.29 66	P	P	23 52 17.7 +4.5	
LKR	Lokris	4.40 296	ePN	Pn	23 49 55.4 -0.5	EIL	Elat	9.27 139	ePN	23 51 05.3 -0.3	OJC	Ojcow	14.59 339	P	P	23 52 18.9 +1.9	
NEO	Neokhori	4.44 305	l/PN	Pn	23 49 57.1 -0.9	EIL	Elat	9.27 139	Pn	23 51 05.2 -0.4	OJC			eP	P	23 52 18.9 +1.9	
XOR	Xorichti	4.50 305	ePN	Pn	23 49 57.8 -0.9	EIL	Elat	9.27 139	PN	23 51 05.2 -0.4	OJC			eP	PP	23 52 36.4 +7.7	
PAIG	Paliouri	4.53 314	ePN	Pn	23 49 58.0 -1.2	EOB	Aqaba	9.28 138	PN	23 51 05.7 -1.0	OJC			eP	P	23 52 25.1 +8.1	
SAZC	Sabun-Zanaja	4.54 116	eP	Pn	23 49 51.1 +2.0	HRDS	Abu Rudays	9.29 149	P	23 51 04.9 -1.0	OJC	Ojcow	14.59 339	eP	P	23 52 25.1 +8.1	
MAMC	Mammari	4.61 110	P	Pn	23 50 02.1 +1.8	PTK	Pertek	9.29 74	PN	23 51 06.2 +0.3	OJC			eP	P	23 52 36.4 +7.7	
OUR	Ouranopolis	4.65 320	ePN	Pn	23 49 59.4 -1.4	SIM	Simerfopol'	9.34 28c	i/PN	23 51 05.3 -1.3	OJC			eP	S	23 52 36.4 +7.7	
RDO	Rodhopi	4.67 337	l/PN	Pn	23 49 59.2 -2.0	SIM			eS	23 52 45.0 -7.3	OJC			eP	MLR	MLR	23 58 39.0
CSS	Prodromos	4.78 112	P	Pn	23 50 04.0 +1.3	SIM	comp=N,106nm,0.8s		Pmax	23 52 45.0 -7.3	OKC	Ostrava-Krasne	14.78 334	eP	P	23 52 24.2 +4.6	
ITM	Ithomi	4.81 276	ePN	Pn	23 50 01.5 +3.2	SIM	comp=Z,8µm,14.0s		MLR	23 51 05.5 -1.1	OKC			eP	S	23 52 28.4	
ANTO	Ankara	4.87 50	PN	Pn	23 50 04.7 +1.5	SIM	Simerfopol'	9.34 28	eP	23 51 05.5 -1.1	OKC			eP	S	23 52 28.4	
ANTO	Ankara	4.87 50	PN	Pn	23 50 05.2 +1.3	SIM	Unac-Piva	9.38 315	l/PN	23 51 07.6 +0.5	OKC			eP	S	23 52 29.1 +1.6	
ANTO	Ankara	4.87 50	PN	Pn	23 50 04.6 +0.7	UPM			Sn	23 52 48.8 -4.4	VSL	Villasato	14.83 286	eP	P	23 52 21.0 +0.7	
AGG	Agios Georgios	4.92 298	ePN	Pn	23 50 04.8 0.0	UPM			Sn	23 52 48.8 -4.4	VSL	comp=Z,85nm,1.3s		P	23 52 21.0 +0.7		
PLG	Polygyros	4.97 316	ePN	Pn	23 50 04.9 -1.0	BRY	Bratogost	9.40 313	ePN	23 51 08.1 +0.7	KBA	Koelbreinsper	14.87 318	l/PN	P	23 52 22.1 +1.3	
EDRB	Edirne	5.07 350	ePN	Pn	23 50 04.9 -1.9	BRY			Sn	23 52 49.5 -4.3	KBA	Koelbreinsper	14.87 318	l/PN	P	23 52 22.1 +1.3	
EDRB	Edir																

EALK	Alkuruntz	23.34 295	P	P	23 53 58.2 +0.4
LCHF	La Chataignera	23.41 304	eP	P	23 53 58.8 +0.4
LDF	La Druitiere	23.57 309	eP	P	23 53 59.1 -0.8
LDF	La Druitiere	23.57 309	eP	Pmax	23 53 59.1 -0.8
FLN	La Foliniere	23.85 309	eP	P	23 54 01.4 -1.3
FLN	La Foliniere	23.85 309	eP	Pmax	23 54 01.4 -1.3
FLN	La Foliniere	23.85 309	eP	Pmax	23 54 01.4 -1.3
GRR	Gorron	23.97 308	eP	P	23 54 03.2 -0.6
GRR	Gorron	23.97 308	eP	P	23 54 03.2 -0.6
GRR	Gorron	23.97 308	eP	Pmax	23 54 03.2 -0.6
ENIJ	Nijar	24.05 279	P	Pmax	23 54 05.0 +0.3
ENIJ	Nijar	24.05 279	P	P	23 54 05.0 +0.2
ENIJ	Nijar	24.05 279	P	P	23 54 05.0 +0.3
EVIA	Vianos	24.08 284	P	P	23 54 06.0 +1.0
EVIA	Vianos	24.08 284	P	P	23 54 06.0 +1.0
EVIA	Vianos	24.08 284	P	P	23 54 06.0 +1.0
EVIA	Vianos	24.08 284	P	P	23 54 06.0 +1.0
EBER	Berja	24.24 282	S	S	23 58 34.5 +1.3
EBER	Berja	24.24 282	S	S	23 54 10.8 +0.7
EBER	Berja	24.24 282	S	S	23 54 10.8 +0.7
EBER	Berja	24.24 282	S	S	23 54 10.8 +0.7
EQES	Quesada	24.61 282	P	P	23 54 09.6 -0.6
EQES	Quesada	24.61 282	P	P	23 54 09.6 -0.6
FINES	FINES Array B	24.64 358	P	P	23 54 10.3 +0.1
FINES	FINES Array B	24.64 358	P	P	00 04 08.1
FINES	FINES Array B	24.64 358	P	P	23 54 10.3 +0.1
FINES	FINES Array B	24.64 358	P	P	00 04 08.1
ELAN	Lanestosa	24.74 295	P	P	23 54 11.2 -0.2
ELAN	Lanestosa	24.74 295	P	P	23 54 11.2 -0.2
ELAN	Lanestosa	24.74 295	P	P	23 54 11.2 -0.2
ELAN	Lanestosa	24.74 295	P	P	23 54 11.2 -0.2
SGMF	Saint Gilles	25.01 307	eP	P	23 54 12.3 -1.6
SGMF	Saint Gilles	25.01 307	eP	P	23 54 12.3 -1.6
SGMF	Saint Gilles	25.01 307	eP	Pmax	23 54 12.3 -1.6
SGMF	Saint Gilles	25.01 307	eP	Pmax	23 54 12.3 -1.6
ESDC	Sonseca Array	25.13 286	P	P	23 54 15.1 0.0
ESDC	Sonseca Array	25.13 286	P	P	23 54 14.1 -1.0
ESDC	Sonseca Array	25.13 286	P	P	23 54 14.1 -1.0
ESDC	Sonseca Array	25.13 286	P	P	23 54 14.1 -1.0
GUD	Guadarrama	25.23 289	P	Pmax	23 54 15.7 -0.3
GUD	Guadarrama	25.23 289	P	P	23 54 15.7 -0.4
GUD	Guadarrama	25.23 289	P	P	23 54 15.7 -0.4
GUD	Guadarrama	25.23 289	P	P	23 54 15.7 -0.4
KAF	Kangasniemi	25.30 358	eP	P	23 54 16.2 -0.3
KAF	Kangasniemi	25.30 358	eP	P	23 54 16.2 -0.3
KAF	Kangasniemi	25.30 358	eP	Pmax	23 54 16.2 -0.3
KAF	Kangasniemi	25.30 358	eP	Pmax	23 54 16.2 -0.3
ERON	Agron	25.31 280	P	P	23 54 17.5 +0.7
QUIF	Quistin	25.32 306	eP	P	23 54 15.9 -0.9
QUIF	Quistin	25.32 306	eP	P	23 54 15.9 -0.9
QUIF	Quistin	25.32 306	eP	Pmax	23 54 15.9 -0.9
QUIF	Quistin	25.32 306	eP	Pmax	23 54 15.9 -0.9
ROSF	Rostrenen	25.50 307	eP	P	23 54 16.7 -1.8
ROSF	Rostrenen	25.50 307	eP	P	23 54 16.7 -1.8
ROSF	Rostrenen	25.50 307	eP	Pmax	23 54 16.7 -1.8
ROSF	Rostrenen	25.50 307	eP	Pmax	23 54 16.7 -1.8
ELOJ	Sierra Loja	25.56 280	P	Pmax	23 54 17.7 -1.5
ELOJ	Sierra Loja	25.56 280	P	P	23 54 17.7 -1.5
ELOJ	Sierra Loja	25.56 280	P	P	23 54 17.7 -1.5
ELOJ	Sierra Loja	25.56 280	P	P	23 54 17.7 -1.5
ELUO	Luque	25.59 281	P	P	23 54 18.1 -1.3
EADA	Adamuz	25.75 283	P	P	23 54 19.6 -1.3
EARI	Arriondas	26.04 293	P	P	23 54 23.4 -0.2
EMIJ	Mijas	26.15 279	P	P	23 54 22.9 -1.8
JOF	Joensuu	26.17 4	eP	P	23 54 25.4 +0.8
NOA01	NORSAR Array S	26.33 341	eP	P	23 54 24.9 -1.2
NB2	NORSAR Subarra	26.41 342	P	P	23 54 25.2 -1.6
NB2	NORSAR Subarra	26.41 342	P	P	23 54 25.2 -1.6
NB2	NORSAR Subarra	26.41 342	P	Pmax	23 54 25.2 -1.6
NB2	NORSAR Subarra	26.41 342	P	Pmax	23 54 25.2 -1.6
NOA	NORSAR Array B	26.41 342	P	P	23 54 25.7 -1.1
NOA	NORSAR Array B	26.41 342	P	P	00 05 37.6
DHBB	Dhamar BB	26.61 142	eP	P	23 54 33.3 +4.2
ECAL	Calabar	27.14 292	P	P	23 54 34.8 +1.1
PBRG	Braganca	27.15 291	eP	P	23 54 34.9 +1.1
EMIN	Mina Concepcio	27.44 282	P	P	23 54 35.0 -1.6
EPON	Pontenova	27.46 295	P	P	23 54 35.2 -1.3
EBAD	Badajoz	27.57 285	P	P	23 54 35.5 -2.2
PCBR	Castelo Branco	27.82 287	eP	P	23 54 39.4 +0.5
MTE	Manteigas	27.82 288	eP	P	23 54 38.4 -1.5
MTE	Manteigas	27.82 288	eP	P	23 54 38.2 -1.7
EKA	Eskdalemuir Ar	28.04 321	P	P	23 54 40.0 -1.8
ARAQ	Araqi	28.05 111	IP	P	23 54 43.7 +1.6
PVIS	Viseu	28.07 289	eP	P	23 54 41.9 -0.2
EGRO	Ei Granado	28.12 282	P	P	23 54 40.2 -2.4
PALC	Alcoutim	28.12 282	eP	P	23 54 41.4 -1.3
PBEJ	Beja	28.24 283	eP	P	23 54 43.4 -1.2
ARU	Arti	28.36 37	eP	P	23 54 38.5 -6.1
ARU	Arti	28.36 37	eP	P	23 55 33.0 -1.5
ARU	Arti	28.36 37	eP	P	23 59 20.4 -8.6
ARU	Arti	28.36 37	eP	P	00 05 50.2 -3.4
ARU	Arti	28.36 37	eP	P	00 05 26.4
ARU	Arti	28.36 37	eP	P	23 54 44.3 -0.7
EVO	Evora	28.36 284	eP	P	23 54 44.3 -0.7
EVO	Evora	28.36 284	eP	P	23 54 44.3 -0.7
HOQ	Hoqain	28.50 109	IP	P	23 54 46.9 +0.7
PTOM	Tomar	28.55 287	eP	P	23 54 44.9 -1.6
BSY	Bisya	28.90 111	IP	P	23 54 50.5 +0.7
BSY0	Bisya	28.94 111	P	P	23 54 50.5 +0.4

PTEO	Sao Teotonio	29.09 283	eP	P	23 54 51.1 -0.3
BIDO	Bidbid	29.16 109	IP	P	23 54 52.2 0.0
MUKL	Al Mukalla	29.17 134	IP	P	23 54 54.7 +2.4
SOKR	Solikamsk	29.35 301	IP	P	23 54 52.0 -1.5
SOKR	Solikamsk	29.35 301	IP	Pmax	23 54 52.0 -1.5
SMDO	Samad	29.36 109	IP	P	23 54 54.5 +0.5
WHFO	Wadi Hawf	29.55 123	IP	P	23 54 56.8 +1.1
SVE	Sverdlövsk	29.55 371	eP	P	23 54 57.0 +1.6
SVE	Sverdlövsk	29.55 371	eP	Pmax	23 54 57.0 +1.6
SVE	Sverdlövsk	29.55 371	eP	Pmax	23 54 57.0 +1.6
SVE	Sverdlövsk	29.55 371	eP	Pmax	23 54 57.0 +1.6
ABTO	Aybut	29.64 124	P	P	23 54 57.8 +1.3
JMDO	Jabal Madar	29.80 111	IP	P	23 54 58.0 +0.2
RBK	Rabkut	30.14 123	IP	P	23 55 01.8 +0.9
WBK	Wadi Bani Khal	30.31 109	IP	P	23 55 03.4 +0.9
APA	Apacity	30.92 41	IP	P	23 55 06.7 -0.6
APA	Apacity	30.92 41	IP	P	23 56 15.7
APA	Apacity	30.92 41	IP	Pmax	23 56 15.7
APA	Apacity	30.92 41	IP	Pmax	23 56 15.7
LVZ	Lovozero	31.32 5	eP	P	23 55 11.4 +0.5
LVZ	Lovozero	31.32 5	eP	P	00 00 15.9 0.0
LVZ	Lovozero	31.32 5	eP	Pmax	23 55 11.4 +0.5
LVZ	Lovozero	31.32 5	eP	Pmax	00 00 15.9 0.0
LVZ	Lovozero	31.32 5	eP	Pmax	23 55 11.4 +0.5
LVZ	Lovozero	31.32 5	eP	Pmax	00 00 15.9 0.0
ARCES	ARCES Array B	32.76 358	P	P	23 55 23.2 -0.2
ARCES	ARCES Array B	32.76 358	P	P	00 09 18.0
BRVK	Borovoye	33.50 47	eP	P	23 55 30.0 0.0
BRVK	Borovoye	33.50 47	eP	Pmax	23 55 30.0 0.0
BRVK	Borovoye	33.50 47	eP	Pmax	23 55 30.0 0.0
BRVK	Borovoye	33.50 47	eP	Pmax	23 55 30.0 0.0
BVA0	Borovoye Array	33.55 48	IP	P	23 55 30.7 +0.2
BVA0	Borovoye Array	33.55 48	IP	Pmax	23 55 30.7 +0.2
BVA0	Borovoye Array	33.55 48	IP	Pmax	23 55 30.7 +0.2
BVA0	Borovoye Array	33.55 48	IP	Pmax	23 55 30.7 +0.2
BVAR	Borovoye Array	33.55 48	IP	P	23 55 30.1 -0.4
CHKZ	Chkalovo	33.82 46	eP	P	23 55 32.4 -0.4
CHKZ	Chkalovo	33.82 46	eP	Pmax	23 55 32.4 -0.4
CHKZ	Chkalovo	33.82 46	eP	Pmax	23 55 32.4 -0.4
CHKZ	Chkalovo	33.82 46	eP	Pmax	23 55 32.4 -0.4
AML	Almayashu	35.38 67	P	P	23 55 47.1 +0.8
EKS2	Erkin Say	35.38 66	P	P	23 55 47.8 +1.5
USP	Ospenovka	35.84 65	P	P	23 55 50.9 +0.6
AAK	Ala-Archa	35.91 66	P	P	23 55 51.9 +1.1
AAK	Ala-Archa	35.91 66	IP	P	23 55 50.8 0.0
AAK	Ala-Archa	35.91 66	IP	Pmax	23 55 50.8 0.0
AAK	Ala-Archa	35.91 66	IP	Pmax	23 55 50.8 0.0
UCH	Uchtor	35.97 67	P	P	23 55 53.0 +1.7
FRU	Bishkek	35.98 66	IP	P	23 55 52.5 +1.2
FRU	Bishkek	35.98 66	IP	Pmax	23 55 52.5 +1.2
FRU	Bishkek	35.98 66	IP	Pmax	23 55 52.5 +1.2
FRU	Bishkek	35.98 66	IP	Pmax	23 55 52.5 +1.2
CHMS	Chumysh	36.05 65	P	P	23 55 52.8 +0.8
KBK	Karagaybulak	36.24 66	P	P	23 55 55.4 +1.9
KZA	Kyzart	36.53 67	P	P	23 55 57.7 +1.7
TKM2	Tokmak 2	36.68 65	P	P	23 55 58.6 +1.3
ULHL	Ulahov	37.24 66	P	P	23 56 04.1 +2.2
MBAR	Mbarara	37.36 175	IP	P	23 56 04.4 +1.1
MBAR	Mbarara	37.36 175	IP	Pmax	23 56 04.4 +1.1
MBAR	Mbarara	37.36 175	IP	Pmax	23 56 04.4 +1.1
MBAR	Mbarara	37.36 175	IP	Pmax	23 56 04.4 +1.1
JASL	Jaisalmer	37.54 93	eP	P	23 56 05.6 +0.9
KMBO	Kilima Mbogo	38.77 165	P	P	23 56 18.6 +3.5
KMBO	Kilima Mbogo	38.77 165	P	P	23 56 30.8 +3.7
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 18.6 +3.5
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 30.8 +3.7
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 18.6 +3.5
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 30.8 +3.7
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 18.6 +3.5
KMBO	Kilima Mbogo	38.77 165	P	Pmax	23 56 30.8 +3.7
BHK	Bhakra	40.16 83	eP	P	23 56 26.7 +0.2
BORG	Borgarnes	41.58 82	eP	P	23 56 26.6 +0.4
AJM	Ajmer	40.74 91	IP	P	23 56 32.0 +0.8
SMLA	Sherafvile	40.86 83	IP	P	23 56 45.1 +1.3
MKAR	Makanchi Array	40.97 58	IP	P	23 56 33.4 +0.4
MKAR	Makanchi Array	40.97 58	IP	Pmax	23 56 33.4 +0.4
NVS	Novosibirsk	41.30 46	IP	P	23 56 35.6 0.0
NVS	Novosibirsk	41.30 46	IP	S	00 02 49.2 +0.4
NVS	Novosibirsk	41.30 46	IP	S	23 58 11.0
NVS	Novosibirsk	41.30 46	IP	S	00 02 49.2 +0.4
NVS	Novosibirsk	41.30 46	IP	S	23 58 11.0
NVS	Novosibirsk	41.30 46	IP	S	00 02 49.2 +0.4
NVS	Novosibirsk	41.30 46	IP	S	23 58 11.0
NVS	Novosibirsk	41.30 46	IP	S	00 02 49.2 +0.4
NVS	Novosibirsk	41.30 46	IP	S	23 58 11.0
NVS	Novosibirsk	41.30 46	IP	S	00 02 49.2 +0.4
KUDL	Kundal	41.50 88	eP	P	23 56 38.3 +0.2
KLP	Kalpa	41.58 82	eP	P	23 56 38.3 +0.2
NDI	New Delhi	41.86 87	eP	P	23 56 40.0 -0.4
AYAN	AYA Nagar	41.87 87	eP	P	23 56 41.0 +0.5
DDI	Dehra Dun	41.88 84	eP	P	23 56 38.5 -2.1
ZAL	Zalesovo	42.20 47	IP	P	23 56 43.1 +0.3
POB	Dimbokro	42.36 103	IP	P	23 56 44.3 -0.6
POB	Dimbokro	42.36 103	IP	P	23 56 59.8 +0.9
POO	Poona	44.11			

Table with columns: Code, Station Name, Az, Alt, Op, Phase, I, Res, Time, Res. Includes stations like INK Inuvik, YKWB Yellowknife, SDMD Soldier's Dell, COLA College, ILAR Eielson Array, DAWY Dawson, PET Petropavlovsk, JOW Kunigami, SPU Mount Spurr, SLKM Skikak Lake, FX1 Attu Island, WALA Waterton Lakes, BAO Brasilia, GCMT Greyhilt, PHWY Pilot Hill, SDV Santo Domingo, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, HLID Halley, HLID Halley, NVAR Mina Array, NVAR Mina Array, CTAR Charters Tower, STKA Stephens Creek, STKA Stephens Creek, STKA South Pole, VANDA Vanda, TAOE Nuku Hiva, RKT Rikitea, PPT Papeete, TBI Tubuai.

BJI 10 23:50:20.8, 37.53N-27.12E, h14km, mb5.0, Ms5.1, Ms5.0

MOS 10 23:50:23.7-2.3, 36.77N-28.01E, h10km, mb5.3/13, Error ellipse: s-maj=12.2km s-min=5.6km az=107.3

ZUR_RM 10 23:50:25.37, 02N-27.92E, h9km, Mw5.27, Moment Tensor Solution. s7 Moment tensor: Scale 10^16Nm; Mn=7.06; Mw=7.01; Ms=0.06; Mm=1.98; Ms=0.20; Mw=0.18; Best double couple: Mw=7.31x10^16 Np1=0.93; s=8.88; P1g8; Np2=0.271; s37; lambda=92; Principal axes: T=7.253, Plg8; Azm182; N.051, Plg1; Azm272; P=7.339, Plg82; Azm91

NEIC 10 23:50:25.0-2.7, 37.02N-27.92E, h10km, mb5.0/18, ML4.9(ATH) Error ellipse: s-maj=5.7km s-min=5.0km az=51

ATH 10 23:50:27.2, 36.81N-27.66E, h2km, ML4.8 CSEM 10 23:50:28.0, 0.1, 37.08N-27.99E, h40km, mb4.9/8, Error ellipse: s-maj=4.8km s-min=3.5km az=144.0

IDC 10 23:50:34.7-3.8, 37.12N-27.69E, h78km, 32km, mb4.4/17, mb1.4/22, mb1mx4.5/27, mbtmp4.7/22, Ms4.7/2, Ms1.4/7.2, ms1mx4.0/16, Error ellipse: s-maj=22.4km s-min=17.1km az=170.0

ISC 10 23:50:27.9-0.7, 36.94N-0.05, 27.89E-0.05, h39km, 7km, n148, s126/143, mb4.8/35, Ms4.9/4, 1C-3D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Alt, Op, Phase, I, Res, Time, Res. Includes stations like ARG Arkhangels, SMG Samos, KARP Karpathos, SANT Santorini, SANT Santorini, NPS Neapolis, PRK Parakevi, IDI Anoyia, IDI Anoyia, IDI Anoyia, PTL Penteli, ATH Athens Observa, EVR Erytria, BRTR Keskin Array, JAN Janina, SKO Skopje, TIP Timpageande, TIP Timpageande, EIL Eliat, EIL Eliat, PSL Piskestezo, KOLS Kolonike sedl, KOLS Kolonike sedl, CRVS Cervenica-Dubn, CRVS Cervenica-Dubn, ZST Bratislava, ZST Bratislava, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, QJC Oljov, VRAN Vranov.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, I, Res, Time, Res. Includes stations like MORC Moravsky Berou, GERES GERESS Array B, DPC Dobruska-Polom, YKWB Yellowknife Ar, YKWB Yellowknife Ar, YKA Yellowknife Ar, SDMD Soldier's Dell, SDMD Soldier's Dell, IM Indian Mountain, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, COLA College, COLA College, COLA College, COLA College, ILAR Eielson Array, DAWY Dawson, DAWY Dawson, PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, JOW Kunigami, SPU Mount Spurr, SPU Mount Spurr, SLKM Skikak Lake, FX1 Attu Island, WALA Waterton Lakes, WALA Waterton Lakes, BAO Brasilia, BAO Brasilia, BDFB Brasilia, GCMT Greyhilt, PHWY Pilot Hill, PHWY Pilot Hill, SDV Santo Domingo, SDV Santo Domingo, BW06 Boulder Array, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, HLID Halley, HLID Halley, NVAR Mina Array, NVAR Mina Array, CTAR Charters Tower, CTAR Charters Tower, STKA Stephens Creek, STKA Stephens Creek, STKA South Pole, VANDA Vanda, TAOE Nuku Hiva, RKT Rikitea, PPT Papeete, TBI Tubuai, BDRM Kayabasi, MLSE Milas, DALG Dalyan (Mudla), ARG Arkhangels, AYDN Tasoluk, AYDN Tasoluk, FEYF Fethiye, KADG Karnak, DNZL Kaciroluk, DNZL Kaciroluk, KARP Karpathos, KSL Kastellorizon, KADG Karnak, KADG Karnak, BLBC Balcova, MANT Manisa, MANT Manisa, APE Apeiranthos, APE Apeiranthos, ANTB Antalya, ISP Isparta, ISP Isparta, ISP Isparta, NPS Neapolis, XRY Xryhi, BALB Balikesir, IDI Anoyia, IDI Anoyia, VAM Vamos, PTL Penteli, ATH Athens Observa, PAR Paros, NAIG Nissos Agina, NSAL Nisos Salamina, HDMB Hadim, LOS Limnos, MGER Gerania Oros, YLV Yalova, AOS Alonissos, MURE Murete, VLI Velia, HRT Hereke, ALAI Alexaroupoli, XOR Koriethi, PAIG Paliouri, OUR Ouranopolis, RDO Rodhopi, CSS Prodhromos, CSS Prodhromos, EVR Erytria, SOH Sokhos, LIT Litokhoron, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, SRS Serrai, DIM Dimitrograd, KNT Kntrolikon, HMT Hatun, SLUM Slum, GRG Griva, FNA Florina, IGT Igoumenitsa, HBRB Burt al Arab, HNAT Natroun, AMAG Maghara, KOT Kottamia, SWA1 Swaqa, HBRB Burt al Arab, HSAF As Saff, SWA2 Swaqa.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, I, Res, Time, Res. Includes stations like RES Resolute Bay, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, SCHO Scheffera, BJT Baijittuau, BJT Baijittuau, BJT Baijittuau, ENH Enshi, BILL Bilbino, BILL Bilbino, BILL Bilbino, BILL Bilbino, FOC Fort Churchill, FOC Fort Churchill, FOC Fort Churchill, INK Inuvik, INK Inuvik, INK Inuvik, YKWB Yellowknife Ar, YKWB Yellowknife Ar, SDMD Soldier's Dell, IM Indian Mountain, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, COLA College, COLA College, COLA College, ILAR Eielson Array, DAWY Dawson, SPU Mount Spurr, SPU Mount Spurr, BDFB Brasilia, BDFB Brasilia, ROSA El Rosal, ROSA El Rosal, WSAR Alice Springs, WSAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, GSPA South Pole Qui, GSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like Jallah, Nakhi, Jabal al Asfar, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like La Druitiere, La Foliniere, Gorrion, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like ATH 11 00:18:41.0, MOS 11 00:18:41.7, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like VIS Vishakhapatnam, KOD Kodaikanal, SHL Shilling, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like MORC Moravsky Berou, KSP Ksiaz, PRU Pruhonice, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like SGLT Jiouru, HSN Hsinchu, TAW Tawu, etc.

YKA Yellowknife Ar 83.26 23 P P 01 10 44.3 -2.9
GERES GRESS Array B 83.61 321 P P 01 10 46.2 -2.5

NIED 11 01:04:00.29, 00N, 129.80E, h38km, Mw4.4 Best double couple
JMA 11 01:04:44.7, 0.2, 28.97N, 129.78E, h66km, 4.1km, M4.2
JMA Felt 1 J1.
BUJ 11 01:04:44.8, 28.46N, 130.10E, h51km, mb4.9, mb4.5, Ms4.0, Msz3.8

ISC 11 01:04:45.0, 5.28, 99N, 0.04, 130.00E, 0.07, h57km, 4.4km, n38, e095/47, mb4.3/21, MS3.4/1, Ryukyu Islands
Code Station Name Az AZZ Phase ID Time Res

JAM Amami Oshima 0.67 211 Op P ISC 01 05 57.8 -1.4
JZK Kikashima 0.67 182 S P S 01 05 07.8 -1.8
JNN Nakanoshima 0.86 353 S P S 01 05 49.1 -0.1

JOW Kunigami 2.63 216 S P P 01 05 25.8 -0.8
JOW Uanbatar 2.63 216 S P P 01 05 25.8 -0.8
JIH Iheya 2.65 223 S P S 01 05 26.4 -0.4

BJT Baijiatuu 15.92 318 eP P 01 08 30.8 +4.9
ENH Enshi 17.88 279 eP P 01 08 51.5 -0.3
ULN Ulanbatar 25.88 323 eP P 01 10 13.1 -0.5

SOMM Songino Array 26.21 322 P P 01 10 16.1 -0.6
CMAR Chiang Mai Arr 30.22 257 LR LR 01 23 06.0
JIRN Jiri 38.42 279 eP P 01 12 04.9 +1.7

GUN Gumba 38.64 279 eP P 01 12 06.8 +1.8
PKI Pulchoki 39.12 279 eP P 01 12 09.6 +0.6
KKN Kakani 39.18 279 eP P 01 12 10.4 +0.9

ZAL Zalesovo 41.08 320 P P 01 12 24.3 -0.7
ZAL Waresawo 41.08 320 P P 01 12 24.3 -1.0
ZAL Zalesovo 41.08 320 P P 01 12 24.3 -0.7

WRRA Waramunga Arr 48.82 175 P P 01 13 26.9 -0.4
BVAR Borovoye Array 49.31 317 P P 01 13 30.2 -0.4
BVAR Borovoye Array 49.31 317 P P 01 13 30.2 -0.4

BRTR Keskin Array B 59.44 299 P P 01 34 25.1 -0.2
comp=Z, 2.2nm, 0.9s, mb4.1

DJA 11 01:39:50.4, 1.1, 8.52S, -112.65E, h160km, MD4.6/3, ML3.6/4, 2C-5D, Error ellipse: s-maj=65.6km s-min=26.7km az=3.0, Jawa
Code Station Name Az AZZ Phase ID Time Res

ISC 11 01:47:00.4, 1.5, 0.07N, -98.58E, h50km, 7km, mb3.8/7, mb1.3/9.8, mb1mx3.7/1.7, mbmt4.0/8, MS2.7/1, Ms1.2/9.1, ms1mx2.4/2.0, Error ellipse: s-maj=47.8km s-min=27.9km az=52.0, Northern Sumatera
Code Station Name Az AZZ Phase ID Time Res

CMAR Chiang Mai Arr 18.27 1 P ISC 01 51 09.2 -3.0
WRRA Waramunga Arr 40.27 122 P P 01 54 32.3 -2.1
SONM Songino Array 48.06 7 P P 01 55 35.7 -1.2

MEX 11 01:49:37.2, 0.7, 15.38N, -96.26W, h13km, 60km, MD3.7, Near coast of Oaxaca
Code Station Name Az AZZ Phase ID Time Res

HUIG Huatulco 0.41 210 Op P ISC 01 49 44.6 -1.1
OAX Oaxaca 1.75 345 P S S 01 50 02.0 -4.9
CMIG Matias Romero 2.15 38 P S S 01 50 10.5 -2.9

CSEM 11 01:59:48.0, 0.1, 36.99N, -27.80E, h18km, 1km, MD3.3, Error ellipse: s-maj=3.4km s-min=0.2km az=70.0
ATH 11 01:59:49.3, 36.84N, -27.71E, h11km, MD3.1/4
ISC 11 01:59:50.3, 36.87N, -27.65E, h22km, MD3.1(ATH), After ATH

ISC 11 01:59:48.9, 1.3, 36.95N, 0.04, -27.77E, 0.08, h10km, 9km, n13, e076/17, Dodecanese Islands
Code Station Name Az AZZ Phase ID Time Res

MLSB Milas 0.35 1 PG P 01 59 56.3 +0.3
DALD Dalyan (Mudla) 0.72 104 eP P 02 00 03.0 -0.4
ARG Arkhangelos 0.79 158 eP P 02 00 03.5 -0.7

ATH 11 02:09:49.9, 37.00N, -28.13E, h10km, MD3.0/3
CSEM 11 02:09:51.6, 0.1, 36.93N, -27.73E, h10km, MD3.3, Error ellipse: s-maj=5.3km s-min=2.5km az=73.0
ISC 11 02:09:52.2, 37.02N, -27.80E, h17km, MD3.3

HLW 11 02:33:30.0, 0.7, 13N, -27.69E, h33km, Mb3.4
ATH 11 02:33:31.7, 36.96N, -27.80E, h21km, 2km, MD3.6/8
CSEM 11 02:33:31.4, 0.1, 37.01N, -27.86E, h10km, ML3.7, Error ellipse: s-maj=1.7km s-min=1.4km az=47.0

ISC 11 02:33:31.3, 37.00N, -27.84E, h12km, ML3.7, NEIC 11 02:33:31.7, 36.96N, -27.80E, h21km, MD3.6(ATH), ML3.7(ISK), After ATH
Code Station Name Az AZZ Phase ID Time Res

BDRM Kayabasi 0.31 301 P P 02 33 43.9 +1.0
MLSB Milas 0.39 0 PG P 02 33 38.1 -1.4
MLSB Milas 0.39 0 PG P 02 33 38.2 -1.4

AYDN Tasuluk 0.76 6 P P 02 33 58.8 +1.5
FETY Fethiye 1.09 104 PG P 02 33 55.8 +0.3
ARG Karpathos 1.28 52 P P 02 34 07.2 +0.9

AKS Akhisar 1.97 1 eP P 02 34 03.7 -0.3
AKS Akhisar 1.97 1 Pn P 02 34 03.8 -0.3
AKS Akhisar 1.97 1 Pn P 02 34 03.8 -0.2

BTOK Tokmak 2.86 4 P P 02 34 55.5 -1.2
ORLT Orhaneli 3.25 15 eP P 02 34 22.3 -0.1
ORLT Orhaneli 3.25 15 eP P 02 34 22.3 -0.1

ISC 11 02:37:04.1, 4.1, 4.24N, -94.65E, mb4.0/8, mb1.4/2.9, mb1mx3.9/19, mbmt4.0/9, ML4.2/1, MS3.0/1, Ms1.3/2.1, ms1mx2.7/1.9, Error ellipse: s-maj=54.7km s-min=27.0km az=48.0
NEIC 11 02:37:12.8, 0.9, 4.45N, -93.70E, h30km, mb4.4/3, Error ellipse: s-maj=24.3km s-min=18.4km az=62.0

ISC 11 02:37:10.9, 1.1, 4.4N, -93.8E, 0.2, h30km, n16, e123/18, mb4.2/13, Off west coast of northern Sumatera
Code Station Name Az AZZ Phase ID Time Res

CMAR Chiang Mai Arr 14.90 19 Op P 02 40 41.5 +0.1
CMAR comp=Z, 60nm, 19.1s, baz=185, slow=36 LR LR 02 45 58.5
JIRN Jiri 24.27 343 eP P 02 42 28.5 +1.7

GUN Gumba 24.60 343 eP P 02 42 31.2 +2.2
GKN Gorkha 24.60 343 eP P 02 42 35.7 +1.2
KOLN Koldanda 25.22 338 eP P 02 42 37.2 +1.3

ARCES ARCESS Array B 78.43 341 P 02 49 09.4 -0.7
GERES GERRSS Array B 80.19 319 P 02 49 20.9 +0.8

IDC 11 02:38:51.3,0.9,14.04N:145.39E,mb3.8/7,mb1 4.1/7,
mb1mx3.9/18,mbtmp3.8/7,MS3.2,Ms1 3.4/2,
ms1mx2.8/21,Error ellipse: s-maj=49.3km s-min=19.9km
az=105.0

NEIC 11 02:39:04.1,1.4,13.93N:145.31E,h104km,13km,Error
ellipse: s-maj=50.2km s-min=18.4km az=104.0

ISC 11 02:39:03.9,1.1,13.9N,0.2:145.1E,0.4,h111km,8km,n11,
+0983.0,mb3.6/7,1D,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GUM0, WRA, ASAR, CMAR, STKA, ZAL, ILAR, BVAR, YKA, NVAR, NVAR.

NEIC 11 02:45:22.0,17.83N,101.88W,h43km,MD4.2(MEX),After
MEX.

MEX 11 02:45:21.8,0.7,17.82N,101.88W,h46km,8km,MD4.2,2D,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ZIG, CAIG, MOIG, ACX, COLM, PLIG, CGX, CRX, YAG, SFJM, UNM, PPM, PFM, PNH, PVO, OXX.

IDC 11 02:51:22.6,1.5,51.18N:168.51W,mb3.6/5,mb1 3.8/5,
mb1mx3.5/22,mbtmp3.6/5,Error ellipse: s-maj=43.8km
s-min=31.0km az=156.0

NEIC 11 02:51:24.9,0.9,51.43N:168.51W,h10km,mb3.6/1,Error
ellipse: s-maj=24.0km s-min=13.6km az=167.0

ISC 11 02:51:26.3,0.9,51.51N,0.2:168.6W,0.2,h33km,n10,
+0117/10,mb3.5/6,Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include UNV, KIW, INK, YKA, HLID, FCC, WMOK, TXAR, BVAR, ASAR.

WEL 11 03:09:18.3,0.4,39.03S:175.14E,h215km,3km,ML3.5/7,
1C-1D,Error ellipse: s-maj=7.8km s-min=3.9km az=90.0,
North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FWVZ, WNVZ, WNVZ, MOVZ, WAZ, BKZ, THZ, MRZ, URZ, KAP, BFZ, CAW, CARW, MRW, MSW, NNZ, QRZ, THZ, KHZ, DSZ, MQZ.

DJA 11 03:09:56.8,1.0,8.21S:116.90E,h33km,MD4.5/3,
ML4.3/3,8D,Error ellipse: s-maj=48.4km s-min=22.4km
az=165.0,Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KEDI, RATI, RATI, SARDI, SRDI.

IDC 11 01:43:22.0,0.79N:123.46E,mb3.5/3,mb1 3.8/3,
mb1mx3.6/16,mbtmp3.7/4,Error ellipse:
s-maj=217.6km s-min=26.9km az=70.0,Minahassa
Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, SONM.

CASC 11 03:13:53.2,3.1,13.95N:91.33W,h19km,14km,MD3.9,
ML4.3,mb3.9(NEIC)

NEIC 11 03:13:57.2,1.8,14.59N:90.77W,h142km,16km,mb3.9/1,
Error ellipse: s-maj=26.8km s-min=12.8km az=52.0

IDC 11 03:13:58.1,5.8,14.75N:90.73W,h144km,48km,mb3.5/7,
mb1 3.7/8,mb1mx3.4/18,mbtmp3.9/8,MS3.1/1,Ms1 3.1/1,
ms1mx1.7/19,Error ellipse: s-maj=42.2km s-min=21.4km
az=26.0

ISC 11 03:13:50.3,0.7,14.31N,0.0:7.91E,0.07,h115km,4km,
n40,+0956/50,mb3.8/7,4C-1D,Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAT, FUG, TP2, PCG, GCG, IXX, NBG, RBDL, RTR, SBLS, SNJE, BOOS, SNET, LFRU, LBRS, LFRS, LCBS, SNVI, CAHU, TEIG, JCR, PRSI, LAJ, URSC, BUS, TXAR, LRAL, SDV, ANMO, PDAR, NVAR, SCHO, YKA, YKA, YKA, ILAR, EKA, ARCES, ARCES, ARCES, ARCES.

ATH 11 04:01:31.1,36.95N:28.01E,h80km,4km
CSEM 11 04:01:31.6,0.1,36.99N:27.85E,h15km,MD3.3,Error
ellipse: s-maj=2.7km s-min=1.7km az=90.0

ISC 11 04:01:31.4,36.98N:27.59E,h14km,MD3.3
ISC 11 04:01:33.1,0.5,37.00N,0.0:3.27E,0.05,h24km,4km,
n18,+076/27,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BDRM, BDRM, MLBS, AYDN, DALY, ARG, ARG, SMG, FETY, DENT, DENT, KADG, DNT, BLCB, KARP, KARP, MANT, ELMI, AKS, ALT, LIA.

ISK 11 04:06:14.9,36.84N:27.70E,h22km,ML3.5
ATH 11 04:06:16.7,36.89N:27.72E,h20km,3km,MD3.4/5
CSEM 11 04:06:16.7,0.1,36.93N:27.85E,h20km,MD3.4,Error
ellipse: s-maj=2.2km s-min=1.5km az=70.0

NEIC 11 04:06:16.7,36.89N:27.72E,h20km,MD3.4(ATH),After
ATH.

ISC 11 04:06:16.6,1.1,36.94N,0.0:3.27E,0.06,h16km,12km,
n19,+083/22,Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MLBS, DALY, ARG, FETY, SMG, DENT, KARP, KARP, IZM, BLCB, KAL, ELL, AKS, ISP, PRK, ALT, SANDIA, ESKT, LIA, VLV.

IDC 11 04:05:7.1,2,1.87N:127.07E,mb4.2/5,mb1 4.4/5,
mb1mx4.1/16,mbtmp4.2/5,Error ellipse: s-maj=135.8km
s-min=18.9km az=69.0

ISC 11 04:05:8.1,1.2,2.0N,0.2:127.3E,0.5,h33km,n7,+095/7,
mb4.2/5,IC,Halmaera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ, WRA, WB2, ASAR, STKA, SONM, BVAR.

IDC 11 04:26:56.2,4.0,10.78N:91.76E,mb4.0/3,mb1 4.2/4,
mb1mx3.7/18,mbtmp3.9/4,ML4.4/1,Error ellipse:
s-maj=107.5km s-min=29.6km az=82.0,Andaman
islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PBA, PBA, PBA, CMAR, SONM, WRA, ASAR.

IDC 11 04:00:13.3,1.2,16.35N:92.58E,mb3.9/7,mb1 4.0/8,
mb1mx3.8/18,mbtmp3.8/8,ML3.8/1,Error ellipse:
s-maj=46.7km s-min=27.6km az=37.0

NEIC 11 04:00:17.9,1.1,16.37N:92.65E,h30km,mb4.4/3,Error
ellipse: s-maj=24.9km s-min=14.4km az=199.0

ISC 11 04:00:16.8,1.1,16.5N,0.1:92.68E,0.07,h33km,n18,
+0919/19,mb4.0/10,Bay of Bengal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR, JIRN, PKI, GUN, DMN, GKN, KOLN, BJT, SONM, BVAR, BRVK, CHKZ, WRA, FINES, ARCES, GERES, NOAS, RSO.

ATH 11 04:01:31.1,36.95N:28.01E,h80km,4km
CSEM 11 04:01:31.6,0.1,36.99N:27.85E,h15km,MD3.3,Error
ellipse: s-maj=2.7km s-min=1.7km az=90.0

ISC 11 04:01:31.4,36.98N:27.59E,h14km,MD3.3
ISC 11 04:01:33.1,0.5,37.00N,0.0:3.27E,0.05,h24km,4km,
n18,+076/27,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BDRM, BDRM, MLBS, AYDN, DALY, ARG, ARG, SMG, FETY, DENT, DENT, KADG, DNT, BLCB, KARP, KARP, MANT, ELMI, AKS, ALT, LIA.

ISK 11 04:06:14.9,36.84N:27.70E,h22km,ML3.5
ATH 11 04:06:16.7,36.89N:27.72E,h20km,3km,MD3.4/5
CSEM 11 04:06:16.7,0.1,36.93N:27.85E,h20km,MD3.4,Error
ellipse: s-maj=2.2km s-min=1.5km az=70.0

NEIC 11 04:06:16.7,36.89N:27.72E,h20km,MD3.4(ATH),After
ATH.

ISC 11 04:06:16.6,1.1,36.94N,0.0:3.27E,0.06,h16km,12km,
n19,+083/22,Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MLBS, DALY, ARG, FETY, SMG, DENT, KARP, KARP, IZM, BLCB, KAL, ELL, AKS, ISP, PRK, ALT, SANDIA, ESKT, LIA, VLV.

IDC 11 04:05:7.1,2,1.87N:127.07E,mb4.2/5,mb1 4.4/5,
mb1mx4.1/16,mbtmp4.2/5,Error ellipse: s-maj=135.8km
s-min=18.9km az=69.0

ISC 11 04:05:8.1,1.2,2.0N,0.2:127.3E,0.5,h33km,n7,+095/7,
mb4.2/5,IC,Halmaera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ, WRA, WB2, ASAR, STKA, SONM, BVAR.

IDC 11 04:26:56.2,4.0,10.78N:91.76E,mb4.0/3,mb1 4.2/4,
mb1mx3.7/18,mbtmp3.9/4,ML4.4/1,Error ellipse:
s-maj=107.5km s-min=29.6km az=82.0,Andaman
islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PBA, PBA, PBA, CMAR, SONM, WRA, ASAR.

KOLS	Kolonieck sedl	12.71 343	ePn	P	04 38 59.1 -0.4
AOI	Ancona	12.77 306	P	P	04 38 59.0 -1.3
KECS	Kecevo	12.78 307	i PN	P	04 39 00.7 +0.2
NRCS	Norcia	12.79 302	P	P	04 38 59.0 -1.6
BOJS	Bojanci	12.81 316	ePn	P	04 38 59.3 -1.5
GOIS	Gornji Cirmik	12.83 318	i Pn	P	04 39 01.1 -0.9
CRVS	Cervencia-Dubn	12.88 341	i Pn	P	04 39 01.5 -0.3
CRVS					04 43 15.2
SROZ	Moca	12.91 300	ePN	P	04 39 03.6 +1.4
MNS	Montasola	12.93 300	P	P	04 39 03.5 +1.1
CING	Cingoli	12.96 304	P	P	04 39 01.4 -1.4
SRO	Grobarova	12.99 300	ePN	P	04 39 03.1 -0.1
SNTE	Esanatoglia	12.97 304	P	P	04 39 02.9 -1.5
ARV	Arcevia	13.18 305	P	P	04 39 04.2 -1.5
LVV	L'vov	13.21 349	eP	P	04 38 55.2 -1.1
LVV					04 41 24.0 -1.0
LVV					MLR
LVV	comp=Z,1µm,12.0s				MLR
LVV	comp=N,1µm,11.0s				MLR
LVV	comp=E,1µm,10.0s				MLR
KIV	Kislovodsk	13.29 53	i P	Pmax	04 39 07.6 +0.3
KIV	comp=Z,40nm,1.3s				Pmax
KIV	comp=Z,900nm,16.0s				MLR
KIV	Kislovodsk	13.29 53	P	P	04 39 07.9 +0.6
KIV	comp=Z,39nm,1.0s				MLR
KIV	Kislovodsk	13.29 53	i P	P	04 39 07.6 +0.3
KIV	comp=Z,450nm,16.0s				Pmax
VYHS	Vyhne	13.35 333	i PN	P	04 39 07.2 -0.8
VYHS					04 43 29.8
MURB	Monte Urbino	13.36 303	P	P	04 39 09.1 +1.0
STE	Stepanavan	13.50 67	eP	P	04 39 11.0 +1.1
LJU	Ljubljana	13.53 317	ePn	P	04 39 08.7 -1.7
KOLL	Kolacno	13.58 332	ePN	P	04 39 03.4 -1.6
PERS	Pernice	13.60 320	ePn	P	04 39 10.6 -0.7
GNI	Garni	13.60 71	i P	P	04 39 10.8 -0.5
GNI					Pmax
GNI	comp=Z,25nm,0.8s				MLR
GNI	comp=Z,800nm,17.0s				MLR
GNI	Garni	13.60 71	Pn	P	04 39 10.7 -0.6
GNI	comp=Z,0.3nm,0.3s,baz=65,slow=20,SNR=2.1				LR
GNI	comp=Z,1µm,18.4s,baz=72,slow=39				LR
GNI	Garni	13.60 71	eP	P	04 39 09.9 -1.4
GNI	Garni	13.60 71	eP	P	04 39 09.9 -1.4
ZEI	Tsey	13.63 60	eP	Pmax	04 39 19.4 +7.7
ZEI					Pmax
SVCC					Pmax
SOP	Sopron	13.63 326	P	P	04 39 12.0 +0.3
NIE	Niedzica	13.67 339	eP	P	04 39 12.4 +0.3
RSM	Repubblica di	13.68 306	P	P	04 39 11.5 +0.8
JAVS	Javornik	13.71 315	ePn	P	04 39 10.9 -0.7
ZST	Bratislava	13.73 328	ePN	P	04 39 12.7 -1.0
ZST					04 41 27.9
ARSA	Arzberg	13.81 322	i P	P	04 39 13.1 -0.9
OBKA	Obir	13.82 318	i P	P	04 39 13.0 -1.1
AKASG	Malin Array Be	13.84 4	P	Pmax	04 39 11.3 -3.0
AKASG					Pmax
AKASG	Malin Array Be	13.84 4	Pn	P	04 39 11.2 -3.1
AKASG	comp=Z,1.6nm,0.3s,baz=184,slow=13,SNR=47				Pmax
CRE	Caprese Michel	13.88 304	P	P	04 39 15.6 +0.6
VOY	Vojsko	13.88 315	ePn	P	04 39 13.2 -1.8
VOY					04 39 15.4 -1.4
VOY					04 39 24.1
SMOL	Smolenice	13.90 330	eP	P	04 39 26.9 +1.2
TIZ	Plekhanov	13.93 65	eP	P	04 39 23.4 +7.8
BHD	Baghdad	13.99 100	eP	S	04 39 04.0 -1.2
BHD					04 41 45.0 -7.2
BHD					04 45.0
BHD					eLR
BHD					LR
GOF	Gofitskoye	14.04 50	i P	Pmax	04 39 28.0 +1.1
GOF					Pmax
GOF	comp=Z,34nm,1.2s				MLR
GOF	comp=Z,3µm,14.0s				MLR
SFI	Santa Sofia	14.07 305	P	P	04 39 17.3 -0.1
PGD	Poggio Sodo	14.14 305	P	P	04 39 17.4 -0.9
VMG	Vicchio	14.29 305	P	P	04 39 20.6 +0.3
GMNA	Gemona	14.39 315	eP	P	04 39 21.1 -0.6
PTCC	Patocco-Chiusa	14.41 316	P	P	04 39 20.2 -1.6
SEI	Scarpéria	14.45 305	P	P	04 39 24.7 +2.3
OJC	Ojcow	14.54 339	i P	P	04 39 31.0 +7.5
OJC					04 39 40.2 +5.2
OJC					eP
OJC					MLR
OJC					MLR
OKC	Ostrava-Krasne	14.73 335	eP	P	04 39 26.4 +0.4
OKC					x
OKC					AMS
OKC	comp=Z,3µm,13.7s				AMS
VSL	Villasalto	14.78 286	eP	P	04 39 26.5 -0.2
VSL	Villasalto	14.78 286	eP	P	04 39 26.5 -0.2
KBA	Koelnbreinspre	14.82 318	i P	P	04 39 27.0 -0.2
KBA	Koelnbreinspre	14.82 318	i P	Pmax	04 39 27.0 -0.2
KBA					Pmax
FVI	Forni Avottri	14.84 315	P	P	04 39 27.4 -0.1
MCA	Molin	14.84 322	P	P	04 39 28.8 +1.3
VRAC	Vranov	14.87 330	Pn	P	04 39 26.6 -1.3
VRAC	baz=134,slow=12,SNR=10				
PII	Piza	14.88 303	P	P	04 39 29.5 +1.5
MORC	Moravsky Berou	14.89 333	eP	P	04 39 26.6 -1.5
MORC	Moravsky Berou	14.89 333	eP	P	04 39 26.5 -1.6
RAC	Raciborz	14.92 335	eP	P	04 39 35.9 -3.0
RAC					LME
RAC					MLR
RAC					MLN
RAC					04 46 46.8
BDI	Bagni Di Lucca	14.96 304	P	P	04 39 30.1 +1.1
VLC	Villacollemand	15.13 304	P	P	04 39 31.2 -0.2
VLC	Villacollemand	15.13 304	P	P	04 39 31.2 -0.2
VLC	comp=Z,39nm,1.1s				
CTI	Castel Trovato	15.19 312	P	P	04 39 31.5 -0.6
SEST	Monte Rota	15.24 315	P	P	04 39 35.1 +2.3
BACM	Bacini	15.39 304	P	P	04 39 35.2 +0.5
BACM					04 39 35.2 +0.5
GRAM	Gramsci	15.47 305	P	P	04 39 36.9 +1.1
GRAM					04 39 36.9 +1.1
BRES	Bressanone	15.49 314	P	P	04 39 35.0 -0.4
PGF	Pioggiola	15.57 297	eP	P	04 39 37.0 -0.1
PGF	Pioggiola	15.57 297	eP	P	04 39 37.0 -0.1
PGF	comp=Z,245nm,1.2s				Pmax
PGF					Pmax
SAL	Salo	15.66 309	P	P	04 39 37.0 -1.2
APPI	Appiano	15.67 313	P	P	04 39 39.4 +1.1
GE2C	GERESS Array S	15.80 324	eP	P	04 39 42.8 +2.9
GE2C					Pmax
GE2C	comp=Z,212nm,1.4s				Pmax
GE2C	GERESS Array S	15.80 324	eP	P	04 39 42.8 +2.9
GERES	GERESS Array B	15.80 324	Pn	P	04 39 38.7 -1.2
GERES	comp=Z,0.2nm,0.3s,baz=135,slow=9.4,SNR=3.4				PcP
GERES	comp=Z,0.2nm,0.3s,baz=166,slow=2.3,SNR=5.9				PcP
GERES					SgP
GERES	comp=Z,0.1nm,0.3s,baz=180,slow=1.3,SNR=6.2				PcP
GERES	GERESS Array B	15.80 324	Pn	P	04 44 38.3 -1.6
DPC	Dobruska-Polom	15.81 332	eP	P	04 39 39.9 -0.2
DPC					AMS
DPC					AMS
WTTA	Wattenberg	15.87 316	i P	P	04 39 41.3 +0.5
WTTA	Wattenberg	15.87 316	i P	P	04 39 41.3 +0.5
WTTA					Pmax
WTTA	comp=Z,23nm,0.9s				Pmax
MABI	Malgas Bissina	15.88 311	P	P	04 39 43.0 +2.0
WATA	Walderalm	15.94 316	i P	P	04 39 41.6 -0.2
WATA	Walderalm	15.94 316	i P	P	04 39 41.6 -0.2
WATA					Pmax
WATA	comp=Z,28nm,0.7s				Pmax
BOB	Bobbio (Coli)	15.99 305	P	P	04 39 43.6 +1.2

KHC	Kasperske Hory	16.05 324	eP	P	04 39 43.2 0.0
KHC					04 39 47.5
KHC					04 39 58.5
KHC	Kasperske Hory	16.05 324	eP	P	04 39 43.2 0.0
KHC					04 39 47.5
KHC					04 39 58.5
KHC					AMS
KHC					AMS
UPC	Udice	16.05 332	eP	P	04 39 42.4 -0.8
SQTA	Sankt Quirin	16.08 315	i P	P	04 39 43.4 -0.2
SQTA	comp=Z,19nm,0.7s				
SQTA	Sankt Quirin	16.08 315	i P	P	04 39 43.4 -0.2
SQTA					Pmax
WAR	Warsaw	16.09 345	eP	MLR	04 39 47.1 +3.5
WAR					04 45 19.3
BRMO	Bormio	16.17 312	P	P	04 39 45.7 +1.0
MOTA	Moosalm	16.21 315	i P	P	04 39 46.1 +0.9
MOTA	Moosalm	16.21 315	i P	P	04 39 46.1 +0.9
MOTA					Pmax
MOTA	comp=Z,35nm,0.9s				Pmax
KSP	Ksiaz	16.22 333	eP	S	04 39 44.8 -0.5
KSP					04 42 49.0 +4.5
KSP	Ksiaz	16.22 333	eP	P	04 39 50.5 -0.5
KSP					04 39 49.6
KSP					04 39 56.2
KSP					S
KSP	Ksiaz	16.22 333	eP	MLR	04 42 49.0 +4.5
KSP					04 39 45.8 +0.5
KSP					04 47 06.1
PRU	Pruhonice	16.25 328	eP	AMS	04 39 44.0 -1.6
PRU					AMS
PRU					AMS
PRU	comp=Z,4µm,11.7s				AMS
WET	Weitzell	16.35 328	AMS	AMS	04 37 20.0 +1.0
WET					AMS
WET	Weitzell	16.40 323	eP	Pmax	04 39 48.9 +1.3
WET					Pmax
WET	comp=Z,164nm,1.4s				Pmax
WET	Weitzell	16.40 323	eP	P	04 39 48.9 +1.3
WET	comp=Z,22nm,1.4s				Pmax
PCP	Pian Castagno	16.50 304	P	P	04 39 48.7 -0.2
FUR	Furstenfeldbr	16.59 318	eP	P	04 39 52.4 +2.4
FUR					Pmax
FUR	comp=Z,135nm,1.4s				Pmax
FUR	Furstenfeldbr	16.59 318	eP	P	04 39 52.4 +2.4
FUR	comp=Z,68nm,1.4s				Pmax
FIN	Finale Ligure	16.61 302	P	P	04 39 49.8 -0.6
DAVOX	Davos	16.62 312	Pn	P	04 39 50.0 -0.4
DAVOX	comp=Z,0.4nm,0.3s,baz=116,slow=7.7,SNR=26				Pmax
PVCC	Panska Ves	16.64 329	eP	P	04 39 50.5 -0.2
PVCC					x
PVCC					AMS
PVCC					AMS
IMI	Imperia	16.74 301	P	P	04 39 52.5 +0.6
IMI	Imperia	16.74 301	P	P	04 39 52.5 +0.6
CAEH	'Ain El Ouahch	16.83 276	P	P	04 39 50.0 +1.8
NEGI	Negi	16.85 301	P	P	04 39 53.3 0.0
NEGI	Negi	16.85 301	P	P	04 39 53.3 0.0
ROB	Roburent	16.87 302	eP	P	04 39 52.7 -0.9
ROB					04 39 54.6 +0.9
DAVA	Damuels	16.88 314	i P	P	04 39 54.6 +0.9
VAI	Varese	16.88 308	P	P	04 39 55.2 +1.5
MONI	Monesi	16.88 301	P	P	04 39 53.1 -0.6
MONI	Monesi	16.88 301	P	P	04 39 53.1 -0.6
UBR	Ubersruh	16.96 315	eP	P	04 39 57.7 +1.0
UBR	Ubersruh	16.96 315	eP	P	04 39 56.9 +2.2
CKFL	Kef-Lehkel	16.99 275	P	P	04 39 55.7 +2.4
SAOF	Saorge	16.99 301	eP	P	04 39 55.7 +0.6
SBF	Sospe	17.04 300	eP	P	04 39 55.7 0.0
SBF	comp=Z,705nm,1.3s				Pmax
SBF	Sospel	17.04 300	eP	P	04 39 55.7 0.0
SBF					Pmax
REV	Revere	17.05 300	eP	P	04 39 55.8 0.0
AUTN	Autun	17.08 301	eP	P	04 39 57.9 +1.6
ENTR	Entracque	17.16 302	P	P	04 39 57.6 +0.4
BRG	Bergjesshubel	17.16 329	i P	P	04 39 59.1 +1.9
BRG					Pmax
BRG	comp=Z,110nm,1.5s				Pmax
BRG	Bergjesshubel	17.16 329	i P	P	04 39 59.1 +1.9
BRG	comp=Z,110nm,1.5s				Pmax

Table with columns: SMF, Signal de Mont, 20.33 306, eP, P, 04 40 34.4 -0.3, etc. Lists various stations and their frequencies.

Table with columns: MUD, Alkurruntz, 23.29 295, P, P, 04 41 05.2 +0.9, etc. Lists various stations and their frequencies.

Table with columns: ELOB, Lobios, 28.08 291, P, P, 04 41 50.4 +1.1, etc. Lists various stations and their frequencies.

Table with columns: SUR, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Urumqi, Koldanda, Gorkha, etc.

Table with columns: SUR, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Sutherland, Bilibino, Kul'dur, etc.

Table with columns: BLO, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Bloomington, DLBC, Dease Lake, etc.

ATH 11 04:44:31.5, 97.02N, 28.13E, h10km, MD3.2/3
CSEM 11 04:44:33.0, 1.9, 98.98N, 27.85E, h20km, MD3.3, Error
ellipse: s-maj=2.3km s-min=1.4km az=62.0
ISK 11 04:44:33.3, 36.93N, 27.80E, h21km, MD3.0
ISC 11 04:44:34.0, 0.6, 36.94N, 0.04, 27.82E, 0.05, h24km, 6km,
n19, c06/25, Dodecanese Islands

11d 5h

2005 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, LZH, XP, sP, 05 03 10.0 +11, 05 04 25.7 +0.9, OBN, Obninsk, 84.44 325c, P, P, 05 07 29.7 +0.8, 05 10 48.5

Table with columns: LZH, XP, sP, 05 03 10.0 +11, 05 04 25.7 +0.9, OBN, Obninsk, 84.44 325c, P, P, 05 07 29.7 +0.8, 05 10 48.5

Table with columns: OBN, Obninsk, 84.44 325c, P, P, 05 07 29.7 +0.8, 05 10 48.5

IDC 11 04:52:36.8:1.0, 6.53N-92.52E, mb4,1/11, mb1 4.3/12, mb1mx4.1/22, mbtmp4.1/12, Error ellipse: s-maj=47.1km s-min=18.6km az=44.0

NEIC 11 04:52:41.0:0.6, 6.30N-92.37E, h30km, mb4,4/4, Error ellipse: s-maj=19.3km s-min=10.9km az=55.0

ISC 11 04:52:39.3:0.8, 6.4N:0.1-92.4E:0.1, h30km, n17, 0597/16, mb2/13, Nicobar Islands region

IDC 11 04:52:36.8:1.0, 6.53N-92.52E, mb4,1/11, mb1 4.3/12, mb1mx4.1/22, mbtmp4.1/12, Error ellipse: s-maj=47.1km s-min=18.6km az=44.0

NEIC 11 04:52:41.0:0.6, 6.30N-92.37E, h30km, mb4,4/4, Error ellipse: s-maj=19.3km s-min=10.9km az=55.0

ISC 11 04:52:39.3:0.8, 6.4N:0.1-92.4E:0.1, h30km, n17, 0597/16, mb2/13, Nicobar Islands region

IDC 11 04:52:36.8:1.0, 6.53N-92.52E, mb4,1/11, mb1 4.3/12, mb1mx4.1/22, mbtmp4.1/12, Error ellipse: s-maj=47.1km s-min=18.6km az=44.0

NEIC 11 04:52:41.0:0.6, 6.30N-92.37E, h30km, mb4,4/4, Error ellipse: s-maj=19.3km s-min=10.9km az=55.0

ISC 11 04:52:39.3:0.8, 6.4N:0.1-92.4E:0.1, h30km, n17, 0597/16, mb2/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, CMAR, Chiang Mai Arr, 13.58 27, P, P, 04 55 54.4 +1.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, SONM, Songoing Array, 44.27 30, P, P, 05 03 10.9 +0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, FINES, FINESS Array B, 89.00 32, P, P, 05 07 52.2 -0.2

CSEM 11 04:55:04.8, 6.80N:127.47E, h33km, mb5.5

MOS 11 04:55:16.7:1.1, 6.97N-126.71E, h179km, mb5.1/15, Error ellipse: s-maj=29.2km s-min=9.9km az=117.7

MAN 11 04:55:18.7, 6.86N:126.68E, h153km, mb4.9, ML3.8, W3.9

BUI 11 04:55:19.1, 6.98N:126.65E, h197km, mb4.8, mb4.7

IDC 11 04:55:20.3:0.9, 6.99N-126.70E, h192km, mb4.3/25, mb1 4.4/26, mb1mx4.4/28, mbtmp4.8/26, Error ellipse: s-maj=16.7km s-min=8.5km az=73.0

NEIC 11 04:55:21.2:1.7, 6.93N-126.59E, h203km, mb4.8/25, Error ellipse: s-maj=10.8km s-min=5.2km az=70.0

ISC 11 04:55:16.8:0.4, 6.94N:0.04-126.70E:0.06, h177km, 3km, h206km, 6.0km: p-P, n18, 01200/125, mb4.8/67, 4C-7D,

CSEM 11 04:55:04.8, 6.80N:127.47E, h33km, mb5.5

MOS 11 04:55:16.7:1.1, 6.97N-126.71E, h179km, mb5.1/15, Error ellipse: s-maj=29.2km s-min=9.9km az=117.7

MAN 11 04:55:18.7, 6.86N:126.68E, h153km, mb4.9, ML3.8, W3.9

BUI 11 04:55:19.1, 6.98N:126.65E, h197km, mb4.8, mb4.7

IDC 11 04:55:20.3:0.9, 6.99N-126.70E, h192km, mb4.3/25, mb1 4.4/26, mb1mx4.4/28, mbtmp4.8/26, Error ellipse: s-maj=16.7km s-min=8.5km az=73.0

NEIC 11 04:55:21.2:1.7, 6.93N-126.59E, h203km, mb4.8/25, Error ellipse: s-maj=10.8km s-min=5.2km az=70.0

ISC 11 04:55:16.8:0.4, 6.94N:0.04-126.70E:0.06, h177km, 3km, h206km, 6.0km: p-P, n18, 01200/125, mb4.8/67, 4C-7D,

CSEM 11 04:55:04.8, 6.80N:127.47E, h33km, mb5.5

MOS 11 04:55:16.7:1.1, 6.97N-126.71E, h179km, mb5.1/15, Error ellipse: s-maj=29.2km s-min=9.9km az=117.7

MAN 11 04:55:18.7, 6.86N:126.68E, h153km, mb4.9, ML3.8, W3.9

BUI 11 04:55:19.1, 6.98N:126.65E, h197km, mb4.8, mb4.7

IDC 11 04:55:20.3:0.9, 6.99N-126.70E, h192km, mb4.3/25, mb1 4.4/26, mb1mx4.4/28, mbtmp4.8/26, Error ellipse: s-maj=16.7km s-min=8.5km az=73.0

NEIC 11 04:55:21.2:1.7, 6.93N-126.59E, h203km, mb4.8/25, Error ellipse: s-maj=10.8km s-min=5.2km az=70.0

ISC 11 04:55:16.8:0.4, 6.94N:0.04-126.70E:0.06, h177km, 3km, h206km, 6.0km: p-P, n18, 01200/125, mb4.8/67, 4C-7D,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, MATI, Mati, 0.44 271, eP, S, 04 55 41.4 0.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, AAK, Ala-Archa, 24.58 349, P, P, 05 00 20.8 -1.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, OJC, Ojcow, 0.32 79, ePg, Sg, 05 19 48.0 -0.3

CTA Charters Tower 33.04 145, P, P, 05 01 38.7 +1.1

CTA Charters Tower 33.04 145, P, P, 05 01 38.7 +1.1

WEL 11 05:20:05.8:0.7, 38.33S-176.32E, h153km, 5km, ML3.6/8, Error ellipse: s-maj=15.3km s-min=7.5km az=90.0

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Americas 2, Managua, JEF, XAVN, APYV, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like Chiang Mai Arr, CMAH, DJA, KEDI, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like BVAR, ASAR, WRA, ZAL, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAILYAN (Mudla), NISIR, ARG, FETIYE, SMG, DENT, KARPATHOS, IZM, BLCB, ELL, APE, AKS, ISP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUWZ, QRZ, QRZ, BSWZ, BSWZ, PUZ, PUZ, THZ, THZ, THZ, etc.

ATH 11 07:27:41.3, 36.95N-27.91E, h28km, 1km, MD3.3/5
ISK 11 07:27:41.8, 36.85N-27.77E, h28km, MD3.3
NEIC 11 07:27:41.3, 36.95N-27.91E, h28km, MD3.3(ATH), After ATH.

NEIC 11 07:45:17.0: 1.1, 2.59N-95.86E, h30km, mb4.5/3, Error ellipse: s-maj=2.8km s-min=1.4km az=66.0
ISC 11 07:45:14.6: 1.6, 2.6N-92.95E, 0.3, h30km, n8, 0.0545/8, MB4.0/7, Off west coast of northern Sumatra

ISC 11 08:31:28.9: 0.6, 3.02N-10.96E, 0.1, h33km, n30, 0.0562/23, mb4.5/25, MS3.8/1, C, Northern Sumatra

ISC 11 07:27:42.7: 0.9, 36.91N-0.07: 27.87E, 0.05, h52km, 21km, 1122, 0.1918/134, mb3.9/5, 11, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSLB Milas, NISR Nisiros, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SSF Saint Sauge, SSF Saint Sauge, AVF Avril sur Loir, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATH, MSLB Milas, NISR Nisiros, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Borovoye, Mina Array Bay, Port Blair, Chiang Mai Arr, etc.

11d 11:04:28.3-0.8, 12.83N-92.35E, mb4.0/9, mb1 4.1/10, mb1mx3.4/19, mbtmp4.0/10, ML4.1/1, MS3.4/2, MS1 3.5/2, ms1mx3.2/18, Error ellipse: s-maj=37.1km s-min=16.4km az=53.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Chiang Mai Arr, Bhubaneswar, Hyderabad, etc.

11d 11:04:10.4-1.6, 5.07N-93.20E, mb3.7/5, mb1 3.9/6, mb1mx3.8/18, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=60.4km s-min=25.4km az=59.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Hyderabad, Songoing Array, etc.

11d 11:04:59.3, 36.92N-28.04E, h11km, MD3.1/ATH, NEIC 11 11:04:59.3, 36.92N-28.04E, h11km, MD3.1(ATH), After ATH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Hyderabad, Songoing Array, etc.

11d 11:05:02.5-0.1, 36.97N-27.80E, h10km, MD3.0, Error ellipse: s-maj=3.0km s-min=2.0km az=29.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Chiang Mai Arr, Hyderabad, etc.

11d 11:07:32.7, 36.96N-28.04E, h23km, MD3.0/ATH, NEIC 11 11:07:32.7, 36.96N-28.04E, h23km, MD3.0(ATH), After ATH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Borovoye Array, Warramunga Arr, etc.

11d 11:06:05.8-2.9, 16.54N-101.26E, mb3.9/3, mb1 4.1/4, mb1mx3.8/9, mbtmp3.9/4, ML3.2/1, MS3.5/4, Ms1 3.4/4, ms1mx3.0/14, Error ellipse: s-maj=63.8km s-min=31.4km az=169.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Wether Hill Ro, Mauva Lakes, etc.

11d 11:29:17.0-6.8, 9.56S-147.74E, h135km, 73km, mb3.5/2, mb1 3.9/4, mb1mx3.5/13, mbtmp4.1/4, Error ellipse: s-maj=120.0km s-min=30.4km az=132.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Wether Hill Ro, Mauva Lakes, etc.

11d 11:29:50.4-1.4, 10.67N-91.71E, mb3.9/5, mb1 4.1/6, mb1mx3.9/18, mbtmp3.9/6, ML3.7/1, Error ellipse: s-maj=46.5km s-min=21.9km az=53.3

ellipse: s-maj=22.0km s-min=11.7km az=68.0
ISC 11 11:29:53.4 0.7, 10.87N, 0.07-91.98E, 0.08, h30km, n14,
o#893/15, mb4.2/9, 1C, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Chiang Mai Arr, Vishakhapatnam, Enshi, Sonm, Fitzroy Crossi, Borovoye Arr, CHZK, WRA, WRAB, WB2, ASPA, Alice Springs, GERES, GHESS Arr.

ISC 11 11:49:02.4 7.5, 47.86S, 164.39E, mb3.9/3, mb1 4.2/3,
mb1mx3.8/8, mbtmp3.9/3, Error ellipse: s-maj=627.9km
s-min=11.9km az=44.0, Off west coast of South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, WRA, CMAR.

ISC 11 11:58:43.8 3.5, 5.57S, 146.44E, h90km, 33km, mb3.6/5,
mb1 3.9/8, mb1mx3.9/13, mbtmp4.1/8, MS3.5/2, Ms1 3.5/2,
ms1mx2.8/15, Error ellipse: s-maj=46.7km s-min=22.8km
az=76.0

NEIC 11 11:58:45.3 2.2, 5.53S, 146.30E, h99km, 20km, mb4.6/4,
Error ellipse: s-maj=21.0km s-min=17.8km az=65.0

ISC 11 11:58:42.8 2.6, 5.65S, 0.1, 146.4E, 0.2, h98km, 23km, n19,
o#63/20, mb4.0/6, Eastern New Guinea region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, PMG, CTM, WRA, WRAB, WB2, ASPA, FITZ, STKA, JOW, CMAR, SONM, VANDA, GUC.

GUC 11 11:59:43.5 0.6, 23.07S, 67.43W, h247km, 8km, ML3.9, 2C,
Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like San Pedro de A, LVC, ANCH, CPN1.

ISC 11 12:08:14.1 0.7, 9.08N, 91.96E, mb4.3/15, mb1 4.4/16,
mb1mx4.2/23, mbtmp4.2/16, ML3.7/1, MS3.2/2, Ms1 3.3/2,
ms1mx2.9/22, Error ellipse: s-maj=34.8km s-min=15.2km
az=52.0

BUI 11 12:08:16.4 0.8, 9.98N, 92.19E, h34km, mb4.6, mb4.4, Ms4.3,
Ms4.1

MOS 11 12:08:16.8 0.8, 9.06N, 92.06E, h33km, mb4.8, Error
ellipse: s-maj=15.9km s-min=9.5km az=101.7

NEIC 11 12:08:18.4 0.3, 9.08N, 92.02E, h30km, mb4.8, Error
ellipse: s-maj=10.1km s-min=6.5km az=48.0

ISC 11 12:08:16.3 0.5, 9.05N, 0.07-92.05E, 0.07, h30km, n59,
o#94/6/1, mb4.2/28, MS4.2/3, 1C-5D, Nicobar Islands
region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, VIS, HYB, SHL, JIRN, PUKI, GUMBA, KKN, GKN, KOLD.

LSA Lhasa 20.56 358 P P 12 12 55.0 -0.3
LSA Lhasa 20.56 358 eP P 12 12 55.2 -0.1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like LSA, ENH, NJZ, WMQ, SSE, WRA, WRAB, WB2, ASPA, Alice Springs, GERES, GHESS Arr.

ISC 11 12:18:00.36, 30.30N, 142.00E, h11km, Mw3.6 Best double
occur: M3.35x1014 NP1, 9s10, 881, 7.86, NP2, 9s214,
delta 10, 1.14

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, WRA, CMAR.

ISC 11 12:18:59.7 0.1, 1.6, 37N, 125.57E, mb3.6/4, mb1 3.7/4,
mb1mx3.6/17, mbtmp3.6/4, Error ellipse: s-maj=185.2km
s-min=20.9km az=72.0

MAN 11 12:19:02.7 6.42N, 126.17E, h4km, mb4.6, ML3.5, MS3.5
ISC 11 12:18:58.3 0.8, 6.21N, 0.05-126.38E, 0.08, h10km, n11,
o#19/11/15, mb3.8/5, 1C-1D, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like MATI, KCP, BIPH, BUKP, PAGZ, SCPH, WRA, ASAR, STKA, ARS.

ATH 11 12:41:02.6 36.91N, 27.81E, h32km, MD2.9/4
CSEM 11 12:41:02.9 0.2, 36.98N, 27.78E, h15km, MD3.1, Error
ellipse: s-maj=6.1km s-min=2.8km az=50.0

ISC 11 12:41:02.4 36.97N, 27.74E, h12km, MD3.1
NEIC 11 12:41:02.6 36.91N, 27.81E, h32km, MD2.9(A)H, After
ATH

ISC 11 12:41:01.8 1.5, 36.92N, 0.06-27.7E, 0.1, h8km, n16km, n8,
o#58/10, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like MILS, NISRO, DALY, ARK, SMG, KARP, BLCB, AKS.

ISC 11 12:43:40.2 2.0, 5.78S, 149.07E, mb3.2/3, mb1 3.6/4,
mb1mx3.4/13, mbtmp3.3/4, ML1.9/1, Error ellipse:
s-maj=121.9km s-min=28.0km az=122.0, New Britain
region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, PMG, WRA, ASAR, ILAR.

SFS 11 12:52:39.0 37.75N, 3.20W
NEIC 11 12:52:39.4 36.76N, 3.20W, MN2.5(MDD), After MDD.
CSEM 11 12:52:40.9 0.2, 36.86N, 3.12W, h2km, mb2.5

MDD 11 12:52:39.0 36.76N, 3.12W, h2km, mb2.5/19, 1C, Error
ellipse: s-maj=6.8km s-min=1.5km az=1.0, PRXIMO,
Strait of Gibraltar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Berja, EBER, ERON, ENJ, ELOJ, EMAL, EQES.

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like MILS, NISRO, DALY, ARK, SMG, KARP, BLCB, AKS.

NIED 11 12:18:00.36, 30.30N, 142.00E, h11km, Mw3.6 Best double
occur: M3.35x1014 NP1, 9s10, 881, 7.86, NP2, 9s214,
delta 10, 1.14

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Chosi, Hitachi, Boso 1, Boso 3, Ashikaga, Katsushina, Matsushiro.

ISC 11 12:18:55.4 1.1, 6.37N, 125.57E, mb3.6/4, mb1 3.7/4,
mb1mx3.6/17, mbtmp3.6/4, Error ellipse: s-maj=185.2km
s-min=20.9km az=72.0

MAN 11 12:19:02.7 6.42N, 126.17E, h4km, mb4.6, ML3.5, MS3.5
ISC 11 12:18:58.3 0.8, 6.21N, 0.05-126.38E, 0.08, h10km, n11,
o#19/11/15, mb3.8/5, 1C-1D, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like MATI, KCP, BIPH, BUKP, PAGZ, SCPH, WRA, ASAR, STKA, ARS.

ATH 11 12:41:02.6 36.91N, 27.81E, h32km, MD2.9/4
CSEM 11 12:41:02.9 0.2, 36.98N, 27.78E, h15km, MD3.1, Error
ellipse: s-maj=6.1km s-min=2.8km az=50.0

ISC 11 12:41:02.4 36.97N, 27.74E, h12km, MD3.1
NEIC 11 12:41:02.6 36.91N, 27.81E, h32km, MD2.9(A)H, After
ATH

ISC 11 12:41:01.8 1.5, 36.92N, 0.06-27.7E, 0.1, h8km, n16km, n8,
o#58/10, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like MILS, NISRO, DALY, ARK, SMG, KARP, BLCB, AKS.

ISC 11 12:43:40.2 2.0, 5.78S, 149.07E, mb3.2/3, mb1 3.6/4,
mb1mx3.4/13, mbtmp3.3/4, ML1.9/1, Error ellipse:
s-maj=121.9km s-min=28.0km az=122.0, New Britain
region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, PMG, WRA, ASAR, ILAR.

SFS 11 12:52:39.0 37.75N, 3.20W
NEIC 11 12:52:39.4 36.76N, 3.20W, MN2.5(MDD), After MDD.
CSEM 11 12:52:40.9 0.2, 36.86N, 3.12W, h2km, mb2.5

MDD 11 12:52:39.0 36.76N, 3.12W, h2km, mb2.5/19, 1C, Error
ellipse: s-maj=6.8km s-min=1.5km az=1.0, PRXIMO,
Strait of Gibraltar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Berja, EBER, ERON, ENJ, ELOJ, EMAL, EQES.

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1
ISC 11 12:14:00.4 1.0, 37.01N, 27.90E, h17km, MD3.1

Table with columns: PLUG, Station Name, Frequency, Power, Mode, and Time/Res. Includes entries for Platanillo and Sbr.

ATH 11 14:13:38.2, 36.93N-27.90E, h31km, 4km, MD3.2/4
CSEM 11 14:13:38.7, 0.1, 36.97N-27.85E, h15km, MD3.3, Error
ellipse: s-maj=1.8km s-min=2.3km az=68.0

NEIC 11 14:13:38.2, 36.93N-27.90E, h31km, MD3.2(ATH), After
ATH.
ISK 11 14:13:39.0, 36.98N-27.81E, h17km, MD3.3

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Milas, Nisiro, Dalian, etc.

IDC 11 14:14:27.4, 1.4, 7.43N-93.76E, h22km, 5km, mb3.5/5,
mb1 3.7/6, mb1mx3.5/18, mbtmp3.6/6, ML3.2/1, Error
ellipse: s-maj=53.4km s-min=18.8km az=63.0

NEIC 11 14:14:27.6, 1.1, 7.34N-93.74E, mb4.0/1, Error ellipse:
s-maj=34.3km s-min=15.0km az=71.0

ISC 11 14:14:25.9, 3.7, 7.4N-91.93E, 3.2, h23km,
h23qr, 1.1km, pP-P, n7, o9s9/7, mb3.7/6, Nicobar Islands
region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Chiang Mai Arr, LSA, Sonm, etc.

DJA 11 14:20:49.0, 1.0, 8.39S-116.84E, h33km, MD5.1/4,
ML4.4/2, 2C-5D, Error ellipse: s-maj=39.2km
s-min=20.7km az=178.0, Sumbawa region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Kedondong, RATI, KELI, etc.

BJI 11 14:21:26.6, 4.85N-94.46E, h41km, mb4.6, mb4.4, Ms4.6,
Ms4.2

NEIC 11 14:21:29.7, 0.8, 5.11N-94.17E, h30km, mb4.5/6, Error
ellipse: s-maj=28.7km s-min=13.3km az=61.0

NEIC Felt [I] at Banda Aceh.
IDC 11 14:21:37.6, 10.0, 5.39N-94.53E, h90km, 87km, mb3.9/8,
mb1 4.1/8, mb1mx3.8/18, mbtmp4.2/8, ML5.8/1, MS2.8/1,
Ms1 3.0/1, ms1mx1.9/20, Error ellipse: s-maj=69.8km
s-min=16.3km az=57.0

ISC 11 14:21:28.3, 0.8, 5.1N-0.1, 94.3E, 0.2, h30km, n25,
o9s9/26, mb4.4/21, MS4.5/1, Northern Sumatera

Large table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists numerous stations including CMAR, JIRN, PKI, etc.

ATH 11 14:24:11.3, 36.89N-27.78E, h5km, MD3.1/4
CSEM 11 14:24:11.5, 0.1, 36.96N-27.70E, h10km, MD3.0, Error
ellipse: s-maj=2.7km s-min=2.3km az=96.0

NEIC 11 14:24:11.3, 36.89N-27.78E, h5km, MD3.1(ATH), After
ATH.
ISK 11 14:24:12.1, 36.98N-27.71E, h14km, MD3.3

ISC 11 14:24:12.3, 0.7, 36.93N-0.03, 27.69E, 0.04, h13km, 5km,
n15, o15/22, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Kayabasi, Milas, Nisiro, etc.

IDC 11 14:31:40.8, 1.3, 10.93N-91.94E, mb3.9/8, mb1 4.1/9,
mb1mx3.9/19, mbtmp3.8/9, ML3.2/1, Error ellipse:
s-maj=49.3km s-min=19.7km az=59.0

NEIC 11 14:31:45.9, 0.6, 11.03N-92.04E, h30km, mb4.7/5, Error
ellipse: s-maj=17.9km s-min=9.0km az=62.0

ISC 11 14:31:43.4, 0.6, 10.93N-0.08, 91.91E, 0.09, h30km, n16,
o85/17, mb4.2/13, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Port Blair, PBA, PBA, etc.

IDC 11 14:31:52.3, 16.0, 0.93N-130.01E, mb3.6/3, mb1 3.8/3,
mb1mx3.5/15, mbtmp3.6/3, Error ellipse:
s-maj=257.0km s-min=160.3km az=162.0, Irian Jaya
region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Warrungga Arr, ASAR, STKA, etc.

NEIC 11 14:32:14.4, 1.0, 23.82S-63.61W, h532km, 16km, mb4.2/2,
Error ellipse: s-maj=22.8km s-min=1.1km az=68.0

IDC 11 14:32:15.4, 1.6, 23.50S-63.65W, h528km, 18km, mb3.4/4,
mb1 3.8/7, mb1mx3.5/17, mbtmp4.6/7, Error ellipse:
s-maj=32.5km s-min=23.1km az=18.0

ISC 11 14:32:15.9, 0.8, 23.55S-0.10, 63.7W, 0.1, h543km, 14km,
n19, o89/23, mb3.9/4, 2d, Saita Province

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like LVC, LVC, LVC, etc.

KELI Kelakatan 2.15 274j ePn Pn 14 32 57.7 -0.6

KELI Srdi Scrawed 2.49 267j eSn Sn 14 33 01.7 -1.5

Srdi 1eSn Sn 14 33 29.1 -3.7

ATH 11 14:35:28.3, 36.92N-27.77E, h27km, MD3.2/4
CSEM 11 14:35:28.3, 0.1, 36.98N-27.81E, h15km, MD3.4, Error
ellipse: s-maj=3.1km s-min=2.4km az=86.0

NEIC 11 14:35:28.3, 36.92N-27.77E, h27km, MD3.2(ATH), After
ATH.
ISK 11 14:35:29.3, 0.7, 37.03N-27.81E, h21km, MD3.4

ISC 11 14:35:28.4, 0.6, 36.91N-0.03, 27.75E, 0.04, h15km, 4km,
n24, o15/35, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Kayabasi, Milas, Nisiro, etc.

NEIC 11 15:16:35.4, 2.1, 23.19N-142.51E, h65km, 19km, mb4.9/4,
Error ellipse: s-maj=14.8km s-min=8.4km az=67.0

IDC 11 15:16:40.6, 3.0, 23.16N-142.42E, h114km, 27km,
mb3.7/13, mb1 3.9/14, mb1mx3.8/22, mbtmp4.1/14, Error
ellipse: s-maj=24.8km s-min=13.0km az=89.0

ISC 11 15:16:38.4, 1.5, 23.19N-0.08, 142.3E, 0.2, h107km, 13km,
n28, o15/28, mb4.2/16, Volcano Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Haha-jima-NKT, CBJ, CBJ, etc.

IDC 11 15:38:39.6, 3.1, 5.01N-93.55E, mb3.6/4, mb1 3.9/5,
s-maj=10x3.8km, mbtmp3.6/5, ML4.3/1, Error ellipse:
s-maj=51.68km s-min=24.7km az=66.0, Off west coast
of northern Sumatera

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Chiang Mai Arr, Sonm, WRA, etc.

IDC 11 15:45:27.8, 7.0, 0.23N-100.70E, mb3.4/3, mb1 3.6/4,
mb1mx3.5/16, mbtmp3.4/4, ML3.7/1, Error ellipse:
s-maj=248.5km s-min=25.3km az=65.0, Northern
Sumatra

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Res. Lists stations like Chiang Mai Arr, WRA, WRA, etc.

CSEM 11 15:46:30.4, 0.2, 36.96N-27.84E, h15km, MD3.2, Error
ellipse: s-maj=5.0km s-min=2.2km az=20.0

ATH 11 15:46:31.7, 36.74N-27.44E, h10km, MD3.2
ISK 11 15:46:31.0, 37.07N-27.91E, h12km, MD3.2
ISC 11 15:46:30.1, 0.6, 36.96N-0.05, 27.81E, 0.04, h12km, 6km,
n14, o7/18, Dodecanese Islands

11d 21h

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

Table for ISC 11 21:21:00.5-0.3, 8.6S±0.4, 119.5E±0.4, h233km±63km, n6, c1120/9, 1C-6D, Flores region. Includes stations like KEDI Kedomdong, RATI Rata, RATI Rata, etc.

NEIC 11 21:33:22.8, 31.63S±69.72W, h116km, MD2.8(GUC), After GUC.

GUC 11 21:33:22.8-0.8, 31.63S±69.72W, h116km±14km, MD2.8, ML3.2, 5C-2D, San Juan Province.

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

IDC 11 21:35:45.4±11.0, 3.82N±93.83E, mb3.5/3, mb1 3.8/4, mb1mx3.6/18, mbtmp3.6/4, ML3.9/1, Error ellipse: s-maj=371.7km s-min=33.5km az=69.0.

NEIC 11 21:35:51.8±1.5, 3.66N±93.96E, mb4.4/2, Error ellipse: s-maj=47.7km s-min=14.2km az=68.0.

ISC 11 21:35:49.3±1.7, 3.6N±93.9E±0.3, h33km, n7, c0693/7, mb3.9/5, Off west coast of northern Sumatra.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, WRA Warramunga Arr, etc.

DJA 11 21:37:02.5±1.0, 9.87S±113.80E, h15km, ML3.8/3-5C-2D, Error ellipse: s-maj=22.3km s-min=14.1km az=48.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRDI Scrawed, KELI Kelakatan, RATI Rata, etc.

MOS 11 21:39:50.9±1.4, 36.50N±71.16E, h150km, mb4.2/5, Error ellipse: s-maj=19.9km s-min=9.1km az=102.0.

IDC 11 21:39:51.7±9.5, 36.41N±71.37E, h146km±84km, mb3.5/8, mb1 3.8/10, mb1mx3.5/19, mbtmp4.1/10, Error ellipse: s-maj=43.3km s-min=18.1km az=23.0.

NEIC 11 21:39:51.3±3.0, 36.51N±71.05E, h133km±25km, mb4.1/7, Error ellipse: s-maj=26.4km s-min=14.9km az=209.0.

NNC 11 21:39:55.0±23.0, 37.51N±70.14E, mpv4.4, Error ellipse: s-maj=305.1km s-min=162.8km az=161.0.

ISC 11 21:39:54.4±0.5, 36.64N±0.03±71.46E±0.07, h179km±6km, n60, c0999/67, mb3.9/12, 6C-2D, Afghanistan-Tajikistan border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, CHMS Chumysh, etc.

2005 JAN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOLN Koldanda, GKN Gorkha, KKK Kakani, DMN Daman, etc.

BUI 11 21:46:33.4, 4.75N±94.81E, h49km, mb5.0, mb5.1, Ms4.7, Ms2.4.

MOS 11 21:46:34.1±0.9, 5.28N±94.92E, h33km, mb5.2/25, Error ellipse: s-maj=16.3km s-min=6.7km az=118.4.

HRVD 11 21:46:34.7±0.4, 4.74N±94.63E, h48km±1km, MW5.0/46, Centroid moment Tensor Solution. LP body waves, c35,c55; Mantle waves: s46,c72; Hal duration: 0 Moment tensor: Scale 10^18Nm; M2.70±.16; Mw=1.43±.11; Mw-1.27±.15; Mw-1.31±.09; Mw-1.76±.10; Mw-1.13±.11; Best double couple: M3.38±.1018; NPT1: 316°; S3D: 193°; NIP2: 132°; 860°; 188°; Principal axes: T 3.177, P1g75°, Azm37°; N 0.409, P1g2°, Azm133°; P-3.587, P1g15°, Azm223°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 11 21:46:34.7±0.2, 5.06N±94.79E, h30km, mb5.0/33, Error ellipse: s-maj=9.0km s-min=4.4km az=218.0.

NEIC [V] at Banda Aceh. IDC 11 21:46:37.5±0.7, 5.10N±94.81E, h52km±5km, mb4.5/19, mb1 4.6/20, mb1mx4.5/22, mbtmp4.7/20, Ms4.1/10, Ms1 4.1/10, ms1mx4.0/17, Error ellipse: s-maj=21.6km s-min=12.5km az=15.0.

ISC 11 21:46:35.3±0.2, 5.04N±0.04±94.83E±0.04, h50km, h50km±1.5km, pp-P, n194, c101/195, mb5.0/77, MS4.3/19, 25C-3D, Northern Sumatra.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKK Khon Kaen, CMAR Chiang Mai Arr, CMAR Chiang Mai, etc.

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

Table of station data for the left column, including call signs (e.g., IRK, FORT, ZAL), frequencies, and other technical details.

Table of station data for the middle column, including call signs (e.g., SMOL, ZST, ARCES), frequencies, and other technical details.

Table of station data for the right column, including call signs (e.g., IZM, BLCB, ELL), frequencies, and other technical details.

2005 JAN

ATH 11 21:56:46.6, 37.24N-28.06E, h3km, MD3.2/4
NEIC 11 21:56:46.5, 37.25N-28.08E, h3km, MD3.2(ATH), After ATH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALT, MLSB, FETY, AYDN, BDRM, ARG, ARK, DNZL, DENT, KLI, KAT, KARP, BCK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRDI, KELI, KATI, RATI, KEDI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVLJ, BOJS, VBY, KND, VISS, LEGS, PDKS, JAVS, VOY, OBKA.

CSEM 11 22:26:59.5, 0.1, 36.98N-27.72E, h15km, MD3.2, Error ellipse: s-maj=5.3km s-min=2.4km az=89.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLSB, NLSR, ARG, SMG, DENT, KARP, IZM, AKS.

WEL 11 22:35:04.3, 0.3, 37.84S-176.23E, h202km, 3km, ML3.7/7, 2C-1D, Error ellipse: s-maj=4.3km s-min=4.1km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, MWZ, MGZ, BKZ, NGZ, CNZ, TUZ, FVZ, MOVZ, PUZ, KNZ, VNZ, WAZ, TSZ, IFZ, BIRZ, MRZ, KIW, CAW, MWR, MSWZ, NNZ, ORZ, TZP, KHZ, MOZ.

IDC 11 22:46:20.6, 8.1, 10.30N-92.72E, h23km, 6km, mb3.6/2, mb1 3.7/3, mb1mx3.6/3, mb1mx3.6/3, ML3.8/1, Error ellipse: s-maj=178.1km s-min=44.6km az=97.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Limon Verde, La Paz, BDFB Brasilia, YKA Yellowknife Arr, ASAR Alice Springs, WRA Warrungarra Arr, SONM Sogingo Array, SONM Sado.

IDC 11 23:03:46.0.1.4, 13.89N-91.55E, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.9/7, ML3.8/1, Error ellipse: s-maj=38.1km s-min=25.2km az=41.0

NEIC 11 23:03:50.8.1.2, 13.95N-91.73E, h30km, mb4.0/3, Error ellipse: s-maj=25.2km s-min=17.8km az=187.0

ISC 11 23:03:44.3.0.8, 13.3N.0.1.91.9E.0.1, h30km, n13, c0572/12, mb3.8/7, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, HYB Hyderabad, LLS Lhasa, ENH Enshi, SONM Sogingo Array, ZAL Zalesovo, BVAR Borovoye Array, CHKZ Chkalovo, WRA Warrungarra Arr, BRTR Keskin Array B, GERES GERRSS Array B.

NEIC 11 23:05:27.2, 16.02N-97.63W, h177km, MD3.7(MEX), After MEX.

MEX 11 23:05:27.2.0.5, 16.02N-97.63W, h177km, 10km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, OXX Oaxaca, HUIG Huatulco, CMIG Matias Romero.

PRU 11 23:19:06.4.50.12N, 19.06E

WAR 11 23:18:06.2, 50.10N-19.18E, h0km, ML2.5, Mining Induced, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, RAC Raciborz, OKC Ostrava-Krasne, NIE Niedzica, LIK Likavka, VYH Vyhne, KAC Kacovo, DPC Dobruska-Polom, CRVS Cervencia-Dubn, SMOL Smolenice, KSP Ksiaz, PRU Pruhonice, BRG Berggiesshobel, KHC Kaperske Hory, MOA Molin, NKC Novy Kostel.

IDC 11 23:20:59.1.0.9, 5.24N-94.69E, mb4.1/11, mb1 4.2/12, mb1mx4.0/20, mbtmp4.0/12, ML4.2/1, Error ellipse: s-maj=44.2km s-min=18.3km az=48.0

NEIC 11 23:21:03.0.3.0.6, 4.99N-94.47E, h30km, mb4.4/5, Error ellipse: s-maj=22.5km s-min=11.9km az=58.0

ISC 11 23:21:01.4.0.7, 5.0N.0.1.94.5E.0.1, h30km, n28, c0584/25, mb4.2/22, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, DMN Daman, GUN Gumba, KKN Kakani, GKN Gorkha, LSA Lhasa, KOL Koldanda, SONM Sogingo Array, SONM Sogingo Array, WRA Warrungarra Arr, WRAB Tennant Creek, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, BRTR Keskin Array B, BRTR Keskin Array B, IDI Anioya, FINES FINES Array B, ARCES ARCES Array B, GERES GERRSS Array B, NOA NORSAR Array B, PDAR Pinedale Array, SADO Sadowa, TXAR Lajitas Array.

THE 11 23:21:06.5, 38.69N-20.82E, h10km, ML3.3, ATH 11 23:21:07.2, 38.80N-20.90E, h9km, 4km, MD3.3/7, CSEM 11 23:21:07.9.0.1, 38.78N-20.86E, h2km, MD3.3, Error ellipse: s-maj=2.5km s-min=1.7km az=69.0

NEIC 11 23:21:07.2, 38.80N-20.90E, h9km, MD3.3(ATH), After ATH.

ISC 11 23:21:06.7.0.7, 38.71N.0.0.4.20.80E.0.05, h9km, n25, c1514/33, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, EVR Erytria, RLS Riolos of Patr, IGT Igoumenitsa, IGT Igoumenitsa, JAN Janina, AGG Agios Georgios, KEK Kerkira, LSK Leskovik, LKR Lokris, KZN Kozani, ITM Ithomi, LIT Litokhoron, LIT Litokhoron, XOR Xorichti, NEO Neokhori, FNA Fiorina, AOS Alonnisos, PAIG Palioiri, GRG Griva, SOH Sokhos, KNT Kendrickon, KUR Kuronopolis, SRS Serrai, ALN Alexandroupoli.

NEIC 11 23:29:49.9, 16.49N-93.93W, h136km, MD3.9(MEX), After MEX.

MEX 11 23:29:50.3.0.7, 16.46N-93.93W, h130km, 20km, MD3.9, Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG Comitán, CGIG Huatulco, HUIG Huatulco, OXX Oaxaca.

IDC 11 23:50:58.1.2.5, 4.00N-94.66E, mb3.7/4, mb1 3.9/5, mb1mx3.6/19, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=105.8km s-min=23.4km az=59.0, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array.

IDC 12 00:03:58.2.7.3, 7.6N-95.59E, mb3.7/5, mb1 3.9/6, mb1mx3.7/19, mbtmp3.7/6, ML4.1/1, Error ellipse: s-maj=114.0km s-min=21.9km az=59.0

ISC 12 00:40:02.3.1.2, 3.5N.0.2.95.6E.0.2, h33km, n11, c1828/11, mb4.1/9, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, GUN Gumba, KKN Kakani, GKN Gorkha, KOL Koldanda, WRA Warrungarra Arr, SONM Sogingo Array, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array.

IDC 12 00:09:38.9.2.8, 12.58N-92.27E, mb3.4/2, mb1 3.6/3, mb1mx3.4/18, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=81.8km s-min=31.2km az=84.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, PBA Port Blair, CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warrungarra Arr, WRA Tennant Creek.

JMA 12 00:11:48.1.0.1, 35.54N-140.97E, h42km, 1km, M3.2, NEIC 12 00:11:51.0.2.1, 35.40N-140.83E, h62km, 17km, mb3.9/2, Error ellipse: s-maj=25.9km s-min=15.2km az=79.0, IDC 12 00:11:53.5.2.6, 35.43N-140.77E, h88km, 25km, mb3.3/4, mb1 3.7/7, mb1mx3.4/23, mbtmp3.9/7, MS2.9/1, M1 2.9/1, ms1mx2.7/19, Error ellipse: s-maj=38.9km s-min=21.0km az=100.0, ISC 12 00:11:47.1.0.8, 35.56N.0.0.4.141.10E.0.10, h47km, 6km, n21, c19072/77, mb3.6/6, 1C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHJO Choshi, CHJO Choshi, JCN Nagara, KTR Katsura, BS04 Boso 4, BS04 Boso 4, BS03 Boso 3, BS01 Yosato, JYT Yosato, JAG Ashikaga, JOD Odawara 2, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, MAT Matsushiro, JHJ Hachiojima 2, JHU Hachiojima 2, CBJ Chichi jima, ASAJ Asahikawa, ASAJ Asahikawa, SONM Sogingo Array, ILAR Eielson Array, CHKZ Chkalovo, BRVK Borovoye, WRA Warrungarra Arr, ASAR Alice Springs.

CASC 12 00:15:34.8.2.2, 13.15N-89.45W, h47km, 20km, MD4.0, ML4.2

GCG 12 00:15:34.4, 13.11N-89.71W, h15km, MD4.1, ML4.3

NEIC 12 00:15:34.8, 13.23N-89.43W, h58km, MD3.8(SNET), After SNET.

NEIC Felt [I] at San Salvador.

SSS 12 00:15:34.8, 13.23N-89.43W, h58km, MD3.8, ML4.3

UFR 12 00:15:38.1, 11.59N-89.94W, h18km, MD4.4, ML3.7

INET 12 00:15:38.0, 12.97N-89.17W, h38km, MD4.4, ML3.7

IDC 12 00:15:48.2.38.0, 13.75N-89.20W, h174km, 213km, mb3.0/5, mb1 3.4/5, mb1mx3.1/17, mbtmp3.5/5, Error ellipse: s-maj=363.6km s-min=50.1km az=174.0

ISC 12 00:15:34.2.0.5, 13.21N.0.0.66.82W.0.04, h76km, 5km, n42, c1903/61, mb3.6/4, 8C-2D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNET Serv Nac Est T, LFRS El Faro, BOOS Boqueron, BOOS Boqueron, LFU La Fuente, LCBS La Ceiba, LBRS Las Brisas, LBRS Las Brisas, SBLS San Blas, SNVI San Jose, SNVI San Vicente, SNVI San Vicente, RTR El Retiro, RBDL Rodolfo, VSM San Miguel, VSM San Miguel, BLLM Bellmira, BLLM Bellmira, MTO2 Montecristo 1, MTO2 Montecristo 2, MTO2 Montecristo 2, CAHU Cacacuatique, IXG Ixpaco, IXG Ixpaco.

CNCH Conchagua, NBG Las Nubes, NBG Las Nubes, comp=N.6um, 0.4s, TP2 Tecpan 2, TP2 Tecpan 2, TP2 Tecpan 2, TP3 Telica 3, TP3 Telica 3, MIRM Miramar, MOM4 Momotombo, COPM Copalpete, IMAN Managua, TICN Ticuantepe, TICN Ticuantepe, JCR Jicaral, JCR Jicaral, LCR La Lucha 2, URSC Urasca, BUS Buena Vista, TEIG Tepich, TXAR Lajitas Array, PDAR Pinedale Array, SCHG Schefferville, YKA Yellowknife Arr, YKA Yellowknife Arr, ILAR Eielson Array.

NEIC 12 00:25:26.6, 32.12S-69.62W, h149km, MD3.8(GUC), After GUC.

GUC 12 00:25:26.6.0.7, 32.12S-69.62W, h149km, 8km, MD3.8, ML3.4, 4C-1D, Mendoza Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JACH Jahuel, JACH Jahuel, PTCH Petorca, PTCH Petorca.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FCH Farellones, PEL Peldehue, ILCH Ilipalp, etc.

ISC 12 00:45:10.8-0.7, 46.39N-0.04:15.10E:0.06, n8, c059/11, 2C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PERS Pernice, GROS Grobnik, PDKS Podkum, etc.

ISC 12 00:53:14.7-7.2, 1.17N, 127.99E, h136km, mb4.74km, mb3.6/7, mb1 3.7/7, mb1mx3.5/1.7, mbtmp4.0/7, Error ellipse: s-maj=81.3km s-min=15.5km az=77.0, Northern Molucca Sea

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

ISC 12 00:59:18.0-0.7, 13.56N-92.76E, mb4.0/12, mb1 4.1/13, mb1mx3.9/20, mbtmp3.9/13, ML3.6/1, MS3.4/1, Ms1 3.6/1, ms1mx3.2/19, Error ellipse: s-maj=28.9km s-min=15.3km az=49.0

NEIC 12 00:59:22.0-2.0, 13.48N-92.65E, h30km, mb3.9/4, Error ellipse: s-maj=21.2km s-min=11.1km az=57.0

ISC 12 00:59:20.0-2.0, 13.51N-108.92E, h20.0/7, h30km, n21, c087/22, mb4.0/15, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

NEIC 12 01:02:25.8-0.7, 4.80N-94.46E, h30km, mb4.4/3, Error ellipse: s-maj=26.2km s-min=9.8km az=59.0

ISC 12 01:10:36.2-9.9, 5.21N-95.04E, h111km, 88km, mb3.7/10, mb1 3.9/11, mb1mx3.7/19, mbtmp4.1/11, ML4.0/1, Error ellipse: s-maj=53.8km s-min=14.1km az=56.0

ISC 12 01:20:24.5-0.8, 5.0N-102.94E, h20.2, h30km, n18, c098/17, mb4.2/13, 1C, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Arr.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

MAN 12 01:14:22.5, 13.54N-120.29E, h29km, mb4.0, ML2.8, MS2.6, 1C, Mindoro

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

ROM 12 01:19:21.2-0.3, 46.55N-13.75E, h10km, MD2.5/3, ML1.8/2, Error ellipse: s-maj=1.7km s-min=1.4km az=0.0

CSEM 12 01:19:22.4-0.1, 46.52N-13.71E, ML2.6/8, Error ellipse: s-maj=1.0km s-min=0.9km az=26.0

NEIC 12 01:19:22.2, 46.54N-13.75E, h10km, ML2.6(VIE), ML2.0(LJU), ML2.0(FUR), Arrr LJU.

PRU 12 01:19:23.1, 46.54N-13.73E

BGR 12 01:19:29.6-1.1, 46.97N-13.78E, ML2.5/3, Error ellipse: s-maj=22.2km s-min=17.8km az=154.0

LJU 12 01:19:21.8, 46.54N-13.72E, h20km, ML2.1, 15C-9D, Austria

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LSR Lussari, PTCC Patocco-Chiusa, PTCC Patocco-Chiusa, etc.

ISC 12 01:32:58.9-1.1, 3.08N-93.46E, h30km, mb4.0/2, Error ellipse: s-maj=25.2km s-min=17.6km az=50.0

ISC 12 01:32:59.3-1.3, 3.11N-93.47E, h30km, mb3.5/4, mb1 3.8/5, mb1mx3.5/18, mbtmp3.7/5, MS3.5/3, Ms1 3.6/3, ms1mx3.4/17, Error ellipse: s-maj=45.7km s-min=22.0km az=55.0

ISC 12 01:32:57.0-1.2, 3.11N-93.45E, 0.2, h30km, (h30km, 1.9km, pP-P), n11, c098/10, MS3.7/6, MS3.8/2, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Hyderabad, HYB Hyderabad, etc.

NEIC 12 02:08:44.7-0.8, 6.47N-93.07E, h30km, mb4.2/1, Error ellipse: s-maj=17.8km s-min=13.3km az=216.0

ISC 12 02:08:46.7-0.8, 6.96N-93.82E, h26km, 4km, mb3.8/10, mb1 4.0/11, mb1mx3.9/20, mbtmp4.0/11, Error ellipse: s-maj=39.2km s-min=14.0km az=51.0

ISC 12 02:08:43.5-0.6, 6.6M-0.1, 9.33E, 0.1, h27km, h27km, 1.0km, pP-P, n18, c129/19, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, CMAR Hyderabad, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GEC2 SNR=3.6, GEC2 GERESS Array S, GEC2 GERESS Array S, etc.

ISC 12 01:24:29.6-10.0, 19.67S-177.95W, h449km, 122km, mb3.0/5, mb1 3.3/5, mb1mx3.1/13, mbtmp3.8/5, Error ellipse: s-maj=104.8km s-min=40.2km az=159.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISC 12 01:24:58.4-3.4, 46.85N-150.67E, h192km, 33km, mb3.3/9, mb1 3.8/10, mb1mx3.9/21, mbtmp3.8/10, Error ellipse: s-maj=28.9km s-min=16.0km az=113.0, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAJ Asahikawa, ILAR Eielson Array, YKA Yellowknife Arr, etc.

NEIC 12 01:32:58.9-1.1, 3.08N-93.46E, h30km, mb4.0/2, Error ellipse: s-maj=25.2km s-min=17.6km az=50.0

ISC 12 01:32:59.3-1.3, 3.11N-93.47E, h30km, mb3.5/4, mb1 3.8/5, mb1mx3.5/18, mbtmp3.7/5, MS3.5/3, Ms1 3.6/3, ms1mx3.4/17, Error ellipse: s-maj=45.7km s-min=22.0km az=55.0

ISC 12 01:32:57.0-1.2, 3.11N-93.45E, 0.2, h30km, (h30km, 1.9km, pP-P), n11, c098/10, MS3.7/6, MS3.8/2, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Hyderabad, HYB Hyderabad, etc.

NEIC 12 02:08:44.7-0.8, 6.47N-93.07E, h30km, mb4.2/1, Error ellipse: s-maj=17.8km s-min=13.3km az=216.0

ISC 12 02:08:46.7-0.8, 6.96N-93.82E, h26km, 4km, mb3.8/10, mb1 4.0/11, mb1mx3.9/20, mbtmp4.0/11, Error ellipse: s-maj=39.2km s-min=14.0km az=51.0

ISC 12 02:08:43.5-0.6, 6.6M-0.1, 9.33E, 0.1, h27km, h27km, 1.0km, pP-P, n18, c129/19, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, CMAR Hyderabad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keskin Array B, Anoleya, Muntele Rosu, etc.

NEIC 12 02:29:29.21.6, 51.44N-179.06W, h49km, mb4.0/1, ML3.5(AEIC), Error ellipse: s-maj=23.8km s-min=12.2km az=194.0

IDC 12 02:29:29.83.7, 51.57N-179.09W, h49km, mb3.6/11, mb1 3.8/12, mb1mx3.7/22, mbtmp3.8/12, Error ellipse: s-maj=49.7km s-min=18.8km az=6.0

ISC 12 02:29:28.21.3, 51.51N, 0.2-179.13W, 0.09, h46km, gmkm, n24, c059/29, mb3.9/12, Andronof Islands

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

NEIC 12 02:39:04.0.4, 0.6, 4.78N-95.13E, h30km, mb4.5/3, Error ellipse: s-maj=32.6km s-min=9.8km az=51.0

IDC 12 02:39:06.71.0, 4.78N-95.12E, h50km, gmkm, mb3.5/9, mb1 3.7/10, mb1mx3.6/18, mbtmp3.8/10, Error ellipse: s-maj=48.7km s-min=16.3km az=47.0

ISC 12 02:39:02.4.0.9, 4.8N, 0.2-95.1E, 0.2, h30km, (h46km, 2.4km, pp-P), n13, c06/64, 13, mb3.9/12, Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, etc.

MAN 12 02:51:23.0, 10.27N-121.89E, h1km, mb4.0/3, ML2.8, MS2.4, 2C-1D, Panay Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Anini-y, Jordan, Cuyo Island, etc.

IDC 12 02:57:15.13.9, 10.35N-91.95E, mb4.0/3, mb1 4.2/4, mb1mx3.7/18, mbtmp3.9/4, ML4.4/1, Error ellipse: s-maj=107.4km s-min=28.3km az=81.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Songoing Array, etc.

comp=N, 2.1nm, 0.6s, bazz=305, slow=6.8, SNR=28

ISC 12 02:58:40.2.0.7, 46.41N, 0.04x15.08E, 0.06, n8, c08/81/10, 1C-10, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pernice, Grosbnik, Podkum, etc.

NAO 12 03:06:45.3.5.1, 78.03N-8.53E, ML2.0, BER 12 03:06:48.7.4.2, 77.73N-9.25E, h0km, 41km, MD3.0, ML2.4, ML2.0(NAO)

ISC 12 03:06:49.2.1.7, 77.5N, 0.1x10.2E, 0.5, h10km, n4, c194/16, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hornsund, Spitsbergen Ar, etc.

IDC 12 03:28:56.6.0.4, 24.03N-122.47E, mb3.8/10, mb1 4.0/10, mb1mx3.9/20, mbtmp3.8/10, Error ellipse: s-maj=42.5km s-min=18.1km az=70.0

NEIC 12 03:28:58.1.0.6, 24.04N-122.64E, h10km, mb4.1/2, Error ellipse: s-maj=28.3km s-min=10.9km az=62.0

JMA 12 03:29:01.3.0.3, 23.96N-122.55E, h20km, M3.4, JMA 12 03:29:01.7.1.1, 24.03N, 0.09, 122.50E, 0.07, h50km, 10km, n20, c08/84/25, mb3.8/12, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Hatsumoto-Funau, etc.

ISC 12 03:42:01.4, 36.96N-27.62E, h5km, ML3.7, ATH 12 03:42:03.0, 36.95N-27.62E, h26km, MD3.6/6, CSEF 12 03:42:03.0, 36.90N-27.59E, h20km, MD3.6, Error ellipse: s-maj=2.9km s-min=1.5km az=98.0

NEIC 12 03:42:03.0, 36.95N-27.82E, h26km, MD3.6(ATH), After ATH, HLW 12 03:42:02.08, 0.5, 36.87N-27.80E, h33km, Mb3.4

ISC 12 03:42:03.5-0.3, 36.87N-0.02-27.66E, 0.04, h20km, n43, c113/49, 7C-2D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kayabasi, Milas, Nisiro, etc.

ISC 12 03:46:58.6, 36.93N-27.82E, h17km, MD3.4, ATH 12 03:46:59.3, 36.89N-27.78E, h25km, 4km, MD3.2/7, CSEF 12 03:46:59.0, 0.1, 36.96N-27.85E, h16km, MD3.2/1, Error

ellipse: s-maj=1.6km s-min=1.3km az=27.0, NEIC 12 03:46:59.3, 36.89N-27.78E, h25km, MD3.2(ATH), After ATH

ISC 12 03:46:59.4.0.6, 36.91N, 0.04-27.79E, 0.04, h22km, 6km, n22, c08/20/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kayabasi, Milas, Nisiro, etc.

NEIC 12 03:53:18.3, 41.62N-78.54E, h3km, ML3.7, 2C-2D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ulaloh, Kyzart, Tokmak 2, etc.

IDC 12 03:56:56.0.1.8, 32.17S-177.68W, mb4.3/4, mb1 4.3/5, mb1mx4.0/15, mbtmp4.2/5, ML3.3/1, Error ellipse: s-maj=52.7km s-min=29.1km az=135.0

ISC 12 03:56:56.1.5.1, 32.17S-177.3W, 0.7, h33km, n8, c08/60, mb4.2/4, South of Kermadec Islands

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

NIED 12 04:04:00.43, 00N, 145.10E, h50km, Mw3.6 Best double couple: M2.71x1014 NP1, 0.19, 0.69, 1.71, NP2, 0.243, 0.28, 1.130

SKHL 12 04:04:37.4, 2.2, 42.94N-145.18E, h60km, mb5.0/1, JMA 12 04:04:37.9, 0.1, 43.03N-145.10E, h55km, 1km, M3.9

ISC 12 04:04:37.0.9, 43.02N, 0.06-145.13E, 0.06, h55km, n9, c06/18, 1C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Akkeshi, Nemuro 2, etc.

IDC 12 04:05:54.0.1.5, 7.71N-93.99E, mb3.6/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=107.4km s-min=30.8km az=46.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Songoing Array, etc.

CSEM 12 04:09:03.4.0.1, 37.00N-27.71E, h8km, MD3.3/1, Error ellipse: s-maj=3.3km s-min=2.0km az=26.0

ISC 12 04:09:03.2.36.98N-27.67E, h9km, MD3.4

ATH 12 04:09:04.5.36.87N-27.59E, h17km, 4km, MD3.3/5

NEIC 12 04:09:04.5.36.87N-27.59E, h17km, MD3.3(ATH), After ATH.

ISC 12 04:09:04.9.0.6.36.99N.0.04.27.70E.0.04, h19km, 6km, n21, <0.985/26, Dodecanese Islands

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

IDC 12 04:16:23.9.2.5.3.81N-93.89E, mb3.6/3, mb1 3.9/4, mb1mx3.6/18, mbtmt3.7/4, ML3.9/1, Error ellipse: s-maj=81.6km s-min=29.8km az=72.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Songo Array, Warramunga Arr, etc.

IDC 12 04:21:44.8.1.8.12.30N-92.57E, mb3.9/5, mb1 4.1/6, mb1mx3.8/18, mbtmt3.9/6, ML3.9/1, MS3.8/1, Ms1 3.8/1, ms1mx3.1/11, Error ellipse: s-maj=62.9km s-min=21.5km az=75.0

NEIC 12 04:21:49.3.0.8.12.31N-92.62E, h30km, mb4.3/3, Error ellipse: s-maj=22.4km s-min=11.1km az=74.0

ISC 12 04:21:46.9.0.7.12.57N.0.08.92.6E.0.1, h30km, n14, <1.73/16, mb4.0/8, MS3.8/1, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Port Blair, Chiang Mai Arr, Bhubaneswar, etc.

ATH 12 04:51:26.0.37.02N-28.13E, h41km, MD3.1/3

CSEM 12 04:51:26.7.0.1.36.94N-27.83E, h10km, MD3.2, Error ellipse: s-maj=3.8km s-min=3.0km az=56.0

ISC 12 04:51:27.0.36.96N-27.78E, h14km, MD3.2

ISC 12 04:51:27.3.1.1.36.97N.0.05.27.79E.0.07, h11km, 10km, n12, <0.955/14, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Milas, Dalyan (Mudla), Arkhangelos, etc.

BJI 12 04:55:38.0.13.35N-93.62E, h52km, mb4.4

NEIC 12 04:55:40.4.0.7.13.69N-93.56E, h30km, mb4.5/3, Error ellipse: s-maj=12.3km s-min=12.3km az=53.0

IDC 12 04:55:41.6.3.6.13.77N-93.55E, h38km, 28km, mb3.8/10, mb1 4.0/11, mb1mx3.9/19, mbtmt4.0/11, ML4.9/1, MS3.1/1, Ms1 3.3/1, ms1mx3.0/20, Error ellipse: s-maj=31.6km s-min=16.6km az=54.0

ISC 12 04:55:38.4.0.7.13.82N.0.09.93.49E.0.05, h30km, n22, <0.853/27, mb4.1/13, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Songo Array, Warramunga Arr, etc.

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

ATH 12 04:58:28.2.36.99N-28.16E, h77km, 24km

CSEM 12 04:58:28.6.0.1.36.89N-27.80E, h10km, Error ellipse: s-maj=2.2km s-min=1.9km az=71.0

ISC 12 04:58:29.3.36.88N-27.79E, h19km, ML3.6

HLW 12 04:58:38.5.36.60N-27.96E, h33km, Mb3.2

ISC 12 04:58:30.2.0.5.36.87N.0.03.27.80E.0.04, h25km, 5km, n38, <0.84/46, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Kayabasi, Milas, Dalyan (Mudla), etc.

IDC 12 05:26:56.2.41.0.7.37S-67.85E, mb3.8/3, mb1 4.0/3, mb1mx3.8/17, mbtmt3.8/3, Error ellipse: s-maj=1236.0km s-min=46.2km az=70.0, Mid-Indian Ridge

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

BER 12 05:49:03.7.5.8.81.89N.5.78W, h13km, 348km, MD3.6, ML3.2, ML2.1 (NAO)

NAO 12 05:49:07.2.8.8.82.41N.2.73E, ML2.1

ISC 12 05:49:06.3.2.6.81.5N.0.2.2.9W.0.4, h10km, n5, <0.903/9, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Spitsbergen Arr, Danmarks Havn, Hornsund, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Malin Array, Lajitas Arr, GERES Array B, etc.

NEIC 12 06:36:20.7.9.0.23.66S-179.83W, h511km, 55km, mb4.5/4, Error ellipse: s-maj=138.4km s-min=18.6km az=48.0

IDC 12 06:36:23.0.3.23.83S-179.99E, h52km, 42km, mb3.6/5, mb1 3.8/6, mb1mx3.4/15, mbtmt4.5/6, Error ellipse: s-maj=56.9km s-min=20.6km az=49.0

ISC 12 06:36:21.1.2.9.23.7S.0.2-179.89W.3.5, h535km, 43km, n13, <0.46/15, mb4.2/8, 1D, South of Fiji Islands

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

IDC 12 06:44:51.9.2.9.4.97N-93.48E, mb3.6/3, mb1 3.9/4, mb1mx3.6/18, mbtmt3.6/4, ML3.4/1, Error ellipse: s-maj=89.9km s-min=31.6km az=64.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Songo Array, Warramunga Arr, etc.

IDC 12 06:45:33.8.0.9.6.31N-128.49E, mb3.9/6, mb1 4.2/6, mb1mx4.0/17, mbtmt3.9/6, 1D, Error ellipse: s-maj=65.1km s-min=18.2km az=76.0, East of Philippine Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KCP, Kadayawan, Kigayap de Oro, etc.

IDC 12 06:48:06.5.8.0.17.88S-171.81W, mb3.6/2, mb1 3.8/2, mb1mx3.8/15, mbtmt3.6/2, Error ellipse: s-maj=404.0km s-min=65.1km az=145.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Warramunga Arr, Alice Springs, Brtrr Keskin Array B, etc.

IDC 12 06:56:23.7.1.7.3.22N-95.08E, mb3.9/6, mb1 4.0/7, mb1mx3.8/18, mbtmt3.9/7, ML3.8/1, Error ellipse: s-maj=80.2km s-min=22.4km az=53.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Warramunga Arr, Songo Array, etc.

IDC 12 06:52.24.0.0.5.21.93S-68.52W, h116km, 5km, mb3.8/8, mb1 4.0/9, mb1mx3.8/15, mbtmt4.1/9, MS3.1/1, Ms1 3.0/1, ms1mx2.6/11, Error ellipse: s-maj=18.3km s-min=13.6km az=95.0

NEIC 12 06:52.24.0.0.7.21.87S-68.44W, h116km, 7km, mb3.8/2, Error ellipse: s-maj=12.1km s-min=8.8km az=56.0

ISC 12 06:59:22.2.0.7.21.72S.0.07.68.4W.0.1, h109km, 8km, n20, <0.84/21, mb3.9/5, Chile-Bolivia border region

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

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

ATH 12 07:18:41.6, 38.50N-21.60E, h18km, 5km, MD3.3, Error ellipse: s-maj=2.2km s-min=1.6km az=115.0

NEIC 12 07:18:41.7, 38.49N-21.60E, h4km, MD3.3(ATH), After ATH.

THE 12 07:18:42.1, 38.42N-21.79E, h2km, ML3.1

ISC 12 07:18:41.2, 38.47N-21.03, 21.6E, 0.2h2km, n23, r1507/23, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLS, EVR, AGG, VLS, LKR, etc.

MAN 12 07:47:33.5, 17.96N-122.26E, h1km, mb4.1, ML2.9, MS2.6, Luzon

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

CSEM 12 07:57:53.0, 2.35.00N-3.84W, h15km, MD3.3, Error ellipse: s-maj=5.7km s-min=4.8km az=116.0

MDD 12 07:57:55.3, 0.4, 34.99N-3.87W, h8km, 3km, mb3.5/5, Error ellipse: s-maj=4.7km s-min=3.3km az=63.0, PRXIMO

CNRM 12 07:57:55.0, 35.00N-3.83W, h7km, MD3.3

NEIC 12 07:57:57.7, 35.22N-3.82W, MG3.3(MDD), After MDD.

ISC 12 07:57:54.1, 0.4, 35.00N-3.90W, 0.03, h10km, n27, r1504/49, Strait of Gibraltar

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

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

BUJ 12 08:10:43.3, 34.00N-116.40W, h7km, mb4.9, mb4.4, Ms4.6, Ms4.3

ISC 12 08:10:45.7, 1.7, 33.94N-116.30W, mb3.3/2, mb1 3.8/6, mb1mx3/0.19, mbtmp3.4/6, ML3.8/3, MS3.3/4, Ms1 3.3/4, ms1mx2.8/2.4, Error ellipse: s-maj=26.0km s-min=12.0km az=49.0

NEIC 12 08:10:46.4, 33.95N-116.40W, h8km, ML4.3(PAS), After PAS.

NEIC Felt [IV] at Cabazon, Coachella, Desert Hot Springs, Indian Wells and Thousand Palms; [III] at Cathedral City, Hemet, Indio, Joshua Tree, La Quinta, Morongo Valley, Palm Desert, Palm Springs, Rancho Mirage, Riverside, San Jacinto, Twentynine Palms, Yucca and Yucca Valley. Felt as far as Anaheim and San Diego.

ISC 12 08:10:44.0, 0.6, 33.97N-105.116.34W, 0.06, h8km, n30, r1222/29, mb3.6/3, MS3.6/2, Southern California

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

TUC Tucson 4.94 108 eP Pn 08 11 58.2 -2.2

SMB San Andreas Ge 5.02 305 eP Pn 08 12 00.5 -1.0

CAB Columbia Colle 5.22 322 eP Pn 08 12 04.4 +0.1

WCU Marysville 5.65 35 eP Pn 08 12 10.5 +0.1

MSC Washoe City 5.99 334 eP Pn 08 12 13.6 -1.6

TRM Trail Mountain 6.73 36 eP Pn 08 12 25.6 0.0

OCHM Honcut 6.77 324 eP Pn 08 12 25.4 -0.8

NLU North Lily Min 6.88 28 eP Pn 08 12 25.8 -2.0

BGU Big Grassy Mou 7.43 20 eP Pn 08 12 34.9 -0.5

LAZ Ladoron 7.63 84 eP Pn 08 12 37.9 -0.4

ANMO Albuquerque 8.22 60 eP Pn 08 12 47.6 +1.2

ANMO base=270, slope=13, SNR=12

ANMO base=301, slope=19, SNR=3.5

ANMO comp=2.54nm, 21.7s, slope=41

ANMO Albuquerque 8.22 80 eP Pn 08 12 46.5 +0.1

ANMX Cordudas Mount 9.48 101 eP Pn 08 13 02.0 -2.1

ANMX Trail Mountain 10.20 97 eP Pn 08 13 14.4 +0.5

PDAR Pinalde Array 10.27 29 eP Pn 08 13 18.3 +3.6

CPDR 0.0nm, 0.3s, baz=198, slope=30, SNR=5.8

PRAX Cap Rock 10.46 92 eP Pn 08 13 18.4 +1.0

TXAR Lajitas Array 11.74 110 Pn 08 13 34.8 -0.1

TXAR 0.4nm, 0.3s, baz=290, slope=12, SNR=26

TXAR 0.0nm, 0.3s, baz=290, slope=27, SNR=65

TXAR comp=Z, 121nm, 18.4s, baz=5.0, slope=42

YKA Yellowknife Arr 28.57 2 Pn 08 16 44.5 +2.4

YKA 0.4nm, 0.9s, mb3.1, baz=175, slope=7.4, SNR=4.1

YKA comp=Z, 51nm, 19.4s, MS3.1, baz=205, slope=37

YKA Yellowknife Arr 28.57 2 Pn 08 16 44.5 +2.4

ILAR Eielson Array 35.98 338 eP Pn 08 17 49.1 +2.1

ILAR 0.5nm, 0.6s, mb3.4, baz=152, slope=7.7, SNR=12

FX1 Attu Island-F 52.37 314 LR LR 08 37 23.2

MDJ Mudanjiang 81.54 319 Pn 08 23 04.0 +0.6

MDJ comp=Z, 9.0nm, 2.0s, mb4.3

MDJ comp=Z, 9.0nm, 2.0s, mb4.3

LZH Lanzhou 100.85 328 eP Pn 08 24 34.1 -0.9

LZH 0.2nm, 0.3s, baz=175, slope=7.4, SNR=4.1

LZH 0.4nm, 0.9s, mb3.1, baz=175, slope=7.4, SNR=4.1

ISC 12 08:12:40.1, 6.1, 11.31N-92.34E, mb3.9/3, mb1 4.1/3, mb1mx3.6/1.6, mbtmp3.9/3, Error ellipse: s-maj=47.3km s-min=29.8km az=53.0, Andaman Islands region

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

BUJ 12 08:16:09.3, 4.22N-93.96E, h41km, mb4.8

ISC 12 08:16:11.7, 1.0, 4.56N-93.90E, h26km, mb3, mb3.8/6, mb1 4.0/7, mb1mx3.8/1.8, mbtmp4.0/7, ML4.1/1, Error ellipse: s-maj=44.7km s-min=14.9km az=55.0

NEIC 12 08:16:11.7, 0.8, 4.51N-93.97E, mb4.5/3, Error ellipse: s-maj=25.6km s-min=11.4km az=63.0

ISC 12 08:16:10.1, 0.9, 4.51N-93.92E, 0.2, h2km, h29km, 2.0km, p-P, n17, r0569/17, mb4.3/12, Off west coast of northern Sumatra

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

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

ISC 12 08:29:45.2, 1.1, 2.37N-92.97E, mb3.9/7, mb1 4.1/8, mb1mx4.0/1.7, mbtmp3.9/8, ML4.2/1, MS3.0/1, Ms1 3.2/1, ms1mx2.8/2.4, Error ellipse: s-maj=46.8km s-min=19.0km az=50.0

NEIC 12 08:29:50.2, 0.8, 2.42N-93.07E, h30km, mb4.3/2, Error ellipse: s-maj=28.3km s-min=12.6km az=60.0

ISC 12 08:29:48.3, 0.9, 2.4N-91.1, 93.1E, 0.2, h30km, n14, r1504/13, mb4.0/9, Off west coast of northern Sumatra

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

ISC 12 08:35:04.6, 1.7, 45.17N-107.1445E, 0.07, h10km, n11, r0558/17, 1C, Northwestern Balkan Peninsula

KNDS Knezi Dol 0.36 352 iP Pn 08 35 12.6 +0.5

KNDS comp=Z, 37nm, 0.1s

CEY Cerknica 0.57 358 iP Pn 08 35 16.0 -0.2

BOJS Bojanci 0.66 59 iP Pn 08 35 18.8 +0.7

BOJS comp=Z, 7.0nm, 0.1s

VISJ Visnje 0.69 23 iP Pn 08 35 17.9 -0.6

JAVS Javornik 0.77 340 iP Pn 08 35 20.2 +0.6

JAVS comp=Z, 9.0nm, 0.1s

VOJS Vojsko 0.95 335 iP Pn 08 35 23.0 -0.7

VOJS comp=Z, 12nm, 0.1s

PODK Podkum 0.97 23 iP Pn 08 35 26.9 +0.5

LEGS Legarje 0.99 38 iP Pn 08 35 28.0 -0.6

GCS Gorj Cirnik 1.08 49 iP Pn 08 35 26.6 +0.3

GOLS Golise 1.18 44 eP Pn 08 35 28.3 +0.1

GOLS comp=Z, 1.34 31 iP Pn 08 35 30.4 +0.6

OBKA Obir 1.34 31 iP Pn 08 35 30.8 -1.0

OBKA comp=Z, 5.8nm, 0.2s

ISC 12 08:37:23.5, 7.7, 19.52S-175.14W, mb3.6/3, mb1 3.9/3, mb1mx3.7/1.4, mbtmp3.6/3, Error ellipse: s-maj=33.7km s-min=38.6km az=143.0, Tonga Islands

ASAR Alae Springs 47.37 255 Pn 08 46 00.3 -1.2

ASAR 1.2nm, 0.8s, baz=91, slope=18, SNR=23

WRA Warramunga Arr 47.41 261 Pn 08 45 59.0 -2.8

WRA 1.0nm, 0.8s, baz=99, slope=6.7, SNR=5

ILAR Eielson Array 86.78 12 Pn 08 50 09.2 -1.2

ILAR 0.7nm, 1.2s, baz=223, slope=5.2, SNR=5.8

IGIL 12 08:39:57.6, 1.00S-20.80W, h2km, MS6.2

CSEM 12 08:40:02.0, 0.98S-20.80W, h10km, MS6.5

MOS 12 08:40:02.3, 1.0, 0.74S-21.14W, h10km, mb5.8/94, MS6.3/42, Error ellipse: s-maj=8.1km s-min=2.9km az=144.0

ISC 12 08:40:02.3, 0.4, 0.83S-21.08W, mb4.7/30, mb1 4.8/31, mb1mx4.7/32, mbtmp4.7/31, ML5.7/1, MS6.1/15, Ms1 6.1/15, ms1mx5.8/2.2, Error ellipse: s-maj=10.7km s-min=5.8km az=144.0

BUJ 12 08:40:03.6, 0.90S-21.20W, h10km, mb6.3, Ms5.7, Msz6.3

HRVD 12 08:40:03.7, 0.1, 0.47S-20.53W, h12km, MW6.8/78, Centroid moment Tensor Solution. LP body waves: s76c198; Mantle waves: s78c345; Half duration: 663

Moment tensor: Scale 10^19Nm; M1-0.09±0.01; M2-0.63±0.01; M3-0.53±0.01; M4-0.05±0.03; M5-1.17±0.11; M6-1.07±0.03; Best double couple: M1:1.87x10^19; M2:1.87x10^19; M3:1.87x10^19; M4:1.87x10^19; M5:1.87x10^19; M6:1.87x10^19; Principal axes: T 1.91, P1g4, Azm216; N-0.91, P1g5; Azm356; P-1.826, P1g3, Azm126; nsta1 refers to body waves, cutoff=50s; nsta2 refers to surface/mantle waves, cutoff=125s.

NEIC 12 08:40:03.6, 0.2, 0.88S-21.19W, h10km, mb5.7/159, ME6.6, MS6.0/127, MW6.8 Error ellipse: s-maj=6.6km s-min=3.0km az=154.0 Broadband fault plane solution: P waves. NP1-p:170°, 88S°, 1-5S°. NP2-p:260°, 88S°, 1-17S°. Principal axes: T P1g0°, Azm35°; N P1g0°, Azm0°; P P1g7°, Azm125°; Moment Tensor Solution. s52 Moment tensor: Scale 10^19 Nm; M1-0.21; M2-0.79; M3-0.58; M4-0.38; M5-1.63; M6-0.33; Best double couple: M1:1.8x10^19; M2:1.8x10^19; M3:1.8x10^19; M4:1.8x10^19; M5:1.8x10^19; M6:1.8x10^19; Principal axes: T 1.99, P1g3°, Azm34°; N-32, P1g7°, Azm201°; P-1.66, P1g3°, Azm303°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

ISC 12 08:40:01.7, 0.2, 0.88S-21.12W, 0.03, h10km, (h20km, 3gkm, p-P), n817, r1504/779, mb5.5/198, MS6.1/159, 28C-48D, Central Mid-Atlantic Ridge

RCBR Riachuelo 15.55 251 eP Pn 08 43 40.6 -2.3

DBIC Dimbokro 17.88 65 Pn 08 44 11.6 -0.8

DBIC 40nm, 0.3s, baz=232, slope=14, SNR=127

DBIC 1.0nm, 0.3s, baz=124, slope=18, SNR=4.0

DBIC comp=Z, 349nm, 18.4s, baz=228, slope=32

CAM3 Guaparai 27.36 223 iP Pn 08 45 53.7 +4.5

CAM3 0.3nm, 0.3s, baz=195, slope=7.6, SNR=8.4

CAM3 1.7nm, 0.9s, mb3.8, baz=188, slope=8.8, SNR=10

EGOM La Gomera 29.12 7 Pn 08 46 06.9 +1.9

EGOM 82nm, 1.2s, mb5.3

CCAN Las Cañadillas 29.26 8 Pn 08 46 10.6 +4.2

CCAN 33nm, 1.0s, mb5.0

CAM4 Nova Friguro 29.85 223 eP Pn 08 46 16.1 +4.3

CAM4 32nm, 1.0s, mb5.0

CAM4 Brasilia Array 30.30 240 eP Pn 08 46 34.0 +1.8

CAM4 8.2nm, 0.8s, mb4.5, baz=81, slope=5.5, SNR=8.9

BAO BAO 30.30 240 eP Pn 08 46 17.1 +1.4

BAO 8.2nm, 0.8s, mb4.5, baz=81, slope=5.5, SNR=8.9

BDFB Brasilia 30.30 240 Pn 08 46 16.9 +0.9

BDFB 9.1nm, 1.1s, baz=324, slope=17, SNR=1.5

BDFB 2.2nm, 0.8s, mb4.5, baz=73, slope=3.6, SNR=36

TRIS Tristan da Cun 36.91 128 PFAKE LR 08 47 20.0 +7.3

Table with columns for location, time, and status. Includes entries like RUE Ruedersdorf, SZH Strazhica, RAC Raciborz, etc.

Table with columns for location, time, and status. Includes entries like KIS Kishinev, KIS KIS, KIS KIS, etc.

Table with columns for location, time, and status. Includes entries like SOC comp=N,107nm,1.6s, SOC comp=E,56nm,1.1s, etc.

315

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MAK, ABTO, JFWFS, etc.

2005 JAN

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ARU, MNTX, DGMT, etc.

12d 8h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like AAK, FRU, PFO, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like ARMT, MFT, KHL, SMG, etc.

12d 11:25:50.9, 3.8, 5.65N, 93.65E, mb3.7/3, mb1 3.8/4, mb1mx3.6/17, mbtmp3.6/4, Error ellipse: s-maj=121.4km s-min=29.3km az=76.0, Off west coast of northern Sumatara

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

BUI 12:11:35:51.8, 32.27N, 101.66E, h15km, mb3.5, ML3.7, Ms4.0, Msz3.5

IDC 12:11:35:51.1, 2.3, 32.28N, 102.31E, mb3.4/3, mb1 3.6/5, mb1mx3.5/17, mbtmp3.4/5, ML3.8/2, Error ellipse: s-maj=105.1km s-min=28.0km az=87.0

ISC 12:11:35:49.5, 0.9, 32.41N, 0.06, 101.99E, 0.09, h10km, n7, r=158/11, mb3.5/3, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like LZH, XAN, CMAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PBA, CMAR, CMAR, etc.

IDC 12:12:00:09.6, 1.6, 4.83S, 144.87E, mb3.9/4, mb1 4.3/5, mb1mx4.0/17, mbtmp4.0/5, ML4.0/1, Error ellipse: s-maj=47.8km s-min=25.8km az=111.0

NEIC 12:12:00:22.8, 1.7, 5.08S, 144.55E, h105km, 16km, mb4.1/7, Error ellipse: s-maj=15.0km s-min=13.6km az=120.0

ISC 12:12:00:21.4, 2.6, 5.15, 0.1, 144.6E, 0.1, h107km, 24km, n14, r=057/14, mb3.9/8, New Guinea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PMG, KAKA, WRAB, etc.

CSEM 12:12:27:26.0, 0.7, 38.67N, 28.50W, h15km, ML1.9, Error ellipse: s-maj=3.8km s-min=2.8km az=178.0, After PDA

PDA 12:12:27:26.0, 0.7, 38.67N, 28.50W, h15km, MD2.9, ML1.9, Error ellipse: s-maj=3.8km s-min=2.8km az=178.0

SVSA 12:12:27:26.0, 0.7, 38.67N, 28.50W, h15km, MD2.9, ML1.9, Error ellipse: s-maj=3.8km s-min=2.8km az=178.0, Azores Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PCED, HOR, PICO, etc.

CSEM 12:12:29:28.2, 0.1, 39.20N, 27.75E, h10km, MD3.3/1, Error ellipse: s-maj=1.9km s-min=1.1km az=99.0

ISK 12:12:29:28.2, 0.1, 39.20N, 27.75E, h11km, MD3.4/3, ATH 12:12:29:40.3, 38.77N, 26.69E, h10km, MD3.4/3

ISC 12:12:29:28.6, 0.5, 39.19N, 0.02, 27.76E, 0.04, h9km, 4km, n39, r=077/46, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like AKS, BALB, BTKO, etc.

Table with columns: PGB, Panagyurishte, 4.32 322 eP, Pn, 12 30 35.0 -1.1

Table with columns: VTS, Vitoshka, 4.84 316 eP, Pn, 12 30 44.0 +0.5

IDC 12:12:42:08.7, 3.7, 7.12, 02N, 92.80E, mb3.6/3, mb1 3.7/4, mb1mx3.6/17, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=99.3km s-min=29.8km az=83.0

ISC 12:12:42:03.8, 1.2, 12.6N, 0.1, 91.9E, 0.2, h33km, n10, r=052/8, mb3.8/2, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PBA, CMAR, PKI, etc.

MOS 12:12:59:19.5, 0.9, 5.18N, 94.99E, h33km, mb4.8/12, Error ellipse: s-maj=27.1km s-min=10.1km az=112.3

BUI 12:12:59:20.1, 4.62N, 94.61E, h60km, mb5.1, mb5.0, Ms4.7, Msz4.4

NEIC 12:12:59:22.1, 0.3, 5.25N, 94.69E, h30km, mb4.7/12, Error ellipse: s-maj=12.6km s-min=6.4km az=224.0

NEIC F=1/1 at Banda Aceh, IDC 12:12:59:24.0, 0.6, 5.25N, 94.66E, h49km, 4km, mb4.3/18, mb1 4.4/19, mb1mx4.2/24, mbtmp4.5/19, MS3.4/1, Ms1 3.6/1, ms1mx2.8/25, Error ellipse: s-maj=26.1km s-min=10.9km az=43.0

ISC 12:12:52:28.0, 4.5, 26N, 0.07, 94.78E, 0.07, h50km, h150km, 5km, pp-P, n87, r=059/85, mb4.7/45, MS4.4/2, 1C-2D, Northern Sumatara

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, HYB, SHL, etc.

NJ2, NJ2, NJ2, NJ2, NJ2, SSE, SSE, SSE, FITZ, ULHL, UCHT, TKM2, KBK, AML, AAK, AAK, AAK, KAKA, EKS2, USP, MKAF, MKAF, SONM, SONM, SONM, SONM, ULN, ULN, ULN, ZAK, ZAK, WRA, WRA, WRAB, WRAB, WB2, ASAR, ASAR, YKA, YKA, NVS, NVS, NVS

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like NJ2, SSE, FITZ, ULHL, UCHT, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like ARSA Arzberg, BOJS Bojanci, VAUE Valguarnera, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like BFO Black Forest, FIN Finale Ligure, ORX Oropa, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like RJF Les Rejaudoux, RJF Les Rejaudoux, EMIR Miracle, etc.

Table with columns: YKA, Yellowknife Ar, 108.63, 14, Pdiff, Pdiff, 14 12 40.0 +2.0, comp=Z, 2.2nm, 1.1s, baz=327, slow=4.3, SNR=16, PKJKP, 14 16 42.7, YKA, comp=Z, 2.9nm, 1.1s, baz=332, slow=2.1, SNR=9.4, PP, 14 17 05.6 -7.4, YKA, YKA, 108.63, 14, Pdiff, Pdiff, 14 12 40.0 +2.0, YKA, YKA, PKPpdf, PKPpdf, 14 16 42.7, YKA, YKA, PKPpdf, PKPpdf, 14 17 05.6 -7.4, FDC, Fort Churchill, 115.59, 5, ePKIKP, PKPpdf, 14 16 58.2 +0.7, EDM, Edmonton, 116.93, 18, ePKIKP, PKPpdf, 14 16 59.5 +1.3, SCHQ, Schefferville, 117.95, 348, PKP, PKPpdf, 14 17 02.2 +2.1, PMSA, Palmer Station, 118.89, 190, PFAKE, LR, 14 17 20.0 +18, PMSA, comp=Z, 3.3um, 20.0s, MS5.9, LR, LR, 14 17 20.0 +16, NEW, Newport, 119.68, 24, PFAKE, LR, 14 17 20.0 +16, NEW, NEW, comp=Z, 5.43nm, 19.0s, MS5.2, LR, LR, 14 17 08.7 +1.8, HUMO, Hull Mountain, 121.24, 32, eP, PKPpdf, 14 17 27.0, HUMO, HUMO, LR, LR, 14 17 27.0, YBH, Yreka Blue Hr, 121.98, 32, PFAKE, LR, 14 17 20.0 +12, YBH, YBH, comp=Z, 2.74nm, 21.0s, MS4.9, LR, LR, 14 17 26.7, MSO, Missoula, 122.11, 23, eP, PKPpdf, 14 17 09.5 +1.1, MSO, MSO, eP, PKPpdf, 14 17 26.7, BMO, Blue Mountains, 122.30, 26, eP, LR, 14 17 09.0 +0.1, BMO, BMO, LR, LR, 14 17 09.0 +0.1, WDC, comp=Z, 3.32nm, 20.0s, MS5.0, PFAKE, LR, 14 17 20.0 +10, WDC, Whiskeytown Da, 122.88, 33, PFAKE, LR, 14 17 20.0 +10, WDC, WDC, comp=Z, 1.84nm, 19.0s, MS4.8, LR, LR, 14 17 12.3 +1.8, MOD, Modoc, 123.11, 31, eP, LR, 14 17 12.3 +1.8, MOD, MOD, LR, LR, 14 17 12.3 +1.8, WVOR, Wild Horse Val, 123.55, 29, ePKIKP, PKPpdf, 14 17 13.4 +2.1, WVOR, WVOR, MLR, MLR, 14 17 13.4 +2.1, DGMT, Dagmar, 125.81, 15, eP, LR, 14 17 13.1 +1.4, DGMT, DGMT, LR, LR, 14 17 13.1 +1.4, BOZ, Bozeman (W), 123.97, 22, ePKIKP, PKPpdf, 14 17 13.5 +1.4, BOZ, BOZ, MLR, MLR, 14 17 13.5 +1.4, MCMT, McKenzie Canyo, 124.19, 23, ePKPpdf, PKPpdf, 14 17 14.7 +2.2, MCMT, MCMT, PKPpdf, PKPpdf, 14 17 13.7 +0.5, GCMT, Greycliff, 124.55, 20, ePKPpdf, PKPpdf, 14 17 13.7 +0.5, HLID, Hailey, 124.59, 25, PFAKE, LR, 14 17 30.0 +1.7, QMID, comp=Z, 6.00nm, 19.0s, MS5.3, PKPpdf, PKPpdf, 14 17 16.2 +2.6, HLID, HLID, PKPpdf, PKPpdf, 14 17 15.9 +2.1, LAO, Lao, 124.72, 17, ePKPpdf, PKPpdf, 14 17 15.9 +2.1, YMR, Madison River, 125.05, 22, ePKPpdf, PKPpdf, 14 17 16.4 +2.2, YMR, Old Faithful, 125.28, 22, ePKPpdf, PKPpdf, 14 17 16.4 +2.2, WFT, Washoe City, 125.29, 32, ePKIKP, PKPpdf, 14 17 16.9 +1.0, WCN, Columbia Colle, 125.86, 34, ePKIKP, MLR, 14 17 16.9 +1.0, CMB, CMB, MLR, MLR, 14 17 16.9 +1.0, MOOSE, Moose Ponds, 125.92, 23, ePKPpdf, PKPpdf, 14 17 17.8 +1.9, LOHW, Long Hollow, 126.09, 23, ePKPpdf, PKPpdf, 14 17 18.1 +1.9, WUWY, Wally Ulrich, 126.09, 23, ePKPpdf, PKPpdf, 14 17 18.0 +1.8, SNOW, Snow King Moun, 126.16, 23, ePKPpdf, PKPpdf, 14 17 18.8 +2.5, AHID, Auburn Hatcher, 126.61, 23, PFAKE, LR, 14 17 30.0 +1.3, NVAR, Mina Array Bea, 126.70, 32, PKP, PKPpdf, 14 17 20.1 +2.5, NVAR, NVAR, PKP, PKPpdf, 14 17 35.2, NVAR, NVAR, comp=Z, 2.7nm, 0.8s, baz=358, slow=0.6, SNR=3.5, PKP, PKP, 14 17 41.5, NVAR, NVAR, comp=Z, 5.6nm, 0.9s, baz=264, slow=1.6, SNR=4.3, ePKP, ePKP, 14 17 19.9 +2.2, MNV, Mina, 126.78, 32, ePKIKP, MLR, 14 17 19.9 +2.2, MNV, MNV, MLR, MLR, 14 17 19.9 +2.2, BW06, Boulder Array, 127.20, 22, PFAKE, LR, 14 17 30.0 +1.2, BW06, BW06, LR, LR, 14 17 30.0 +1.2, PDAR, Pinedale Array, 127.21, 22, PKP, PKPpdf, 14 17 19.7 +1.3, PDAR, PDAR, PKP, PKPpdf, 14 17 35.9, PDAR, PDAR, comp=Z, 4.9nm, 0.8s, baz=117, slow=3.3, SNR=4.4, pPKP, PP, 14 19 17.8 -4.1, PDAR, PDAR, comp=Z, 2.0nm, 1.1s, baz=349, slow=1.6, SNR=2.9, PP, PP, 14 19 17.8 -4.1, BGU, Big Grassy Mou, 127.32, 36, ePKPpdf, PKPpdf, 14 17 20.5 +1.8, EMMW, East Machias, 127.50, 344, PFAKE, LR, 14 17 30.0 +1.1, TRCR, Troy Canyon, 128.17, 30, ePKPpdf, PKPpdf, 14 17 21.8 +1.4, WVWL, Waterville, 128.21, 346, PFAKE, LR, 14 17 30.0 +1.0, NLU, North Lily Min, 128.54, 26, ePKPpdf, PKPpdf, 14 17 23.1 +2.1, RFWY, Rawlins, 128.00, 21, ePKPpdf, PKPpdf, 14 17 23.2 +1.4, MWV, Mineville/With, 128.53, 349, ePKPpdf, PKPpdf, 14 17 23.3 +1.9, MDV, Middlebury, 129.53, 349, ePKPpdf, PKPpdf, 14 17 24.2 +1.4, MSU, Marysvale, 129.67, 27, ePKIKP, PKPpdf, 14 17 25.9 +2.6, NCB, Newcomb, 129.76, 350, PFAKE, LR, 14 17 40.0 +1.7, PHWY, Pilot Hill, 129.95, 20, ePKPpdf, PKPpdf, 14 17 24.9 +1.2, NEN, Nelson, 130.62, 32, ePKPpdf, PKPpdf, 14 17 26.8 +1.6, WES, Weston, 130.67, 346, PFAKE, LR, 14 17 40.0 +1.5, RCBR, Riachuelo, 130.76, 267, PFAKE, LR, 14 17 40.0 +1.4, ISCO, Idaho Springs, 131.24, 21, ePKIKP, MLR, 14 17 26.1 -0.1, ISCO, ISCO, MLR, MLR, 14 17 26.1 -0.1, PFO, Pinyon Flat Ob, 131.25, 35, PFAKE, LR, 14 17 40.0 +1.4, JFWS, Jewell Farm, 131.63, 5, PFAKE, LR, 14 17 40.0 +1.3, AAM, Ann Arbor, 132.42, 358, LR, LR, 14 17 40.0 +1.2, SDCO, Great Sand Dun, 133.10, 22, PFAKE, LR, 14 17 40.0 +1.0, KSUI, Kansas State U, 134.45, 12, ePKPpdf, PKPpdf, 14 17 33.7 +1.5, ACSO, Alum Creek Sta, 134.46, 357, ePKPpdf, LR, 14 17 33.5 +1.3, MCWV, Mont Chateau, 134.80, 354, LR, LR, 14 17 50.0 +1.7, ANMO, Albuquerque, 135.15, 25, ePKIKP, MLR, 14 17 35.9 +2.2, ANMO, ANMO, MLR, MLR, 14 17 35.9 +2.2, TUC, Tucson, 135.32, 31, ePKIKP, MLR, 14 17 35.8 +1.8, LENM, Lemitar, 135.61, 26, ePKPpdf, PKPpdf, 14 17 37.0 +2.5, LPM, Los Pinos Moun, 135.63, 25, ePKPpdf, PKPpdf, 14 17 36.6 +2.1, CBN, Corbin, 135.91, 351, PFAKE, LR, 14 17 50.0 +1.5, CCM, Cathedral Cave, 136.35, 7, ePKIKP, MLR, 14 17 35.0 -0.7, WCI, Wyandotte Cave, 136.51, 1, ePKIKP, MLR, 14 17 36.9 +0.9, FWV, Forest Hill, 136.95, 355, ePKPpdf, PKPpdf, 14 17 37.7 +0.9, AMTX, Amarillo, 137.02, 20, PFAKE, LR, 14 17 50.0 +1.3, PWV, Princeton, 137.22, 355, ePKPpdf, PKPpdf, 14 17 39.4 +2.1, BLA, Blacksburg, 137.28, 354, LR, LR, 14 17 50.0 +1.3, ELN, Prospectacle, 137.29, 355, ePKPpdf, PKPpdf, 14 17 36.3 -1.2, CPXK, Cap Rock, 137.88, 23, ePKPpdf, PKPpdf, 14 17 42.1 +3.4, WMOK, Wichita Mounta, 138.05, 17, ePKHKP, MLR, 14 17 29.2, WMOK, WMOK, MLR, MLR, 14 17 29.2

Table with columns: GDL2, Guadalupe Moun, 138.40, 25, ePKPpdf, PKPpdf, 14 17 41.4 +1.7, MNTX, Cornudas Mount, 138.40, 26, ePKPpdf, PKPpdf, 14 17 41.4 +1.7, CLNB, Carlsbad, 138.55, 24, ePKPpdf, PKPpdf, 14 17 42.4 +2.4, WWT, Waverly, 138.55, 3, ePKHKP, e, 14 17 31.1, WWT, WWT, MLR, MLR, 14 17 40.2, CPCT, Cooper Cave, 139.28, 359, ePKPpdf, PKPpdf, 14 17 42.6 +1.4, MIAR, Mount Ida, 139.45, 10, ePKIKP, MLR, 14 17 43.0 +1.5, OXF, Oxford, 140.04, 5, PFAKE, LR, 14 18 00.0 +1.7, LTX, Lajitas, 141.19, 26, ePKHKP, MLR, 14 17 40.7, TXAR, Lajitas Array, 141.19, 26, PKHKP, PKPpdf, 14 17 40.7, TXAR, TXAR, comp=Z, 0.7nm, 0.4s, baz=270, slow=3.8, SNR=7.1, PKP, PKPpdf, 14 17 46.7 +1.9, TXAR, TXAR, comp=Z, 6.2nm, 1.0s, baz=225, slow=1.8, SNR=3.8, pPKP, PP, 14 20 47.0 -3.7, TXAR, TXAR, comp=Z, 2.2nm, 0.9s, baz=342, slow=4.0, SNR=3.4, PKP, PKPpdf, 14 17 46.7 +1.9, TXAR, TXAR, comp=Z, 1.41, 19, 26, PKHKP, PKPpdf, 14 18 01.1, TXAR, TXAR, comp=Z, 2.2nm, 0.9s, baz=342, slow=4.0, SNR=3.4, PKP, PKPpdf, 14 18 01.1, GOGA, Godfrey, 141.28, 357, PFAKE, LR, 14 18 00.0 +1.5, GOGA, GOGA, LR, LR, 14 18 00.0 +1.5, NHSC, New Hope, 141.31, 353, PFAKE, LR, 14 18 00.0 +1.5, NHSC, NHSC, LR, LR, 14 18 00.0 +1.5, LRAL, Lakeview Retre, 141.67, 2, ePKPpdf, PKPpdf, 14 17 47.2 +1.7, LRAL, LRAL, PKPpdf, PKPpdf, 14 17 47.2 +1.7, JCT, Junction City, 141.68, 20, ePKHKP, MLR, 14 17 40.7, JCT, JCT, MLR, MLR, 14 17 40.7, NATX, Nacogdoches, 141.93, 13, PFAKE, LR, 14 18 00.0 +1.4, NATX, NATX, LR, LR, 14 18 00.0 +1.4, BDFB, Brasilia, 141.96, 252, PKP, PKPpdf, 14 17 52.8 +6.3, BDFB, BDFB, PKP, PKPpdf, 14 17 52.8 +6.3, HKT, Hockley, 143.58, 15, PFAKE, LR, 14 18 00.0 +1.3, HKT, HKT, LR, LR, 14 18 00.0 +1.3, CPUP, Villa Florida, 146.12, 229, PKPbc, PKPbc, 14 17 55.9 +1.4, DWPF, Disney, 146.39, 354, ePKPpdf, PKPpdf, 14 17 56.3 +2.5, DWPF, DWPF, PKPpdf, PKPpdf, 14 17 56.3 +2.5, SJG, San Juan, 149.83, 321, PFAKE, LR, 14 18 10.0 +1.0, SJG, SJG, LR, LR, 14 18 10.0 +1.0, TEIG, Tepich, 154.30, 6, ePKPbc, PKPpdf, 14 18 16.3 +1.0, TEIG, TEIG, PKP, PKP, 14 18 29.5 -1.4, TEIG, TEIG, LR, LR, 14 18 29.5 -1.4, LVC, Limon Verde, 156.68, 221, PFAKE, LR, 14 18 20.0 +1.1, LVC, LVC, LR, LR, 14 18 20.0 +1.1, SDV, Santo Domingo, 159.50, 314, ePKPpdf, PKPpdf, 14 18 14.5 +1.7, SDV, SDV, PKPpdf, PKPpdf, 14 18 14.5 +1.7, LPAZ, La Paz, 159.53, 236, PKP, PKPpdf, 14 18 16.1 +2.9, LPAZ, LPAZ, comp=Z, 4.6nm, 1.0s, baz=39, slow=2.8, SNR=12, PKP, PKPpdf, 14 18 16.1 +2.9, JTS, Juntas Abangare, 164.33, 358, PFAKE, LR, 14 18 30.0 +1.2, JTS, JTS, LR, LR, 14 18 30.0 +1.2, ROSC, El Rosal, 164.92, 313, PKP, PKPpdf, 14 18 21.7 +3.3, ROSC, ROSC, comp=Z, 9nm, 0.9s, baz=88, slow=2.1, SNR=9.6, ePKP, ePKP, 14 18 21.7 +3.3, OTAV, Otavalo, 171.04, 309, ePKPpdf, PKPpdf, 14 18 24.7 +2.3, OTAV, OTAV, PKPpdf, PKPpdf, 14 18 24.7 +2.3, ISK 12 14:00:17.3, 34.52N, 33.24E, h28km, ML3.8, CSEM 12 14:00:19.3, 0.1, 34.77N, 33.06E, h10km, MW3.6, Error ellipse: s-maj=2.2km s-min=1.1km az=55.0, IDC 12 14:00:19.8, 1.4, 34.54N, 32.93E, mb3.4/2, mb1 3.7/7, mb1mx3.6/19, mbtmp3.5/7, ML3.3/5, MS2.9/1, Ms1 2.9/1, ms1mx2.7/12, Error ellipse: s-maj=37.8km s-min=18.4km az=58.0, NIC 12 14:00:21.4, 0.3, 34.86N, 33.04E, h5km, ML3.8, MW3.6, NIC Felt earthquake; Maximum Intensity 3; Felt I-III MM at Kalo Chorio - Limasol, Gill 12 14:00:21.9, 0.5, 34.69N, 32.93E, h25km, 30km, ML3.5/6, MW3.6/5, NEIC 12 14:00:21.4, 0.4, 34.86N, 33.04E, h5km, ML3.8(NIC), After NIC, NEIC Felt (III) at Kalkohorio. Felt at Akrifoti, ISC 12 14:00:19.8, 0.5, 34.69N, 0.02, 33.08E, 0.04, h20km, 5km, n55, c1905/70, mb3.5/1, 1C, Cyprus region, Code Station Name Δ° AZ° Phase ID Time Res h m s ISC SZAC Souni-Zanaja 0.17 292 11n P Pb 14 00 25.3 +0.8 CSS Prodhromos 0.34 38 P S Pb 14 00 26.5 +0.6 CSS CSS S S Pb 14 00 30.0 -1.1 CSS Prodhromos 0.34 38 P Pb 14 00 26.6 -0.0 LEF Lefka 0.45 340 iG Pb 14 00 30.5 +1.5 MAMM Mammari 0.49 14 P Pb 14 00 28.9 -0.7 ALFO Alevgi 0.61 330 P Pb 14 01 01.0 -0.6 AKKM Akamas 0.70 299 P Pb 14 00 32.9 -0.2 PHNC Paralimni 0.85 68 P Pb 14 00 37.7 +2.1 EREN Erenkoy 1.23 47 Pn Pb 14 00 40.5 -1.5 IKL Isikii 1.62 18 Pn Pb 14 00 45.8 -1.8 MEST Erdemli 2.08 24 Pn Pb 14 01 07.9 -0.2 BHL Bhannes 2.27 110 SN Sn 14 01 21.9 -2.8 HDHM Hadim 2.32 348 Pn Sn 14 00 57.9 +0.3 HNTI Hanita 2.37 132 Pn Sn 14 01 27.2 +1.4 HWQ Hawqa 2.41 99 Pn Sn 14 00 58.4 0.0 HWQ Hawqa 2.41 99 SN Sn 14 00 59.2 +0.4 HWQ Hawqa 2.41 99 eP Sn 14 00 59.2 +0.3 HWQ Haifa 2.51 139 Pn Sn 14 01 27.7 -0.4 OFRI Ofir 2.61 142 Pn Sn 14 01 00.6 +0.3 KSDF Kefar Szold 2.62 124 Pn Sn 14 01 02.8 +0.9 KSHT Keshet 2.85 126 Pn Sn 14 01 06.2 +1.1 HTY Hatay 2.88 59 ePn Pn 14 01 02.3 -3.3 GLH Golan-Tel Qazi 2.92 132 Pn Pn 14 01 07.2 +1.0 SLTI Sa'it 2.95 146 Pn Sn 14 01 07.1 +0.5 SLTI Sa'it 2.95 146 SN Sn 14 01 07.0 0.0 MMLI Mount Malkishu 2.98 138 SN Sn 14 01 09.7 -0.1 COBT Iskenderun 3.17 54 iP Pn 14 01 09.3 +0.4 HMDT Nahal Hemdat 3.18 139 Pn Sn 14 01 10.5 +0.8 HMDT HMDT SN Sn 14 01 18.5 +0.8 ELL Elimali 3.29 309 ePn Pn 14 01 17.7 +0.2 NIC Nigde 3.50 20 Pn Sn 14 01 15.5 -0.7 DRGI Dragot 3.65 147 Pn Pn 14 01 17.1 +0.5 FETY Fethiye 3.78 302 ePn Pn 14 01 18.5 +0.1 MKRJ Makavir 3.80 145 Pn Pn 14 01 19.6 +0.9 RTMM Retamin 3.88 159 Pn Pn 14 01 19.3 -0.5 MZDA Masada 3.88 150 Pn Pn 14 01 20.1 +0.3 MZDA Masada 3.88 150 SN Sn 14 01 20.9 +0.3 KZIT Kziot 3.94 163 Pn Sn 14 02 05.9 -0.9 KZIT KZIT SN Sn 14 02 05.9 -0.9 ASF Jabal al Asfar 4.07 127 Pn Sn 14 01 22.8 +0.3 ASF ASF 2.9nm, 0.3s, baz=184, slow=9.8, SNR=9.3, Sn 14 02 12.4 +2.3 ASF ASF 2.9nm, 0.3s, baz=333, slow=1.7, SNR=5.1, LR 14 03 24.4 DALT Delyan (Mudia) 4.15 301 ePn Pn 14 01 24.3 +0.5 GAZ Gaziantep 4.17 52 Pn Pn 14 01 20.8 -3.1 KAHT Ahrig Dag 4.25 45 ePn Pn 14 01 27.6 +2.6 KIZT Kizilcal 4.29 347 ePn Pn 14 01 25.6 0.0 AVNT Avonos 4.32 19 iP Pn 14 01 25.9 +0.8 ZFRI Zfir 4.49 156 Pn Pn 14 01 27.8 -0.7 ZFRI Gaziantep 4.59 157 iP Pn 14 01 15.5 -0.7 BRTR Keskin Array B 5.04 5 Pn Pn 14 01 37.0 +0.7 BRTR BRTR 0.4nm, 0.3s, baz=183, slow=1.5, SNR=9.6, Sn 14 02 37.0 +2.2 BRTR BRTR 0.2nm, 0.3s, baz=180, slow=2.7, SNR=4.8, Sn 14 01 37.0 +2.2 BRTR BRTR Keskin Array B 5.04 5 Sn Pn 14 02 37.0 +2.2

Table with columns: BRTR, Keskin Array B, 5.04, 5, Pn, Pn, 14 01 37.0 +0.7, MBH, Mount Berech, 5.13, 162, Pn, Pn, 14 01 37.2 -0.4, EIL, Elat, 5.25, 162, Pn, Pn, 14 01 38.1 -1.2, EIL, Eilat, 5.25, 162, Pn, Sn, 14 02 38.9 -1.1, EIL, Eilat, 5.25, 162, Pn, Sn, 14 02 38.1 -1.2, EIL, Eilat, 5.25, 162, Pn, Sn, 14 02 38.9 -1.1, MALT, Malatya, 5.62, 48, eP, Pn, 14 01 43.6 -0.9, MALT, Malatya, 5.62, 48, eP, Pn, 14 01 43.6 -0.9, MALT, Malatya, 5.62, 48, eP, Pn, 14 01 43.6 -0.9, MALT, Malatya, 5.62, 48, eP, Pn, 14 01 43.6 -0.9, SGKT, Sivrigoyun, 5.92, 352, iP, Pn, 14 01 47.5 -1.3, IDI, Anovya, 6.74, 277, Pn, Pn, 14 01 57.7 -2.6, IDI, Anovya, 6.74, 277, Pn, Sn, 14 01 57.7 -2.6, IDI, Anovya, 6.74, 277, Pn, Sn, 14 01 57.7 -2.6, IDI, Anovya, 6.74, 277, Pn, Sn, 14 01 57.7 -2.6, AKASG, Malin Array B, 16.24, 351, Pn, Pn, 14 04 08.8 +0.5, AKASG, Malin Array B, 16.24, 351, Pn, Pn, 14 04 08.8 +0.5, GERES, Geres Array B, 20.14, 320, P, P, 14 04 55.0 -0.4, GERES, Geres Array B, 20.14, 320, P, P, 14 04 55.0 -0.4, YKA, Yellowknife Ar, 79.72, 345, P, P, 14 12 31.4 +4.3, YKA, Yellowknife Ar, 79.72, 345, P, P, 14 12 31.4 +4.3, BUJ 12 14:03:40.4, 7.50N, 92.27E, h30km, mb4.8, Ms4.9, Msz4.2, NEIC 12 14:03:40.1, 0.3, 7.36N, 92.40E, h30km, mb4.7/9, Error ellipse: s-maj=12.6km s-min=8.7km az=52.0, IDC 12 14:03:44.8, 5.1, 7.38N, 92.37E, h69km, 45km, mb4.1/1.7, mb1 4.3/1.8, mb1mx4.2/23, mbtmp4.5/18, ML4.2/1, Error ellipse: s-maj=27.5km s-min=12.7km az=45.0, ISC 12 14:03:38.1, 0.4, 7.36N, 0.09, 92.41E, 0.10, h30km, n33, c0713/31, mb4.5/26, Nicobar Islands region, Code Station Name Δ° AZ° Phase ID Time Res h m s ISC CMAR Chiang Mai Arr 12.73 29 P Op ISC 14 06 44.9 +4.8 CMAR Chiang Mai Arr 12.73 29 P Op ISC 14 06 44.9 +4.8 SONM Songoing Array 42.05 14 P P 14 11 30.4 +1.6 SONM Songoing Array 42.05 14 P P 14 11 30.4 +1.6 ULN Ulaanbaatar 47.07 25 P P 14 11 30.3 -0.1 ULN Ulaanbaatar 47.07 25 P P 14 11 30.3 -0.1 HIA Hailar 47.67 24 eP P 14 12 13.6 -0.2 HIA Hailar 47.67 24 eP P 14 12 13.6 -0.2 BVAR Borovoye Array 48.94 343 P P 14 12 23.4 -0.2 BVAR Borovoye Array 48.94 343 P P 14 12 23.4 -0.2 BRVK Borovoye 49.00 342 eP P 14 12 23.7 -0.3 BRVK Borovoye 49.00 342 eP P 14 12 23.7 -0.3 WRA Warramunga Arr 49.37 324 P P 14 12 27.3 0.0 WRA Warramunga Arr 49.37 324 P P 14 12 27.3 0.0 CHKZ Chkalovo 49.44 343 eP P 14 12 27.0 0.0 CHKZ Chkalovo 49.44 343 eP P 14 12 27.0 0.0 ASAR Alice Springs 50.92 129 P P 14 12 38.7 -0.4 ASAR Alice Springs 50.92 129 P P 14 12 38.7 -0.4 ASAR ASAR 3.6nm, 0.9s, mb4.3, baz=301, slow=7.9, SNR=7.7, PnP, PnP, 14 13 55.6 +0.2 KMBO Kilima Mbojo 55.67 264 P P 14 13 14.9 +0.5 KMBO Kilima Mbojo 55.67 264 P P 14 13 14.9 +0.5 ASF Jabal Asfar 57.07 304 P P 14 13 25.0 +0.8 ASF Jabal Asfar 57.07 304 P P 14 13 25.0 +0.8 MALT Malatya 57.50 311 eP P 14 13 27.2 +0.1 MALT Malatya 57.50 311 eP P 14 13 27.2 +0.1 EIL Elat 58.20 300 eP P 14 13 33.0 +0.8 EIL Elat 58.20 300 eP P 14 13 33.0 +0.8 CTA Charters Tower 59.56 118 P P 14 13 42.2 +0.5 CTA Charters Tower 59.56 118 P P 14 13 42.2 +0.5 STKA Stephens Creek 61.01 133 P P 14 13 51.4 0.0 STKA Stephens Creek 61.01 133 P P 14 13 51.4 0.0 BRTR Keskin Array B 61.47 311 P P 14 15 53.1 -1.4 BRTR Keskin Array B 61.47 311 P P 14 15 53.1 -1.4 IDI Anovya 67.46 305 P P 14 14 33.5 -0.1 IDI Anovya 67.46 305 P P 14 14 33.5 -0.1 LSZ Lusak 67.88 250 P P 14 14 33.8 -0.3 LSZ Lusak 67.88 250 P P 14 14 33.8 -0.3 MLR Muntele Rosu 68.35 316 P P 14 14 38.5 -0.4 MLR Muntele Rosu 68.35 316 P P 14 14 38.5 -0.4 FINES Fines Array B 72.37 332 P P 14 15 02.1 -0.9 FINES Fines Array B 72.37 332 P P 14 15 02.1 -0.9 BOSA Boshof 73.86 238 eP P 14 15 12.1 -0.4 BOSA Boshof 73.86 238 eP P 14 15 12.1 -0.4 MORG Moresby Perou 74.65 320 P P 14 15 16.3 -0.3 MORG Moresby Perou 74.65 320 P P 14 15 16.3 -0.3 GERES Geres Array B 77.07 318 P P 14 15 30.7 +0.5 GERES Geres Array B 77.07 318 P P 14 15 30.7 +0.5 CLL Colim 77.67 321 P P 14 15 33.0 -0.5 CLL Colim 77.67 321 P P 14 15 33.0 -0.5 MAW Mawson 77.69 191 P P 14 15 34.6 +1.3 MAW Mawson 77.69 191 P P 14 15 34.6 +1.3 NOA NORSA Array B 79.34 331 P P 14 15 41.1 -1.3 NOA NORSA Array B 79.34 331 P P 14 15 41.1 -1.3 DAVOX Davos 79.57 316 P P 14 15 44.5 +0.5 DAVOX Davos 79.57 316 P P 14 15 44.5 +0.5 LPG La Plaz 81.77 315 eP P 14 15 56.4 +0.8 LPG La Plaz 81.77 315 eP P 14 15 56.4 +0.8 ESDC Sonseca Array 90.24 310 P P 14 16 38.3 +0.7 ESDC Sonseca Array 90.24 310 P P 14 16 38.3 +0.7 VNSA VNSA 92.78 168 P P 14 16 47.0 -1.3 VNSA VNSA 92.78 168 P P 14 16 47.0 -1.3 NVAR Mina Array Bea 126.22 30 PKP PKPpdf 14 22 42.3 -1.2 NVAR Mina Array Bea 126.22 30 PKP PKPpdf 14 22 42.3 -1.2 PDAR Pinedale Array 126.25 20 PKP PKPpdf 14 22 40.5 -2.9 PDAR Pinedale Array 126.25 20 PKP PKPpdf 14 22 40.5 -2.9 CSEM 12 14:08:47.3, 37.16N, 26.65E, h5km, MD3.6/7, After ATH, NEIC 12 14:08:47.3, 37.16N, 26.65E, h5km, MD3.7(ATH), After ATH, ATH 12 14:08:47.3, 37.16N, 26.65E, h5km, MD3.7/7, Dodecanese Islands, Code Station Name Δ° AZ° Phase ID Time Res h m s ISC KARP Karpathos 1.66 165 ePb Pn 14 09 18.6 +0.6 AKS Akhisar 1.95 28 eP Pn 14 09 17.0 -4.4 NPK Neapolis 2.07 204 ePn Pn 14 09 26.0 +2.4 PRS Parasevi 2.10 352 ePn Pn 14 09 26.0 +2.4 VAM Vam 2.64 232 Pn Pn 14 09 26.5 +1.9 BOZC Bozaccada 2.72 350 iP Pn 14 09 26.5 +1.9 VLI Velia 3.01 263 ePn Pn 14 09 38.9 +2.4 KYTH Kithira 3.03 254 ePn Pn 14 09 39.5 +2.6 ITM Ithomi 3.77 272 ePn Pn 14 09 44.1 -3.3 IDC 12 14:13:09.2, 2.5,

ILAR	SNR=10 Eielson Array comp=Z,6.3nm,0.8s,m4,b2,baz=268,slow=6.1,SNR=53	51.93 31 P	P	18 50 55.8 -1.0
AAK	SNR=17 Ala-Archa 52.06 300 P			18 50 57.8 -0.2
AAK	SNR=17 Ala-Archa 52.06 300 P			18 50 56.5 -1.5
AAK	comp=Z,15nm,1.0s,m4,b9			
AAK	Ala-Archa 52.06 300 eP			18 50 56.5 -1.5
UCH	comp=Z,15nm,1.0s,m4,b9			
UCH	Uchtor 52.14 300 P			18 50 59.3 +0.6
CHKZ	SNR=8.3 Chkalovo 52.46 315 iP			18 50 59.8 -1.0
CHKZ	comp=Z,26nm,1.4s,m5,b4			
CHKZ	Chkalovo 52.46 315 eP			18 50 59.5 -1.3
EKSZ	comp=Z,59nm,1.1s,m5,b4			
EKSZ	Erkin-Say 52.56 301 P			18 51 00.8 -1.0
BVAO	SNR=3.5 Borovoye Array 52.69 314 iP			18 51 00.9 -1.7
BVAO	comp=Z,8.0nm,1.3s,m4,b5			
BVAO	Borovoye Array 52.69 314 P			18 51 01.9 -0.7
BVAR	comp=Z,1.6nm,0.9s,m4,b9,slow=7.4,SNR=68			
BRVK	Borovoye 52.75 314 eP			18 51 01.8 -1.2
BRVK	comp=Z,39nm,1.0s,m5,b3			
BRVK	Borovoye 52.75 314 eP			18 51 01.8 -1.2
AML	SNR=48 Almayashu 52.76 300 P			18 51 03.9 +0.6
CTA	Charters Tower 54.05 175 P			18 51 12.9 -0.2
CTA	Warramunga Arr 54.16 188 eP			18 51 12.9 -0.2
FITZ	comp=Z,5.3nm,0.7s,m4,b6,baz=340,slow=13,SNR=3.8			
FITZ	Fitzroy Crossi 54.07 199 iP			18 51 12.7 -0.6
WRAB	comp=Z,26nm,0.6s,m5,b3			
WRAB	Tennant Creek 54.15 188 eP			18 51 11.2 -2.7
WRB	Warramunga Arr 54.16 188 eP			18 51 12.2 -1.7
WRB	Warramunga Arr 54.16 188 P			18 51 12.5 -1.4
INAK	SNR=3.5 Inuvik 56.96 26 eP			18 51 32.1 -1.4
INAK	comp=Z,11nm,1.1s			
INAK	Inuvik 56.96 26 eP			18 51 32.0 -1.5
SVE	SNR=5 Sverdlorlov 57.47 320 iP			18 51 36.0 -1.3
SVE	comp=Z,200nm,2.5s,m5,b3			
ASAR	Alice Springs 57.89 188 P			18 51 39.5 -1.2
ASAR	comp=Z,6.4nm,0.8s,m4,b8,baz=11,slow=7.3,SNR=68			
ASPA	Alice Springs 57.89 188 iP			18 51 39.4 -1.2
HYB	Hyderabad 58.31 270 eP			18 51 42.0 -1.6
HYB	comp=Z,100nm,1.2s,m5,b7			
HYB	Hyderabad 58.31 270 eP			18 51 42.0 -1.6
HYB	Hyderabad 58.31 270 iP			18 51 42.0 -1.6
ARU	Arti 58.68 320 iP			18 51 41.5 -4.2
ARU	comp=Z,100nm,1.2s,m5,b7			
ARU	Arti 58.68 320 eP			18 52 29.5
ARU	Arti 58.68 320 eP			18 53 51.3
ARU	Arti 58.68 320 eP			18 53 49.4 -3.1
ARU	Arti 58.68 320 eP			19 03 40.5 -0.5
ARU	comp=Z,52nm,1.1s,m5,b5			
ARU	Arti 58.68 320 eP			18 53 50.6 +0.6
ARU	comp=E,2um,17.0s,MS5.2			
ARU	Arti 58.68 320 eP			18 53 50.5 +0.4
ARU	comp=Z,2um,17.0s,MS5.4			
ARU	Arti 58.68 320 eP			18 53 51.3 +0.6
MBWA	SNR=400nm,18.0s,MS5.2			
SOKR	Solkamsk 58.74 204 P			18 51 44.9 -1.7
SOKR	Solkamsk 58.74 204 P			18 51 43.9 -2.4
SOKR	comp=Z,10.0nm,0.9s,m4,b8			
DLBB	Dease Lake 60.88 37 eP			18 51 59.8 -1.0
DLBB	Bella Bella 64.10 43 LR			19 20 13.2
RES	comp=Z,412nm,18.6s,MS4.7,baz=84,slow=36			
RES	Resolute Bay 65.43 14 eP			18 52 28.9 -1.6
RES	comp=Z,22nm,1.2s,m5,b1			
RES	Resolute Bay 65.43 14 eP			18 52 28.9 -1.6
APA	Apatity 65.44 336 iP			18 52 30.3 -0.3
APA	comp=Z,22nm,1.2s,m5,b1			
APA	Apatity 65.44 336 eP			18 52 45.4
STKA	SNR=5.3nm,0.8s,m4,b6			
STKA	Stevens Creek 65.60 180 eP			18 52 32.0 -0.3
STKA	Stevens Creek 65.60 180 P			18 52 32.1 -0.2
STKA	comp=Z,6.9nm,1.1s,m4,b6,baz=345,slow=8.4,SNR=4.7			
FORT	Forrest 65.76 193 iP			18 52 32.8 -0.5
FORT	comp=Z,147nm,0.6s			
PECR	Pechory 66.25 323 eP			18 52 34.4 -1.6
PECR	comp=Z,6um,17.0s,MS5.8			
PECR	Pechory 66.25 323 eP			18 52 34.4 -1.6
PECR	comp=N,4um,16.0s			
YKA	Yellowknife Ar 66.30 29 P			18 52 35.5 -0.7
YKA	comp=Z,1.3nm,0.8s,m4,b0,baz=299,slow=6.3,SNR=18			
ARCES	ARCCESS Array B 66.81 340 P			18 52 38.9 -0.4
ARCES	comp=Z,1.0nm,0.6s,m4,b0,baz=45,slow=5.1,SNR=4.8			
ARCES	ARCCESS Array B 66.81 340 LR			19 24 23.9
ARCES	comp=N,892nm,18.7s,MS5.0,baz=58,slow=38			
ARCES	ARCCESS Array B 66.81 340 P			18 52 38.9 -0.4
ARCES	ARCCESS Array B 66.81 340 LR			19 24 23.9
JOF	Joensuu 68.64 333 eP			18 52 49.0 -1.8
MOS	Moscow 69.71 324 eP			18 52 57.3 -0.2
MOS	comp=Z,15nm,1.0s,m4,b9			
MOS	Moscow 69.71 324 eP			18 53 12.9
MOS	Moscow 69.71 324 eP			18 55 29.7
MOS	Moscow 69.71 324 eP			18 57 14.4 +1.2
MOS	Moscow 69.71 324 eP			19 02 04.7 +2.1
MOS	Moscow 69.71 324 eP			19 02 34.1
MOS	comp=Z,46nm,0.7s,m5,b5			
MOS	Moscow 69.71 324 eP			18 54 08.0 +1.3
MOS	comp=Z,2um,15.5s,MS5.4			
MOS	Moscow 69.71 324 eP			18 54 11.5 +1.9
NWAO	Narogin (SRO) 70.47 202 P			18 53 03.4 +0.8
NWAO	comp=Z,9.5nm,0.6s,m4,b9,baz=349,slow=5.3,SNR=7.5			
OBN	Obninsk 70.55 324 iP			18 53 01.0 -1.7
OBN	comp=Z,33nm,1.2s,m5,b1			
OBN	Obninsk 70.55 324 eP			18 55 35.3
OBN	comp=Z,2um,18.0s,MS5.3			
FINES	FINES Array B 71.49 333 P			18 53 07.9 -0.3
FINES	comp=Z,160nm,0.9s,m4,b9,baz=76,slow=7.9,SNR=19			
FINES	FINES Array B 71.49 333 LR			19 28 08.0
EDM	Edmonton 71.59 38 eP			18 53 08.6 -0.3
NEW	Newport 72.16 43 eP			18 53 12.1 -0.3
NEW	comp=Z,20nm,1.5s			
NEW	Newport 72.16 43 eP			18 53 12.1 -0.3
NEW	comp=Z,740nm,19.0s			
NEW	Newport 72.16 43 eP			18 53 12.1 -0.3
NEW	comp=Z,20nm,1.5s,m4,b8			
NEW	Newport 72.16 43 eP			18 53 12.1 -0.3
GOF	SNR=5.0nm,19.0s,MS5.0			
GOF	Gofitskoye 72.18 313 iP			18 53 12.0 -0.6
GOF	comp=Z,50nm,1.4s,m5,b2			
TIZ	Plekhanov 72.78 309 eP			18 53 17.2 +1.0
TIZ	comp=Z,2um,12.0s,MS5.5			
TIZ	Plekhanov 72.78 309 eP			18 53 17.2 +1.0
ZEI	Tsey 72.80 310 eP			18 53 15.4 -0.9
KIV	Kislovodsk 72.96 312 P			18 53 18.7 +1.5
KIV	comp=Z,319nm,1.1s,SNR=16			
KIV	Kislovodsk 72.96 312 eP			18 53 17.2 0.0
KIV	comp=Z,80nm,1.2s,m5,b5			
KIV	Kislovodsk 72.96 312 eP			18 53 17.2 0.0
VSU	Vasula 73.07 330 iP			18 53 17.6 0.0
WALA	Waterton Lakes 73.54 42 eP			18 53 20.2 -0.4
GNI	Garni 73.59 307 eP			18 53 21.8 +0.8
GNI	comp=Z,20nm,1.0s			
GNI	Garni 73.59 307 eP			18 53 21.8 +0.8
GNI	comp=Z,14nm,1.1s,m4,b8,baz=162,slow=3.2,SNR=9.4			
GNI	Garni 73.59 307 eP			18 53 21.8 +0.8
SUM	Summit 73.64 0 eP			18 53 20.6 -0.1
BMO	Blue Mountains 73.85 47 eP			18 53 22.8 +0.4
BMO	comp=Z,1.4nm,0.4s,m4,b2			
OHMC	SNR=2.443nm,20.0s,MS4.8			
HOC	Honcut 74.08 53 eP			18 53 23.3 -0.5
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.0
SOC	comp=Z,29nm,1.2s,m5,b1			
SOC	Sochi 74.98 313 eP			19 03 08.2 +5.2
SOC	comp=N,76nm,1.8s			
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.0
SOC	comp=E,12nm,1.0s			
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.0
SOC	comp=Z,981nm,20.0s,MS5.1			
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.1
SOC	comp=N,198nm,13.0s			
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.1
SOC	comp=E,642nm,17.0s			
SOC	Sochi 74.98 313 eP			18 53 27.0 -2.1
MNK	Minsk 75.04 326 eP			18 53 27.0 -2.1
CMB	Columbia Colle 75.49 49 eP			18 53 31.5 -0.5
CMB	comp=Z,868nm,20.0s,MS5.0			
ANN	Anapa 75.69 315 eP			18 53 42.1 +9.1
ANN	comp=Z,48nm,1.1s,m5,b3			
ERZM	Erzurum 75.93 309 P			18 53 35.5 +1.1
HLID	Hailey 76.29 47 eP			18 53 37.3 +0.8
HLID	comp=Z,8.3nm,1.2s,m4,b5			
HLID	Hailey 76.29 47 eP			18 53 37.3 +0.8
FCC	Fort Churchill 76.58 26 eP			18 53 36.3 -1.5
FCC	comp=Z,688nm,20.0s,MS5.0			
FCC	Fort Churchill 76.58 26 eP			18 53 36.3 -1.5
FCC	comp=Z,19nm,1.3s,m4,b9			
FCC	Fort Churchill 76.58 26 eP			18 53 36.3 -1.5
NVC	Nova Aurora 76.58 26 eP			18 53 36.3 -1.4
NVC	comp=Z,59nm,1.3s,m4,b3			
NVC	Nova Aurora 76.58 26 eP			18 53 40.1 +1.4
NVC	comp=Z,3.4nm,1.0s,m4,b2,baz=277,slow=6.9,SNR=10			
NVAR	Nova Aurora 76.58 26 eP			19 23 48.2
NVAR	comp=Z,915nm,19.8s,MS5.1,baz=265,slow=30			
NVAR	Nova Aurora 76.58 26 eP			18 53 40.1 +1.5
NVAR	Nova Aurora 76.58 26 eP			19 23 48.2
AKASG	Malin Array Be 76.72 323 P			18 53 38.2 -0.5
AKASG	comp=Z,14nm,0.8s			
AKASG	Malin Array Be 76.72 323 P			18 53 38.1 -0.6
AKASG	comp=Z,14nm,0.8s,m4,b9,baz=45,slow=5.9,SNR=45			
MNV	Mina 76.76 53 eP			18 53 40.0 +0.8
NORSAR	NORSAR Subarra 76.96 338 P			18 53 39.4 -0.5
NORSAR	comp=Z,29nm,1.1s,m5,b1,baz=39,slow=5.3			
NORSAR	NORSAR Subarra 76.96 338 P			18 53 39.4 -0.5
NORSAR	comp=Z,29nm,1.1s,m5,b1,baz=39,slow=5.3			
NORSAR	NORSAR Subarra 76.96 338 P			18 53 39.4 -0.5
NOA	NORSAR Array B 76.96 338 P			18 53 40.0 +0.1
NOA	comp=Z,7.7nm,0.8s,m4,b7,baz=39,slow=5.7,SNR=11			
NOA	NORSAR Array B 76.96 338 P			19 31 31.6
QLMT	Earthquake Lab 77.33 44 eP			18 53 43.1 +0.8
SIM	Simferopol 77.54 316 eP			18 53 44.1 +0.7
SIM	comp=Z,20nm,0.7s,m5,b2			
YMR	Madison River 77.70 44 eP			18 53 44.3 0.0
ELZG	Elazig 78.24 309 P			18 53 47.2 -0.3
KONO	Kongsberg 78.55 337 P			18 53 47.2 -1.5
BGU	Big Grassy Mou 78.64 48 eP			18 53 49.7 +0.2
MALT	Malatya 78.71 309 eP			18 53 50.6 +0.6
MALT	comp=Z,19nm,1.1s,m4,b9			
MALT	Malatya 78.71 309 eP			18 53 50.6 +0.6
MALT	comp=Z,18nm,1.1s,m4,b9			
AHID	Auburn Hatcher 78.73 46 eP			18 53 50.5 +0.4
TPNV	Topopah Spring 78.84 53 eP			

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like KWP, KALWARIA, BOYBT, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like FUR, DMUB, KBA, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like LPG, MAIM, AQU, etc.

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

ISK 13 06:48:56.7, 36.80N-27.65E, h28km, MD3.3
ATH 13 06:48:57.8, 37.00N-27.95E, h29km, MD3.6/5
NEIC 13 06:48:57.8, 37.00N-27.95E, h29km, MD3.6(ATH), After ATH.

CSEM 13 06:48:59.4, 0.2, 37.03N-27.94E, h30km, MD3.3, Error ellipse: s-maj=6.9km s-min=4.0km az=41.0

ISC 13 06:48:59.3, 0.7, 36.96N-0.03, 27.85E, 0.4, h22km, 7km, n17, r117/27, Dodecanese Islands

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

IDC 13 07:00:08.9, 2.0, 3.66S-150.64E, mb3.6/3, mb1 3.9/3, mb1mx3.6/13, mbtmp3.6/3, Error ellipse: s-maj=158.8km s-min=28.9km az=124.0, New Ireland region

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

ROM 13 07:15:38.1, 0.4, 43.14N-15.55E, h10km, MD3.4/5, ML3.0/13, Error ellipse: s-maj=4.4km s-min=2.4km az=90.0

IDC 13 07:15:38.0, 1.8, 43.31N-15.56E, mb3.7/5, mb1 3.9/8, mb1mx3.7/20, mbtmp3.7/8, ML3.5/3, Error ellipse: s-maj=34.0km s-min=17.0km az=49.0

NEIC 13 07:15:38.9, 0.5, 43.15N-15.30E, h10km, ML3.8(VIE), Error ellipse: s-maj=6.3km s-min=5.2km az=121.0

KDAG 13 07:15:39.2, 0.1, 43.22N-15.29E, h10km, ML3.6/6, Error ellipse: s-maj=2.5km s-min=1.7km az=97.0

LDG 13 07:15:41.5, 0.4, 43.19N-15.31E, h10km, ML3.6/8, Error ellipse: s-maj=10.4km s-min=4.6km az=71.0

ISC 13 07:15:37.0, 3.4, 43.19N-0.02, 15.37E, 0.05, h10km, n95, r148/125, mb3.6/5, 2C-5D, Adriatic Sea

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAVOX, GEC2, GERES, etc.

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

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

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

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

OTT 13 07:21:53.6, 0.7, 62.94N-67.41W, h18km, MN2.8/2, 106km southeast from Iqaluit, Nu, Baffin Island region

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

IDC 13 07:23:29.0, 0.6, 22.22N-143.69E, mb4.2/12, mb1 4.4/12, mb1mx4.2/20, mbtmp4.2/12, Error ellipse: s-maj=27.2km s-min=16.0km az=93.0

NEIC 13 07:23:41.4, 1.2, 22.19N-143.65E, h98km, mb4.2/9, Error ellipse: s-maj=13.2km s-min=6.8km az=87.0

ISC 13 07:23:40.1, 2.0, 22.18N-106.143.6E, 0.1, h103km, 19km, n27, r084/26, mb4.1/19, Volcano Islands region

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

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

BUJ 13 07:28:33.4, 7.24N-92.37E, h41km, mb4.5, mb4.8, Ms4.7, Ms2.5

IDC 13 07:28:36.6, 0.7, 7.35N-92.39E, h32km, 4km, mb4.0/11, mb1 4.2/12, mb1mx4.0/21, mbtmp4.2/12, ML4.3/1, Error ellipse: s-maj=32.4km s-min=12.3km az=50.0

NEIC 13 07:28:36.4, 0.3, 7.28N-92.42E, mb4.8/8, Error ellipse: s-maj=11.2km s-min=7.7km az=57.0

ISC 13 07:28:34.4, 1.9, 7.29N-0.07, 92.42E, 0.07, h34km, 17km, h32km, 2.5km, pp-P, n37, r081/37, mb4.5/25, MS4.7/2, 1C, Nicobar Islands region

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Plagne, Montbardon, La Forest Royal, Haudompre, La Chapelle, etc.

INET 13 08:57:42.8, 1.11N-87.55W, h15km, MD4.0
CASC 13 08:57:46.9, 2.6, 11.40N-87.45W, h23km, 12km, MD4.3
IDC 13 08:57:46.0, 1.2, 36.9N-86.40W, mb3.6/4, mb1.3, 9/4,
mb1.3, 5/17, mb2.0/3.6/4, Error ellipse: s-maj=102.8km
s-min=54.4km az=20.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Copalpete, Leon, Miramar, Telica, etc.

IDC 13 09:02:39.4, 1.6, 13.04N-92.65E, mb3.7/4, mb1.3, 9/5,
mb1mx3.7/18, mbtmp3.7, ML4.0/1, Error ellipse:
s-maj=50.0km s-min=24.2km az=66.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Blair, Chiang Mai Arr, Jirih, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Koldanda, Songino Array, Warramunga Arr, etc.

IDC 13 09:22:09.2, 4.1, 13.76N-92.86E, mb3.9/3, mb1.4, 1/3,
mb1mx3.7/17, mbtmp3.9/3, Error ellipse: s-maj=548.3km
s-min=28.9km az=50.0

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

NEIC 13 09:23:50.7, 6.54N-92.44E, h30km, mb4.6/4, Error
ellipse: s-maj=15.3km s-min=13.7km az=203.0

IDC 13 09:23:51.6, 1.0, 6.54N-92.41E, h38km, mb3.9/8,
mb1.4, 2/9, mb1mx4.0/18, mbtmp4.2/9, ML4.7/1, MS3.1/1,
Ms1.3, 3/1, ms1mx2.8/20, Error ellipse: s-maj=36.2km
s-min=15.5km az=54.0

BUI 13 09:23:55.7, 6.50N-92.40E, h30km, mb5.1, mb4.4
IDC 13 09:23:49.8, 6.0, 6.50N-10.92, 43E-10.10, h39km,
h39km, 2.0km, p-P, n23, 0.8/22/23, mb4.5/20, Nicobar
Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Blair, Chiang Mai Arr, Hyderabad, etc.

BUI 13 09:56:20.6, 12.70N-88.20W, h49km, mb5.7, Ms5.3,
Ms4.9

CASC 13 09:56:20.9, 2.7, 12.65N-88.34W, h35km, 999km, MD4.9,
ML5.0, mb5.0(NEIC)
IDC 13 09:56:20.1, 0.5, 12.77N-88.08W, h41km, 3km, mb4.4/18,
mb1.4/19, mb1mx4.4/23, mbtmp4.7/19, ML4.5/1, MS4.4/15,
Ms1.4, 4/15, ms1mx4.1/22, Error ellipse: s-maj=19.3km
s-min=10.4km az=57.0

NEIC 13 09:56:20.6, 0.2, 12.69N-88.22W, mb5.0/51,
MD5.1(SNET), MD5.0(CASC), Error ellipse: s-maj=5.7km
s-min=3.0km az=225.0

NEIC Fell [I] at San Salvador.
HRVD 13 09:56:20.6, 0.2, 12.43N-88.52W, h44km, MW5.3/57,
Centroidal moment tensor solution. 1P body waves.
P: 2.99; Mantle waves: s54.02; Half duration: 1.91
Moment tensor: Scale 10^17Nm; M=0.92, +/-0.03;
Mw=0.75, +/-0.02; Mw=0.77, +/-0.02; Mw=0.19, +/-0.11; Mw=0.17, +/-0.02; Best double couple: Mw=0.91, +/-0.07;
Mw=0.298, +/-0.39; NP2=0.120, +/-0.51; NP1=
-1.037, +/-0.39; Azm36; N. 093, P1g1;
-1.037, P1g6; Azm209; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 13 09:56:19.3, 0.2, 12.67N-88.33W, 0.02, h48km,
h48km, 1.0km, p-P, n243, 0.193/241, mb4.9/58, MS4.5/15,
11C-29D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Bellamira, San Vicente, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Serv Nac Est T, Boqueron, Leon, etc.

Robleda
APYU Apoyeque
MTOZ Montecristo 2
XAVN Gruta Xavier
MGAN Managua

TICN Ticutanepe
WILLN Americas 2
WILLN Playtays
AFYON Afpo

ICG Ixcaco
NBG Las Nubes
NBG San Juan del S
SNNH Concepcion
CONN Conception

MADN Villa Maderas
JAT Jato
JAT Vista de Mar
VCR Vista de Mar
JCR JuntasAbangare

JCR JuntasAbangare
FORC Fortuna
FORC Fortuna
JCAR Jicaral
JCAR Jicaral

JCAR Jicaral
JCAR Cerro Gallo 2
CGA2 Cerro Gallo 2
VPS2 Volcan Poas 2
VPS2 Volcan Poas 2

PRSI Puriscal
PRSI Puriscal
TRTC Tortuguero
TRTC Tortuguero
PAJ Bijagual
LAJ Bijagual

LAJ Bijagual
SJS Escuela Geolog
SJS Escuela Geolog
SJS Comitien
CCIG Comitien

LCHR La Lucha 2
LCHR La Lucha 2
LCHR La Lucha 2
ICR Volcan Irazu
ICR Volcan Irazu

ICR Volcan Irazu
QCR Quepos
URSC Urasca
URSC Urasca

URSC Urasca
BUS Buena Vista
BUS Buena Vista
BUS Buena Vista

ACR Cerro Adams
ACR Cerro Adams
ACR Cerro Adams
TEPICH Tepich

CMIG Matias Romero
HUU Huatulo
OXX Oaxaca
OXX Oaxaca

VHM Vista Hermosa
PHO Popocatepetl
PLUG Plugar
UNM Universidad Na
PAYG Puerto Ayora

MOIG Morelia
OTAV Otavalo
SFJM Santa Fe
COLM Colima
DWPF Disney

SDV Santo Domingo
SDV Santo Domingo
SDV Santo Domingo
SDV Santo Domingo

HKT Hockley
NATX Natix
LRAL Lakeview Rete
JCT Junction City

HBF Haris Bulfinch
RGRS Roger Stewart
NHSC New Hope
NHSC New Hope

TWB Tillmans-White
COW Cow Castle Cre
OXF Oxford
LTX Lajitas

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Table with columns: BRTR, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, MBWA Marble Bar, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIPH Bislig, MATI Mati, BUTP Butuan, etc.

MAN 13 11:28:03.8, 8.38N, 127.55E, h1km, mb4.8, ML3.7, MS3.7
IDC 13 11:28:07.0, 7.23N, 126.73E, mb4.1/12, mb1 4.2/12,
mb1mx4.1/19, mbtmp4.1/12, MS3.6/1, Ms1 3.6/1,
ms1mx2.5/26, Error ellipse: s-maj=41.2km s-min=15.9km
az=69.0

NEIC 13 11:28:09.3, 0.5, 8.36N, 126.92E, h10km, mb4.5/9, Error
ellipse: s-maj=16.3km s-min=9.6km az=67.0

ISC 13 11:28:05.1, 0.5, 8.37N, 0.04E, 127.37E, 0.41km, n48,
@139/57, mb4.4/23, 1C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIPH Bislig, MATI Mati, BUTP Butuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, MBWA Marble Bar, ASAR Alice Springs, etc.

BUI 13 11:31:43.6, 0.8, 3.80N, 94.40E, h30km, mb4.5
IDC 13 11:31:45.6, 0.8, 3.72N, 94.31E, h28km, mb3.9,
mb1 4.1/10, mb1mx4.0/19, mbtmp4.1/10, ML4.2/1, MS2.8/1,
Ms1 3.0/1, ms1mx2.9/18, Error ellipse: s-maj=31.0km
s-min=16.6km az=48.0

NEIC 13 11:31:45.6, 0.6, 3.77N, 94.38E, h30km, mb4.8/8, Error
ellipse: s-maj=20.8km s-min=8.8km az=58.0

ISC 13 11:31:43.4, 0.6, 3.71N, 0.09, 94.3E, 0.1, h29km,
h29km, 71km, pP-P, n35, @119/32, mb4.5/23, 1D, Off west
coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, HYB Hyderabad, etc.

ASAR Alice Springs 54.85 131 P P 12 01 46.7 -2.0
0.5nm, 0.5s, baz=307, slow=6.7, SNR=14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 13 11:54:09.5, 16.30N, 120.34E, h3km, mb4.3, ML3.2, MS3.0, 1C, Luzon

IDC 13 11:59:43.8, 5.1, 3.47S, 149.25E, mb4.0/4, mb1 4.2/5,
mb1mx3.9/13, mbtmp4.0/5, ML2.3/1, MS3.8/3, Ms1 3.8/3,
ms1mx3.4/15, Error ellipse: s-maj=135.0km s-min=28.7km
az=96.0

NEIC 13 11:59:53.9, 1.3, 3.19S, 148.03E, h35km, mb4.3/4, Error
ellipse: s-maj=35.7km s-min=11.2km az=98.0

ISC 13 11:59:51.0, 1.5, 3.16S, 0.07, 148.1E, 0.3, h33km, n13,
@069/13, mb4.1/7, MS3.7/3, Bismarck Sea

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.

NEIC 13 12:00:58.0, 45.659N, 74.83W, h18km, MN2.7(OTT), After
OTT

NEIC Fell at Alfred, Ontario.
OTT 13 12:00:58.4, 0.1, 45.68N, 74.82W, h7km, 1km, MN2.7/29,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALFO Alfred, GAC Glen Almond, MRHO Morin Heights, etc.

Table with columns: IDI, Anoyia, 71.86 306 P, P, 12 48 23.9 -0.2, etc. Includes stations like FINES, SUR, ARCES, etc.

ATH 13 12:53:04.9, 37.00N-28.07E, h54km, 16km, MD3.2/4
CSEM 13 12:53:04.9-0.1, 36.96N-27.91E, h15km, MD3.1, Error
ellipse: s-maj=2.8km s-min=2.0km az=46.0

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

MOS 13 12:56:32.3-1.3, 13.57N-92.31E, h33km, mb4.9/16, Error
ellipse: s-maj=15.4km s-min=9.0km az=103.4

IDC 13 12:56:40.7-0.6, 14.53N-92.30E, h24km, mb4.2/18,
mb1.4/3/19, mb1mx4.2/24, mbtmp4.3/19, ML3.6/1, MS4.1/11,
M1.4/2/11, ms1mx3.9/22, Error ellipse: s-maj=26.0km
s-min=11.2km az=50.0

NEIC 13 12:56:40.3-0.3, 14.51N-92.26E, mb4.8/12, Error ellipse:
s-maj=7.8km s-min=5.9km az=58.0
BUJ 13 12:56:41.7, 15.16N-92.09E, h5km, mb5.0, mb4.6, Ms4.6,
Ms24.4

IDC 13 12:56:38.4-0.3, 14.57N-0.04-92.27E, 0.04, h25km,
h25km, 1.2km, p-P, n108, e132/114, mb4.6/41, MS4.3/16,
2C-6D, Andaman Islands region

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

Table with columns: LZH, XAN, WMO, etc. Includes stations like XAN, WMO, NJ2, KZA, AML, AAK, etc.

Table with columns: KMBO, BRTR, OBPN, etc. Includes stations like KMBO, BRTR, OBPN, PMG, etc.

IDC 13 13:04:34.1-24.0, 9.57N-94.52E, mb3.4/2, mb1.3/5/3,
mb1mx3.3/18, mbtmp3.2/3, ML3.4/1, Error ellipse:
s-maj=604.9km s-min=41.9km az=90.0, Nicobar Islands
region

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

IDC 13 13:09:06.5-6.8, 2.42N-94.48E, mb3.5/3, mb1.3/8/4,
mb1mx3.5/18, mbtmp3.5/4, ML3.5/1, Error ellipse:
s-maj=204.9km s-min=29.9km az=71.0, Off west coast
of northern Sumatra

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

IDC 13 13:22:39.7-0.7, 14.52N-92.35E, mb4.1/14, mb1.4/3/14,
mb1mx4.2/21, mbtmp4.1/14, ML3.2/1, Error ellipse:
s-maj=31.3km s-min=14.3km az=51.0

MOS 13 13:22:42.7-0.6, 14.60N-92.54E, h33km, mb4.8/7, Error
ellipse: s-maj=22.6km s-min=13.0km az=98.7
BUJ 13 13:22:43.9, 14.50N-92.40E, h30km, mb4.3
NEIC 13 13:22:44.0-0.4, 14.52N-92.39E, h30km, mb4.7/12, Error
ellipse: s-maj=11.2km s-min=7.4km az=56.0

IDC 13 13:22:42.1-0.5, 14.53N-0.07-92.42E, 0.08, h30km,
(h26km, 1.1km, p-P), n45, e097/45, mb4.4/25, Andaman
Islands region

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

13D 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, etc.

MOS 13 13:25:27.0, 1.0, 14.49N, 92.30E, h33km, mb5.0/23, Error ellipse: s-maj=13.4km s-min=9.1km az=91.9

NEIC 13 13:25:28.5, 0.3, 14.54N, 92.39E, h30km, mb4.8/26, Error ellipse: s-maj=8.6km s-min=7.9km az=69.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, CAL Calcutta, etc.

2005 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ULN Ulanbaatar, ZAK Zakamensk, TLY Talaya, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like RES Resolute Bay, SYO Syowa Base, URO Urewera, etc.

Table with columns: S/GK, SV, 3.52 66 iP, Pg, 13 38 30.3 -4.1, S/GK, NSAL, Nisos Salamina, 3.67 251 ePG, Sg, 13 39 19.8 -1.5, KARP, Karpathos, 3.68 189 ePN, Pn, 13 38 22.5 +4.7, Pn, 13 38 22.5 +0.3

IDC 13 13:38:57.6:1.4, 38.61N:27.41E, mb3.1/1, mb1 3.5/5, mb1mx3.3/20, mbmp3.4/5, ML3.9/5, MS2.7/1, Ms1 2.7/1, ms1mx2.5/10, Error ellipse: s-maj=18.5km s-min=15.3km az=128.0

THE 13 13:39:01.7, 39.15N:27.99E, h1km, ML4.2 MOS 13 13:39:02.4:1.4, 39.23N:27.82E, h10km, mb4.3/2, Error ellipse: s-maj=9.7km s-min=7.5km az=76.7

ISK 13 13:39:02.8, 39.18N:27.73E, h16km, MD3.8 CSEM 13 13:39:03.0:0.1, 39.21N:27.84E, h10km, MD3.8, Error ellipse: s-maj=1.6km s-min=1.4km az=174.0

NEIC 13 13:39:03.4:0.5, 39.18N:27.71E, h10km, mb3.9/2, MD4.1(ATH), Error ellipse: s-maj=7.8km s-min=5.8km az=37.0

ZUR_RM 13 13:39:03.9, 18N:27.71E, h15km, Mw4.3/18, Moment Tensor Solution, s18 Moment tensor: Scale 10^15Nm; Mn=0.79; Mw=1.77; Ms=0.98; M=0.76; Mw=2.78; Mo=0.30; Best double couple: M3.18x10^15 NP1@257°, @86°, @169°; NP2@347°, @79°, @14°. Principal axes: T.2.32, P15°, Azm212°; N.-923, Plg79°, Azm56°; P.-7.72, Plg15°, Azm302°

ATH 13 13:39:04.7, 39.37N:27.79E, h38km, 37km, MD4.1/7 ISK 13 13:39:02.1:0.5, 39.19N:0.01:27.77E, h4km, 4km, n120, s1901/145, mb3.4/2, 3C-2D, Turkey

Main table of station data for Turkey region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BALB, BALK, BOTK, etc.

Table of station data for various regions including Florida, GVD, SKO, BOYT, BOY, CSS, BOLS, MLR, etc.

IDC 13 14:08:50.2:8.1, 19.75S:177.38W, h532km, 94km, mb3.1/5, mb1 3.3/6, mb1mx3.1/15, mbmp4.1/6, Error ellipse: s-maj=48.7km s-min=31.1km az=25.0, Fiji

ISLANDS REGION

Main table of station data for Islands region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like URZ, Urewera, CTA, etc.

Table of station data for DCPH, DCPH, GUIM, GAIM, PAGZ, IPIL, IPIL, MSLP, CUYO, etc.

CSEM 13 14:27:22.8:0.1, 39.47N:25.98E, h10km, MD3.3, Error ellipse: s-maj=2.6km s-min=2.2km az=147.0 ISK 13 14:27:22.7, 39.48N:25.95E, h12km, MD3.3 THE 13 14:27:23.8, 39.48N:25.88E, h13km, ML4.8 ISK 13 14:27:22.8:0.0, 39.50N:0.03:25.84E, h10km, 5km, n24, s1900/34, Aegean Sea

Main table of station data for Aegean Sea region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BOZC, BOZC, EZN, etc.

NEIC 13 14:51:11.5, 31.66S:68.41W, h150km, MD3.9(GUC), After GUC

GUC 13 14:51:11.5:0.0, 31.66S:68.41W, h150km, MD3.9, ML3.4, 3D, San Juan Province

Main table of station data for San Juan Province region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JACH, JACH, FCH, etc.

ATH 13 14:51:50.7, 37.06N:28.13E, h40km, MD3.2/3 CSEM 13 14:51:52.1:0.1, 37.03N:28.84E, h25km, MD3.2, Error ellipse: s-maj=3.7km s-min=2.2km az=57.0 ISK 13 14:51:52.0, 37.02N:27.80E, h28km, MD3.2 ISK 13 14:51:52.6:0.5, 36.98N:0.04:27.76E, h27km, 5km, n15, s085/21, Decadense Islands

Main table of station data for Decadense Islands region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BDRM, BDRM, MLBS, etc.

THR 13 14:56:42.6:0.4, 33.45N:48.43E, h14km, 5km, ML3.2 CSEM 13 14:56:43.1:0.3, 33.37N:48.26E, h20km, ML4.2/1, Error ellipse: s-maj=7.6km s-min=4.1km az=86.0

TEH 13 14:56:44.2, 33.15N:48.38E, h18km, Mn3.1 ISK 13 14:56:43.9:0.6, 33.31N:0.04:48.45E, h14km, n17, s110/22, Western Iran

Main table of station data for Western Iran region, including columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like IKOM, IKOM, SHGR, etc.

Table with columns: SOC, comp, ePPP, eS, pmax, 15 54 32.8 -3.7, 15 59 02.6 +5.8, etc.

IDC 13 15:48:51.20.7, 4.59N-95.80E, mb4.3/14, mb1 4.4/15, mb1mx3.4/21, mbtmp4.3/15, ML2.4/1, MS3.7/2, Ms1 3.8/2, ms1mx3.0/22, Error ellipse: s-maj=36.9km s-min=13.4km az=52.0

BUI 13 15:48:56.7, 4.98N-95.70E, h12km, mb5.1, mb4.4, Ms4.7, Ms24.2

NEIC 13 15:48:56.30.4, 4.64N-95.98E, h30km, mb4.7/17, Error ellipse: s-maj=13.8km s-min=7.3km az=60.0

ISC 13 15:48:54.50.4, 4.63N, 0.06-95.98E, 0.09, h30km, n49, s118/50, mb4.5/34, MS4.2/2, 2C-3D, Northern Sumatera

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

Table with columns: STKA, comp, ePPP, eS, pmax, 15 58 37.3 +0.4, 15 58 37.0 +0.1, etc.

IDC 13 16:03:40.5:2.1, 6.75N-92.93E, mb3.8/5, mb1 3.9/6, mb1mx3.8/19, mbtmp3.7/6, Error ellipse: s-maj=75.5km s-min=21.6km az=63.0, Nicobar Islands region

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

NEIC 13 16:08:39.8, 49.38N-6.86E, h1km, ML2.8(LDG), ML2.3(STR), After STR

LDG 13 16:08:40.6:0.1, 49.39N-6.90E, h1km, Md2.7/1, Md2.8/10, Error ellipse: s-maj=1.2km s-min=1.0km az=88.0, Suspected Mining induced.

CSEM 13 16:08:40.2:0.1, 49.39N-6.93E, h2km, ML2.8/9, Error ellipse: s-maj=1.0km s-min=1.0km az=138.0

BGR 13 16:08:40.8:0.4, 49.40N-6.92E, h1km, ML2.1/3, Error ellipse: s-maj=7.8km s-min=4.4km az=9.0

BNS 13 16:08:42.6:1.2, 49.47N-6.90E, h1km, ML2.1

ISC 13 16:08:38.5:0.3, 49.37N-6.01-6.89E:0.03, n41, s19/16/2, Garyany

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

Table with columns: GEC2, GERRS Array S, SNR=10, 4.51 94 ePn Pn, 16 10 40.7 -2.8, etc.

BUI 13 16:11:46.5, 39.50N-117.58E, h17km, ML3.7, 1C, Northeastern China

CSEM 13 16:12:43.2:0.1, 39.16N-27.81E, h12km, MD3.6, Error ellipse: s-maj=1.4km s-min=1.0km az=174.0

ISC 13 16:12:43.5, 39.16N-27.76E, h17km, MD3.6

ISC 13 16:12:43.2:0.6, 39.17N-27.79E:0.03, h6km, 5km, n55, s083/64, Turkey

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

IDC 13 16:25:52.7:8.9, 6.67S-130.40E, h120km, g9km, mb3.3/2, mb1 3.6/4, mb1mx3.4/12, mbtmp3.8/4, ML4.2/2, Error ellipse: s-maj=69.3km s-min=26.8km az=58.0, Banda Sea

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

TAP 13 16:46:33.7, 24.77N-122.46E, h114km, 1km, ML4.2

JMA 13 16:46:34.6:0.2, 24.84N-122.46E, h108km, 3km, M3.5, Taiwan region

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

IDC 13 16:49:09.7:2.8, 4.90N-93.64E, mb3.4/3, mb1 3.6/4, mb1mx3.4/19, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=89.2km s-min=31.3km az=63.0, Off west coast of northern Sumatera

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

IDC 13 17:45:56.9, 39.25N-27.80E, h19km, 4km, MD3.2/3
CSEM 13 17:45:56.9, 0.1, 39.17N-27.81E, h10km, MD3.2, Error
ellipse: s-maj=3.0km s-min=1.9km az=119.0

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

ATH 13 17:45:56.9, 39.25N-27.80E, h19km, 4km, MD3.2/3
CSEM 13 17:45:56.9, 0.1, 39.17N-27.81E, h10km, MD3.2, Error
ellipse: s-maj=3.0km s-min=1.9km az=119.0

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

IGIL 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

IDC 13 18:07:13.5, 36.90N-10.40W, h20km, ML3.0
NEIC 13 18:07:13.9, 37.10N-10.22W, MG3.9(MDD), After MDD.
INMG 13 18:07:15.1, 14.36, 92N-10.41W, h31km, az=62.6, ML2.7,
Error ellipse: s-maj=5.7km s-min=3.5km az=62.0

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

Table with columns: KKN, Kakani, 12.94 326 eP, P, 19 05 10.9 -1.4, 4.0nm, 0.2s, GKN, Gorkha, 13.46 324 eP, P, 19 05 16.9 -1.5, 12nm, 0.3s, GKN, Koldanda, 13.89 321 eS, S, 19 07 30.9 -3.3, 10nm, 0.3s, KOLN, Zalevso, 37.25 352 P, P, 19 09 31.0 -1.2, 0.3nm, 0.4s, baz=228, slow=2, SNR=3.2, WRA, Warrungu Arr, 54.55 131 P, P, 19 11 47.7 -2.1, 0.4nm, 0.5s, baz=313, slow=7, SNR=13, WRA, Alice Springs, 56.75 325 P, P, 19 12 48.7 -4.2, 0.2nm, 0.5s, baz=324, slow=3.6, SNR=5.2, ASAR, Alice Springs, 56.75 325 P, P, 19 12 03.4 -1.7, 0.4nm, 0.6s, baz=313, slow=6.6, SNR=10

IDC 13 19:15:26.1±0.9, 4.69N-94.96E, mb4.1/12, mb1 4.2/13, mb1mx4.1/21, mbtmp4.0/13, Error ellipse: s-maj=41.2km s-min=17.7km az=49.0, BUJ 13 19:15:29.6, 4.76N-94.98E, h22km, mb4.7, mb4.4, Ms4.5, Ms24.4

NEIC 13 19:15:30.8±0.4, 6.64N-94.95E, h30km, mb4.0/16, Error ellipse: s-maj=11.1km s-min=8.8km az=48.0, ISK 13 19:15:27.0±0.3, 2.58N-0.09-94.97E, 0.1, h51km, mb2.3km, n29, α153/10, mb4.2/19, MS4.4/1, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, LSA Lhasa, WMQ Urumqi, WMQ Erkin-Say, WMQ Songdo Array, WRA Warrungu Arr, WRAB Tennant Creek, ASAR Alice Springs, ZAL Zalevso, BVAR Borovoye, BRVK Borovoye, CHKZ Chkalovo, BRTR Keskin Array B, AKASG Malin Array B, MLR Muntele Rosu, BOSA Boshof, FINES FINESS Array B, ARCES ARCESS Array B, DAVOX Davos

CSEM 13 19:20:49.0±1.0, 40.84N-27.78E, h15km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.3km az=10.0, ISK 13 19:20:49.0, 40.85N-27.75E, h14km, MD3.1, THE 13 19:20:50.4, 40.59N-27.63E, h10km, MD3.1, ISK 13 19:20:48.7±0.7, 40.90N-0.04-27.78E, 0.03, h5km, 5km, n26, α0576/34, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MRMT Marmara Adasi, WFT Murefte, SART Tekirdag, SART SART, BNT Bandirma, EDC Edincik, KCT Karacabey, ISK Istanbul-Kandi, BADT Buyukada, BTOK Tokmak, ORLT Orhaneli, EDRB Edirne, YLV Yalova, BALB Balikesir, ULDT Uludag, ALN Alexandroupoli, ALN ALN, HRT Hereke, EZN Ezine, BOZC Bozcaada, BOZC BOZC, AYVA Ayvalik, AYVA AYVA, AKS Akhisar, LOS Limnos, HENT Hendek, HENT HENT, ESKT Eskisehir, OUR Ouranopolis, SRS Serrai, KNT Kendrickon

IDC 13 19:26:24.3±3.8, 11.37N-91.30E, mb3.5/3, mb1 3.6/4, mb1mx3.5/18, mbtmp3.4/4, ML3.0/1, Error ellipse: s-maj=10.6km s-min=30.1km az=63.0, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PBA Port Blair, PBA PBA, PBA PBA, CMAR Chiang Mai Arr

Table with columns: SONM Songino Array, WRA Warrungu Arr, ASAR Alice Springs

TRN 13 19:34:34.5, 11.69N-61.45W, h76km, MD3.5, FUNJ 13 19:34:35.1, 11.55N-61.54W, h44km, MW3.0, NEIC 13 19:34:37.1, 11.57N-61.51W, h11km, mb4.1/1, MD3.5 (TRN), After TRN

ISC 13 19:34:33.2±0.8, 11.62N-0.03-61.69W, 0.04, h93km, gkm, n21, α102/36, mb4.0/2, 1C-1D, Windward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GRW Mount Saint Ca, GRHS Sauteres, GRIC Isle de Caille, GRSS Sisters, TPR Prospect, TRN Trinidad (W), BOT Bacolet, GUP Guiria, TBH Brigand Hill, TTPP Pointe-a-Pierr, ITEV Isla Los Testi, ITEV Belmont, SVB Soufriere Volc, SVV Soufriere Volc, CRUV Carupano, CRUV GUNV, GUNV Guanaco, PCRV Puerto La Cruz, PCRV RIOV, RIOV Rio Grande, CAOV Caicara del Or, CAOV BAUV, BAUV El Baul, RES Resolute Bay, INK Inuvik

IDC 13 19:35:03.8±0.7, 14.53N-92.38E, mb4.2/12, mb1 4.3/12, mb1mx4.1/20, mbtmp4.2/12, ML3.7/1, MS3.6/3, Ms1 3.6/3, ms1mx3.1/27, Error ellipse: s-maj=31.1km s-min=13.8km az=55.0

MOS 13 19:35:05.9±1.2, 14.55N-92.60E, h33km, mb4.8/10, Error ellipse: s-maj=19.4km s-min=12.6km az=93.5, BUJ 13 19:35:08.3, 14.60N-92.50E, h30km, mb4.9, mb4.3, Ms4.1, NEIC 13 19:35:08.3±0.3, 14.59N-92.46E, h30km, mb4.7/13, Error ellipse: s-maj=9.0km s-min=6.6km az=65.0

ISC 13 19:35:06.5±0.4, 14.90N-0.04-92.42E, 0.03, h33km, n65, α153/77, mb4.4/24, MS3.6/3, 2D, Andaman Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, BWNR Bhuaneshwar, CHG Chiang Mai, CAL Calcutta, CHRT Chiangrai, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Vishakhapatnam, IMP Impnagar, SHL Shillong, MDRS Chennai, HYB Hyderabad, HYB Hyderabad, PALK Pallekele, JIRN Jiri, JIRN Jiri, PKI Pulchoki, GUN Gumba, DMN Daman, KKN Kakani, LSA Lhasa, LSA Lhasa, LSA Lhasa, GKN Gorkha, KOLN Koldanda, BHPL Bhopal, BHPL Bhopal, POO Poona, POO Poona, NDI New Delhi, NDI New Delhi, ENSH Enshi, XAN Xi'an, XAN Xi'an, MKAR Makanchi Arr, SONM Songino Array, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, ZAK Zakamensk, ZAL Zalevso, BVAR Borovoye, BRVK Borovoye

Table with columns: BRVK Borovoye, CHKZ Chkalovo, CHKZ Chkalovo, BKD Bodaibo, FITZ Fitzroy Cross, GNI Garni, GNI Garni, GNI Garni, GNI Garni, ZEI Tsey, ZEI Tsey, NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), WRA Warrungu Arr, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warrungu Arr, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, ASAR Alice Springs, BRTR Keskin Array B, MA2 Magadan, MA2 Magadan, MA2 Magadan, FINES FINESS Array B, STKS Stephens Creek, ARCES ARCESS Array B, LSZ Lusaka, LSZ Lusaka, GERES GERESS Array B, BOSA Boshof, BOSA Boshof, BOSA Boshof

TAP 13 19:36:16.6, 24.43N-121.99E, h11km, ML2.9, JMA 13 19:36:15.1±0.1, 24.81N-122.13E, h56km, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like YOJ Yanaguni jima, YOJ Yanaguni jima, IRIF Iriomote-Funau, IRIF Iriomote-Funau, JIJ Ishigaki jima, JIJ Ishigaki jima, JIJ Ishigaki jima

THE 13 19:37:16.7, 40.28N-25.75E, h7km, ML3.2, ATH 13 19:37:16.7, 40.33N-25.69E, h25km, 1km, MD3.3/5, NEIC 13 19:37:16.7, 40.33N-25.69E, h25km, MD3.3 (ATH), After ATH

CSEM 13 19:37:17.5±0.1, 40.33N-25.70E, h14km, MD3.3, Error ellipse: s-maj=1.9km s-min=1.2km az=111.0, ISK 13 19:37:16.9±0.7, 40.35N-0.03-25.63E, 0.03, h13km, 5km, n20, α095/30, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LIA Limnos Island, LOS Limnos, LOS Limnos, BOZC Bozcaada, ALN Alexandroupoli, ALN Alexandroupoli, RDO Rodhopi, PRK Paraskevi, SART Tekirdag, SART SART, OUR Ouranopolis, AYVA Ayvalik, PAIG Paliouri, PLG Polygyros, NVR Nevrokopi, SRS Serrai, BTOK Tokmak, BTOK Tokmak, XOR Xorichti, KNT Kendrickon, GRG Griva, AGG Agios Georgios

IDC 13 19:46:58.2±0.8, 14.56N-92.59E, mb4.0/12, mb1 4.2/12, mb1mx4.1/20, mbtmp4.0/12, ML3.4/1, MS2.6/1, Ms1 2.8/1, ms1mx2.4/24, Error ellipse: s-maj=28.5km s-min=15.6km az=48.0, MOS 13 19:47:00.4±1.1, 14.49N-92.59E, h33km, mb5.0/7, Error ellipse: s-maj=17.0km s-min=11.6km az=105.3, NEIC 13 19:47:02.0±0.6, 14.56N-92.60E, h30km, mb4.6/10, Error ellipse: s-maj=15.1km s-min=10.9km az=52.0, BUJ 13 19:47:04.4, 14.51N-92.17E, h41km, mb4.5, mb4.3, ISK 13 19:47:02.0±0.6, 14.54N-0.09-92.57E, 0.08, h30km, n47, α1812/49, mb4.3/22, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, HYB Hyderabad, HYB Hyderabad, JIRN Jiri, JIRN Jiri, PKI Pulchoki, GUN Gumba, DMN Daman

13D 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hagfors, CLL, WFT, MOX, NOA, etc.

ISK 13 19:56:19.1, 0.40, 21N, 41.45E, h5km, MD3.6
ISC 13 19:56:21.0, 0.5, 40.21N, 0.03, 41.46E, 0.06, h5km, n16,
+112/22, Turkey

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

CSEM 13 19:56:59.3, 39.14N, 27.95E, h28km, MD3.0, After ISK
ISK 13 19:56:59.3, 39.14N, 27.95E, h28km, MD3.0, Turkey

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

IDC 13 19:57:14.3, 8.2, 6.27S, 147.39E, h59km, 58km, mb3.5/2,
mb1 3.7/4, mb1mx3.5/13, mbtmp3.8/4, ML3.9/1, WS3.8/1,
Ms1 3.7/1, ms1mx2.7/16, Error ellipse: s-maj=8.02km
s-min=51.2km az=75.0, Eastern New Guinea region

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

IDC 13 20:04:01.1, 1.4, 9.16N, 93.11E, mb3.8/8, mb1 3.9/9,
mb1mx3.7/20, mbtmp3.79, ML3.3/1, Error ellipse:
s-maj=40.7km s-min=28.7km az=49.0
ISC 13 20:04:04.4, 1.1, 9.2N, 0.2, 93.2E, 0.2, h33km, n9, +06/62/9,
mb3.8/8, Nicobar Islands region

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

THE 13 20:13:45.5, 40.30N, 25.71E, h10km, ML2.4, Aegean Sea

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

CSEM 13 20:14:27.2, 39.19N, 27.77E, h13km, MD2.9, After ISK
ISK 13 20:14:27.2, 39.19N, 27.77E, h13km, MD2.9, Turkey

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

2005 JAN

DUR 13 20:14:30.6, 46.31N, 7.32E, h4km, ML1.9/7
LDG 13 20:14:31.3, 0.1, 46.30N, 7.34E, h2km, MD2.7/3, ML2.5/21,
Error ellipse: s-maj=1.1km s-min=0.9km az=112.0
CSEM 13 20:14:31.2, 0.1, 46.28N, 7.33E, h5km, ML2.5/18, Error
ellipse: s-maj=1.4km s-min=1.2km az=120.0
MOS 13 20:14:31.0, 1.4, 46.34N, 7.15E, h8km, mb3.5/1, Error
ellipse: s-maj=8.7km s-min=4.7km az=87.5
NEIC 13 20:14:31.7, 46.31N, 7.22E, h5km, ML2.5(LDG),
ML2.4(GEN), ML2.3(STR), After STR.

GEN 13 20:14:32.7, 46.25N, 7.45E, h10km, ML2.4
ISC 13 20:14:30.2, 3.46, 34N, 11.7, 21E, 0.02, h8km, 2km, n67,
+1824/123, 6C-5D, Switzerland

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

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

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

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

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

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

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

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

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

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

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

MAN 13 20:23:00.4, 12.59N, 124.94E, h8km, mb4.8, ML3.7, MS3.7
NEIC 13 20:23:04.9, 12.4, 12.43N, 124.98E, h8km, 2km, mb4.4/5,
Error ellipse: s-maj=28.2km s-min=9.2km az=68.0
IDC 13 20:23:06.1, 4.5, 12.40N, 124.87E, h8km, 41km, mb3.6/11,
mb1 3.5/12, mb1mx3.8/20, mbtmp4.0/12, MS3.5/1,
Ms1 3.5/1, ms1mx2.7/25, Error ellipse: s-maj=42.1km
s-min=13.9km az=66.0
ISC 13 20:23:07.0, 5.1, 12.56N, 0.03, 124.97E, 0.05, h71km, 5km,
n54, +192/60, mb4.0/16, 1C-1D, Samar

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

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

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

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

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

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

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

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

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

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BGU, TRCR, WHN, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KTK1, BVAR, BVAR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ACSO, ERPA, ERPA, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CTA, CTAO, CTAG, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PSZ, GECZ, GEC2, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BOJS, TOS, TMS, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Pradon, Tokmak, La Foret Royal, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH, XAN, CMAR, FITZ, LSA, WRA, WB2, ULN, SONM, JIRN, GUN, ASAR, KLN, GKN, WMQ, VMO, NWAO, NWAO, STKA, STKA, ZAL, ZAL, ZAL, BVAR, BRVK, CHZK, BILL, BILL, IMA, IMA, MCK, ILAR, MALT, MALT, JOF, ARCES, ARCES, ASF, KAF, FINES, FINES, AKASG, AKASG, HFS, HFS, NOA, NOA, PLCA, PLCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNT, KNT, GRG, GRG, RDO, RDO, AGG, AGG, ALN, ALN, CMAR, JIRN, GUN, ASAR, KLN, GKN, WMQ, VMO, NWAO, NWAO, STKA, STKA, ZAL, ZAL, ZAL, BVAR, BRVK, CHZK, BILL, BILL, IMA, IMA, MCK, ILAR, MALT, MALT, JOF, ARCES, ARCES, ASF, KAF, FINES, FINES, AKASG, AKASG, HFS, HFS, NOA, NOA, PLCA, PLCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRVK, CHZK, FINES, ARCES, GERES, TXAR, TXAR.

ADC 14 01:59:40.1, 8.9, 9.1N, 92.27E, mb3.6/4, mb1 3.8/5, mb1mx3.8/18, mbmtpp3.6/5, ML4.1/1, MS3.0/1, Ms1 3.2/1, ms1mx2.6/20, Error ellipse: s-maj=69.2km s-min=26.0km az=69.0, Nicobar Islands region

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

ADC 14 02:02:35.3, 1.2, 16.75N, 145.42E, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, mbmtpp3.9/6, Error ellipse: s-maj=46.5km s-min=33.1km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MANT, SONM, STKA, ILAR, YKA, NVA, FINES.

ATH 14 02:19:21.5, 39.38N, 28.72E, h10km, MD3.8/6, CSEM 14 02:19:25.6, 0.0, 39.16N, 28.53E, h15km, MD3.6/1, Error ellipse: s-maj=1.0km s-min=0.9km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKS, MANT, BALB, BTOK, ORK, ORL, ULDT, ULDT, KCT, AYDN, KHL, KDAG, IZM, ALT, MNT, EDC, BLCB, AYVA, AYVA, AMT, DENT, DNZL, DNZL, YLV, AYDN, MRMT, PRK, PRK, BADT, GPA, EZN, ESKT, ESKT, AYDN, KHL, SART, HRT, HRT, MURE, MURE, MLSB, MLSB, SMG, SMG, ISK, BOZC, BOZC, ISF, ISF, BCK, DALT, MDU, FETY, ALN, ELL, LOS, ARG, EDRB, APE, APE, ANTO, ANTO, KZD, KZD, ADZ, ADZ, JMB, JMB, OUR, OUR, PAIG, PAIG, RZN, RZN, PLD, PLD, XOR, XOR, XOR, XOR, AOS, AOS, AOS, AOS, NEO, NEO, LIT, LIT, NVR, NVR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUR, PAIG, PAIG, POLG, POLG, SOH, SOH, SOH, SOH, THE, THE, LOS, LOS, XOR, XOR, XOR, XOR, AOS, AOS, AOS, AOS, NEO, NEO, LIT, LIT, NVR, NVR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, JIRN, PUN, GKI, KKN, GKN, KLN, SONM, WRA, ASAR, BRTR, AKASG, GERES, NOA, CMAR, JIRN, PUN, GKI, KKN, GKN, KLN, SONM, WRA, ASAR, BRTR, AKASG, GERES, NOA.

ADC 14 01:17:17.4, 1.1, 9.94N, 93.49E, mb3.7/7, mb1 3.9/8, mb1mx3.8/18, mbmtpp3.7/8, Error ellipse: s-maj=39.9km s-min=21.6km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, JIRN, PUN, GKI, KKN, GKN, KLN, SONM, WRA, ASAR, BRTR, AKASG, GERES, NOA.

ADC 14 01:17:26.7, 1.4, 5.44N, 94.48E, mb3.9/8, mb1 4.1/9, mb1mx3.9/19, mbmtpp3.9/9, ML4.3/1, Error ellipse: s-maj=69.5km s-min=20.1km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, JIRN, PUN, GKI, KKN, GKN, KLN, SONM, WRA, ASAR, BRTR, AKASG, GERES, NOA.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations.

IDC 14 05:28:19.6:2.8, 13.46N:90.22E, h65km, 9km, mb3.3/3, mb1 3.6/4, mb1mx3.8/18, mbtmp3.6/4, Error ellipse: s-maj=76.9km s-min=22.8km az=81.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Chiang Mai Arr, Songoing Array, etc.

IDC 14 05:29:48.7:15.0, 14.51N:92.75E, mb3.8/3, mb1 4.1/3, mb1mx3.6/17, mbtmp3.6/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/25, Error ellipse: s-maj=536.8km s-min=34.6km az=77.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Tagaytay City, Songoing Array, etc.

IDC 14 05:40:03.6:1.0, 14.58N:93.10E, mb3.9/8, mb1 4.0/9, mb1mx3.8/19, mbtmp3.8/9, ML3.7/1, Error ellipse: s-maj=51.4km s-min=18.1km az=54.0

NEIC 14 05:40:08.2:0.8, 14.48N:92.92E, h30km, mb4.0/1, Error ellipse: s-maj=20.3km s-min=15.1km az=219.0

ISC 14 05:40:07.5:2.4, 14.5N:0.1, 93.0E:0.1, h43km, 22km, n19, c=097/13, mb3.9/9, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Chiang Mai Arr, Shillong, Hyderabad, etc.

NIED 14 05:57:00.33, 10N:137.10E, h26km, Mw3.6 Best double couple: M3.26x1014 NP1.0x268, s58, l75, NP2.0x115, s35, l113

JMA 14 05:57:35.7:0.1, 33.11N:137.12E, h52km, 3km, M3.7, ISC 14 05:57:36.2:1.2, 33.13N:0.07, 137.11E:0.05, h45km, 27km, n15, c=053/28, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Tokai, Kozaga, etc.

IDC 14 06:11:51.5:0.7, 12.96N:92.13E, h28km, 4km, mb3.7/8, mb1 3.9/9, mb1mx3.8/18, mbtmp3.9/9, ML3.9/1, Error ellipse: s-maj=36.9km s-min=13.9km az=47.0

NEIC 14 06:11:51.5:0.7, 12.92N:92.13E, mb4.4/1, Error ellipse: s-maj=20.5km s-min=14.5km az=224.0

ISC 14 06:11:49.7:0.7, 13.0N:0.1, 92.3E:0.1, h29km, h29km, 6km, pP-P, n13, c=10/14, mb4.0/9, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Port Blair, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like Hyderabad, Songoing Array, etc.

IDC 14 06:28:58.5:3.5, 16.96S:174.61W, mb4.4/4, mb1 4.5/4, mb1mx4.0/15, mbtmp4.4/4, Error ellipse: s-maj=150.9km s-min=71.1km az=162.0, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Charters Tower, Stephens Creek, etc.

ISC 14 06:38:48.0:1.0, 46.40N:0.06, 15.09E:0.07, n5, c=042/7, 2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Pernice, Grosnik, etc.

IDC 14 06:47:39.4:13.0, 15.20S:177.96W, h438km, 152km, mb3.1/5, mb1 3.5/5, mb1mx3.2/14, mbtmp3.9/5, Error ellipse: s-maj=107.4km s-min=35.0km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Warramunga Arr, Alice Springs, etc.

IDC 14 06:56:40.9:3.8, 11.08N:92.82E, mb3.9/3, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, ML4.3/1, MS2.7/1, Ms1 2.9/1, ms1mx2.6/20, Error ellipse: s-maj=107.8km s-min=27.3km az=81.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Port Blair, Chiang Mai Arr, etc.

IDC 14 07:05:18.1:1.1, 5.09N:94.24E, mb4.1/10, mb1 4.2/11, mb1mx4.1/20, mbtmp4.1/11, ML4.5/1, Error ellipse: s-maj=49.9km s-min=19.3km az=49.0

NEIC 14 07:05:21.8:0.7, 4.78N:93.94E, h30km, mb4.5/2, Error ellipse: s-maj=24.5km s-min=13.5km az=56.0

ISC 14 07:05:20.1:0.8, 4.8N:0.1, 94.0E:0.2, h30km, n14, c=15/10, mb4.1/11, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Chiang Mai Arr, Songoing Array, etc.

TAP 14 07:10:22.1, 24.76N:122.49E, h111km, 1km, ML3.9, JMA 14 07:10:22.7:0.3, 24.89N:122.52E, h104km, M2.9, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Yonaguni jima, Iriomote-Funau, etc.

IDC 14 07:16:03.2:2.5, 5.11N:93.91E, mb3.5/3, mb1 3.8/4, mb1mx3.6/19, mbtmp3.6/4, ML4.3/1, Error ellipse: s-maj=96.7km s-min=28.0km az=60.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Chiang Mai Arr, Warramunga Arr, etc.

JMA 14 07:55:02.7:0.4, 32.23N:137.93E, h400km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Ise, Boso 3, etc.

MOS 14 07:58:10.2:0.8, 46.16N:13.96E, h10km, mb3.5/1, Error ellipse: s-maj=4.0km s-min=3.9km az=60.8

IDC 14 07:58:10.5:2.5, 46.14N:13.78E, mb1 3.6/4, mb1mx3.3/19, mbtmp3.4/4, ML3.8/4, Error ellipse: s-maj=26.0km s-min=19.7km az=61.0

LJU 14 07:58:11.3, 46.20N:14.03E, h19km, ML4.0, PDG 14 07:58:11.8, 0.5, 46.17N:14.00E, h11km, CSEM 14 07:58:11.8, 0.0, 46.20N:14.05E, h12km, ML4.8/15, Error ellipse: s-maj=0.8km s-min=0.7km az=43.0

ROM 14 07:58:11.0, 0.0, 46.20N:14.15E, h10km, ML4.0, Error ellipse: s-maj=0.0km s-min=5.9km az=0.0

IPEC 14 07:58:11.4, 0.0, 46.16N:14.09E, h2km, ML3.6/2, Error ellipse: s-maj=2.2km s-min=0.9km az=174.0

LDG 14 07:58:12.9, 0.1, 46.26N:14.10E, h10km, ML4.0/1, Error ellipse: s-maj=2.9km s-min=2.5km az=141.0

ZUR_RM 14 07:58:12.46, 19N:14.00E, h18km, Mw3.9/30, Moment Tensor Solution, s30 Moment tensor: Scale 10^14N; M1: -0.95; M2: 6.80; M3: 7.29; M4: -2.98; M5: 1.39; Best double couple: M8.29x1014 NP1.0x213, s82, l-17, NP2.0x305, s73, l-171; Principal axes: T: 8.441, P: 6.416, Azm: 280; N: -297, Plg: 71; Azm: 81; P: -8.144, Plg: 18; Azm: 169

NEIC 14 07:58:12.0:0.4, 46.19N:14.10E, h10km, ML4.3(SZGRF), ML4.2(FUR), ML4.1(LJU), ML4.1(PDG), ML4.0(LDG), ML4.0(VIE) Error ellipse: s-maj=2.5km s-min=1.8km az=177.0

NEIC Felt in central and western Slovenia. Also felt [V] in southern Carinthia, Austria.

BGR 14 07:58:13.7:0.6, 46.29N:14.03E, h10km, ML4.3/6, Error ellipse: s-maj=1.1km s-min=4.4km az=178.0

ISC 14 07:58:10.5:0.1, 46.219N:0.009, 14.02E:0.01, h10km, n298, c=1927/465, 66C-23D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like Cadr, Vojsko, etc.

comp=Z,3um,0.1s	0.70 103	Pg	07 58 25.7 +1.1	comp=Z,524nm,0.6s	2.70 317	Pg	07 59 03.6 -0.8	PSZ		eSn	Sn	08 00 08.2 -1.7
PKDS	Podkum	Pg	07 58 35.4 +1.4	FUR	Furstenfeldbru	ePg	07 59 39.5 -0.9	PSZ	Piszkesteto	eS	Sn	08 00 08.2 -1.7
comp=Z,3um,0.1s	0.70 245	Pg	07 58 24.7 +0.1	FUR	Furstenfeldbru	ePg	07 59 03.6 -0.8	BFO	Black Forest	eSn	Sn	07 59 19.4 +0.3
Talambrons	Visnje	Pg	07 58 25.3 +0.6	FUR	Furstenfeldbru	ePg	07 59 39.5 -0.9	BFO	Black Forest	eSn	Sn	07 59 08.6 -2.6
VISS	Visnje	Pg	07 58 34.5 +0.2	SFI	Santa Sofia	ePn	07 58 55.8 -0.1	BFO	Black Forest	eSn	Sn	08 00 08.6 -2.5
comp=Z,5um,0.2s	0.71 126	Pg	07 58 25.3 +0.6	ARV	Arcevia	ePn	07 58 56.7 +0.1	DPC	Dobruska-Polom	eSg	Sn	07 59 20.2 +1.1
VISS	Visnje	Pg	07 58 34.5 +0.2	ZCCA	Zocca	ePn	07 58 59.0 +2.1	DPC	Dobruska-Polom	eSg	Sn	08 00 30.6 -6.8
comp=Z,5um,0.2s	0.71 272	Pg	07 58 24.9 +0.1	ZCCA	Zocca	ePn	07 58 59.0 +2.1	DPC	Dobruska-Polom	eSg	Sn	07 59 20.2 +1.1
MPRI	Monte Prat	Pg	07 58 37.4 +2.9	VMG	Vicchio	ePn	07 58 57.5 +0.5	DPC	Dobruska-Polom	eSg	Sn	08 00 30.6 -6.8
MPRI	Knezi Dol	Pg	07 58 24.8 -0.5	VMG	Vicchio	ePn	07 58 57.5 +0.5	FELD	Feldberg	P	Pn	07 59 19.2 -0.2
KNDS	Knezi Dol	Pg	07 58 36.0 +0.8	VMG	Vicchio	ePn	07 58 57.5 +0.5	UPC	Upice	ePn	Pn	07 59 20.6 +0.3
comp=Z,4um,0.3s	0.74 160	Pg	07 58 24.8 -0.5	SEI	Scarpieria	ePn	07 58 59.2 +2.0	CII	Carovilli	ePg	Pg	07 59 38.0 -2.3
KNDS	Knezi Dol	Pg	07 58 36.0 +0.8	SEI	Scarpieria	ePn	07 58 59.2 +2.0	CII	Carovilli	ePg	Pg	07 59 38.0 -2.3
comp=Z,4um,0.3s	0.80 295	Pg	07 58 27.1 +0.5	SEI	Scarpieria	ePn	07 58 59.2 +2.0	SDI	San Donato	ePn	Pn	07 59 20.8 +0.3
ZOU	Zouplian	Pg	07 58 39.6 +2.4	ZST	Bratislava	ePn	07 58 58.7 +1.2	OKC	Ostrava-Krasne	ePn	Pn	07 59 21.5 +0.3
ZOU	Pernice	Pg	07 58 28.4 +0.4	ZST	Bratislava	ePn	07 59 08.1 -0.1	OKC	Ostrava-Krasne	ePn	Pn	08 00 15.2 +0.3
PERS	Pernice	Pg	07 58 40.5 +1.0	ZST	Bratislava	ePn	07 59 45.3 -1.4	OKC	Ostrava-Krasne	ePn	Pn	08 00 35.5 -6.8
PERS	Pernice	Pg	07 58 28.4 +0.5	ZST	Bratislava	ePn	07 59 58.9 +1.4	OKC	Ostrava-Krasne	ePn	Pn	07 59 21.5 +0.3
PERS	Pernice	Pg	07 58 40.5 +1.0	ZST	Bratislava	ePn	07 59 44.9 -1.8	OKC	Ostrava-Krasne	ePn	Pn	08 00 35.5 -6.8
comp=Z,3um,0.2s	0.87 61	Pg	07 58 28.4 +0.5	CING	Cingoli	ePn	07 58 57.3 -0.4	FIN	Finale Ligure	eSg	Pn	07 59 20.5 -0.9
PERS	Pernice	Pg	07 58 40.5 +1.0	CING	Cingoli	ePn	07 58 57.3 -0.4	FIN	Finale Ligure	eSg	Pn	07 59 20.5 -0.9
comp=Z,3um,0.2s	0.88 60	Pg	07 58 28.6 +0.4	KHC	Kasperske Hory	ePn	07 58 59.8 +1.7	FIN	Finale Ligure	eSg	Pn	07 59 20.9 -0.5
BISS	Bistrizki jare	Pg	07 58 40.7 +0.8	KHC	Kasperske Hory	ePn	07 59 05.6 -3.4	FIN	Finale Ligure	eSg	Pn	07 59 20.5 -0.9
BISS	Bistrizki jare	Pg	07 58 28.6 +0.5	KHC	Kasperske Hory	ePn	07 59 46.7 -1.4	UPM	Unac-Piva	ePn	Pn	07 59 22.8 +0.8
BISS	Bistrizki jare	Pg	07 58 40.7 +0.8	RHKJ	Tenkes	ePn	07 58 57.7 -0.9	UPM	Unac-Piva	ePn	Pn	08 00 15.1 -0.8
comp=Z,5um,0.2s	0.88 60	Pg	07 58 28.6 +0.5	CRE	Caprese Michel	ePn	07 58 59.4 +0.6	BRY	Bratogost	ePn	Pn	07 59 23.1 +0.9
FVI	Forni Avoltri	Pg	07 58 29.3 0.0	CRE	Caprese Michel	ePn	07 58 59.4 +0.6	BRY	Bratogost	ePn	Pn	08 00 16.7 -0.1
LEGS	Legarje	Pg	07 58 29.8 +0.4	CRE	Caprese Michel	ePn	07 58 59.4 +0.6	BBS	Basel-Blauen	ePn	Pn	07 59 23.2 +0.9
LEGS	Legarje	Pg	07 58 43.0 +0.9	CRE	Caprese Michel	ePn	07 58 59.4 +0.6	BBS	Basel-Blauen	ePn	Pn	07 59 22.5 -0.1
comp=Z,4um,0.3s	0.94 106	Pg	07 58 31.1 +1.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 17.1 -0.3
KBA	Koelnbreinsper	Pg	07 58 45.1 +1.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 39.8 -3.7
KBA	Koelnbreinsper	Pg	07 58 30.7 +0.6	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 17.1 -0.3
KBA	Koelnbreinsper	Pg	07 58 31.1 +1.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 39.4 -6.2
KBA	Koelnbreinsper	Pg	07 58 30.0 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.2 +0.3
MLNI	Malnisio	Pg	07 58 45.5 +2.3	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
MLNI	Malnisio	Pg	07 58 30.9 +0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
DOBS	Dobrina	Pg	07 58 30.9 +0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
comp=Z,1um,0.1s	1.01 93	Pg	07 58 31.6 +0.3	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
DOBS	Dobrina	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
comp=Z,1um,0.1s	1.04 103	Pg	07 58 31.6 +0.3	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
CESS	Cesta pri Krsku	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
CESS	Cesta pri Krsku	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
comp=Z,5um,0.4s	1.06 76	Pg	07 58 32.8 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
GROS	Grobnik	Pg	07 58 32.8 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
CRES	Cresnjevi	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
CRES	Cresnjevi	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
comp=Z,3um,0.3s	1.08 111	Pg	07 58 32.8 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
CRES	Cresnjevi	Pg	07 58 46.0 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
comp=Z,3um,0.3s	1.12 260	Pg	07 58 32.7 -0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
CAE	Caneva	Pg	07 58 50.0 +1.5	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
CAE	Caneva	Pg	07 58 32.7 -0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
BOJS	Bojanci	Pg	07 58 32.8 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
BOJS	Bojanci	Pg	07 58 47.1 -0.8	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
comp=Z,4um,0.3s	1.12 129	Pg	07 58 32.8 -0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
BOJS	Bojanci	Pg	07 58 47.1 -0.8	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
comp=Z,4um,0.3s	1.14 100	Pg	07 58 33.5 +0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
GOLS	Golise	Pg	07 58 50.0 +1.5	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
GOLS	Golise	Pg	07 58 33.5 +0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
GOLS	Golise	Pg	07 58 50.0 +1.5	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
comp=Z,3um,0.3s	1.18 107	Pg	07 58 33.9 -0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
GCIS	Gornji Cirnik	Pg	07 58 49.2 -0.6	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
GCIS	Gornji Cirnik	Pg	07 58 33.9 -0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
comp=Z,1um,0.1s	1.18 107	Pg	07 58 33.9 -0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
GCIS	Gornji Cirnik	Pg	07 58 49.2 -0.6	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
comp=Z,1um,0.1s	1.18 273	Pg	07 58 32.8 -1.3	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
CSO	Ceslo	Pg	07 58 51.8 +2.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
CSO	Ceslo	Pg	07 58 35.5 +0.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
IESO	Jasolo	Pg	07 58 52.8 +0.8	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
IESO	Jasolo	Pg	07 58 36.9 +0.2	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
AFL	Alpe Faloria	Pg	07 58 45.0 +0.7	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
FAU	Forcella Aurin	Pg	07 58 39.1 +2.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
ARSA	Arzberg	Pg	07 58 40.6 +0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
ARSA	Arzberg	Pg	07 58 59.5 +3.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
ARSA	Arzberg	Pg	07 59 01.1 +1.8	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
comp=Z,852nm,0.4s	1.46 45	Pg	07 58 39.0 -0.8	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
ARSA	Arzberg	Pg	07 58 58.3 -0.9	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
ARSA	Arzberg	Pg	07 58 39.1 +2.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
ARSA	Arzberg	Pg	07 58 58.3 -1.0	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 23.5 +0.2
ARSA	Arzberg	Pg	07 58 59.5 +3.1	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	08 00 15.4 -3.3
GRP	Cima Grappa	Pg	07 58 39.9 -2.3	WET	Wetzell	ePn	07 59 00.6 +1.2	BRG	Berggiesshubel	ePn	Pn	07 59 21.1 -1.9
GRP	Cima Grappa	Pg	07 59 02.3									

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like PET, UGLR, SKR, GNL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like NJ2, INK, YKA, RES, WMO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ORIF, VIVF, RJF, SBF, CAF, etc.

NEIC 14 08:12:55.9, 39.075:175.06E, h227km, After WEL. WEL 14 08:12:57.8, 0.4, 39.015:175.22E, h211km, 3km, ML3.7/10, 4C, Error ellipse: s-maj=4.2km s-min=2.5km az=90.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TWVZ, MGZ, WTVZ, etc.

BUL 14 08:33:13.7, 3.935x153.47E, h22km, mB6.2, mB5.4, Ms6.0, IDC 14 08:33:13.9, 1.3, 4.26S:152.69E, h5km, mB5.2/24, mB1.5/22m, mB1mx5.2/27, mBtmp5.2/26, ML4.2, MS5.7/19, Ms1.5/719, ms1mx5.6/21, Error ellipse: s-maj=12.2km s-min=8.1km az=86.0, Putative timing error at PDAR HRVD 14 08:33:14.5, 0.1, 4.18S:152.70E, h25km, MW6.1/75, Centroid moment Tensor Solution. LP body waves: s73, c170, Mantle waves: s75, c292; Half duration: 2.17 Moment tensor: Scale 10^18Nm; Mw=0.25±.01; Mww=1.31±.01; Mww=1.66±.01; Mw=0.56±.03; Mw=0.57±.01; Mw=0.1±.03; Best double couple: Mo=1.659x10^18 Np1φ212°, δ70°, λ169°, NP2φ306°, δ80°, λ20°. Principal axes: T 1.623, P1.694, Azm71.1°, N1.074, P1.694, Azm332°, P-1.694, P1.694, Azm71.1°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. NEIC 14 08:33:14.5, 0.1, 4.24S:152.72E, h10km, mB5.5/47, MS6.0/121, MW6.1 Error ellipse: s-maj=6.5km s-min=4.3km az=109.0, Moment Tensor Solution. s31 Moment tensor: Scale 10^18Nm; Mw=0.27; Mw=1.19; Mw=1.46; Mw=0.43; Mw=1.04; Mw=0.29; Best double couple: Mo=1.8x10^18 Np1φ297°, δ74°, λ11°. NP2φ204°, δ79°, λ164°. Principal axes: T 1.73, P1.619, Azm160°, N 1.11, P1.670, Azm352°, P-1.83, P1.674, Azm251°. MOS 14 08:33:17.5, 1.3, 4.22S:152.59E, h33km, mB5.6/35, MS5.8/43 Error ellipse: s-maj=8.9km s-min=5.9km CSEM 14 08:33:19.8, 3.59S:153.02E, h33km, mB5.6 ISC 14 08:33:15.0, 0.1, 4.21S:152.68E, 0.03, h22km, h22km±1.6km, pp-P, n531, φ198/302, mB5.5/44, MS5.9/148, 6C-11D, New Britain region Code Station Name Az E F SNR Phase ID Time Res h m s ISC

Table with columns for station name, frequency, and other technical details. Includes stations like CMAR, CHIANG MAI ARR, TIAREI, TARAVAO, TUBUAI, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like CAL CUTTA, YAKUTSK, ZAKAMENSK, BILIBINO, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like IMA, INDIAN MOUNTAIN, KARAD, KHETRI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SAO, CMB, MOD, NVAR, WWOR, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like TXAR, AMTX, FCC, MTA, ARCES, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BLA, SRO, BSEG, JSC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Feldberg, Torquait, and various other locations.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Pointe-a-Pierre, Trinidad (U), and various other locations.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KSP, Ksiaz, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VYHS, VYHS, VYHS, GRA1, GRA1, GRA1, etc.

BUI 14:09:59:01.8, 9.73N:91.64E, h19km, mb5.1, mb4.6, Ms4.4, Ms4.3

IDC 14:09:59:02.9, 0.6, 10.03N:91.56E, mb4.3/15, mb1 4.4/16, mb1mx4.3/22, mbtmp4.2/16, ML4.2/1, Error ellipse: s-maj=24.1km s-min=13.3km az=52.0

NEIC 14:09:59:03.6, 6.4, 10.04N:91.58E, h5km, mb3.9km, mb4.7/10, Error ellipse: s-maj=14.0km s-min=7.1km az=49.0

MOS 14:09:59:05.8, 0.9, 10.12N:91.68E, h33km, mb4.9/13, Error ellipse: s-maj=17.3km s-min=9.3km az=115.8

ISC 14:09:59:02.9, 1.8, 10.00N:06.91E, h16km, 12km, h22km, 3.1km, pP, n7.1, -1907/79, mb4.5/33, Ms4.5, 1C, Nicobar Islands region

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

NEIC 14:10:02:46.1, 1.4, 14.83N:145.51E, h265km, mb4.3/1, Error ellipse: s-maj=25.9km s-min=11.9km az=81.0

IDC 14:10:02:48.1, 10.0, 14.83N:145.55E, h284km, mb3.3/8, mb1 3.5/8, mb1mx3.3/19, mbtmp4.0/8, Ms3.7/1, Ms1 3.7/1, ms1mx2.8/15, Error ellipse: s-maj=33.0km s-min=17.2km az=74.0

ISC 14:10:02:45.2, 1.4, 14.83N:145.5E, h271km, 11km, n14, -0561/12, mb3.7/29, Mariana Islands

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

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

IDC 14:10:15:18.2, 1.4, 8.48S:124.88E, mb3.9/5, mb1 4.2/7, mb1mx4.1/13, mbtmp4.0/7, ML3.7/2, Error ellipse: s-maj=76.1km s-min=27.5km az=60.0

NEIC 14:10:15:19.0, 0.6, 8.38S:124.90E, h10km, Error ellipse: s-maj=38.1km s-min=9.3km az=56.0

ISC 14:10:15:20.4, 0.7, 8.65S:120.1E, 0.1, h33km, n9, -0591/11, mb4.0/6, 1D, Timor region

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

IDC 14:10:16:44.0, 8.1, 11.01S:166.08E, h182km, 78km, mb3.8/13, mb1 4.0/14, mb1mx3.9/20, mbtmp4.3/14, Error ellipse: s-maj=29.2km s-min=17.4km az=43.0

NEIC 14:10:16:43.9, 5.3, 11.01S:166.09E, h182km, 50km, mb4.4/1, Error ellipse: s-maj=22.9km s-min=13.3km az=221.0

ISC 14:10:16:39.0, 0.6, 11.05S:166.1E, 0.1, h150km, n18, -0570/16, mb4.0/13, Santa Cruz Islands

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

NEIC 14:10:18:19.0, 30.64S:71.51W, h40km, MD3.8(GUC), After GUC

GUC 14:10:18:19.0, 0.8, 30.64S:71.51W, h40km, 5km, MD3.8, ML3.0, 1D, Near coast of central Chile

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

CASC 14:10:38:04.2, 2.7, 11.27N:86.61W, MD4.1, ML3.4, 11C-7D, Near coast of Nicaragua

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

IDC 14 10:40:42.5, 2.8, 2.62S, 135.54E, mb3.7/1, mb1 4.2/2, mb1mx3.7/12, mbtomp3.9/2, ML3.8/1, Error ellipse: s-maj=102.1km s-min=40.1km az=101.0, Irian Jaya region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	17.26	184	Op	10 44 45.4	-1.3
ASAR	Alice Springs	20.98	184	P	10 45 27.1	-2.8
YKA	Yellowknife Arr	101.41	26	P	10 54 35.8	-1.2

JMA 14 10:43:03.0, 1.29, 266N, 129.92E, h68km, 1km, M3.6, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JNN	Nakanoshima	0.18	348	Op	10 43 13.7	-0.1
JNC	Kuchinoerabu	0.83	17	P	10 43 21.7	+0.3
JKC	Kuchinoerabu	0.83	17	P	10 43 20.0	0.0
JAM	Amami Oshima	1.27	193	P	10 43 25.2	-0.6
JJK	Kikaishima	1.34	178	P	10 43 27.7	-0.9
JZK	Tanegashima 3	1.35	43	P	10 43 26.9	-0.1
JTN	Tanegashima 3	1.35	43	P	10 43 44.9	+0.6
JTSR	Tashiro 2	1.73	30	P	10 43 32.1	0.0
JTSR	Tashiro 2	1.73	30	P	10 43 53.8	+0.6
JSU	Suzuyama	1.90	14	P	10 43 34.4	+0.1
JSJ	Shimokoshiki	2.02	355	P	10 44 00.5	+0.5
JSJ	Shimokoshiki	2.02	355	P	10 44 00.5	+0.5
JTK	Tokunoshima	2.05	205	P	10 43 36.6	+0.1
JTK	Tokunoshima	2.05	205	P	10 44 01.5	+0.6
JNAR	Kushima-Naru	2.19	32	P	10 43 58.7	+0.2
JNH	Heya	3.13	214	P	10 43 52.9	+1.2
JIH	Heya	3.13	214	P	10 44 29.6	+1.6

CSEM 14 10:43:09.8, 0.2, 72.36N, 4.92E, h10km, ML2.3, Error ellipse: s-maj=13.2km s-min=5.2km az=85.0

NAO 14 10:43:12.7, 4.8, 72.75N, 5.03E, ML2.2

BER 14 10:43:12.3, 2.8, 72.69N, 4.34E, h10km, MD3.0, ML2.3, ML2.2(NAO)

IDC 14 10:43:12.0, 1.5, 72.25N, 4.70E, mb3.4/3, mb1 3.8/8, mb1mx3.6/21, mbtomp3.7/8, ML3.7/5, Error ellipse: s-maj=24.9km s-min=20.1km az=41.0

NEIC 14 10:43:13.6, 1.0, 72.33N, 5.10E, h10km, MD2.8(BER), Error ellipse: s-maj=12.6km s-min=10.8km az=142.0

ISC 14 10:43:12.1, 1.0, 72.26N, 0.08, 5.3E, 0.2, h10km, n24, r122/32, mb3.2/3, Norwegian Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
LOF	Lofoten	5.01	142	eP	10 44 33.0	+3.8
LOF	Lofoten	5.01	142	eP	10 45 33.9	+5.2
LOF	Lofoten	5.01	142	eP	10 45 39.9	+5.2
LOF	Lofoten	5.01	142	eP	10 44 33.0	+3.8
LOF	Lofoten	5.01	142	eP	10 44 33.0	+3.8
TRO	Tromsø	5.19	114	eP	10 44 32.4	+0.6
TRO	Tromsø	5.19	114	eP	10 44 33.7	+1.2
TRO	Tromsø	5.19	114	eP	10 45 37.4	+1.2
TRO	Tromsø	5.19	114	eP	10 44 32.4	+0.6
TRO	Tromsø	5.19	114	eP	10 45 33.7	+1.2
SPA0	Spitsbergen Arr	6.58	20	Pn	10 44 43.5	-7.8
SPA0	Spitsbergen Arr	6.58	20	Pn	10 44 56.6	+2.2
KTK1	Kautokino	6.79	110	eP	10 44 56.6	+0.4
MOR8	Moi Rana	6.92	147	eP	10 46 14.1	-1.7
MOR8	Moi Rana	6.92	147	eP	10 46 19.8	-1.7
MOR8	Moi Rana	6.92	147	eP	10 46 19.8	-1.7
ARA0	ARCESS Array B	7.17	103	Pn	10 44 59.3	-0.3
ARA0	ARCESS Array B	7.17	103	Pn	10 46 21.3	-0.6
ARCES	ARCESS Array B	7.17	103	Pn	10 44 59.5	-0.1
ARCES	ARCESS Array B	7.17	103	Pn	10 46 23.1	+1.3
ARCES	ARCESS Array B	7.17	103	Pn	10 45 12.8	-0.4
NSS	Namsos	8.14	159	eP	10 46 41.5	-4.7
NSS	Namsos	8.14	159	eP	10 45 44.6	-1.3
APA0	Apafity Array	10.53	102	Pn	10 45 58.4	-0.9
NOA	NORSAR Array B	11.50	165	Pn	10 45 58.3	-0.9
NOA	NORSAR Array B	11.50	165	Pn	10 46 13.8	-0.5
HFS	Hagfors	12.62	160	Pn	10 46 14.2	-0.1
KAF	Kangasneim	12.94	131	eP	10 46 16.7	-1.9
KAF	Kangasneim	12.94	131	eP	10 46 26.4	+0.7
FINES	FINESS Array B	13.48	133	Pn	10 46 26.5	+0.8
JOF	Joensuu	13.51	121	eP	10 46 24.8	-1.0
EKA	Eskdalemuir Ar	17.36	196	P	10 47 16.2	+0.7
GERES	GERESS Array B	23.80	166	P	10 48 27.6	+2.3
ASAR	Malin Array Be	24.11	141	P	10 48 29.9	+1.6
ILAR	Eielson Array	41.94	343	P	10 51 03.1	-0.5

IDC 14 10:58:01.0, 5.5, 4.2N, 92.65E, mb3.6/3, mb1 3.9/4, mb1mx3.7/18, mbtomp3.7/4, ML3.9/1, Error ellipse: s-maj=162.7km s-min=28.3km az=74.0, Off west coast of northern Sumatara

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CMAR	Chiang Mai Arr	14.34	25	Op	11 01 26.7	-1.0
SONM	Songino Array	43.87	13	P	11 06 08.8	-2.1
WRA	Warramunga Arr	48.12	123	P	11 06 42.8	-2.3
ASAR	Alice Springs	49.55	127	P	11 06 54.5	-1.6

IDC 14 11:04:30.7, 0.8, 18.33S, 70.89W, h35km, 6km, mb4.1/12, mb1 4.3/13, mb1mx3.3/15, mbtomp4.3/13, ML3.8/1, MS4.2/8, MS4.2/8, mb1mx3.3/15, mbtomp4.3/13, Error ellipse: s-maj=23.8km s-min=16.3km az=67.0, Putative timing error at PDAR

BUI 14 11:04:31.0, 1.8, 60S, 71.10W, h40km

NEIC 14 11:04:31.1, 1.0, 18.56S, 71.10W, h40km, 10km, mb4.3/10, Error ellipse: s-maj=14.7km s-min=7.9km az=61.0

ISC 14 11:04:30.1, 1.1, 18.60S, 0.05, 71.10W, 0.1, h51km, gkern, n49, r1505/39, mb4.2/19, MS4.2/19, Off coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ARE	Arequipa	2.16	349	Op	11 05 03.7	+0.8
ARE	Arequipa	2.16	349	Op	11 05 06.0	0.0
ARE	Arequipa	2.16	349	Op	11 05 30.0	-0.1
LPAZ	La Paz	3.61	51	Pn	11 05 27.5	+2.5
LPAZ	La Paz	3.61	51	Pn	11 06 13.0	0.0
LPAZ	La Paz	3.61	51	Pn	11 07 01.4	0.0
LPAZ	La Paz	3.61	51	Pn	11 05 27.2	+2.2
LVC	Limon Verde	4.47	154	Pn	11 05 37.5	+0.4
LVC	Limon Verde	4.47	154	Pn	11 06 27.6	-0.9

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
LVC	Limon Verde	4.47	154	Pn	11 06 50.0	0.0
LVC	Limon Verde	4.47	154	Pn	11 07 29.0	0.0
LVC	Limon Verde	4.47	154	Pn	11 05 37.2	0.0
LVC	Limon Verde	4.47	154	Pn	11 06 31.1	-3.9
TRAV	Travunski	20.08	338	eP	11 09 03.2	+1.1
OTAO	Olavoy	20.95	160	eP	11 09 10.4	-0.6
PLCA	Paso Flores	22.07	179	P	11 09 25.1	+3.0
BDFB	Brasilia Array	22.23	86	P	11 09 23.4	-0.3
BDFB	Brasilia Array	22.23	86	P	11 10 50.5	0.0
BAO	Bao	27.31	1	P	11 09 24.3	+0.4
BAO	Bao	27.31	1	P	11 09 29.6	0.0
BAO	Bao	27.31	1	P	11 09 36.0	0.0
BAO	Bao	27.31	1	P	11 09 40.6	0.0
BAO	Bao	27.31	1	P	11 10 01.2	0.0
SDV	Santo Domingo	27.31	1	P	11 10 09.2	-3.1
SDV	Santo Domingo	27.31	1	P	11 10 08.6	-3.7
USHA	Ushuaia	36.23	177	LR	11 26 22.9	0.0
TXAR	Lajitas Array	57.11	326	P	11 14 13.1	-0.9
TXAR	Lajitas Array	57.11	326	P	11 36 57.8	0.0
LXZ	Ladron	62.90	327	eP	11 54 57.7	-1.9
ANMO	Albuquerque	62.98	328	P	11 14 53.5	-0.7
SADO	Sadov	64.73	354	LR	11 41 39.9	0.0
SDCO	Sand Dun	64.74	330	P	11 15 05.4	-0.1
SNAA	Sanae	65.67	161	eP	11 15 10.2	-0.8
ISCO	Idaho Springs	66.44	332	eP	11 15 16.2	-0.2
MSU	Marysville	68.66	326	eP	11 15 30.5	+3.3
ARUT	Antelope Range	68.80	325	eP	11 15 32.5	+1.0
TPNV	Topopah Spring	69.78	323	eP	11 15 38.2	+1.0
DBIC	Dimbokro	69.70	75	P	11 15 36.6	-1.6
DBIC	Dimbokro	69.70	75	P	11 43 19.4	0.0
BW06	Boulder Array	70.60	331	eP	11 15 42.4	+0.3
PDAR	Pinedale Array	70.60	331	P	11 15 51.2	+9.1
NVAR	Mina Array B	71.97	323	P	11 15 51.0	+0.7
GCMT	Greycliff	73.02	333	P	11 15 56.8	+0.4
SCHD	Schefferville	73.22	3	P	11 15 55.5	-1.9
HLHO	Hailey	73.53	329	eP	11 16 00.0	+0.6
BOZ	Bozeman (W)	73.77	332	eP	11 16 00.9	+0.1
HRV	Holler Research	74.68	332	eP	11 16 06.8	+0.8
BMO	Blue Mountains	75.90	328	eP	11 16 13.0	-0.1
VNDA	Vanda	79.34	190	P	11 16 33.8	+2.2
SYO	Syowa Base	79.91	160	Op	11 16 36.1	-1.0
EDM	Edmonton	80.30	336	eP	11 16 47.6	-5.1
ESDC	Sonsec Array	85.21	46	P	11 17 03.6	+1.0
MAW	Mawson	87.67	164	LR	11 54 29.2	0.0
YKA	Yellowknife Arr	87.80	341	P	11 17 14.4	-0.2
YKA	Yellowknife Arr	87.80	341	P	11 17 24.9	-4.6
ASAR	Alice Springs	131.45	211	PKP	11 23 39.5	+1.6
ASAR	Alice Springs	131.45	211	PKP	11 23 53.1	0.0
WRA	Warramunga Arr	134.32	214	PKP	11 23 45.5	+2.1
BVAR	Borovoye Array	134.47	32	PKP	11 23 45.0	+2.2
ZAL	Zalesovo	140.11	22	PKP	11 23 46.4	0.0
ZAL	Zalesovo	140.11	22	PKP	11 23 55.5	+2.5
MAJO	Matsushiro	148.68	311	ePKP	11 24 14.1	+6.0
MAJO	Matsushiro	148.68	311	ePKP	11 24 14.0	+5.9
MAT	Matsushiro	148.68	311	PKP	11 24 11.8	+3.7
SONM	Songino Array	150.76	4	PKP	11 24 13.7	+2.6
SONM	Songino Array	150.76	4	PKP	11 24 19.1	+8.1
HYB	Hyderabad	151.06	87	eP	11 24 20.0	+7.6

BUI 14 11:18:00.6, 5.2, 20N, 93.10E, h22km, mb4.1, mb4.3, MS4.4, MS4.2

IDC 14 11:18:00.6, 0.7, 5.26N, 93.19E, h18km, 3km, mb4.1/10, mb1 4.2/11, mb1mx3.4/10, mbtomp4.2/11, ML3.5/1, Error ellipse: s-maj=31.9km s-min=12.9km az=53.0

NEIC 14 11:18:00.6, 0.4, 5.20N, 93.13E, mb4.3/5, Error ellipse: s-maj=1.5km s-min=0.5km az=7.0

ISC 14 11:17:59.6, 0.5, 19N, 93.15E, 0.1, h22km, h22km, 1.0km, P, n26, r076/24, mb4.3/18, MS4.2/1, Off west coast of northern Sumatara

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PALK	Pallekele	12.51	280	eP	11 20 57.8	-0.6
CMAR	Chiang Mai Arr	14.34	25	Op	11 21 23.0	-0.7
JIRN	Jiri	23.36	344	eP	11 23 07.6	+1.0
GUN	Gumba	23.68	344	eP	11 23 10.7	+1.0
GKN	Gorkha	24.13	341	eP	11 23 14.7	+0.5
KOLN	Koldanda	24.27	339	eP	11 23 16.6	+1

ISC 14 14:29:41.1, 1.3, 7.0N, 0.1, 91.6E, 0.2, h33km, n11, 0.057/11, mb3.9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, JIRN, PKI Pulchoki, DMN Dumach, GUN Gumba, GKN Gorkha, KOLN Koldanda, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, ASAR Alice Springs.

BUI 14 14:34:20.4, 3.65N-93.52E, h31km, mb5.1, mb4.8, Ms4.5, Ms4.1
MOS 14 14:34:25.8, 1.2, 4.39N-93.51E, h33km, mb4.9/17, Error ellipse: s-maj=18.9km s-min=9.3km az=90.8
IDC 14 14:34:29.0, 0.7, 4.58N-93.22E, h29km, mb4.1, mb4.1/12, mb4.1, 3/13, mb1mx4.1/19, mb1mx4.3/13, ML4, 0/1, MS4.1/14, Ms1.4/14, ms1mx3.9/23, Error ellipse: s-maj=25.6km s-min=15.7km az=48.0

NEIC 14 14:34:28.0, 0.3, 4.53N-93.14E, mb4.7/11, Error Ellipse: s-maj=9.5km s-min=6.7km az=220.0

ISC 14 14:34:27.0, 0.5, 4.64N, 0.06, 93.24E, 0.06, h30km, h2C, Off west coast of northern Sumatara

Main table of station data for the 14d 14h period, including stations like Port Blair, Pallekele, Chiang Mai Arr, Bhopal, Lhasa, Lanzhou, Nanjing, etc.

Main table of station data for the 2005 JAN period, including stations like WRAB Tennant Creek, WBY Warramunga Arr, ASAR Alice Springs, ZAL Zalesovo, HAIL Hailar, etc.

Main table of station data for the 2005 JAN period, including stations like PDAR Pinedale Array, NEIC 14 14:35:56.4, LVC Limon Verde, CPNI Cerro Paranal, etc.

NIED 14 14:51:00.45.90N,143.50E,h360km,Mw4.5 Best double couple: M_s=7.9x10¹⁵ NP1φ₀=158°,δ85°,λ12°. NP2φ₀=67°,δ78°,λ175°.

SKHL 14 14:51:10.50.0.0.46.11Nk:143.36E,h330km,19km,mb5.1/1,msH4.9/3

MOS 14 14:51:10.70.0.9.46.14Nk:143.38E,h331km,mb4.0/12, Error ellipse: s-maj=12.2km s-min=7.3km az=87.9

BUI 14 14:51:11.6.46.20Nk:143.48E,h342km,mb4.7,mb4.6

IDC 14 14:51:11.9.0.7.46.17Nk:143.47E,h322km,8km,mb3.6/13, mb1.3,9/15,mb1mx3.7/24,mbtmp4.4/15, Error ellipse: s-maj=13.8km s-min=11.4km az=127.0

JMA 14 14:51:12.3.0.2.45.94Nk:143.54E,h340km,2km,M3.7

JOT 14 14:51:12.3.0.5.46.10Nk:143.44E,h331km,5km,mb4.2/19, Error ellipse: s-maj=8.4km s-min=5.7km az=141.0

NEIC 14 14:51:10.9.0.2.46.16Nk:0.03,143.41E,0.05,h331km,2km,n110,σ₁19/140,mb3.9/27,14-4D,Sakhalin Island

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
YSS	Yuzh-Sakhalins	0.92	331	α/PN	P		14 51 54.0	-0.5
YSS				i/S	S		14 52 28.0	-0.6
YSS	comp=N,70nm,0.3s			pmax	pmax			
YSS	comp=E,50nm,0.3s			pmax	pmax			
YSS	comp=Z,240nm,0.3s			pmax	pmax			
YSS	comp=Z,500nm,1.2s			pmax	pmax			
YSS	comp=N,540nm,1.2s			smax	smax			
YSS	comp=E,500nm,1.2s			smax	smax			
YSS	comp=N,600nm,1.4s			smax	smax			
YSS	comp=E,2μm,2.2s			smax	smax			
YSS	Yuzh-Sakhalins	0.92	331	α/PN	P		14 51 56.8	+2.3
YSS	Yuzh-Sakhalins	0.92	331	β/P	P		14 51 54.0	+0.5
YSS				i/S	S		14 51 54.0	
YSS				AMB	AMB		14 51 54.3	
YSS	comp=E,240nm,0.3s			AMB	AMB		14 51 54.3	
YSS	comp=E,70nm,0.3s			AMB	AMB		14 51 54.3	
YSS	comp=E,50nm,0.3s			AMB	AMB		14 51 54.3	
YSS	comp=E,500nm,1.2s			AMB	AMB		14 51 54.6	
YSS	comp=N,600nm,1.4s			AMB	AMB		14 52 30.0	
YSS	comp=E,2μm,2.2s			A	A		14 52 30.0	
YSS	comp=E,540nm,1.2s			A	A		14 52 30.0	
YSS	comp=E,500nm,1.2s			A	A		14 52 30.0	
YSS	comp=E,600nm,1.4s			A	A		14 52 30.0	
JSE	Soyaes	1.33	206	P	P		14 51 57.8	+1.3
JSE				eS	S		14 52 33.2	+1.0
JWK2	Keihoku	1.35	232	β/P	P		14 51 58.7	+2.1
JWK2				eS	S		14 52 34.4	+2.0
JRR	Rishiri	1.79	236	β/P	P		14 52 01.1	+1.8
JRR				eS	S		14 52 39.3	+2.1
ASAJ	Asahikawa	2.12	196	PN	P		14 52 03.0	+1.3
ASAJ				S	S		14 52 41.9	+0.4
ASAJ	comp=Z,13nm,0.3s			P	P		14 52 03.0	+1.3
ASAJ	Asahikawa	2.12	196	P	P		14 52 03.0	+1.3
ASAJ	comp=Z,13nm,0.3s,baz=20,slo=3.9,SNR=124			S	S		14 52 41.9	+0.4
JTKR	Abashiri-Toko	2.21	171	β/P	P		14 52 03.1	+0.6
JTKR				eS	S		14 52 43.4	+0.6
JYG	Yagishiri	2.23	220	β/P	P		14 52 03.8	+1.2
JYG				eS	S		14 52 44.1	+1.2
JKK2	Kamakawa 2	2.33	192	β/P	P		14 52 04.4	+1.0
JRA	Rausu	2.53	151	P	P		14 52 05.5	+0.4
JRA	Hokuryu	2.69	207	β/P	P		14 52 07.9	+1.1
YUK	Yuzh-Kuril'sk	2.74	140	PN	P		14 51 57.9	-9.0
YUK				eS	S		14 52 50.0	-0.7
YUK	comp=N,1μm,1.0s			smax	smax		14 52 54.0	
YUK	comp=E,820nm,1.0s			smax	smax		14 52 54.0	
YUK	Yuzh-Kuril'sk	2.74	140	eP	P		14 52 04.3	-2.6
YUK				eS	S		14 52 50.0	-0.7
YUK	comp=E,1μm,1.0s			A	A		14 52 54.0	
JAR	Ashorobuto	2.87	175	β/P	P		14 52 08.5	+0.4
JAR				eS	S		14 52 52.7	-0.1
JFR	Furan	3.05	191	β/P	P		14 52 10.2	+0.5
UGL	Ulgorsk	3.06	343	β/P	P		14 52 09.6	+0.4
UGL				i/S	S		14 52 56.0	+0.1
UGL	comp=Z,170nm,0.8s			pmax	pmax			
UGL	comp=Z,350nm,1.0s			pmax	pmax			
UGL	comp=N,1μm,2.5s			smax	smax			
UGL	comp=E,3μm,2.5s			smax	smax			
UGL	comp=N,480nm,1.2s			smax	smax			
UGL	comp=E,800nm,1.6s			smax	smax			
UGL	Ulgorsk	3.06	343	eP	P		14 52 09.4	-0.4
UGL				AMB	AMB		14 52 10.0	
UGL	comp=E,170nm,0.8s			AMB	AMB		14 52 10.0	
UGL	comp=E,350nm,1.0s			AMB	AMB		14 52 10.0	
UGL	comp=N,1μm,2.5s			i/S	S		14 52 56.0	+0.1
UGL	comp=E,1μm,2.5s			eS	S		14 52 58.0	
UGL	comp=E,3μm,2.5s			A	A		14 52 58.0	
UGL	comp=E,480nm,1.2s			A	A		14 52 58.0	
UGL	comp=N,800nm,1.6s			A	A		14 52 58.0	
NEM2	Nemuro 2	3.25	148	P	P		14 52 09.4	-2.2
NEM2				eS	S		14 52 54.5	-4.7
KUR	Kuril'sk	3.26	105	β/P	P		14 52 09.8	-1.9
KUR				AMB	AMB		14 52 10.5	
JAK	Akkeshi	3.29	163	P	P		14 52 10.5	-1.6
JAK				eS	S		14 52 57.0	-3.0
JSK	Shakotan	3.50	218	P	P		14 52 15.3	+1.4
JCH	Churui	3.54	181	P	P		14 53 00.0	-4.4
JEW	Eniwo	3.60	204	P	P		14 52 16.1	+1.0
JEW				eS	S		14 53 06.8	+1.3
JNBK	Urakawa-nobuka	3.91	187	P	P		14 52 17.1	-1.2
JKB	Kayabe	4.60	203	P	P		14 52 24.9	-0.8
JKB				eS	S		14 53 21.9	-2.5
TYV	Tymovskoe	4.74	354	ePN	P		14 52 26.6	-0.6
TYV				eS	S		14 53 27.0	-0.1
TYV	comp=Z,31nm,0.7s			pmax	pmax			
TYV	comp=N,200nm,0.8s			smax	smax			
TYV	comp=E,110nm,1.0s			smax	smax			
TYV	comp=Z,92nm,1.0s			smax	smax			
TYV	comp=N,1μm,2.0s			smax	smax			
TYV	comp=E,1μm,2.0s			smax	smax			
TYV	comp=Z,1μm,2.0s			smax	smax			
TYV	Tymovskoe	4.74	354	eP	P		14 52 26.6	-0.6
TYV				AMB	AMB		14 52 28.3	
TYV	comp=Z,31nm,0.7s			eS	S		14 53 27.0	-0.1
TYV	comp=Z,200nm,0.8s			A	A		14 53 29.0	
TYV	comp=Z,110nm,0.8s			A	A		14 53 29.0	

TYV	comp=Z,92nm,0.8s			A	A		14 53 29.0	
TEY	Ternei	4.91	259	eP	P		14 52 27.0	-2.1
TEY				AMB	AMB		14 52 28.5	
TEY	comp=Z,22nm,0.6s			i/S	S		14 53 28.0	-2.6
TEY				A	A		14 53 30.0	
TEY	comp=Z,800nm,3.0s			A	A		14 53 30.5	
TEY	comp=Z,700nm,3.0s			A	A		14 53 30.5	
TEY	comp=Z,300nm,2.0s			A	A		14 53 30.5	
TEY	comp=Z,350nm,1.7s			A	A		14 53 30.5	
JOSM	Okushiri-Mats	4.96	216	P	P		14 52 29.7	0.0
JOT	Ohta	5.07	201	P	P		14 52 29.6	-1.4
JOT				eS	S		14 53 28.5	-4.3
JANG	Nango	5.94	194	P	P		14 52 29.7	-2.3
JANG				eS	S		14 53 45.3	-6.5
GRNR	Gornyy	6.55	317	eP	P		14 52 48.6	+0.4
GRNR				Phase ID	AMB		14 52 51.0	
GRNR	comp=Z,250nm,1.0s			AMB	AMB		14 52 51.0	
GRNR	comp=Z,170nm,1.0s			AMB	AMB		14 52 51.0	
GRNR	comp=Z,520nm,1.0s			AMB	AMB		14 52 51.0	
NKL	Nikolayevsk	7.22	347	eP	P		14 52 52.8	-3.4
NKL				AMB	AMB		14 52 55.3	
NKL	comp=Z,8.0nm,0.8s			eS	S		14 54 16.0	-2.9
NKL				A	A		14 54 20.5	
NKL	comp=Z,77nm,1.3s			A	A		14 54 22.0	
OKH	Okha	7.41	358	eP	P		14 52 58.5	+0.1
OKH				AMB	AMB		14 52 59.5	
KLR	Kul'dur	8.45	296	eP	P		14 53 10.0	-0.9
SKR	Severo-Kuril's	9.58	57	ePN	P		14 53 24.0	-0.6
SKR				eS	S		14 55 14.5	+4.3
SKR	comp=Z,80nm,0.5s			smax	smax			
SKR	comp=N,60nm,0.5s			smax	smax			
SKR	Severo-Kuril's	9.58	57	eP	P		14 53 24.0	-0.6
SKR				AMB	AMB		14 53 26.5	
SKR	comp=N,50nm,0.5s			AMB	AMB		14 53 26.5	
SKR	comp=N,80nm,0.5s			AMB	AMB		14 53 26.5	
SKR	comp=N,80nm,0.5s			eS	S		14 55 13.5	+3.3
SKR				A	A		14 55 20.5	
SKR	comp=N,80nm,0.5s			A	A		14 55 20.5	
SKR	comp=N,60nm,0.5s			A	A		14 55 20.5	
SKR	comp=N,30nm,0.5s			A	A		14 55 20.5	
EKMR	Ekimchan	9.69	319	AMB	P		14 53 25.0	-0.8
EKMR				AMB	AMB		14 53 27.2	
EKMR	comp=N,11nm,0.8s			AMB	AMB		14 53 27.2	
EKMR	comp=N,48nm,0.8s			AMB	AMB		14 53 27.2	
MDJ	Mudanjiang	9.85	266	P	P		14 53 29.8	+2.0
MDJ				AMB	AMB		14 53 29.8	+2.0
MDJ	comp=Z,77nm,0.9s			AMB	AMB		14 53 29.8	+2.0
MDJ	comp=Z,158nm,5.2s			LR	LR			
MDJ								

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARRY Ulba, ULBA, JU2A San Juan 2, PISA Pisayambo, etc.

IDC 14 16:44:32.1=13.0, 13.07N-94.09E, mb3.5/2, mb1 3.5/3, mb1mx3.3/18, mbtmp3.2/3, ML2.8/1, Error ellipse: s-maj=294.6km s-min=34.0km az=107.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, WRA Warramunga Arr, ASAR Alice Springs.

ATH 14 16:49:42.6, 36.58N-26.49E, h5km, MD3.6/7, NEIC 14 16:49:42.6, 36.58N-26.49E, h5km, MD3.6(ATH), After ATH.

CSEM 14 16:49:42.0-2.1, 36.62N-26.49E, h2km, MD3.6, Error ellipse: s-maj=1.7km s-min=1.1km az=27.0, ISC 14 16:49:42.0-5.0, 36.61N-0.05-26.47E, 0.04, h5km, n17, s=1504/24, 1C-10, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SANT Santorini, APE Apeiranthos, BDRM Kayabasi, etc.

MAN 14 17:00:02.2, 15.67N-120.09E, h31km, mb2.7, ML2.3, MS3.9, 1D, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SCZP Santa Cruz, BOLP Bolinao, PCPH Palayan, etc.

MOS 14 17:00:04.2-1.7, 34.50N-26.52E, h33km, mb3.5/1, Error ellipse: s-maj=17.2km s-min=9.4km az=92.6, CSEM 14 17:00:06.7-0.1, 34.61N-26.55E, h66km, 2km, MD3.8, Error ellipse: s-maj=4.9km s-min=2.4km az=33.0, IDC 14 17:00:08.0-1.8, 34.65N-26.62E, h59km, 19km, mb3.7/8, mb1 3.8/12, mb1mx3.6/20, mbtmp3.9/12, ML3.6/5, Error ellipse: s-maj=34.5km s-min=14.3km az=28.0, HLW 14 17:00:09.8, 34.59N-26.67E, h26km, Mb3.8, ATH 14 17:00:10.3, 34.94N-26.35E, h55km, MD3.8/7, NEIC 14 17:00:10.3, 34.94N-26.35E, h55km, MD3.8(ATH), After ATH.

ISC 14 17:00:06.0-0.5, 34.67N-0.04-26.70E, 0.04, h59km, 9km, n58, c123/63, mb3.9/8, 7C-1D, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, NRP Neapolis, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AKASG Main Array Be, AKASG, AKASG Main Array B, etc.

IDC 14 17:05:19.0-1.8, 11.50N-92.69E, mb3.5/4, mb1 3.6/5, mb1mx4.4/19, mbtmp3.5/5, ML3.4/1, Error ellipse: s-maj=47.7km s-min=23.2km az=73.0, ISC 14 17:05:23.0-1.0, 11.51N-10.10-92.95E, 0.09, h33km, n7, s=994/10, mb3.5/4, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, SONM Songino Array, etc.

MOS 14 17:08:32.8-0.8, 4.91N-95.30E, h33km, mb5.4/35, Error ellipse: s-maj=11.8km s-min=5.5km az=122.8, BJL 17 17:08:34.1, 4.58N-95.03E, h64km, mb5.1, mb5.0, Ms4.6, Msz4.4, IDC 14 17:08:36.3-0.5, 4.88N-95.23E, h50km, 3km, mb4.5/28, mb1 4.6/29, mb1mx4.5/32, mbtmp4.7/29, MS4.2/14, Ms1 4.2/14, ms1mx4.1/20, Error ellipse: s-maj=24.0km s-min=9.2km az=43.0, NEIC 14 17:08:36.0-1.2, 4.80N-95.20E, h47km, 10km, mb5.0/45, Error ellipse: s-maj=7.4km s-min=4.6km az=213.0, HRVD 14 17:08:36.0-0.3, 4.45N-95.07E, h53km, 1km, MW5.0/46, Centroid moment Tensor Solution. LP body waves: s40.c63, Mantle waves: s46.c80; Half duration: 0 Moment tensor: Scale 10^16Nm; M1: 44; M2: 44; M3: 12; M4: 12; M5: 12; M6: 13; M7: 14; M8: 14; M9: M10: 09; M11: 09; M12: 12; Best double couple: M1-277x10^16 NP1: 303; 830; 179; NP2: 135; 860; 196; Principal axes: T: 0.062, P: 0.747, Azm61; N: 431, P: 312; P: 4.493, P: 15; Azm221; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 14 17:08:34.0-0.3, 4.77N-10.04-95.24E, 0.04, h52km, h52km, 1.2km, p-P, n247, c099/237, mb5.0/93, MS4.3/22, 32C-8D, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PKT Phuket, SNG Songkhla, NNT Nongplai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, UBUT Ubonrachathani, CHG Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BHPL Bhopal, GKN Gorkha, KOLD Koldanda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HNTI Hanita, SLTI Sal'it, ZNM Zziot, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KMTI Karmit, AQBQ Aqaba, ZFRI Zfri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PBA comp=E,75um,0.3s, CMAR Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GVD, LEF, MGFR, SZAC, MAMC, KYTH, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SUW, GRA1, GRF, LMR, CLL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZAL, DBIC, KOLN, GKN, etc.

LDG 14 19:31:24.8,0.2, 14.335:167.61E, h10km, Mb4.1/1, Error ellipse: s-maj=39.1km s-min=5.6km az=91.0

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

WEL 14 19:37:46.2,0.1, 41.305:175.22E, h28km, ML3.5/10, GC-2D, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0

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

MAN 14 20:04:33.9, 16.45N-120.88E, h1km, mb4.8, ML3.8, MS3.8, 1C, Luzon

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

Table with columns: Name, Date, Time, Location, and other details. Includes entries like KZD Kurdzhal, VRI Vriocia, PET Petropavlovsk, etc.

Table with columns: Name, Date, Time, Location, and other details. Includes entries like CLL Colim, CLL Colim, CLL Colim, etc.

Table with columns: Name, Date, Time, Location, and other details. Includes entries like LASF Ste Croix, PLDF Ste Croix, LASF Ste Croix, etc.

15d 0h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Bilibino, DPC, FX1, PERS, PRU, PVCC, BRG, GEC2, KHC, WET, SYO, NB2, INK, BOZ, HLID, NVAR, MNV, PDAR.

IDC 14 22:59:52.9.2.8, 10.35N, 91.39E, mb3.6/4, mb1 m3.5/18, mbtmp3.6/4, Error ellipse: s-maj=107.4km s-min=24.7km az=64.0, Andaman Islands region

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

IDC 14 23:31:11.9.1.3, 12.92N, 93.94E, mb3.5/5, mb1 3.7/6, mb1 m3.6/18, mbtmp3.5/6, ML4.0/1, Error ellipse: s-maj=37.0km s-min=27.2km az=47.0

ISC 14 23:31:14.9.3.6, 13.06N, 0.0894.1E, 0.1, h30km, 29gkm, n14, c082/15, mb3.5/5, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBA, CMAR, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, ZAL, WRA, BRTR, GERES, LPL, LPG, ORIF, ASAR.

IDC 14 23:55:28.9.8.5, 5.26S, 146.16E, h07km, 86gkm, mb2.9/2, mb1 3.2/4, mb1 m3.1/13, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=75.5km s-min=34.7km az=139.0, Eastern New Guinea region

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

IDC 15 00:01:04.8.0.8, 53.51N, 160.02E, mb3.7/13, mb1 4.0/14, mb1 m3.9/22, mbtmp3.7/14, ML3.9/1, Error ellipse: s-maj=22.9km s-min=13.7km az=5.0

NEIC 15 00:01:09.5.7.1, 53.50N, 160.02E, h31km, 50gkm, mb4.6/6, Error ellipse: s-maj=16.9km s-min=10.8km az=168.0

MOS 15 00:01:10.5.2.0, 53.37N, 160.33E, h61km, mb4.8/5, Error ellipse: s-maj=17.6km s-min=8.5km az=77.5

KRSC 15 00:01:11.6.0.4, 53.36N, 160.42E, h39km, 53gkm, ML4.3

ISC 15 00:01:10.5.0.4, 53.31N, 0.02, 160.58E, 0.5, h39km, n64, c1508/97, mb3.9/18, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPN, VOY.

2005 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NLC, SDR, UGLR, SMAR, AVH, KOK, PET, KPT, RUS, GNL, GRL, TUMR, APC, KMN, KMN, KLY, KLY, KLY, SDR, SRDR, KBTR, KBTR, KBTR, KBTR, SVLR, SVLR, SKR, SKR, SKR, FX1, FX1, YAK, YAK, INK, INK, INK, SONM, YKA, YKA, ENH, ENH, NEW, BVAR, BRVK, ARCES, NVAR, PDAR, KAF, KAF, FINES, NB2, NB2, NOA, TXAR, GERES, WRA, LPL, LPL, LPL, LPG, LPG, LPG, ORIF, ORIF, ORIF, ASAR.

IDC 15 00:13:44.1.0.6, 46.40N, 0.03, 15.12E, 0.05, n6, c0584/12, 3C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PERS, PERS, GROS, GROS, OBKA, OBKA, LEGS, LEGS, ARSA, ARSA, VOY, VOY.

ISC 15 00:13:44.1.0.6, 46.40N, 0.03, 15.12E, 0.05, n6, c0584/12, 3C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, SHL, HYB, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, BVAR, WRA, LPL, LPG, ORIF, ASAR, URZ, RAR, CTA, PMG, PMG, STKA, ASAR, WRA, WRA, CMB, HUMO, NVAR, MNV, ENH, BMO, HLID, HLID, TXAR, NEW, ANMO, ANMO, COLA, ILAR, CMAR, BW06, PDAR, SONM, YKA, ZAL, ZAL, SADO.

ISC 15 00:13:44.1.0.6, 46.40N, 0.03, 15.12E, 0.05, n6, c0584/12, 3C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, SHL, HYB, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, BVAR, WRA, LPL, LPG, ORIF, ASAR, URZ, RAR, CTA, PMG, PMG, STKA, ASAR, WRA, WRA, CMB, HUMO, NVAR, MNV, ENH, BMO, HLID, HLID, TXAR, NEW, ANMO, ANMO, COLA, ILAR, CMAR, BW06, PDAR, SONM, YKA, ZAL, ZAL, SADO.

404

NEIC 15 00:14:13.9.0.9, 14.44N, 92.48E, h30km, mb4.0/2, Error ellipse: s-maj=21.6km s-min=15.7km az=46.0

IDC 15 00:14:16.8.7.0, 14.47N, 92.28E, h60km, 60gkm, mb3.7/5, mb1 3.9/6, mb1 m3.5/17, mbtmp3.9/6, ML3.6/1, MS2.7/1, Ms1 2.9/1, ms1 m2.6/24, Error ellipse: s-maj=41.9km s-min=17.8km az=50.0

ISC 15 00:14:10.7.0.8, 14.54N, 0.08, 92.18E, 0.07, h30km, n22, c1528/23, mb4.1/6, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, SHL, HYB, JIRN, PKI, GUN, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, ULN, BVAR, CBJ, WRA, ARAB, FINES, GERES.

IDC 15 00:28:07.2.1.4, 24.12S, 67.22W, h185km, 13gkm, mb3.2/2, mb1 3.5/6, mb1 m3.3/15, mbtmp4.0/6, Error ellipse: s-maj=25.9km s-min=16.9km az=38.0

NEIC 15 00:28:07.4.0.8.24, 135.67, 14W, h184km, 12gkm, Error ellipse: s-maj=14.5km s-min=10.9km az=69.0

ISC 15 00:28:06.4.0.8.24, 185.0, 0.07, 67.2W, 0.1, h191km, 13gkm, n12, c0817/15, mb3.5/2, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC, LVC, LPAZ, LPAZ, LPAZ, CPUP, CPUP, TRQA, TRQA, BDFB, BDFB, BAO, BAO, JTS, JTS, DBIC, DBIC.

BUI 15 00:38:49.0.21.10S, 178.60W, h601km, mb5.2, mb4.5

IDC 15 00:38:49.1.9.21.08S, 178.65W, h602km, 22gkm, mb3.6/14, mb1 3.7/16, mb1 m3.7/20, mbtmp4.5/16, Error ellipse: s-maj=24.7km s-min=9.8km az=161.0

NEIC 15 00:38:49.1.3.21.11S, 178.60W, h602km, 16gkm, mb4.3/5, Error ellipse: s-maj=16.0km s-min=7.7km az=163.0

ISC 15 00:38:47.6.2.0.21.10S, 178.68W, 0.09, h593km, 29gkm, n88, c082/31, mb4.1/19, D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, RAR, CTA, PMG, PMG, STKA, ASAR, WRA, WRA, CMB, HUMO, NVAR, MNV, ENH, BMO, HLID, HLID, TXAR, NEW, ANMO, ANMO, COLA, ILAR, CMAR, BW06, PDAR, SONM, YKA, ZAL, ZAL, SADO.

NEIC 15 01:53:32.1, 1.3, 8.84N, 93.49E, h39km, 12km, mb4.4/2, Error ellipse: s-maj=11.8km s-min=1.0km az=47.0

IDC 15 01:53:34.1, 5.8, 8.87N, 93.55E, h45km, 55km, mb3.7/14, mb1 3.9/15, mb1mx3.8/22, mbtmp3.9/15, ML4.1/1, MS3.7/2, Ms1 3.7/2, ms1mx3.3/24, Error ellipse: s-maj=48.0km s-min=15.7km az=57.0

ISC 15 01:53:29.3, 9.8, 8.84N, 0.08, 93.49E, 0.10, h25km, 28km, n33, c0985/32, mb4.0/17, MS3.7/2, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, PALK Pallekele, HYB Hyderabad, etc.

BUI 15 01:55:31.3, 2.14N, 94.13E, h56km, mb5.0, mb4.9, Ms4.4, Ms4.2

MOS 15 01:55:31.2, 1.0, 7.22N, 94.31E, h33km, mb4.8/9, Error ellipse: s-maj=24.4km s-min=1.0km az=98.2

NEIC 15 01:55:32.7, 0.3, 2.70N, 94.24E, mb4.6/7, Error ellipse: s-maj=10.7km s-min=6.9km az=53.0

IDC 15 01:55:33.0, 0.4, 2.72N, 94.20E, h27km, 2km, mb4.3/21, mb1 4.4/22, mb1mx4.3/27, mbtmp4.4/22, ML4.9/1, MS3.4/1, Ms1 3.6/1, ms1mx3.0/25, Error ellipse: s-maj=19.7km s-min=9.3km az=45.0

ISC 15 01:55:30.9, 0.2, 6.28N, 0.06, 94.25E, 0.07, h27km, h27km, 4km, p-P, n85, c0992/79, mb4.6/40, MS4.2/1, 2D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like SNG Songkhla, KKT Khon Kaen, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like TLY Talaya, HIA Hailar, RAYN Ar Rayn, ZAL Zalesovo, NVS Novosibirsk, etc.

ATH 15 02:06:30.4, 36.92N, 27.88E, h29km, MD3.1/3 CSEM 15 02:06:30.0, 0.1, 36.98N, 27.95E, h22km, MD3.2, Error ellipse: s-maj=1.6km s-min=1.3km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like AYDN Aydn, ARG Arhangelos, FETY Fethiye, etc.

IDC 15 02:19:25.1, 9.8, 7.72S, 125.44E, mb4.3/2, mb1 4.4/4, mb1mx4.0/14, mbtmp4.4/4, ML3.5/2, Error ellipse: s-maj=160.3km s-min=58.8km az=3.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like KAKA Kakadu, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

NEIC 15 02:42:29.4, 38.15S, 176.34E, h156km, After WEL, WEL 15 02:42:28.8, 0.3, 38.15S, 176.31E, h159km, 3km, ML4.3/11, 14C-4D, Error ellipse: s-maj=1.7km s-min=1.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like UTU Utuhina, LRU Utuhina, LRU Lichensteins R, etc.

CSEM 15 02:42:33.9, 27.89N, 57.83E, h18km, ML3.5, After THR THR 15 02:42:33.9, 0.7, 27.89N, 57.83E, h18km, 9km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include stations like BND5 Bandar-Abbas, BND5 Bandar-Abbas, BND5 Bandar-Abbas, etc.

Table with columns: KRBR, comp=E, 366nm, 0.4s, AML, AML, 02 43 52.0, etc.

BUI 15 02:54:50.5, 48.87N, 131.45E, h16km, ML4.4

SKHL 15 02:54:48.6, 0.1, 48.92N-131.40E, h6km, 1km, mb4.1/8,

Priamurye-Northeastern China border region

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) for various stations like KLR, GRNR, YASR, etc.

NEIC 15 03:28:58.9, 36.30S, 177.36E, h270km, After WEL

WEL 15 03:29:00.2, 0.6, 36.37S, 177.50E, h263km, 8km, ML3.7/2,

Error ellipse: s-maj=12.7km s-min=8.4km az=90.0, Off east coast of North Island

Table listing seismic stations for the NEIC event, including stations like MZK, PUKETI, etc.

CSEM 15 03:36:46.9, 36.50N, 6.78E, ML3.5, After ALG, Northern Algeria

Table listing seismic stations for the CSEM event, including stations like CAEH, CASM, etc.

Table listing seismic stations for the DFRA event, including stations like Djebel Bou Aouf, Kef el Ahmar, etc.

IDC 15 03:41:58.6, 1.1, 12.89N, 87.79W, mb3.6/8, mb1 3.9/8,

NEIC 15 03:42:00.0, 0.5, 12.94N, 87.76W, h10km, mb3.5/2, Error ellipse: s-maj=16.3km s-min=7.2km az=51.0

CASC 15 03:42:07.1, 2.2, 12.70N, 88.23W, h54km, 41km, MD4.1, ML3.9, mb3.5(NEIC)

ISC 15 03:42:06.3, 0.3, 12.74N, 0.06, 88.21W, 0.04, h79km, 4km, n59, c086/87, mb3.6/10, 9C-8D, Off coast of central America

Main table listing seismic stations for the IDC event, including stations like CNCH, BLML, CAHU, etc.

BOOS Boqueron 1.44 314 eP P 03 42 31.4 0.0

TICN Tiquantepe 2.05 110 eP P 03 42 39.7 +0.2

WILN Americas 2 2.05 106 eS P 03 42 40.2 +0.2

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

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WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

WMOJ Momotombo 1.66 1011 eS P 03 42 54.4 +0.4

s-min=15.8km az=70.0

NEIC 15 03:49:15.3, 0.7, 7.70N, 127.00E, h10km, mb4.2/2, Error ellipse: s-maj=104.0km s-min=8.6km az=70.0

MAN 15 03:49:19.4, 7.89N, 127.39E, h15km, mb4.2, ML3.0, MS3.5

ISC 15 03:49:13.0, 0.5, 7.94N, 0.05, 127.67E, 0.04, h10km, n39, c131/39, mb4.2/12, 1C-2D, Philippine Islands region

Main table listing seismic stations for the NEIC event, including stations like BIFH, MATI, BUTP, etc.

SKHL 15 03:59:04.8, 0.3, 48.89N, 131.31E, h5km, mb3.5/3, 1D,

Priamurye-Northeastern China border region

Main table listing seismic stations for the SKHL event, including stations like KLR, GRNR, YASR, etc.

IDC 15 04:42:18.3, 18.0, 17.79S, 174.94W, h173km, 161km, mb4.1/6, mb1 4.2/6, mb1mx3.7/17, mbtmp4.6/6, Error ellipse: s-maj=81.0km s-min=34.0km az=27.0

NEIC 15 04:42:18.1, 1.1, 17.83S, 175.05W, h207km, 14km, mb4.1/2, Error ellipse: s-maj=17.9km s-min=12.8km az=117.0

ISC 15 04:42:16.9, 2.9, 17.95S, 0.2, 175.17W, 0.3, h203km, 50km, n13, c056/11, mb4.2/8, 2D, Tonga Islands

Main table listing seismic stations for the IDC event, including stations like AFI, URZ, RPZ, etc.

CSEM 15 05:00:35.8, 0.0, 05N, 123.50E, h33km, mb5.6

BUI 15 05:00:29.1, 0.9, 0.06S, 123.46E, h121km, mb5.1/22, Error ellipse: s-maj=13.3km s-min=7.8km az=110.8

MOS 15 05:00:29.1, 0.9, 0.06S, 123.46E, h121km, mb5.1/22, Error ellipse: s-maj=13.3km s-min=7.8km az=110.8

IDC 15 05:00:30.5, 1.4, 0.01S, 123.50E, h110km, 11km, mb4.7/22, mb1 4.8/23, mb1mx4.8/24, mbtmp5.1/23, MS4.2/11, Ms1 4.2/11, ms1mx3.9/24, Error ellipse: s-maj=16.8km s-min=8.7km az=67.0

NEIC 15 05:00:30.3, 0.9, 0.06S, 123.45E, h110km, 8km, mb5.1/49, Error ellipse: s-maj=8.2km s-min=5.2km az=63.0

HRVD 15 05:00:30.3, 0.2, 0.12S, 123.66E, h124km, 1km, MW5.3/65, Centroid moment Tensor Solution. LP body waves: s58, c68, Mantle waves: s65, c123, Half duration: 1s1

IDC 15 03:49:13.7, 1.3, 7.86N, 127.40E, mb4.1/9, mb1 4.2/9, mb1mx4.0/19, mbtmp4.1/9, Error ellipse: s-maj=202.5km

NP2@+138°,850°,156°. Principal axes: T 1.222, Plg64°, Azm342°; N-071, Plg26°, Azm162°; P-1.152, Plg0°, Azm252°. nsta1 refers to body waves, cutoff=0.05s. nsta2 refers to surface waves, cutoff=50s.

ISC 15 05:00:28.7.0.2.0.11S.0.02.123.52E.0.03.h110km, (h109km,8.6km;pP-P),n361,c1s26/246,mb5.2/89,28C-18D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BEST Besiri, ERZM Erzurum, SOCI Sochi, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KHC Kasperske Hory, YKA Yellowknife Ar, YKA comp=Z,2.0nm,0.7s, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPAZ comp=Z,8.8nm,0.8s, etc., and a detailed list of stations in the Taiwan region.

Table with columns: Code, Station Name, Az, El, S, P, G, Sg, Res. Includes stations like JIU2, JTA, JZT, etc.

Table with columns: ESAC, Station Name, Az, El, S, P, G, Sg, Res. Includes stations like San Caprasio, EPOB, etc.

Table with columns: MFF, BGF, EPOB, etc. Station Name, Az, El, S, P, G, Sg, Res. Includes stations like Bois d'Angland, Poblet, etc.

LDG 15 07:13:07.2-0.1, 42.79N-0.79E, h11km, Md3.4/4, M3.6/35, Error ellipse: s-maj=0.9km s-min=0.7km az=5.0

CSEM 15 07:13:07.3-0.0, 42.80N-0.80E, h10km, MD3.4/1, ML3.6(LDG), ML3.1(MRB), MN3.0(MDD), After LDG.

MOS 15 07:13:07.2-3.3, 42.80N-0.80E, h10km, mb3.5/1, Error ellipse: s-maj=7.7km s-min=4.5km az=70.2

NEIC 15 07:13:07.2, 42.79N-0.79E, h11km, ML3.7(STR), ML3.6(LDG), ML3.1(MRB), MN3.0(MDD), After LDG.

NEIC Felt (I) at Escunyau, Vielha and Vilach; (II) at Artes and Bossost, Spain.

MDD 15 07:13:07.5-0.1, 42.80N-0.81E, h11km, mblG3.1/47, 3C, Error ellipse: s-maj=1.8km s-min=1.2km az=63.0

Main table with columns: Code, Station Name, Az, El, S, P, G, Sg, Res. Includes stations like MELF, MLS, MOUT, etc.

Main table with columns: ESAC, Station Name, Az, El, S, P, G, Sg, Res. Includes stations like San Caprasio, EPOB, etc.

Main table with columns: MFF, BGF, EPOB, etc. Station Name, Az, El, S, P, G, Sg, Res. Includes stations like Bois d'Angland, Poblet, etc.

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Op	ISC	Time	Res
EQES							07 15 36.2	-6.9
EQES							07 16 14.1	
EQES	Quesada	5.80 212			Pn	Pn	07 14 33.8	-2.0
	5.1nm,0.4s,SNR=4.9							
EQES					Pg	Pg	07 14 55.8	-7.7
EQES					Sn	Sn	07 15 36.6	-6.5
EQES					Lg	Lg	07 16 13.8	
EQES	Quesada	5.80 212			Pn	Pn	07 14 33.6	-2.2
	3.0nm,0.5s,SNR=4.0							
EQES					Sn	Sn	07 15 36.2	-6.9
EQES					Sn	Sn	07 15 33.0	-1.1
LDF	La Druitiere	5.83 354			ePn	Pn	07 14 31.5	-4.6
LDF					eS	Sg	07 15 33.0	-1.1
LDF					eSg	Sg	07 16 10.4	-1.1
QUIF					ePn	Pn	07 14 31.7	-4.4
QUIF	Quistinic	5.83 333			eS	Sg	07 15 33.4	-1.0
QUIF					eSg	Sg	07 16 10.5	-1.1
EPON	Pontenova	5.85 278			Pn	Pn	07 14 36.9	+0.4
EPON					Sn	Sn	07 15 39.1	-5.2
EPON					Lg	Lg	07 16 13.4	
EPON	Pontenova	5.85 278			Pn	Pn	07 14 35.2	-1.2
	4.5nm,0.3s,SNR=4.0							
EPON					Sn	Sn	07 15 39.3	-5.1
EPON					Lg	Lg	07 16 13.4	
EPON	Pontenova	5.85 278			Sn	Sn	07 15 39.1	-5.2
	9.2nm,0.4s,SNR=5.0							
ERUA	Pontenova	5.88 269			Pn	Pn	07 14 34.8	-2.0
ERUA	La Rua	5.88 269			Lg	Lg	07 15 37.7	-7.4
ERUA					Sn	Sn	07 16 11.6	
ERUA	La Rua	5.88 269			Pn	Pn	07 14 34.8	-2.1
	3.3nm,0.3s,SNR=7.2							
ERUA					Sn	Sn	07 15 38.4	-6.7
ERUA					Lg	Lg	07 16 13.5	
ERUA	La Rua	5.88 269			Sn	Sn	07 15 37.7	-7.4
	5.7nm,0.6s,SNR=4.0							
SGMF	Saint Gilles	5.94 338			ePn	Pn	07 14 33.5	-4.2
SGMF					eS	Sg	07 15 36.5	-1.0
SGMF					eSg	Sg	07 16 13.5	-1.2
EINC	Incio	6.01 271			Pn	Pn	07 14 36.9	-1.8
EINC					Lg	Lg	07 15 42.8	-5.5
EINC					Sn	Sn	07 16 19.5	
EINC	Incio	6.01 271			Pn	Pn	07 14 36.9	-1.8
	2.7nm,0.3s,SNR=6.7							
EINC					Lg	Lg	07 15 42.5	-5.8
EINC					Lg	Lg	07 16 20.7	
EINC	Incio	6.01 271			Sn	Sn	07 15 42.8	-5.5
	6.0nm,0.5s,SNR=4.0							
FLN	La Foliniere	6.03 352			ePn	Pn	07 14 33.5	-5.5
FLN					eS	Sg	07 15 37.9	-1.1
FLN					eSg	Sg	07 16 16.5	-1.2
PGF	Pioggia	6.04 90			ePn	Pn	07 14 35.7	-3.4
PGF					eS	Sg	07 15 40.3	-8.8
SFFT	Sexfontaines	6.17 27			ePn	Pn	07 14 36.2	-4.7
SFFT					eSg	Sg	07 16 21.1	-1.2
EADA	Adamuz	6.18 223			Pn	Pn	07 14 37.6	-3.5
EADA					Pn	Pn	07 15 43.0	-1.0
EADA					Lg	Lg	07 16 20.8	
EADA	Adamuz	6.18 223			Pn	Pn	07 14 37.5	-3.6
	1.9nm,0.2s,SNR=13							
EADA					Sn	Sn	07 15 43.0	-1.0
EADA					Lg	Lg	07 16 21.0	
EADA	Adamuz	6.18 223			Pn	Pn	07 14 37.6	-3.5
	2.0nm,0.4s,SNR=4.0							
ROSF	Roostren	6.23 334			ePn	Pn	07 14 37.5	-4.3
ROSF					eS	Sg	07 15 42.3	-1.2
MEZF	Mazieres J'vi	6.43 26			ePn	Pn	07 14 39.6	-5.0
MEZF					eSg	Sg	07 16 29.4	-1.2
HAU	Haudompre	6.50 35			ePn	Pn	07 14 40.8	-4.8
HAU					eSg	Sg	07 16 31.6	-1.2
PVRL	Vila Real	6.53 259			ePn	Pn	07 14 42.6	-3.3
EBER	Berja	6.54 207			Pn	Pn	07 14 43.7	-2.5
EBER					Pn	Pn	07 14 45.5	-0.7
EBER					Pn	Pn	07 14 43.7	-2.5
HINF	Hinterfeld	6.58 38			eS	Sg	07 15 52.3	-1.0
HINF					eSg	Sg	07 16 34.0	-1.3
ELOB	Lobios	6.64 265			Pn	Pn	07 14 44.5	-3.0
ELOB					Pn	Pn	07 15 54.0	-1.0
ELOB					Lg	Lg	07 16 32.9	
ELOB	Lobios	6.64 265			Pn	Pn	07 14 44.2	-3.4
	1.2nm,0.2s,SNR=7.9							
ELOB					Sn	Sn	07 15 53.9	-1.0
ELOB					Lg	Lg	07 16 32.9	
ELOB	Lobios	6.64 265			Pn	Pn	07 14 44.5	-3.0
RFYF	Reffroy	6.68 28			ePn	Pn	07 14 43.1	-5.0
MTE	Manteigas	6.70 252			eSg	Sg	07 16 38.9	-1.2
MTE					Lg	Lg	07 16 38.9	
PCBR	Castelo Branco	6.90 247			eS	Sn	07 16 02.3	-8.3
PCBR					Sn	Sn	07 16 02.3	-8.3
PCBR	Castelo Branco	6.90 247			Sn	Sn	07 16 02.3	-8.3
	2.8nm,0.5s							
EBAD	Badajoz	7.18 238			Pn	Pn	07 14 51.3	-3.8
EBAD					Pn	Pn	07 16 08.1	-9.4
EBAD					Sn	Sn	07 14 53.0	-2.1
EBAD	Badajoz	7.18 238			Sn	Sn	07 16 08.3	-9.2
	0.9nm,0.1s,SNR=4.0							
EBAD					Sn	Sn	07 16 08.3	-9.2
EBAD	Badajoz	7.18 238			Pn	Pn	07 14 51.3	-3.8
EBAD					Sn	Sn	07 16 08.1	-9.4
EMAZ	Mazaricos	7.19 275			Pn	Pn	07 14 53.1	-2.2
EMAZ					Sn	Sn	07 16 09.7	-8.1
EMAZ	Mazaricos	7.19 275			Pn	Pn	07 14 52.9	-2.4
	2.5nm,0.2s,SNR=4.0							
EMAZ					Sn	Sn	07 16 10.0	-7.7
EMAZ	Mazaricos	7.19 275			Pn	Pn	07 14 53.1	-2.2
EMAZ					Sn	Sn	07 16 09.7	-8.1
EMAZ					Sg	Sg	07 14 50.1	-5.5
EMAZ					eSg	Sg	07 16 54.0	-1.4
EMIN	Mina Concepcio	7.61 231			Pn	Pn	07 14 57.4	-3.8
EMIN					Sn	Sn	07 16 19.5	-8.8
EMIN	Mina Concepcio	7.61 231			Pn	Pn	07 14 57.3	-3.9
	0.5nm,0.2s,SNR=7.9							
EMIN					Sn	Sn	07 16 19.5	-8.8
EMIN	Mina Concepcio	7.61 231			Pn	Pn	07 14 57.4	-3.8
EMIN					Sn	Sn	07 16 19.5	-8.8
ESPR	Espera	7.83 223			Pn	Pn	07 15 01.9	-2.3
ESPR					Pn	Pn	07 15 01.7	-2.6
ESPR					Sn	Sn	07 16 20.1	-1.4
ESPR	Espera	7.83 223			Pn	Pn	07 15 01.9	-2.4
	1.8nm,0.2s,SNR=4.0							

IDC 15 07:28:33.8:1.1, 13.99N-92.51E, mb3.8/9, mb1 3.9/9, mb1mx3.8/18, mbtmp3.8/9, Error ellipse: s-maj=49.4km s-min=18.0km az=55.0, Andaman Islands region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Op	ISC	Time	Res
SOML	Songino Array	35.67 16			P	P	07 35 33.7	-1.9
	0.4nm,0.8s,baz=220,slow=7.5,SNR=3.2							
ZAL	Zalesovo	40.32 353			P	P	07 36 13.0	-1.5
	0.7nm,0.7s,baz=335,slow=12,SNR=3.1							
BVAR	Borovoye Array	42.73 340			P	P	07 36 32.1	-2.1
	0.3nm,0.6s,baz=153,slow=6.4,SNR=2.3							
WRA	Warramunga Arr	53.20 128			P	P	07 37 53.9	-2.5
	1.1nm,0.7s,baz=314,slow=8.1,SNR=16							

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Op	ISC	Time	Res
ASAR	Allice Springs	55.12 132			P	P	07 38 08.2	-2.1
	0.7nm,0.5s,baz=308,slow=6.9,SNR=15							
BRTR	Keskin Array B	57.33 308			P	P	07 38 23.8	-2.2
	0.4nm,0.4s,baz=104,slow=12,SNR=2.2							
FINES	FINES Array B	66.60 331			P	P	07 39 25.4	-2.4
	1.8nm,1.0s,baz=63,slow=6.2,SNR=3.6							
ARCES	ARCES Array B	69.01 340			P	P	07 39 41.1	-1.8
	4.7nm,1.1s,baz=114,slow=11,SNR=2.9							
GERES	GERES Array B	72.26 317			P	P	07 40 01.4	-1.4
	0.1nm,0.3s,baz=104,slow=5.5,SNR=3.9							
<p>IDC 15 07:39:00.6:4.9, 7.23N-91.75E, mb3.4/3, mb1 3.7/4, mb1mx3.5/18, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=136.4km s-min=30.4km az=77.0, Nicobar Islands region</p>								
Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Op	ISC	Time	Res
CMAR	Chiang Mai Arr	13.18 31			Pn	Pn	07 42 10.0	-1.8
	0.2nm,0.3s,baz=225,slow=14,SNR=6.1							
SOMM	Songino Array	42.35 15			P	P	07 46 56.4	-1.6
	0.2nm,0.5s,baz=206,slow=7.5,SNR=4.4							
WRA	Warramunga Arr	49.85 124						

Table with columns for station call letters, frequency, and other details. Includes stations like OKC, MORC, VRAC, TIP, DPC, KSP, LSZ, UPC, BILL, WAKE, PERS, BSD, VISS, PVCC, PRU, BRG, RUE, VOY, GEC2, GERES, CADS, KHC, VAE, HFS, CLL, COLM, WET, COP, MOX, NKC, NOVY, MOX, MOX, MOX, NOA, NOA, WTTA, WATA, GRA1, GRA1.

Table with columns for station call letters, frequency, and other details. Includes stations like GRF, MOTA, BSEB, CLZ, KONO, MUD, DAVA, DAVOX, PGF, FELD, LANF, CDF, RUP, HINF, SBF, HAU, LPG, LPL, RSL, MBDF, BNI, CABF, FRF, LMR, OG25, ORIF, GIVF, MEZF, JURI, SMRF, BAIF, BOSA, VIVF, SMF, SSF, AVF, LASF, BGF, TCF, CAF, MONT, RJLF, RJF, DAG, TNA, LDF, LFF, FLN, MFF, GRR, CASY, ETSF, SGMP, SJFP, SUR, MIDW, UNV, MAW, MAW, ESDC, IMA, SUMG, COLA, COLA, MCK, MCK, ILAR, ILAR, FIB, FIB, KDKA, KDKA, RES.

Table with columns for station call letters, frequency, and other details. Includes stations like INK, SYO, DIV, DBIC, DBIC, SIT, DLBC, VDA, VDA, YKA, YKA, YKA, QSPA, POHA, NEW, COR, HUMO, HUMO, BMO, BMO, YBH, YBH, DGMT, MOD, BOZ, BOZ, WDC, WDC, WVOR, WVOR, LASA, LASA, HAILEY, HAILEY, LKWW, LKWW, EYMN, EYMN, EMMW, EMMW, BNM, BNM, WVL, WVL, AHID, AHID, CMB, CMB, BW06, BW06, PDAR, PDAR, PDAR, PDAR, SAO, SAO, NVAR, NVAR, MNV, MNV, NCB, NCB, PPT, PPT, PPT, MPH, MPH, MPH, HRV, HRV, TBI, TBI, TBI, WES, WES, DAC, DAC, MVU, MVU, BINY, BINY, JFWS, JFWS, ERPA, ERPA, AAM, AAM, ISCO, ISCO, PFO, PFO, ACCO, ACCO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDCO, MCWV, CBKS, CBN, WCI, CCM, ANMO, BLA, TUC, RCBR, AMTX, WVT, WVK, MYNC, MIAR, MNTX, OXF, LRAL, NATX, LTX, TXAR, JCT, HKT, SGT, BDFB, BDFB, TRQA, CPUP, CPUP, SDV, LVC, LPAZ, LPAZ, LPAZ, OTAV, PAYG, NNA, NNA.

IDC 15 07:54:38.3-9.8, 9.84N-93.88E, h62km, 83km, mb3.6/5, mb1 3.8/6, mb1mx3.5/18, mbtmp3.9/6, Error ellipse: s-maj=84.7km s-min=27.2km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ASAR, GERES, HFS.

BUI 15 08:03:34.1-0.5, 7.20N-93.80E, h30km, mb4.5 NEIC 15 08:03:34.1-0.5, 7.17N-93.76E, h30km, mb4.4/4, Error ellipse: s-maj=18.3km s-min=12.0km az=65.0

IDC 15 08:03:37.8-4.9, 9.73N-93.92E, h53km, 42km, mb3.9/11, mb1 4.1/12, mb1mx3.9/19, mbtmp4.2/12, ML4.0/1, Error ellipse: s-maj=30.2km s-min=15.0km az=64.0

ISC 15 08:03:32.4-0.6, 7.16N-0.09, 93.9E, 0.1, h30km, n31, o127/27, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, JIRN, PKI, DMN, GUN, KKN, GKN, LSA, KOLN, SONM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM, ULN, ZAL, HIA, WRA, WRAB, BVAR, ASAR, ASAR, KMBO, KMBO, STKA, STKA, FINES, FINES, ARCES, ARCES, GERES, GERES, NB2, NOA, NOA, NVAR, PDAR, TXAR, TXAR.

IDC 15 08:32:38.8-1.6, 7.53N-92.65E, mb3.7/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.7/5, ML3.3/1, Error ellipse: s-maj=53.6km s-min=25.8km az=63.0, Nicobar Islands region

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

MAN 15 08:42:41.3, 12.76N-122.96E, h12km, mb4.5, ML3.3, MS3.2, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUQP, MMHP, OTRP, RCP, RCP, GGP, BOAC, BOAC, SJMP, LQP, POLP, BALP.

THR 15 09:05:30.4-0.4, 30.43N-50.62E, h15km, ML4.6 MOS 15 09:05:31.0-0.9, 30.42N-50.50E, h33km, mb4.4/20, Error ellipse: s-maj=11.1km s-min=5.7km az=116.2

CSEM 15 09:05:33.0-0.1, 30.43N-50.59E, h56km, mb4.2/21, Error ellipse: s-maj=2.3km s-min=1.6km az=33.0

TEH 15 09:05:34.3, 30.55N-50.68E, h12km, Mn4.5 BUI 15 09:05:34.3, 30.50N-50.50E, h46km, mb4.8, mb4.5

NEIC 15 09:05:34.4-1.4, 30.46N-50.53E, h7km, 11km, mb4.4/16, Error ellipse: s-maj=13.3km s-min=7.5km az=160.0

IDC 15 09:05:34.8-3.3, 30.54N-50.45E, h39km, 20km, mb3.9/15, mb1 4.0/19, mb1mx3.9/25, mbtmp4.1/19, ML3.3/4, MS3.6/2, Ms1 3.6/2, ms1mx3.2/20, Error ellipse: s-maj=36.1km s-min=17.2km az=163.0

ISC 15 09:05:32.6-0.6, 30.41N-0.04, 50.54E, 0.04, h49km, 5km, n127, o1907/136, mb4.2/34, MS3.8/4, 2C-3D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IBRJ, SHI, SHGR, SHGR, SHGR, IMOK, GHIR, NASN, ISAD, IMEH, QAM, ICHK, ASAO, ASAO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IQOM, IBAF, IKOM, IRAZ, IVIS, IGHG, IMHD, IMHD, IDHW, KRBR, IDHR, IFIR, IFIR, BND5, BND5, BHD, BHD, IGVZ, RAYN, RAYN.

GNI Gani 10.811 336 P P 09 08 09.0 +1.5

GNI comp=N, 0.4nm, 0.3s, baz=184, slow=16, SNR=2.0

ASF Jabal al Asfar 11.80 282 P P 09 08 19.5 -1.4

ASF comp=N, 1.8nm, 0.3s, baz=107, slow=11, SNR=2.9

ASF comp=N, 1.7nm, 0.3s, baz=175, slow=22, SNR=3.6

MALT Malatya 12.73 312 P P 09 08 32.7 -0.6

MALT comp=N, 3.0nm, 0.6s

ZEI Tsey 13.44 339 eP P 09 08 43.9 +1.4

ZEI comp=Z, 5.0nm, 1.1s

EIL Elat 13.53 271 Pn P 09 08 43.2 -0.6

EIL comp=Z, 0.4nm, 0.3s, baz=51, slow=18, SNR=2.8

EIL comp=Z, 0.5nm, 0.3s, baz=147, slow=41, SNR=2.6

EIL comp=Z, 0.6nm, 0.3s, baz=267, slow=33, SNR=3.4

EIL Elat 13.53 271 P P 09 08 44.1 +0.3

EIL comp=Z, 1.3nm, 0.9s

KIV Kislovodsk 14.89 337 eP P 09 09 01.7 +0.2

KIV comp=Z, 2.1nm, 1.8s

KIV comp=Z, 400nm, 20.0s

KIV Kislovodsk 14.89 337 P P 09 09 02.4 +0.9

KIV Kislovodsk 14.89 337 eP P 09 09 01.7 +0.2

KIV Sochi 15.72 330 eP P 09 09 10.1 -2.1

KIV comp=N, 28nm, 1.1s

SOC comp=Z, 30nm, 1.1s

SOC comp=E, 19nm, 1.0s

SOC comp=N, 231nm, 10.0s

SOC comp=Z, 206nm, 10.0s

SOC comp=Z, 156nm, 11.0s

GOF Goitskoye 15.77 340 eP P 09 09 24.0 +1.1

BRTR Keskinn Arr 16.65 308 Pn P 09 09 22.6 -1.3

ANN Anapa 17.69 328 eP P 09 09 37.0 0.0

ANN comp=Z, 19nm, 0.7s

ANN Anapa 17.69 328 eP P 09 09 37.0 0.0

ANN comp=Z, 9.5nm, 0.7s

SANT Santorini 21.74 293 P P 09 10 21.8 +0.3

IDI Anoyia 22.07 290 Pn P 09 10 25.6 +0.8

IDI Anoyia 22.07 290 P P 09 10 25.5 +0.7

AAK Ala-Archa 22.71 511 eP P 09 10 31.6 +0.6

AAK comp=Z, 6.0nm, 1.3s, mb3.9

AAK Ala-Archa 22.71 51 eP P 09 10 29.9 -1.1

AAK Ala-Archa 22.71 51 eP P 09 10 30.0 -1.0

MLR Muntele Ros 24.42 315 P P 09 10 49.7 +2.1

AKASG Malin Array Be 25.78 328 P P 09 11 00.5 0.0

AKASG comp=Z, 4.0nm, 0.6s

AKASG Malin Array Be 25.78 328 P P 09 11 00.5 0.0

AKASG comp=Z, 4.0nm, 0.6s, mb4.1, baz=130, slow=7.8, SNR=17

ARU Arti 26.62 1011 P P 09 11 08.1 -0.1

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, PUK Puketiti, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MUD Monsted U'grnd, BSD Bornholm Skovb, WAR Warsaw, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DBIC comp=Z,85nm,18.0s,MS4,1, etc.

ISC 15 18:36:20.0, 6.8, 9.93N, 0.09, 93.4E, 0.1, h20km, h20km, 1.5km, pp-P, n51, r15, mb4.3/23, MS4.3/2, 2C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Port Blair, Chiang Mai, Ostrava-Krasne, Novy Koste, Ojcow, Kasperske Hory, Moxa, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Ostrava-Krasne, Novy Koste, Ojcow, Kasperske Hory, Moxa.

IDC 15 18:51:53.4, 1.0, 9.04N, 93.52E, mb3.6/6, mb1.3/7, mb1mx3.6/17, mbtmp3.5/7, ML3.0/1, Error ellipse: s-maj=50.3km s-min=20.1km az=49.0

ISC 15 18:51:56.8, 0.9, 9.0N, 1.0, 93.7E, 0.2, h33km, n14, r15, mb4.4/1, mb3.6/6, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Chiang Mai Arr, Jiri, Pulchok, Gumba, etc.

IDC 15 19:04:46.0, 2.0, 43.80N, 105.41W, mb4.2/1, mb1.3/8, mb1mx3.4/18, mbtmp3.5/4, ML3.8/3, Error ellipse: s-maj=42.7km s-min=13.4km az=148.0

NEIC 15 19:04:46.0, 2.0, 43.79N, 105.10W, ML3.3, Error ellipse: s-maj=11.4km s-min=7.2km az=104.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette, ISC 15 19:04:44.2, 0.6, 43.86N, 105.10W, 0.1, n21, r19, 29/23, mb4.4/1, Wyoming

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Pilot Hill, Rawlins, Boulder Array, Pinedale Array, etc.

NIED 15 19:06:00, 29.60N, 130.70E, h32km, Mw4.2 Best double couple: M2.15x10^15 NP1, 189°, 879°, λ-81°, NP2: JMA 15 19:06:07, 7.0, 4.29, 56N, 130.71E, h20km, 5km, M3.7

IDC 15 19:06:11, 1.5, 7.29, 50N, 130.56E, h54km, 52km, mb3.5/8, mb1.3/7, mb1mx3.6/21, mbtmp3.8/9, ML3.4/1, MS3.5/5, s-maj=16.8km s-min=7.5km az=75.0, Error ellipse: s-maj=43.5km s-min=16.8km az=75.0

ISC 15 19:06:08, 7.0, 29.55N, 0.05, 130.64E, 0.10, h50km, 8km, n22, r15, 02/22, mb3.8/8, MS3.7/3, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Nankai Trough, Kuchinoerabu, Tanegashima, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

IPEC 15 19:29:46.3, 0.3, 51.57N, 16.24E, ML2.9/3, Error ellipse: s-maj=2.0km s-min=1.5km az=34.0

BGR 15 19:29:46.5, 0.7, 51.55N, 16.19E, h1km, ML3.6/5, Error ellipse: s-maj=14.5km s-min=6.5km az=173.0

MOS 15 19:29:46.3, 0.9, 51.60N, 16.01E, h10km, mb3.9/1, Error ellipse: s-maj=8.4km s-min=4.2km az=80.3

NEIC 15 19:29:46.7, 0.4, 51.59N, 16.17E, h5km, ML3.6(SZGRF), ML3.5(VIE), ML3.3(CLL), ML3.1(BRG), Error ellipse: s-maj=4.7km s-min=3.5km az=210.0

LDG 15 19:29:47.6, 0.5, 51.44N, 16.23E, h1km, ML3.8/6, Error ellipse: s-maj=12.4km s-min=3.7km az=11.0, Suspected Mining induced.

IDC 15 19:29:47.7, 0.6, 51.53N, 16.05E, mb3.5/2, mb1.3/6/11, mb1mx3.5/23, mbtmp3.5/11, ML3.4/9, Error ellipse: s-maj=10.4km s-min=6.1km az=109.0

PRU 15 19:29:48.0, 51.50N, 16.15E, Fall In Harachro, CSEM 15 19:29:48.0, 51.48N, 16.13E, h0km, ML3.8/10, Error ellipse: s-maj=1.7km s-min=1.0km az=19.0

WAR 15 19:29:48.1, 51.51N, 16.12E, h1km, ML3.4, Mining Induced

ISC 15 19:44:9.0, 3.51, 50N, 102.16E, 15E, 0.03, n98, r15, 17/165, mb3.6/2, 10C-2D, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Ksiaz, Ksiaz, Ksiaz, etc.

162nm, 0.5s, GPK Gorka Kiasztor, 1.89, 20, ePn, Pn, 19 02 24.9 +6.2

GPK Gorka Kiasztor, 1.89, 20, ePn, Pn, 19 02 28.8 +6.1

GPK Gorka Kiasztor, 1.89, 20, ePn, Pn, 19 02 32.8 +6.4

RAC Raciborz, 1.92, 137, ePn, Pn, 19 02 40.4 +8.8

RAC Raciborz, 1.92, 137, ePn, Pn, 19 02 50.0 +5.5

MORC Moravsky Berou, 1.94, 152, ePn, Pn, 19 02 20.5 +1.0

MORC Moravsky Berou, 1.94, 152, ePn, Pn, 19 02 20.9 +1.4

MORC Moravsky Berou, 1.94, 152, ePn, Pn, 19 02 48.6 -1.0

61nm, 0.3s, CLL Collm, 1.98, 266, ePn, Pn, 19 02 20.8 +0.8

CLL Collm, 1.98, 266, ePn, Pn, 19 02 20.9 +0.9

CLL Collm, 1.98, 266, ePn, Pn, 19 02 50.8 +0.8

CLL Collm, 1.98, 266, ePn, Pn, 19 02 54.3 -0.2

CLL Collm, 1.98, 266, ePn, Pn, 19 02 50.8 -0.1

CLL Collm, 1.98, 266, ePn, Pn, 19 02 20.9 +0.0

CLL logA/T=1.8, 1.98, 266, ePn, Pn, 19 02 24.3 -0.2

CLL Collm, 2.10, 142, ePn, Pn, 19 02 27.4 +0.1

CLL Collm, 2.10, 142, ePn, Pn, 19 02 50.8 -0.1

OKC Ostrava-Krasne, 2.10, 142, ePn, Pn, 19 02 26.8 +0.1

OKC Ostrava-Krasne, 2.10, 142, ePn, Pn, 19 02 55.2 +0.5

OKC Ostrava-Krasne, 2.10, 142, ePn, Pn, 19 02 55.2 +0.5

VRAC Vranov, 2.22, 173, ePn, Pn, 19 02 55.1 +2.3

VRAC Vranov, 2.22, 173, ePn, Pn, 19 02 55.1 +2.3

VRAC Vranov, 2.22, 173, ePn, Pn, 19 02 25.3 +1.9

VRAC Vranov, 2.22, 173, ePn, Pn, 19 02 57.4 -1.3

PRU 15 18:44:40.9, 51.47N, 16.14E, WAR 15 18:44:40.7, 51.51N, 16.12E, h1km, ML2.5, Mining Induced

NEIC 15 18:44:45.2, 1.2, 51.23N, 15.79E, h5km, MG2.9(WAR), Error ellipse: s-maj=15.8km s-min=7.1km az=195.0

ISC 15 18:44:37.8, 0.9, 51.52N, 0.05, 16.12E, 0.04, n13, r19, 09/28, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Ksiaz, Upice, Dobruska-Polom, etc.

IDC 15 19:02:6.4, 5.04N, 125.06E, h612km, 106km, mb2.9/7, mb1.3/0/7, mb1mx2.8/18, mbtmp3.9/7, Error ellipse: s-maj=192.3km s-min=22.6km az=71.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like Kungami, Kunejima, Asahikawa, etc.

GERES GERES Array B, 3.09, 212, ePn, Pn, 19 02 37.2 +1.2

GERES GERES Array B, 3.09, 212, ePn, Pn, 19 02 37.2 +1.2

GERES GERES Array B, 3.09, 212, ePn, Pn, 19 02 37.2 +1.2

GERES GERES Array B, 3.09, 212, ePn, Pn, 19 02 37.2 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOLL Kolacno, ARSZ Arzberg, CRVS Cervencia-Dubn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCZT Yijiu, KMKR Kumukh, ZEI Tsey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMKR Kumukh, ZEI Tsey, BUJR Buynaks, etc.

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

DMN 15 22:32:44.2,0.7,29.81N-81.04E,h10km,M4.5/5, Error ellipse: s-maj=33.5km s-min=13.5km az=31.0

MOS 15 22:32:49.0,0.8,29.49N-81.07E,h33km,m4.7/13, Error ellipse: s-maj=13.7km s-min=8.4km az=111.1

ISC 15 22:32:47.0,0.2,29.45N-0.03,80.95E-0.03,h10km,n99, s=138/128,m4.3/30,1C-1D,Nepal-India border region

Main table of station data for the first section, including stations like JOSI Joshimath, KALG Kalgarh, DDI Dehra Dun, etc.

Main table of station data for the second section, including stations like ZAL Zalesovo, ENH Enshi, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, FINES FINES Array B, ARCES ARCES Array B, etc.

BEO 15 22:43:14.9,0.3,43.37N-20.06E,h9km CSEM 15 22:43:14.8,0.1,43.39N-20.12E,h5km,MD2.6, Error ellipse: s-maj=1.3km s-min=1.0km az=90.0

ISC 15 22:43:14.8,0.4,43.38N-0.02,20.07E-0.03,h3km,m4km,n37,0598/62,9C-13D,Northwestern Balkan Peninsula

Main table of station data for the third section, including stations like NVSS Nova Varos 2, PLE Pljevlja, IVA Berane, etc.

LDG 15 22:57:18.3,0.1,49.37N-6.94E,h1km,Md2.5/1,Mi2.4/8, Error ellipse: s-maj=1.8km s-min=1.1km az=81.0

CSEM 15 22:57:18.1,0.1,49.37N-6.96E,h2km,ML2.4/8, Error ellipse: s-maj=2.5km s-min=1.2km az=56.0

BNS 15 22:57:20.2,0.6,49.44N-6.93E,h1km,ML1.4 ISC 15 22:57:16.6,0.5,49.36N-0.02,6.88E-0.05,n16,0,073/31,

Main table of station data for the fourth section, including stations like WLF Walferdange, BGG Burgeitz, CDF Champ du Feu, etc.

NIED 15 22:59:00.43,10N,145.00E,h62km,Mw4.1 Best double couple: M1.71x10^15 Np1.9e25,863,1.69, Np2.2e26,446, 8.3e1,1.2e2

SKHL 15 22:59:38.6,0.6,42.98N-145.10E,h77km,np,m5,0/4, MOS 15 22:59:38.3,0.9,43.04N-145.04E,h67km,m4.5/13, Error ellipse: s-maj=10.9km s-min=7.5km az=97.5

JMA 15 22:59:40.4,0.1,43.08N-145.01E,h61km,1km,M4.3 JMA Felt II J1

NEIC 15 22:59:40.9,1.0,43.10N-144.93E,h69km,np,m4.3/19, Error ellipse: s-maj=7.8km s-min=6.6km az=108.0

NEIC Recorded [2] JMA in eastern Hokkaido. IDC 15 22:59:40.1,0.5,43.15N-144.98E,h60km,m4,mb3.8/20, mb1.4,0/20,mb1mx4.0/25,mb1mp4.1/20, Error ellipse: s-maj=13.1km s-min=11.6km az=19.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EBER, Quesada, Sonseca Array, etc.

NEIC 16:00:49.08.6.1.1, 4.03N-94.41E, h30km, mb3.9/1, Error ellipse: s-maj=34.5km s-min=13.6km az=85.0

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

NEIC 16:00:54.26.7.0.6, 1.13N-98.64E, mb4.1/4, Error ellipse: s-maj=26.2km s-min=9.8km az=53.0

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

IDC 16:01:00:28.6.0.9, 25.53S-176.18W, mb4.2/10, mb1 4.4/12, mb1mx4.6/16, mbtmp4.3/12, ML4.5/2, MS4.4/10, M1 4.4/10, ms1mx4.0/20, Error ellipse: s-maj=40.6km s-min=20.6km az=158.0

NEIC 16:01:00:30.4.0.5, 25.49S-176.18W, h10km, mb4.8/5, Error ellipse: s-maj=24.7km s-min=14.3km az=157.0

ISC 16:01:00:32.6.0.6, 25.55S-176.3W, 0.1, h33km, n35, o87/21, mb4.3/13, MS4.5/9, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI, URZ, URZ, RAR, CTA, CTAO, STKA, STKA, STKA, PMG, PMG, ASAR, WRA, Vnda, GSPA, MAW, MAW, TXAR, TXAR, ANHO, ENSH, MCMT, PDAR, BOZ, ILAR, CMAR, LVC, LPAZ, ARCES, FINES, NOA, BRTR, OKC, CLL, UCC, PVCC, KNC, KHC, GERS, etc.

IDC 16:01:03:02.7.26.0, 23.58S-172.51W, mb4.2/4, mb1 4.4/4, mb1mx4.0/14, mbtmp4.2/4, Error ellipse: s-maj=488.6km s-min=151.8km az=79.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA, STKA, ASAR, ASPA, WB2, WRA, etc.

NEIC 16:01:12:38.8, 37.01N-27.78E, h18km, MD3.2(ISK), After

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BDRM, MLSB, AYDN, DALT, ARG, FETY, DNZL, DENT, IZM, BLBC, KARP, MANT, ELL, APE, AKS, BCK, etc.

NEIC 16:01:25:37.5, 54.05N-162.53W, h15km, ML3.0(AEIC), After AEIC. IDC 16:01:25:39.4, 12.0, 5.4, 10N-161.84W, mb3.3/2, mb1 3.7/4, mb1mx3.5/20, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=241.4km s-min=39.5km az=83.0

ISC 16:01:25:35.0, 9.54, 0.03N-166.162, 54W, 0.08, h15km, n17, o61/20, mb3.2/2, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FALS, DTNI, DTNI, BDTJ, SSWL, DDL, WESN, HAG, WTUG, WFAF, PVF, MSW, ILAR, INK, INK, YKA, TXAR, etc.

CSEM 16:01:26:33.2, 0.6, 38.50N-29.09W, ML2.9, Error ellipse: s-maj=6.7km s-min=5.1km az=131.0, After PDA. PDA 16:01:26:33.2, 0.6, 38.50N-29.09W, MD3.3, ML2.9, Error ellipse: s-maj=6.7km s-min=5.1km az=131.0

SVSA 16:01:26:33.2, 0.6, 38.50N-29.09W, MD3.3, ML2.9, Error ellipse: s-maj=6.7km s-min=5.1km az=131.0, Azores Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CALA, CALA, CALA, PCED, PCED, HOR, HOR, PICO, PICO, ROSA, ROSA, PMAN, PMAN, etc.

CSEM 16:01:36:04.9, 0.3, 29.44N-51.82E, h10km, ML3.4, Error ellipse: s-maj=7.7km s-min=3.5km az=35.0. IDC 16:01:36:05.2, 2.7, 29.55N-51.64E, mb3.9/6, mb1 3.9/7, mb1mx3.7/18, mbtmp3.9/7, ML3.4/1, Error ellipse: s-maj=26.9km s-min=30.1km az=138.0

THR 16:01:36:07.0, 9.29, 44N-51.79E, h40km, 14km, ML3.3. TEH 16:01:36:10.9, 29.55N-52.15E, h21km, Mn3.4. ISC 16:01:36:04.1, 3.3, 29.40N-0.07, 51.71E, 0.08, h8km, g9km, n24, o69/24, mb3.8/7, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SHI, IMOK, ISRV, GHIR, GHIR, GHIR, GHIR, IBRJ, NASN, SHGR, BNSD, BNSD, KBRB, ASAO, IQOM, IDMV, IHAZ, FETR, IJAF, BRTR, BVAR, GERS, FINES, LPG, NOA, ARCES, ZBIC, Dimboko, etc.

IDC 16:01:36:41.5, 0.9, 12.90N-92.04E, h23km, 5km, mb3.6/9, After

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

TIR 16 03:21:10.1, 40.09N:19.86E, h13km
THE 16 03:21:11.5, 40.11N:19.71E, h10km, ML3.6
ATH 16 03:21:11.1, 40.10N:19.69E, h24km, MD3.8/5
NEIC 16 03:21:11.1, 40.10N:19.69E, h24km, MD3.8(ATH), After ATH.

CSEM 16 03:21:14.1, 40.05N:19.75E, h20km, MD3.8, Error ellipse: s-maj=4.6km s-min=2.8km az=173.0

ISC 16 03:21:19.0, 5.40, 10.10N:0.03:19.77E, 0.04, h10km, n36, r19.45, Albania

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TPE, KEK, VLO, LSK, etc.

CSEM 16 03:21:27.6, 0.2, 36.63N:26.76E, h132km, 4km, MD3.5, Error ellipse: s-maj=4.7km s-min=2.8km az=148.0
HLW 16 03:21:27.0, 36.72N:26.82E, h25km, Mb4.1
NEIC 16 03:21:32.7, 36.65N:26.81E, h30km, MD3.4(ISK), After ISK.

ISC 16 03:21:33.1, 36.71N:26.90E, h87km, MD3.5
ISC 16 03:21:29.0, 0.8, 35.54N:0.07:26.76E, 0.07, h144km, 12km, n40, r0.83/48, 12C, Dodecanese Islands

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

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

JSN 16 03:23:47.6, 1.3, 17.63N:78.34W, MD3.6, 5C-1D, Jamaica region

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

CSEM 16 04:20:08.1, 0.3, 35.04N:3.89W, h5km, MD2.5, Error ellipse: s-maj=7.5km s-min=5.7km az=79.0
CNRM 16 04:20:08.0, 35.09N:3.63W, MD2.5
NEIC 16 04:20:09.6, 35.03N:3.94W, MG3.0(MDD), After MDD.
MDD 16 04:20:10.0, 0.6, 35.01N:3.86W, h2km, 6km, mb3.2/8, Error ellipse: s-maj=6.3km s-min=3.5km az=51.0, PRXIM0.
ISC 16 04:20:08.5, 0.8, 35.00N:0.04:3.96W, 0.04, h10km, 4km, n32, r15.11/54, Morocco

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

EMEL 121nm, 0.2s, SNR=4.0 S Sb 04 20 36.8 0.0
EMLI Mellilla 22nm, 0.1s, SNR=7.9 P Pb 04 20 25.1 -0.3
EMLI 92nm, 0.2s, SNR=4.0 S Sb 04 20 36.8 -0.1

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

EBER Berja 2.08 24 P Pn 04 20 44.1 +0.2
EBER Berja 2.08 24 S Sn 04 20 49.8 -0.3
EBER Berja 0.3nm, 0.1s, SNR=4.0 S Sn 04 21 04.3 +0.4

EBER Berja 2.7nm, 0.3s, SNR=7.9 S Sn 04 21 09.8 -0.3
EBER Berja 2.08 24 P Pn 04 21 09.8 -0.3
EQES Quesada 2.89 14 S Pn 04 20 57.6 +2.2
EQES Quesada 2.89 14 S Sn 04 21 51.6 +1.2
EQES Quesada 2.89 14 S Pn 04 21 57.2 +1.8

EQES Quesada 0.8nm, 0.2s, SNR=6.3 S Sn 04 21 31.7 +1.2
EQES 0.5nm, 0.2s, SNR=7.9 S Sn 04 21 31.7 +1.2
EADA Adamuz 3.20 351 P Pn 04 21 00.9 +1.1
EADA Adamuz 3.20 351 P Pn 04 21 00.9 +1.1

EADA Adamuz 0.2nm, 0.1s, SNR=7.9 S Sn 04 21 37.1 -1.2
EADA 0.9nm, 0.3s, SNR=7.9 S Pn 04 21 00.9 +1.1
EADA 0.2nm, 0.1s, SNR=7.9 S Sn 04 21 37.9 -0.5

EADA 0.3nm, 0.2s, SNR=7.9 S Sn 04 21 37.9 -0.5
EMIN Mina Concepcio 3.52 322 P Pn 04 21 04.3 -0.1
EMIN Mina Concepcio 3.52 322 P Pn 04 21 04.2 -0.2

EMIN Mina Concepcio 0.3nm, 0.1s, SNR=7.9 S Sn 04 21 44.5 -2.0
EMIN 0.4nm, 0.2s, SNR=7.9 S Sn 04 21 44.4 -2.1
EMIN 0.3nm, 0.2s, SNR=7.9 S Sn 04 21 04.3 -0.1

EMIN Mina Concepcio 3.52 322 P Pn 04 21 04.3 -0.1
EGRO El Granado 3.81 313 P Pn 04 21 06.7 -1.7
EGRO El Granado 3.81 313 P Pn 04 21 06.5 +0.1

EGRO El Granado 3.81 313 P Pn 04 21 06.7 -1.7
EBAD Badajoz 4.47 328 P Sn 04 21 17.7 -0.3
EBAD Badajoz 4.47 328 P Sn 04 22 07.0 -3.7

EBAD Badajoz 0.5nm, 0.1s, SNR=7.9 S Sn 04 22 07.0 -3.7
EBAD 2.3nm, 0.2s, SNR=7.9 S Sn 04 22 07.0 -3.7
EBAD Badajoz 4.47 328 S Sn 04 22 07.0 -3.7
EBAD Badajoz 4.47 328 P Sn 04 21 17.7 -0.2

NEIC 16 04:20:46.6, 0.4, 5.25N:94.76E, h30km, mb4.3/9, Error ellipse: s-maj=19.7km s-min=7.8km az=49.0
IDC 16 04:20:52.8, 9.0, 5.17N:94.88E, h90km, 78km, mb3.8/6, mb1 4.17, mb1mx3.8/17, mbmtmp4.2/7, ML4.2/1, MS2.7/1, Ms1 2.9/1, ms1mx2.8/13, Error ellipse: s-maj=57.2km s-min=16.9km az=53.0

ISC 16 04:20:44.7, 0.6, 5.3N:0.1:94.8E, 0.1, h30km, n21, r0.57/20, mb4.2/15, Northern Sumatera

CMAR Chiang Mai Arr 13.73 17 P P 04 20 47.0 +7.1
CMAR 0.3nm, 0.3s, baz=212, slow=11, SNR=9.1 LR LR 04 30 23.1

FITZ Fitzroy Crossi 38.28 128 eP P 04 28 04.2 -0.3
AAK Ala-Archa 41.35 337 eP P 04 28 30.5 +0.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM, UNL, WRA, WRAB, WB2, KURK, ASPA, ASAR, ASAR, BVAR, BRVK, CHKL, KMBO, BRTR, GERES, GRAT, GRF, LPG, TXAR, etc.

NAO 16 04:26:07.4, 2.6, 67.64N:33.75E, ML2.4
HEL 16 04:26:07.0, 3.6, 67.67N:33.87E, ML2.6, ML2.5(BER), ML2.4(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

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

CUA Oulanka 2.13 234 ePg Pg 04 26 45.0 -4.6
MSF Maaselka 2.60 230 ePg Pg 04 26 53.7 -5.2
MSF Sodankyl 2.82 269 eP Pn 04 26 53.2 -1.1

KEV Kevo 3.27 313 eP Sn 04 27 28.3 -1.2
ARAO ARCESS Array S 3.59 305 eP Sn 04 27 04.0 -1.1
ARAO ARCESS Array S 3.59 305 eP Sn 04 27 04.0 -1.1

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Petorca, El Roble, Jahuel, Combarbala, Peldehue, Las Cruces, Rinconada Maip, Santa Lucia, Colegio Aleman, Cerro Calan, Talagante, Farellones, Antumapu, Longovilo, San Jose de Ma, Chadas Angostu, Las Melosas, etc.

IDC 16 05:03:18.8±1.3, 15.14N:93.82E, mb3.6/4, mb1 3.9/5, mb1mx3.7/16, mbtmp3.6/5, ML4.2/1, MS3.5/4, Mst 3.6/4, ms1mx3.4/16, Error ellipse: s-maj=34.8km s-min=24.3km az=68.0

NEIC 16 05:03:23.5±0.9, 15.23N:93.85E, h30km, mb3.8/2, Error ellipse: s-maj=23.6km s-min=16.8km az=62.0

ISC 16 05:03:21.7±0.9, 15.21N:10.08E, 93.80E±0.07, h33km, n15, r106/14, mb3.7/6, MS3.8/3, 2C, Bay of Bengal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Chiang Mai, Nakhon Sawan, Nongplab, Chiangrai, Nant, Songoing Array, Chkalovo, Warramunga Arr, WRA, WRAB, ASAR, KMBO, ARCES, GERES, NOA, etc.

TAP 16 05:05:55.3, 24.00N:122.22E, h21km, ML2.9

JMA 16 05:05:54.2±0.2, 24.11N:122.42E, h71km, 3km, M2.3, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Hatsumata jima, Kuro-shima, Ishigaki jima, Tarama, etc.

IDC 16 05:14:41.8±11.0, 20.36S:169.73E, h119km, 105km, mb3.7/5, mb1 3.9/6, mb1mx3.7/13, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=55.7km s-min=28.5km az=18.0

NEIC 16 05:14:42.0±1.9, 20.35S:169.77E, h125km, 13km, mb4.0/5, Error ellipse: s-maj=21.2km s-min=11.7km az=213.0

ISC 16 05:14:41.8±2.6, 20.55S:169.7E±0.1, h137km, 19km, n17, r083/18, mb3.9/3, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mont Dzum, Port Laguerre, Urewera, Charters Tower, CTAO, STKA, WBR2, WRAB, WRA, ASPA, FITZ, VVDA, SBA, ILAR, GERES, etc.

1.0nm, 0.6s, baz=40, slow=3.2, SNR=14

CSEM 16 05:22:30.8±0.2, 36.56N:9.54W, h82km, 2km, ML2.5, Error ellipse: s-maj=4.7km s-min=2.1km az=43.0

NEIC 16 05:22:30.6, 36.63N:9.51W, MN2.7(MDD), After MDD, INMG 16 05:22:31.0±0.7, 36.54N:9.53W, h10km, MD2.5, MDD. Error ellipse: s-maj=3.8km s-min=2.2km az=60.0

MDD 16 05:22:29.9±1.3, 36.57N:9.55W, mBLg2/20, 1C-5D, Error ellipse: s-maj=12.0km s-min=6.9km az=53.0, PRXIMO, West of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sao Teotonio, Alcoutim, El Granado, Beja, Montemor, Loures, Mina Concepcio, etc.

EMIN 16 05:22:38.8, 35.58S:178.51E, h230km, After WEL, WEL 16 05:27:38.3±0.4, 35.51S:178.50E, h226km, 6km, ML4.1/1, Error ellipse: s-maj=9.5km s-min=6.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, Puketiti, Matawai, Urewera, Kokohu, Black Stump Fm, Ngauruhoe, Takarua, Tuvalu, Wanganui, etc.

IDC 16 05:34:33.2±2.4, 51.26N:158.09E, mb3.5/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.5/4, Error ellipse: s-maj=174.9km s-min=30.4km az=126.0

MOS 16 05:34:44.4±0.8, 51.12N:158.55E, h107km, mb4.0/2, Error ellipse: s-maj=36.4km s-min=20.3km az=75.4

KRSC 16 05:34:47.3±0.6, 51.48N:157.77E, h125km, 5km, ML3.9

NEIC 16 05:34:48.7±1.5, 51.26N:157.09E, h139km, 11km, mb3.6/2, Error ellipse: s-maj=29.9km s-min=18.6km az=144.0

ISC 16 05:34:46.8±0.6, 51.44N:157.8E±0.2, h130km, 5km, n30, r104/47, mb3.2/6, 1C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pauzhetka, Ruskaya, Gorelyy, Severo-Kuril's, Urewera, etc.

1.6nm, 0.1s, SNR=7.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guadarrama, La Rúa, Incio, Mazaricos, Mosqueruela, etc.

NEIC 16 05:27:38.8, 35.58S:178.51E, h230km, After WEL, WEL 16 05:27:38.3±0.4, 35.51S:178.50E, h226km, 6km, ML4.1/1, Error ellipse: s-maj=9.5km s-min=6.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, Puketiti, Matawai, Urewera, Kokohu, Black Stump Fm, Ngauruhoe, Takarua, Tuvalu, Wanganui, etc.

IDC 16 05:34:33.2±2.4, 51.26N:158.09E, mb3.5/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.5/4, Error ellipse: s-maj=174.9km s-min=30.4km az=126.0

MOS 16 05:34:44.4±0.8, 51.12N:158.55E, h107km, mb4.0/2, Error ellipse: s-maj=36.4km s-min=20.3km az=75.4

KRSC 16 05:34:47.3±0.6, 51.48N:157.77E, h125km, 5km, ML3.9

NEIC 16 05:34:48.7±1.5, 51.26N:157.09E, h139km, 11km, mb3.6/2, Error ellipse: s-maj=29.9km s-min=18.6km az=144.0

ISC 16 05:34:46.8±0.6, 51.44N:157.8E±0.2, h130km, 5km, n30, r104/47, mb3.2/6, 1C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pauzhetka, Ruskaya, Gorelyy, Severo-Kuril's, Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PET, AVHA, KORYAKA, SOMMA, SEDOLIVINA, etc.

ATH 16 06:33:10.1, 07.30N, 27.91E, h80km, 8km
CSEM 16 06:33:11.0, 0.1, 36.94N, 27.63E, h8km, MD3.3, Error ellipse: s-maj=3.3km s-min=2.0km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like MSLB, DALT, ARG, SMG, FETY, DENT, etc.

SKHL 16 06:43:30.6, 0.1, 54.25N, 123.59E, h11km, 1km, mb4.0/7, 1C, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KROS, ZEA, YASR, BMKR, CRS, etc.

WEL 16 06:59:32.5, 0.3, 36.31S, -177.55E, h238km, 4km, ML4.0/4, Error ellipse: s-maj=6.8km s-min=4.8km az=90.0, Off east coast of N-Ireland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like MXZ, PUZ, KRZ, URZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KNZ, BKZ, NGZ, etc.

IDC 16 07:18:19.5, 1.1, 9.67N, 93.64E, mb3.8/8, mb1.4/1.9, s-maj=4.8km s-min=1.9km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like CMAR, SHL, LSA, etc.

IDC 16 07:25:18.6, 4.1, 6.50S, 104.79E, mb3.5/4, mb1.3/7.4, mb1mx3.6/1.4, mbtmp3.5/4, Error ellipse: s-maj=163.8km s-min=26.8km az=60.0, Sunda Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WARR, WRA, ASAR, etc.

CSEM 16 07:27:52.5, 0.6, 38.86N, 29.07W, ML2.1, Error ellipse: s-maj=12.1km s-min=3.9km az=80.0, After PDA

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

BUI 16 07:27:59.8, 10.13N, 92.25E, h38km, mb5.3, mb4.4, Ms4.6, Ms4.1

NEIC 16 07:28:04.0, 4.0, 10.74N, 92.08E, h16km, 25km, mb4.3/8, Error ellipse: s-maj=9.1km s-min=7.0km az=51.0

MOS 16 07:28:04.2, 1.0, 10.75N, 92.16E, h33km, mb4.6/10, Error ellipse: s-maj=15.8km s-min=9.2km az=107.0

IDC 16 07:28:10.3, 2.1, 10.89N, 92.23E, h60km, 27km, mb3.9/17, mb1.4/0.18, mb1mx3.9/2.4, mbtmp4.2/1.8, ML4.1/1, Error ellipse: s-maj=29.9km s-min=12.2km az=54.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like CMAR, VIS, etc.

IDC 16 07:28:04.3, 0.4, 10.75N, 92.06E, 92.08E, 0.05, h33km, n59, c194/64, mb4.4/33, MS4.3/1, 2D, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like CMAR, VIS, BWN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like ENH, NANJING, etc.

IDC 16 07:34:19.8, 0.9, 5.95N, 125.28E, h30km, mb4.2/4, Error ellipse: s-maj=58.5km s-min=14.8km az=76.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like AAK, SONM, etc.

IDC 16 07:34:28.9, 3.4, 5.93N, 126.37E, h90km, 76km, mb3.6/9, mb1.3/8.9, mb1mx3.7/1.8, mbtmp4.0/9, Error ellipse: s-maj=64.9km s-min=17.8km az=71.0

IDC 16 07:34:23.1, 1.1, 5.87N, 126.07E, 126.2E, 0.1, h54km, 11km, n23, c1818/25, mb4.0/13, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like AAK, SONM, etc.

IDC 16 07:34:19.8, 0.9, 5.95N, 125.28E, h30km, mb4.2/4, Error ellipse: s-maj=58.5km s-min=14.8km az=76.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like SOC, KMB, etc.

IDC 16 07:34:28.9, 3.4, 5.93N, 126.37E, h90km, 76km, mb3.6/9, mb1.3/8.9, mb1mx3.7/1.8, mbtmp4.0/9, Error ellipse: s-maj=64.9km s-min=17.8km az=71.0

IDC 16 07:34:23.1, 1.1, 5.87N, 126.07E, 126.2E, 0.1, h54km, 11km, n23, c1818/25, mb4.0/13, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like BRTR, OBS, etc.

IDC 16 07:34:19.8, 0.9, 5.95N, 125.28E, h30km, mb4.2/4, Error ellipse: s-maj=58.5km s-min=14.8km az=76.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KAT, KCP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LEF, RAC, HAE, MLR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, PSZ, NOVY KOSTEL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROBBS, BBS, SKO, VOJVO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EMOS Mosqueruela, EMIN Mina Concepcio, EADA Adamuz, etc.

IDC 16 08:30:21.6:9.2, 11.00N:92.84E, mb3.8/4, mb1 4.0/4, ms1mx3.8/22, Error ellipse: s-maj=3.3/2, s-min=34.0km az=75.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM Sogingo Array, ZAL Zalesovo, NWAO Narogin (SRO), etc.

BUI 16 08:43:43.6:29.66N:80.55E, h12km, mB5.2, mb5.0, Ms4.9, Ms4.9

NEIC 16 08:43:46.8:0.2, 29.65N:80.70E, h10km, mb4.8/46, Error ellipse: s-maj=6.6km s-min=4.2km az=205.0

NEIC Felt strongly in the Askot-Dharchula-Jhulaghat-Pithoragarh area, India. Also felt strongly in western Nepal.

LDG 16 08:43:47.0:0.1, 29.43N:80.63E, h33km, Mb4.8/24, Error ellipse: s-maj=12.6km s-min=2.6km az=25.0

NDI 16 08:43:47.9:3.6, 29.61N:80.75E, h10km, ML4.7, mb4.8(NEIC)

MOS 16 08:43:48.3:0.9, 29.69N:80.70E, h33km, mb4.9/39, Error ellipse: s-maj=9.3km s-min=5.1km az=123.3

DMN 16 08:43:49.2:0.6, 29.68N:81.14E, h10km, M1.6, Error ellipse: s-maj=30.3km s-min=11.2km az=26.0

IDC 16 08:43:52.4:5.2, 29.66N:80.74E, h49km, 42km, mb4.4/27, mb1 4.5/28, mb1mx4.5/30, mbtmp4.7/28, ML4.8/1, Error ellipse: s-maj=19.8km s-min=11.0km az=34.0

ISC 16 08:43:45.0:0.1, 29.65N:0.02:80.69E:0.02, h10km, n225, r15:14/249, mb4.7/78, MS4.5/2, 16C-10D, Nepal-India border region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTH Pithoragarh, KALG Kalga, DDI Dehra Dun, etc.

Main table of station data with columns: LSA, Lhasa, Derazinda, Shillong, Bhavnagar, Latur, Vishakhapatnam, etc.

Main table of station data with columns: YAK Yakutsk, YAK Yakutsk, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

16d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nj2, YAK, HFS, SSE, etc.

IDC 16 09:30:52.0-5.8, 14.57N-119.12E, mb4.1/9, mb1 4.2/10, mb1mx4.0/22, mbtmp4.1/10, ML4.2/1, Error ellipse: s-maj=34.2km s-min=15.3km az=56.0

NEIC 16 09:30:53.8-0.4, 14.52N-119.00E, h10km, mb4.3/3, Error ellipse: s-maj=20.0km s-min=8.3km az=52.0

ISC 16 09:30:52.0-0.5, 14.53N-119.04E-0.04, h10km, n34, r15243, mb4.1/12, 3DZ Luzon

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

2015 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK, HFS, DBIC.

IDC 16 09:43:35.4-1.3, 5.46N-94.41E, mb3.9/8, mb1 4.1/9, mb1mx3.9/19, mbtmp3.9/9, ML4.4/1, Error ellipse: s-maj=66.1km s-min=19.4km az=60.0

NEIC 16 09:43:39.1-0.7, 5.25N-94.19E, h30km, mb4.3/3, Error ellipse: s-maj=23.6km s-min=10.9km az=60.0

ISC 16 09:43:37.4-0.9, 5.3N-94.1-0.2, h30km, n14, r057721, mb4.0/11, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, HYB, SOMA, etc.

ATH 16 09:49:39.4, 36.95N-27.94E, h33km, 3km, MD3.4/4, CSEM 16 09:49:40.4-0.1, 36.97N-27.85E, h20km, MD3.2, Error ellipse: s-maj=3.4km s-min=2.1km az=22.0

NEIC 16 09:49:40.8-0.5, 36.94N-27.77E-0.04, h22km, 5km, n26, r1906/37, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM, MLSB, DALY, etc.

NEIC 16 09:54:13.4, 18.71N-68.92W, h166km, MD4.0(RSPR), After RSPR

RSPR 16 09:54:13.4, 18.71N-68.92W, h166km, 3km, MD4.0/11, MD4.0/11, 9C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPR, LSP, MGP, etc.

ATH 16 09:56:52.0, 36.90N-27.74E, h13km, MD3.0/3, ISK 16 09:56:52.3, 37.03N-27.83E, h5km, MD3.1

NEIC 16 09:56:52.4, 36.99N-27.76E, h10km, MD3.1(ISK), MD3.0(ATH), After ISK

CSEM 16 09:56:58.8-0.1, 36.56N-28.13E, h30km, MD3.1, Error ellipse: s-maj=2.6km s-min=2.2km az=58.0

ISC 16 09:56:52.1-0.6, 36.92N-27.74E-0.05, h5km, n14, r057721, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLSB, DALY, ARG, etc.

SOF 16 09:57:52.3, 40.70N-27.72E, h2km, MD3.0, CSEM 16 09:57:53.8-0.0, 40.60N-27.77E, h20km, MD3.7, Error ellipse: s-maj=1.3km s-min=0.7km az=46.0

NEIC 16 09:57:53.4, 40.61N-27.72E, h2km, MD3.6(ATH), ML3.4(ISK), After ISK

NEIC Felt in the Erdok area. ISK 16 09:57:53.4, 40.60N-27.72E, h2km, MD3.7 THE 16 09:57:58.3, 40.38N-27.42E, h17km, ML3.9

ATH 16 09:58:05.1, 40.27N-26.32E, h5km, MD3.6, ISC 16 09:57:54.2-0.3, 40.64N-0.02-27.73E-0.02, h20km, 3km, n103, r0695/126, 6C-6D, Turkey

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRMT, EDC, BNT, etc.

IGQ 16 10:14:10.9, 1.73S-78.86W, h12km, 2km, mb4.6, Error ellipse: s-maj=4.6km s-min=2.9km az=118.2

NEIC 16 10:14:13.9-1.3, 1.55S-78.32W, h5km, 13km, mb4.1/9, MD4.6(GQ), Error ellipse: s-maj=28.3km s-min=8.8km az=66.0

NEIC Felt at Banos and Riobamba. IDC 16 10:14:19.9-7.0, 1.90S-78.95W, h2km, 68km, mb3.4/7, mb1 3.7/8, mb1mx3.5/15, mbtmp3.7/8, ML3.9/1, Error ellipse: s-maj=68.5km s-min=19.7km az=50.0

ISC 16 10:14:12.6-0.5, 1.74S-0.04-78.78W-0.04, h12km, n51, r1519/53, mb3.9/13, 12C-9D, Ecuador

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PATA Patacocha, CUSU Cusua, RETU Refugio, etc.

16d 11h: 19.14.2.7, 2.3.80N-95.16E, mb3.9/8, mb1 4.1/9, mb1mx3.9/20, mbtmp4.0/9, ML4.4/1, Error ellipse: s-maj=180.8km s-min=59.0km az=139.0

NEIC 16 10:19:18.3-4.2, 3.58N-94.86E, h30km, mb4.3/3, Error ellipse: s-maj=108.0km s-min=28.4km az=131.0

ISC 16 10:19:18.4-2, 4.0N-0.5.95.0E-0.6, h30km, n12, c09N0 12, mb4.0/11, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

NEIC 16 10:20:12.0-0.8, 17.99S-178.45W, h583km, g2km, mb4.3/14, Error ellipse: s-maj=15.4km s-min=6.5km az=157.0

16d 11h: 20.15.2, 2.13.51W, h19km, 23km, mb3.6/12, mb1 3.8/13, mb1mx3.9/16, mbtmp4.6/13, Error ellipse: s-maj=34.1km s-min=9.1km az=160.0

ISC 16 10:20:11.8-1.1, 18.1S-0.1-178.51W-0.08, h597km, n14km, n85, c086/38, mb4.1/20, SC-4D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASPA, KAKA Kakadu, SBA Scott Base, CASY Casey, etc.

16d 11h: 22.19.7, 2.00N-97.54E, mb3.3/3, mb1 3.5/3, mb1mx3.3/16, mbtmp3.3/3, Error ellipse: s-maj=329.0km s-min=34.4km az=67.0, Northern Sumatara

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

BUI 16 11:07:21.6, 14.08N-92.23E, h20km, mb4.5, mb4.2, Ms4.1, Ms2.0

16d 11h: 07:25.0-8, 14.51N-92.42E, h19km, 3km, mb3.9/14, mb1 4.1/15, mb1mx3.9/22, mbtmp4.0/15, ML 3.8/1, Error ellipse: s-maj=24.1km s-min=15.0km az=48.0

MOS 16 11:07:25.7-1.4, 14.54N-92.61E, h33km, mb4.9/15, Error ellipse: s-maj=14.3km s-min=9.2km az=110.3

NEIC 16 11:07:26.1-0.5, 14.57N-92.59E, mb4.6/10, Error ellipse: s-maj=12.4km s-min=8.9km az=222.0

ISC 16 11:07:23.5-0.5, 14.57N-0.07-92.47E-0.06, h21km, h21km, g1km, pp-P, n60, c19 12/60, mb4.3/30, MS4.0/1, 1D, Andaman Islands region

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

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

16d 11h: 30.8.6.3, 3.66S-151.61E, h267km, 4.7km, mb3.3/3, mb1 3.2/5, mb1mx3.1/15, mbtmp3.9/5, Error ellipse: s-maj=75.9km s-min=38.5km az=89.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, KURK Kurchatov, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZA Kyzart, UCH Uchtor, KBK Karagaybulak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, URU Ulice, PRU Pruhonice, etc.

WEL 16 12:51:14.2±0.3, 41.275x172.62E, h210km, 2km, ML3.5/8, 10C, Error ellipse: s-maj=2.5km s-min=2.4km az=0.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Quartz Range, Tophouse, Nelson, Denniston Nort, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sonmi Songoing Array, ULN Ulanbaatar, ULA Ulanbaatar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, ILAR Eielson Array, NVAR Mina Array, etc.

MAN 16 12:52:44.9, 8.02N-124.12E, h15km, mb4.2, ML3.1, MS2.8, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CSEM 16 12:52:54.0±0.2, 63.04N±6.15E, h2km, ML2.3, Error ellipse: s-maj=3.6km s-min=2.4km az=134.0, Suspected Mining explosion.

NAO 16 12:53:01.3±0.6, 62.79N±6.49E, h28km±48km, ML3.3, ISC 16 12:52:57.8±0.7, 62.72N±6.04E, 6.59E±0.07, n38, e=1927/62,

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

BUI 16 12:51:55.6±4.37N±93.45E, h22km, mb5.2, mb4.8, Ms4.6, Ms4.0

IDC 16 12:52:04.7±0.6, 5.32N-93.30E, h21km±3km, mb4.5/18, mb1.4/6/19, mb1mx4.5/22, mbtmp4.6/19, ML4.3/1, MS3.6/3, Ms1.3/6/3, ms1mx3.4/19, Error ellipse: s-maj=21.4km s-min=10.6km az=55.0

MOS 16 12:52:04.5±0.8, 5.37N-93.44E, h33km, mb4.9/16, Error ellipse: s-maj=19.9km s-min=9.9km az=113.1

NEIC 16 12:52:04.7±0.2, 5.32N-93.39E, mb4.7/15, Error Ellipse: s-maj=9.4km s-min=5.2km az=52.0

ISC 16 12:52:03.1±0.3, 3.54N±0.05, h24km, h24km±1.2km, pP-P, n109, e1903/110, mb4.7/43, MS4.0/4, 3C-2D, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Khon Kaen, Nan, Chiangrai, Vishakhapatnam, Bhubaneswar, Hyderabad, Imphal, Shillong, Poona, Bhopal, Lhasa, Enshi, Lanzhou, Nanjing, Ulaoh, etc.

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

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

NEIC 16 13:24:19.4±0.5, 12.93N±93.16E, h30km, mb4.2/5, Error ellipse: s-maj=15.1km s-min=9.0km az=64.0

IDC 16 13:24:21.0±0.6, 5.12N±93.20E, h40km±54km, mb3.7/10, mb1.4/0/11, mb1mx3.7/19, mbtmp4.0/11, ML 4.6/1, Error ellipse: s-maj=42.0km s-min=15.0km az=56.0

ISC 16 13:24:17.4±0.6, 12.90N±0.07, 93.20E±0.05, h30km, n27, e078/29, mb4.0/14, 1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ROBBS Robic, GCIS Gornji Cirnik, GCIS comp=Z,30m,0.1s, etc.

Table with columns: MWZ Matawai, MWZ Vera Road, WRZ Vera Road, etc. Includes stations like MWZ Matawai, MWZ Vera Road, WRZ Vera Road, etc.

Table with columns: ASPA, ASPA Warramunga Arr, ASPA Warramunga Arr, etc. Includes stations like ASPA, ASPA Warramunga Arr, ASPA Warramunga Arr, etc.

CASC 16 14:16:35.0, 1.7, 13.29N, 89.97W, h35km, 99gkm, MD3.7, ML3.6, 6C-3D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SBLS San Blas, SBLS San Jose, SNUJ SNUJ, etc.

BUI 16 14:49:50.7, 26.30S, 178.40E, h582km, mB5.1, mb4.4

NEIC 16 14:49:50.7, 0.3, 26.34S, 178.36E, mb4.8/26, Error ellipse: s-maj=10.3km s-min=6.9km az=155.0

DC 16 14:49:52.0, 0.8, 26.30S, 178.20E, h596km, 8km, mb3.9/16, mB1.4/17, mb1mx4.1/20, mbtmp4.9/18, Error ellipse: s-maj=12.7km s-min=8.7km az=164.0

ISC 16 14:49:50.0, 0.2, 26.35S, 178.25E, 0.04, h585km, h585km, 3.0km, mP, n123, s15/15/107, mb4.7/41, 7C-14D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OUZ Omahuta, KUZ Kuautunu, MAZ Matapu, etc.

CMAR 16 14:49:50.7, 26.30S, 178.40E, h582km, mB5.1, mb4.4

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

NEIC 16 14:19:10.7, 38.30S, 176.02E, h170km, After WEL

WEL 16 14:19:11.6, 0.3, 38.36S, 176.06E, h165km, 2km, ML4.2/7, 18C, Error ellipse: s-maj=1.4km s-min=1.4km az=0.0, North Island

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

FOZ Foa Glacier, LBU Lake Benmore, WAZ Waikare, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FOZ Foa Glacier, LBU Lake Benmore, WAZ Waikare, etc.

ARCES ARCES Array B, FINES FINES Array B, FINES FINES Array B, etc.

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

DC 16 14:50:40.8, 1.5, 4.49N, 94.78E, mb4.1/6, mb1 4.2/7, mb1mx3.9/19, mbtmp4.0/7, ML4.1/1, Error ellipse: s-maj=69.6km s-min=26.7km az=52.0

NEIC 16 14:50:45.0, 0.7, 4.51N, 94.84E, h303km, mb4.3/4, Error ellipse: s-maj=23.6km s-min=1.5km az=53.0

ISC 16 14:50:43.9, 1.0, 4.6N, 94.2, 94.9E, 0.2, h350km, n11, c075/11, mb4.2/10, Off west coast of northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrungama Arr, WRAB Tennant Creek, etc.

IDC 16 14:56:47.3:1.1, 10.74N:91.98E, mb3.9/7, mb1 4.0/8, mb1mx3.8/19, mbmp3.8/8, ML4.0/1, Error ellipse: s-maj=43.8km s-min=17.9km az=61.0

NEIC 16 14:56:52.0:5.0, 10.80N:92.22E, h30km, mb4.4/7, Error ellipse: s-maj=15.6km s-min=6.9km az=72.0

ISC 16 14:56:48.7:0.5, 10.74N:0.06:91.98E:0.06, h30km, n23, s+152/28, mb4.1/12, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

CASC 16 15:03:45.8:1.4, 12.02N:87.76W, h23km, 5km, MD3.8, ML3.5, 3C-3D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like LEON Leon, TEL3 Telica 3, TELN Telica, etc.

PRU 16 15:08:10.0, 51.49N:16.16E, WAC 16 15:08:10.1, 51.51N:16.13E, h1km, ML2.6, Mining

ISC 16 15:08:07.3:0.9, 51.52N:0.05:16.15E:0.05, n11, s+108/24, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like LDFG 16 15:43:34.1:0.3, 42.82N:1.39W, h17km, MD2.5/2, M12.2/4, etc.

IDC 16 15:46:12.8:0.9, 43.14S:171.35E, mb4.2/6, mb1 4.3/7, mb1mx4.1/12, mbmp4.1/7, ML3.5/1, Error ellipse: s-maj=24.9km s-min=8.3km az=104.0

WEL 16 15:46:15.2:0.1, 43.21S:171.06E, h4km, 1km, ML4.5/23, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0

NEIC 16 15:46:15.2, 43.21S:171.05E, h5km, mb4.5/2, ML4.6(WEL), After WEL

ISC 16 15:46:15.2:0.4, 43.20S:0.03:171.00E:0.03, h17km, 4km, n84, s+89/86, mb4.2/8, 5C-7D, South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WZ Waitaha Valley, STKA Stephens Creek, etc.

CSEM 16 15:47:27.3:0.4, 38.59N:28.57W, h6km, 3km, ML1.5, Error ellipse: s-maj=2.4km s-min=1.5km az=34.0

PDA 16 15:47:27.3:0.4, 38.59N:28.57W, h6km, 3km, MD2.9, ML1.5, Error ellipse: s-maj=2.4km s-min=1.5km az=34.0

SVSA 16 15:47:27.3:0.4, 38.59N:28.57W, h6km, 3km, MD2.9, ML1.5, Error ellipse: s-maj=2.4km s-min=1.5km az=34.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HOR Horta, CALA Caldeira, PICO Pico, etc.

IDC 16 15:59:04.6:1.1, 25.55S:176.27W, mb4.2/10, mb1 4.3/12, mb1mx4.2/18, mbmp4.2/12, ML4.1/2, MS4.3/3, Ms1 4.2/3, ms1mx3.5/22, Error ellipse: s-maj=51.1km s-min=19.1km az=160.0

NEIC 16 15:59:07.1:4.1, 25.56S:176.27W, h17km, 25km, mb4.5/8, Error ellipse: s-maj=14.9km s-min=8.8km az=138.0

ISC 16 15:59:08.2:0.5, 25.56S:0.1:176.3W:0.1, h33km, n26, s+875/22, mb4.3/16, MS4.5/2, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AFI Afiamalu, URZ Urewhera, RAR Rarotonga, etc.

BEO 16 16:08:09.0:0.3, 43.36N:20.05E, h4km, 1km, CSEM 16 16:08:09.7:0.1, 43.38N:20.03E, h12km, MD2.5, Error ellipse: s-maj=2.9km s-min=2.0km az=132.0

PDG 16 16:08:10.9:0.1, 43.32N:20.01E, h10km, MD2.5(PDG), After PDG

ISC 16 16:08:09.2:0.4, 43.37N:0.02:20.05E:0.03, h10km, n22, s+1910/39, 6C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NVSS Nova Varos 2, PLE Plijevlja, IVA Berane, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:16:53.19.9.3.5, 2.86N.93.51E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, mbtmp3.5/5, ML3.9/1, Error ellipse: s-maj=116.9km s-min=25.2km az=66.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CMAR Chiang Mai Arr 16.39 18 Ph P, LSA Lhama 26.82 355 P, WRA Warramunga Arr 45.95 121 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:16:56.23.4.4.7, 17.17S.174.99E, mb3.8/2, mb1 4.0/2, mb1mx3.6/13, mbtmp3.6/2, Error ellipse: s-maj=266.8km s-min=65.1km az=154.0, Fiji Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MSZ Miiford Sound 0.69 94 P, DCZ Deep Cove 0.86 171 P, WRA Warramunga Arr 38.57 259 P, ASAR Alice Springs 38.94 253 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:17:15.34.4.5.0, 13.72N.88.31W, mb3.6/3, mb1 4.1/4, mb1mx3.6/18, mbtmp3.7/4, ML3.8/1, Error ellipse: s-maj=166.6km s-min=33.0km az=29.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SNVI San Vicente 0.63 359P, LFRS El Faro 0.68 341P, VSM San Miguel 0.70 51J, BLM Bellamira 0.74 51P, BOQS Boqueron 0.81 340P, CAHU Cacahuatque 0.99 37 P, CNCH Conchagua 1.01 73P, CNOH San Blas 1.15 318P, SBL San Jose 1.16 320P, RTR El Retiro 1.21 319P, RBDL Robledal 1.40 324P, MTOZ Montecristo 2 1.50 340P, CRIN San Cristobal 1.76 99P, LEON Leon 1.97 106P, IXG Ipacabo 1.98 307P, TEL3 Telica 3 1.98 102P, TELN Telica 1.98 101P, CNNG Cerro Negro 2.13 103P, MIRN Miramar 2.14 104P, MOMJ Motomoto 2.31 104P, COPN Copaltepe 2.33 101P, APYQ Apoyaque 2.53 107P, MGAN Managua 2.66 108P, WLN Llanos 2.71 107P, TICN Ticasatepe 2.71 110P, TP2 Tecpan 2.78 310P, JTS JuntasAbangare 4.64 125P, JTS Juntas 4.79 130P, JCR Jicaral 4.79 130P, PRS1 Puriscal 5.34 123P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PRS1 Bijagal 5.56 123, LAJ La Lucha 2 5.72 124, URUC Uracasa 5.86 122, URUC 5.86 122, TEIG Tepich 7.22 4, SDV Santo Domingo 18.32 101, TXAR Lajitas Array 21.32 322, TXAR Lajitas Array 21.32 322, CCM Cathedral Cave 20.56 355, NVAR Mina Array Bay 36.42 319, YKA Yellowknife Arr 52.75 345.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:17:25.9.3.1, 33.98S.178.64W, mb3.9/3, mb1 4.1/4, mb1mx3.8/14, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=64.6km s-min=36.1km az=118.0, South of Kermadec Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for URZ Urewera 5.48 218, CTA Charters Tower 34.01 285, ASAR Alice Springs 42.50 271, WRA Warramunga Arr 43.81 276, FINES FINES Array B 48.27 332.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TK01 Tokai 1 0.63 30, TK02 Tokai 2 0.86 32, TK03 Tokai 3 1.14 34, JIE Ise 1.24 340, JIE Kozaga 1.29 284, TK04 Tokai 4 1.29 25, TSUJ Tsu 2 1.62 336, JWM Minabe 1.67 293, JWM Kouya 1.68 307, JWE Heguri 1.91 319, SHZ3 Shizuoka 3 2.02 24, MAT Matushiro 3.42 14.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:17:23.33.1.1, 8.598N-91.78E, mb3.4/2, mb1 3.8/3, mb1mx3.4/18, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=68.8km s-min=35.3km az=49.0, Off west coast of northern Sumatra.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CMAR Chiang Mai Arr 14.24 29, ASAR Alice Springs 50.57 127, GERES GERES Array B 77.68 319.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:17:28.35.2.2, 1.757N-92.49E, mb3.3/3, mb1 3.6/4, mb1mx3.4/19, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=76.4km s-min=27.0km az=61.0, Nicobar Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CMAR Chiang Mai Arr 12.51 30, BVAR Borovoye Array 48.76 342, WRA Warramunga Arr 49.43 124, ASAR Alice Springs 50.99 129.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 16:17:32:58.1, 15.92N-98.12W, h3km, MD3.9(MEX), After MEX. MEX 16:17:32:58.1, 0.7, 15.92N-98.12W, h3km, 7km, MD3.9, Off coast of Guerrero.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BUJ 16:18:04:47.0, 52.48N-157.82E, h160km, mB5.1, mb4.9, MOS 16:18:04:47.6, 0.9, 52.46N-157.50E, h140km, mb4.8/8B, Error ellipse: s-maj=8.3km s-min=4.4km az=93.5, KRSC 16:18:04:48.2, 0.7, 52.30N-157.84E, h140km, 2km, ML4.8, HRVD 16:18:04:48.6, 0.6, 52.59N-157.94E, h155km, 7km, MV4.9/46, Centroid moment Tensor Solution. LP body waves: s7, c8, Mantle waves: s46, c67. Half duration: 0 Moment tensor: Scale 10^16Nm; Mr: 0.59; 17; Mw: -1.20; 24; Mw0.61; 22; Mw0.80; 14; Mw0.18; 4; Mw: -1.72; 12; Best double couple: M2.632; 1016; NP1: 0; 102; 344; 1170; NP2: 0; 199; 885; 1466; Principal axes: T2.564, Plg36; Azm72; N.535, Plg44; Azm206; P-3.1, Plg25; Azm322; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:18:04.49.4, 0.5, 52.49N-157.39E, h142km, 3km, mb4.4/28, mb1 4.5/30, mb1mx4.5/31, mbtmp4.8/30, MS5.3/1, Ms1 5.3/1, ms1mx3.4/20, Error ellipse: s-maj=11.1km s-min=8.3km az=151.0, IDC 16:18:04:48.1, 0.2, 52.40N-0.02, 157.53E, 0.04, h146km, 1km, h199km, 1.8km, pP-P, n444, c091/470, mb4.7/158, 19C-88D, Kamchatka Peninsula.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for GRL Gorelyy 0.37 65, MPR Malaya Ipel'ka 0.49 256, KMRM Karymshinsky 0.57 40, APC APC 0.58 37, APC APC 22um, 0.9s, RUS Russkaya 0.60 86, RUS Russkaya 0.60 86, PET Petropavlovsk 0.93 47, PET Petropavlovsk 0.93 47, comp=N, 2um, 0.7s, comp=Z, 6um, 0.7s, comp=N, 4um, 0.5s, comp=E, 3um, 0.5s, comp=E, 6um, 0.5s, comp=N, 15um, 2.5s, comp=N, 18um, 2.3s, comp=N, 14um, 0.7s, PET Petropavlovsk 0.93 47, PET Petropavlovsk 0.93 47, PAUZ Pauzhetka 1.03 206, comp=N, 9um, 1.0s, KOK Koryaka 1.12 36, UGLR Uglava 1.13 43, AVH Avacha 1.14 40, SMAR Somma 1.16 41, SMAR Somma 1.21 42, GNL Gendalvina 1.21 42, GNL Gendalvina 1.32 11, NLC Nalychchevo 1.35 54, SPN Mys Shipunski 1.67 64, SPN Mys Shipunski 1.67 64, SKR Severo-Kuril's 1.93 208, SKR Severo-Kuril's 1.93 208, comp=N, 310nm, 0.5s, comp=E, 390nm, 0.5s, comp=Z, 1um, 0.0s, comp=N, 9um, 0.5s, comp=E, 6um, 0.5s, comp=N, 15um, 2.0s, SKR Severo-Kuril's 1.93 208, ALID Alaid 1.96 220, TUMR Tumrok 1.32 27, ESO Esso 3.60 11, KMNR Kamenistaya 3.73 24, KPT Kopyto 3.91 23, KOZ Kozyrevsk 3.92 20, KOZ Kozyrevsk 3.92 20, KOZ Kozyr 3.93 20, SRDR Sredinyan 4.13 17, KBG Krutoberegovo 4.91 36, BKI Bering 5.74 57, OSSR Ossora 7.54 22, MA2 Magadan 8.13 355, MA2 MA2 comp=Z, 50nm, 0.8s, MA2 comp=N, 30nm, 1.0s, FX1 Attu Island-F 9.52 81, FX1 Attu Island-F 9.52 81, FX1 Attu Island-F 9.52 81, SEY Seychan 10.91 347, SEY Seychan 10.91 347, MA2 comp=Z, 40nm, 1.0s, SEY comp=N, 30nm, 0.9s, SEY comp=E, 6.0nm, 0.9s, SEY comp=N, 260nm, 15.1s, SEY comp=E, 310nm, 13.8s, YSS Yuzh-Sakhalins 11.01 246, YSS Yuzh-Sakhalins 11.01 246.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 16:17:23.33.1.1, 8.598N-91.78E, mb3.4/2, mb1 3.8/3, mb1mx3.4/18, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=68.8km s-min=35.3km az=49.0, Off west coast of northern Sumatra.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CMAR Chiang Mai Arr 12.51 30, BVAR Borovoye Array 48.76 342, WRA Warramunga Arr 49.43 124, ASAR Alice Springs 50.99 129.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 16:17:32:58.1, 15.92N-98.12W, h3km, 7km, MD3.9, Off coast of Guerrero.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOC, WMOK, GNI, KWA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BFO, KBA, WLS, CDF, WATA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VIVF, ENR, KBA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EBER Berja, ERON Agron, EGRO El Grande, etc.

IDC 16 18:07:39.2±1.4, 17.71S:175.66E, mb4.1/7, mb1 4.3/7, mb1mx4.1/14, mbtmp4.1/7, MS4.0/11, Ms1 4.0/11, ms1mx3.9/18, Error ellipse: s-maj=39.8km s-min=26.7km az=135.0

ISC 16 18:07:42.3±1.3, 17.85S:02x175.7E±0.2, h33km, n18, c058/10, mb4.0/6, MS3.9/11, 1C, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, RAR Rarotonga, RPR Rata Peaks, etc.

IDC 16 18:14:08.9±0.5, 4.8S:152.55E, mb3.7/3, mb1 4.0/4, mb1mx3.7/13, mbtmp3.8/4, ML2.7/1, Error ellipse: s-maj=140.7km s-min=24.9km az=130.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ILAR Eielson Array, etc.

TEH 16 18:20:59.2, 31.49N:49.65E, h16km, Mn3.0 CSEM 16 18:20:59.2, 0.4, 31.63N:49.69E, h18km, ML3.5/1, Error ellipse: s-maj=9.1km s-min=5.0km az=177.0

THR 16 18:20:59.6±0.4, 31.69N:49.73E, h14km, gkm, ML2.8, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHGR Shooshtar-Gavs, NASN Na'in, ASAO Ashtian, etc.

IDC 16 19:07:09.3±1.4, 5.57S:11.45W, mb4.3/7, mb1 4.5/8, mb1mx4.1/19, mbtmp4.4/8, ML3.3/1, MS4.3/9, Ms1 4.3/9, ms1mx3.9/18, Error ellipse: s-maj=49.6km s-min=22.4km az=141.0

NEIC 16 19:07:10.8±0.3, 5.64S:11.42W, h10km, mb4.7/19, Error ellipse: s-maj=9.2km s-min=6.4km az=123.0

ISC 16 19:07:09.1±0.5, 5.59S:10.09N, 11.42W±0.9, h10km, n41, c056/34, mb4.6/26, MS4.3/8, Ascension Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBIC Dimbokro, BDFB Brasil, LSZ Lusaka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EPF Esparros, MTLF Montleu, LASF Ste Croix, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VIVF Saint-Julien-Oris, ORIF Oris, TCF Toule Ste Croi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPL La Plagne, AVF Avril sur Loir, SASF Saint Saulge, etc.

GUC 16 19:10:54.7±0.6, 29.75S:71.61W, h17km±13km, ML3.6, 1C-1D, Near coast of Central Chile

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

MOS 16 19:28:24.8±1.0, 54.56N:161.41E, h44km, mb4.1/1, Error ellipse: s-maj=67.6km s-min=22.2km az=72.1

KRSC 16 19:28:25.0±0.5, 54.56N:161.58E, h40km, 20km, ML4.0, ISC 16 19:28:24.6±0.5, 54.55N:162.16E, 0.06, h40km, n28, c082/56, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUMR Tumrok, KAMN Kamenistaya, KMIN Kamin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOZR Kozyr, KOZ Koz, KOZ Koz, etc.

KOK Koryaka, GNL Ganaly, PET Petropavlovsk, etc.

PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOK Koryaka, GNL Ganaly, PET Petropavlovsk, etc.

IDC 16 19:41:13.9±3.0, 33.81S:179.02W, mb4.1/2, mb1 4.3/3, mb1mx3.9/12, mbtmp4.1/3, ML4.0/1, Error ellipse: s-maj=105.8km s-min=35.9km az=117.0, South of Kermadec Islands

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

IDC 16 20:11:48.3±4.5, 6.00N:94.82E, mb3.5/4, mb1 3.7/4, mb1mx3.5/16, mbtmp3.5/4, Error ellipse: s-maj=171.9km s-min=24.8km az=65.0, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOMN Songino Array, WRA Warramunga Arr, ZAL Zaleski, etc.

IDC 16 20:17:48.7±0.3, 10.87N:140.88E, mb6.0/31, mb1 6.0/34, mb1mx6.0/36, mbtmp6.0/34, ML5.8/3, MS6.5/25, Ms1 6.5/25, ms1mx6.4/29, Error ellipse: s-maj=18.8km s-min=9.2km az=80.0

GUC 16 20:17:50.4±0.0, 10.95N:140.84E, h10km, mb6.3(NEIC), MS6.6(NEIC), MW6.6(NEIC)

HRVD 16 20:17:52.8±0.1, 10.88N:140.86E, h12km, MW6.6/77, Centroid moment tensor solution. LP body waves: 366.196; Mantle waves: s77, c362; LL duration: 48 Moment tensor: Scale 10^19Nm; Mr=0.73±0.0; Mw=0.83±0.0; M0=1.0±0.0; Mw=0.53±0.1; Mw=0.18±0.0; Mw=0.06±0.1; Best double couple: Mw=958±1019 NP1: phi1=13°, delta1=70°, NP2: phi2=270°, delta2=101°. Principal axes: T 1.012, Plg16°, Azm9°; N -1.1, Plg10°, Azm276°; P -903, Plg17°, Azm155°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 16 20:17:52.8±1.7, 10.93N:140.84E, h25km±11km, mb6.3/16, ME6.9, MS6.7/43, MW6.6 Error ellipse: s-maj=3.7km s-min=3.3km az=92.0 Broadband fault plane solution: P waves: NP1: phi=275°, delta=120°. NP2: phi=154°, delta=36°. Principal axes: T Plg19°, Azm27°; N Plg0°, Azm0°; P Plg55°, Azm147°; Moment Tensor solution: s42 Moment tensor: Scale 10^18 Nm; Mr=5.67; Mw=5.60; Mw=0.07; Mw=1.3; Mw=2.29; Mr=1.79; Best double couple: Mr7.6x10^18 NP1: phi=49°, delta=35°, lambda=129°. NP2: phi=273°, delta=67°, lambda=67°. Principal axes: T 7.33, Plg15°, Azm346°; N 4.5, Plg13°, Azm32°; P 7.78, Plg64°, Azm222°; Depth from synthetic displacement seismograms. Energy computed from BB mechanism.

NEIC Fell on Ulithi, MOS 16 20:17:52.3±1.0, 10.92N:140.83E, h33km, mb6.5/71, MS6.7/53 Error ellipse: s-maj=6.8km s-min=4.4km az=105.1

IGIL 16 20:17:55.2, 10.95N:140.77E, h55km, MS7.1, ISC 16 20:17:54.6±0.6, 10.88N:140.90E±0.02, h52km±5km, h50km±2.5km, comp=PP-P, n850, phi15/569, mb6.2/162, MS6.7/94, 69C-130D, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SARN Sarigan, BIPH Bisigan, MATI Mati, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSLP Malapalao, BUKP Musuan, OCLP Ormoc, etc.

comp=Z, 7.7nm, 0.3s, bazz=146, slow=2.1, SNR=29

comp=Z, 4.7nm, 0.3s, bazz=90, slow=17, SNR=1.7

comp=Z, 1.29um, 18.8s

comp=Z, 134um, 19.4s, bazz=145, slow=34

comp=Z, 1.60um, 18.6s, MS6.4, bazz=130, slow=37

comp=Z, 3um, 1.3s, mb6.4

comp=Z, 115um, 19.0s, MS6.3

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Makhachkala, Lovozero, Red Mountain, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VANDA, YANB, TVAN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAC, LOF, URFA, etc.

Table with columns for station call signs (e.g., SUW, SGKT, TLR), frequencies, and various signal quality indicators (e.g., eP, S, P, M, R).

Table with columns for station call signs (e.g., COP, KDMG, LAZ), frequencies, and various signal quality indicators (e.g., M, R, P, S).

Table with columns for station call signs (e.g., ZST, Bratislava, Bad Segeberg), frequencies, and various signal quality indicators (e.g., eP, S, P, M, R).

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

ISC 16:20:27.59.1.0.8, 10.7N.0.1.141.1E.0.2, h34km, h34km, 2.7km, pp-P, n14, c1:05/13, mb4.3/10, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, ULN Ulanbaatar, SONM Songoing Array, BVAR Borovoye Array, ILAR Eielson Array, YKA Yellowknife Arr, ARCES ARCES Array B, FINES FINES Array B, LPAZ La Paz.

TEH 16:20:33:24.1, 37.85N, 46.80E, Mnd1.4 CSEM 16:20:33:24.0.0.2, 37.89N, 46.91E, h14km, ML4.6/2, Error ellipse: s-maj=5.0km s-min=2.9km az=77.0

THR 16:20:33:24.6.0.6, 37.86N, 46.73E, h14km, 10km, ML3.7 ISC 16:20:33:25.2.0.8, 37.89N, 0.04, 47.03E, 0.08, h14km, n20, c0:98/23, Northwestern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IBST Bostanabad, IHRS Heris, IHSR Hashtroud, GRMI Germi, MAKU Maku, SNGE Sanandaj, IGZV Gazvin, IRAZ Razeqan, MSL Mosul, IMHD Mahdasht, ASAO Ashdhan, IAPF Ajfah, IOOM Damavand, IDMV Damavand, IVRN Varamin, BHD Baghdad, IFIR Firoozkooh.

ISC 16:20:37:07.6.1.2, 11.02N, 140.49E, mb4.1/4, mb1.4/3/4, mb1mx4.0/15, mbtmp4.1/4, Error ellipse: s-maj=87.4km s-min=27.2km az=101.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Arr, FINES FINES Array B, LPAZ La Paz.

ISC 16:20:38:27.8.0.8, 10.98N, 141.08E, mb4.0/9, mb1.4/2/9, mb1mx4.1/17, mbtmp4.0/9, Error ellipse: s-maj=31.6km s-min=21.7km az=95.0

NEIC 16:20:38:29.2.0.6, 10.90N, 141.12E, h10km, h3km, 8/2, Error ellipse: s-maj=23.3km s-min=12.5km az=85.0

ISC 16:20:37:3.0.7, 10.86N, 0.09, 141.1E, 0.2, h10km, n13, c1:11/11, mb3.9/11, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songoing Array, BVAR Borovoye Array, ILAR Eielson Array, YKA Yellowknife Arr, YBH Yreka Blue Hor, FINES FINES Array B, LPAZ La Paz.

ISC 16:20:41:21.1.0.7, 10.93N, 140.99E, h35km, 5km, mb3.8/8, mb1.4/0/8, mb1mx3.9/16, mbtmp4.0/8, Error ellipse: s-maj=35.8km s-min=15.5km az=89.0

NEIC 16:20:41:21.0.0.5, 10.95N, 141.07E, mb4.2/5, Error ellipse: s-maj=22.1km s-min=11.4km az=78.0

ISC 16:20:41:19.0.0.6, 10.91N, 0.09, 141.1E, 0.2, h37km, h37km, 1.7km, pp-P, n15, c0:94/14, mb4.0/12, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, SONM Songoing Array, AFI Afimadu, RAR Raratonga, CHZK Chkalovo, BVAR Borovoye Array, ILAR Eielson Array, YKA Yellowknife Arr, ARCES ARCES Array B, FINES FINES Array B, LPAZ La Paz.

ISC 16:20:45:06.6.0.5, 10.86N, 141.16E, h39km, 4km, mb4.0/12, mb1.4/2/12, mb1mx4.1/16, mbtmp4.2/12, Error ellipse: s-maj=22.2km s-min=11.5km az=85.0

NEIC 16:20:45:06.9.0.5, 10.82N, 141.05E, mb4.5/5, Error ellipse: s-maj=22.4km s-min=9.7km az=81.0

ISC 16:20:45:05.1.0.6, 10.76N, 0.07, 141.0E, 0.2, h40km, h40km, 1.0km, pp-P, n25, c1:23/23, mb4.2/14, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, CTCTA Charters Tower, WRAB Tennant Creek, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, ENH Enshi, CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songoing Array, SONM Songoing Array, CHZK Chkalovo, BVAR Borovoye Array, ILAR Eielson Array, ILAR Eielson Array, DAWY Dawson, YKA Yellowknife Arr, YKA Yellowknife Arr, ARCES ARCES Array B, ARCES ARCES Array B, FINES FINES Array B, LPAZ La Paz, LPAZ La Paz.

NEIC 16:20:52:44.6.0.7, 10.82N, 141.24E, mb3.8/2, Error ellipse: s-maj=28.4km s-min=14.1km az=92.0

ISC 16:20:52:45.0.0.9, 10.85N, 141.16E, h40km, 7km, mb3.7/6, mb1.4/0/6, mb1mx3.8/16, mbtmp3.9/6, Error ellipse: s-maj=28.6km s-min=17.3km az=94.0

ISC 16:20:52:42.8.0.8, 10.8N, 0.1, 141.2E, 0.2, h39km, h39km, 0.8km, pp-P, n9, c0:91/9, mb3.9/8, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHZK Chkalovo, BVAR Borovoye Array, BVAR Borovoye Array, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

ISC 16:20:54:20.2.1.0, 11.00N, 140.94E, mb4.2/7, mb1.4/4/7, mb1mx4.1/16, mbtmp4.1/7, Error ellipse: s-maj=59.8km s-min=21.8km az=97.0

NEIC 16:20:54:21.9.0.7, 11.02N, 140.94E, h10km, mb4.4/2, Error ellipse: s-maj=40.7km s-min=13.4km az=94.0

ISC 16:20:54:20.2.0.8, 11.0N, 0.1, 140.9E, 0.3, h10km, n9, c0:78/9, mb4.2/9, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CHZK Chkalovo, BVAR Borovoye Array, ILAR Eielson Array, YKA Yellowknife Arr, ARCES ARCES Array B, FINES FINES Array B.

ISC 16:20:53:06.1.6, 1.63N, 127.12E, mb3.4/3, mb1.3/6/3, mb1mx3.5/15, mbtmp3.5/3, Error ellipse: s-maj=187.0km s-min=25.4km az=73.0, Halmahera

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

NEIC 16:21:03:22.6.0.7, 38.06N, 134.64E, h377km, 13km, mb3.3/2, Error ellipse: s-maj=21.6km s-min=17.8km az=53.0

ISC 16:21:03:30.8.14.0, 38.12N, 134.47E, h476km, 195km, mb2.6/5, mb1.2/7/5, mb1mx2.6/21, mbtmp3.4/5, Error ellipse: s-maj=50.9km s-min=20.7km az=115.0

ISC 16:21:03:21.8.0.9, 38.1N, 0.2, 134.7E, 0.2, h387km, n10, c0:66/10, mb3.0/7, Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matushiro, MAT Matushiro, MAT Matushiro, ULN Ulanbaatar, SONM Songoing Array, CMAR Chiang Mai Arr, CHZK Chkalovo, BVAR Borovoye Array, ILAR Eielson Array, ASAR Alice Springs.

CSEM 16:21:04:07.5.36.91N-19.85E, h43km, MD3.6/3, After ATH 16:21:04:07.5.36.91N-19.85E, h43km, MD3.6/3, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VLS Valsamata, VLS Valsamata, ITM Ithomi, VLI Veliai.

BUI 16:21:10:34.3.8.70N, 93.31E, h22km, mb4.7

ISC 16:21:10:42.3.0.7, 9.52N, 93.84E, h20km, 4km, mb3.7/10, mb1.3/9/11, mb1mx3.8/19, mbtmp3.8/11, ML3.5/1, Error ellipse: s-maj=31.8km s-min=14.9km az=50.0

NEIC 16:21:10:42.5.0.4, 9.55N, 93.85E, mb4.2/9, Error ellipse: s-maj=10.5km s-min=9.8km az=220.0

ISC 16:21:10:40.7.0.5, 9.51N, 0.08, 93.80E, 0.06, h22km, h22km, 1.1km, pp-P, n37, c1:100/39, mb4.0/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Vishakhapatnam, PALK Pallekele, BWNR Bhubaneswar, BWNR Bhubaneswar, BWNR Bhubaneswar, BWNR Bhubaneswar, MDRS Chennai, SHL Shillong, HYB Hyderabad, HYB Hyderabad, BLSL Bilaspur, LSA Lhasa, LSA Lhasa.

KAD Karad, KAD Karad

BHPL Bhopal, BHPL Bhopal

POO Poona, POO Poona

NDI New Delhi, ENH Enshi

DDI Dehra Dun, AAK Ala-Archa

SONM Songoing Array, ULN Ulanbaatar

ZAL Zalesovo, BVAR Borovoye Array

BRVK Borovoye, CHZK Chkalovo

WRA Warramunga Arr, WRA Warramunga Arr

ASAR Alice Springs, ASAR Alice Springs

ASAR Alice Springs, KIV Kislovodsk

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, CTAO Charters Tower, BRTR Keskin Array, etc.

Bul 16:21:15:39.7, 11.18N, 140.49E, h14km, mb4.7
IDC 16:21:15:41.7, 0.9, 10.92N, 140.89E, h36km, mb4.2/13, mb1 4.3/13, mb1mx4.2/20, mbtm4.4/13, Error ellipse: s-maj=25.2km s-min=13.1km az=83.0

NEIC 16:21:14:1.6, 0.4, 10.88N, 140.80E, mb4.5/7, Error ellipse: s-maj=17.4km s-min=7.9km az=80.0

ISC 16:21:15:39.8-0.5, 10.84N, 0.07, 140.8E, 0.1, h38km, h38km, 1.1km, pP-P, n26, c104/25, mb4.3/18, 2D, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAO Charters Tower, WRAB Tennant Creek, etc.

IDC 16:21:20:37.0-3.4, 13.40N, 92.58E, mb3.6/3, mb1 3.7/4, mb1mx3.5/17, mbtm3.5/4, ML3.6/1, Error ellipse: s-maj=87.9km s-min=30.8km az=84.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, WRA Warramunga Arr, etc.

IDC 16:21:00:0.9-8, 11.49N, 140.93E, mb4.1/5, mb1 4.3/5, mb1mx3.9/18, mbtm4.1/5, Error ellipse: s-maj=298.6km s-min=54.6km az=178.0, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, ILAR Eielson Array, ARCES ARCES Array B, etc.

IDC 16:21:32:34.4-0.5, 10.90N, 141.08E, h41km, mb3.9/14, mb1 4.1/14, mb1mx4.0/21, mbtm4.2/14, Error ellipse: s-maj=24.1km s-min=11.0km az=83.0

NEIC 16:21:32:34.4-0.4, 10.85N, 141.04E, mb4.3/4, Error ellipse: s-maj=19.2km s-min=9.0km az=80.0

ISC 16:21:32:32.5-0.5, 10.81N, 0.08, 141.0E, 0.2, h24km, h42km, 1.4km, pP-P, n25, c085/22, mb4.2/16, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAO Charters Tower, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASAR 0.5nm, 0.5s, baz=20, sl=12, SNR=3.2, CMAR Chiang Mai Arr, STKA Stephens Creek, etc.

IDC 16:21:40:21.6-0.7, 10.86N, 141.12E, h34km, mb3.8/9, mb1 4.0/9, mb1mx3.9/18, mbtm4.0/9, Error ellipse: s-maj=26.8km s-min=15.5km az=96.0

NEIC 16:21:40:21.0-0.6, 10.86N, 141.11E, mb3.8/1, Error ellipse: s-maj=23.6km s-min=13.8km az=87.0

ISC 16:21:40:19.7-0.8, 10.8N, 0.1, 141.1E, 0.2, h32km, h32km, 0.9km, pP-P, n13, c091/12, mb3.9/10, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ARCES ARCES Array B, CMAR Chiang Mai Arr, etc.

IDC 16:22:02:02.0-2.0, 10.95N, 140.84E, h33km, mb4.0/9, mb1 4.1/9, mb1mx3.8/20, mbtm4.0/9, Error ellipse: s-maj=39.9km s-min=18.8km az=99.0

NEIC 16:22:02:02.1-0.5, 10.93N, 140.75E, mb4.2/2, Error ellipse: s-maj=33.2km s-min=12.8km az=95.0

ISC 16:22:02:00.3-0.7, 10.9N, 0.1, 140.8E, 0.3, h33km, h33km, 0.9km, pP-P, n13, c083/12, mb4.2/11, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ARCES ARCES Array B, CMAR Chiang Mai Arr, etc.

IDC 16:22:20:02.1-2.1, 12.23N, 141.47E, h42km, mb3.3/3, mb1 3.6/3, mb1mx3.3/18, mbtm3.5/3, Error ellipse: s-maj=323.8km s-min=21.4km az=107.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ARCES Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr, etc.

IDC 16:22:28:22.8-1.7, 7.69N, 93.36E, mb4.0/7, mb1 4.2/8, mb1mx3.9/19, mbtm4.0/8, ML4.0/1, Error ellipse: s-maj=91.7km s-min=20.4km az=57.0

NEIC 16:22:28:27.9-0.5, 7.80N, 93.56E, h30km, mb4.1/5, Error ellipse: s-maj=13.4km s-min=10.1km az=47.0

ISC 16:22:28:25.0-0.7, 7.8N, 0.1, 93.5E, 0.1, h30km, n15, c087/16, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, LSA Lhasa, etc.

IDC 16:22:36:54.7-1.2, 4.79N, 94.72E, mb3.9/7, mb1 4.1/8, mb1mx3.9/19, mbtm3.9/8, ML4.1/1, Error ellipse: s-maj=54.3km s-min=20.3km az=51.0

NEIC 16:22:36:58.6-0.9, 4.67N, 94.62E, h30km, mb4.3/5, Error ellipse: s-maj=26.7km s-min=13.6km az=61.0

ISC 16:22:36:57.5-0.9, 4.9N, 0.2, 94.9E, 0.2, h30km, n13, c052/13, mb4.1/12, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, ZAL Zalesovo, etc.

IDC 16:22:02:02.0-2.0, 10.95N, 140.84E, h33km, mb4.0/9, mb1 4.1/9, mb1mx3.8/20, mbtm4.0/9, Error ellipse: s-maj=39.9km s-min=18.8km az=99.0

NEIC 16:22:02:02.1-0.5, 10.93N, 140.75E, mb4.2/2, Error ellipse: s-maj=33.2km s-min=12.8km az=95.0

ISC 16:22:02:00.3-0.7, 10.9N, 0.1, 140.8E, 0.3, h33km, h33km, 0.9km, pP-P, n13, c083/12, mb4.2/11, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, ARCES Alice Springs, etc.

IDC 16:22:20:02.1-2.1, 12.23N, 141.47E, h42km, mb3.3/3, mb1 3.6/3, mb1mx3.3/18, mbtm3.5/3, Error ellipse: s-maj=323.8km s-min=21.4km az=107.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ARCES Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr, etc.

IDC 16:22:28:22.8-1.7, 7.69N, 93.36E, mb4.0/7, mb1 4.2/8, mb1mx3.9/19, mbtm4.0/8, ML4.0/1, Error ellipse: s-maj=91.7km s-min=20.4km az=57.0

NEIC 16:22:28:27.9-0.5, 7.80N, 93.56E, h30km, mb4.1/5, Error ellipse: s-maj=13.4km s-min=10.1km az=47.0

ISC 16:22:28:25.0-0.7, 7.8N, 0.1, 93.5E, 0.1, h30km, n15, c087/16, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, LSA Lhasa, etc.

IDC 16:22:36:54.7-1.2, 4.79N, 94.72E, mb3.9/7, mb1 4.1/8, mb1mx3.9/19, mbtm3.9/8, ML4.1/1, Error ellipse: s-maj=54.3km s-min=20.3km az=51.0

NEIC 16:22:36:58.6-0.9, 4.67N, 94.62E, h30km, mb4.3/5, Error ellipse: s-maj=26.7km s-min=13.6km az=61.0

ISC 16:22:36:57.5-0.9, 4.9N, 0.2, 94.9E, 0.2, h30km, n13, c052/13, mb4.1/12, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

Table with columns: CHKZ, CHkalovo, 52.52 342 eP, P, 22 46 10.0 -0.1, 3.8m, 0.7s, mb4.4

BRTR Keskin Array B 64.92 312 P P 22 47 35.9 -0.8
GERES GERS Array B 60.52 319 P P 22 49 08.8 +0.5

IDC 16:22:38:01.4, 0.9, 10.96N: 141.24E, h43km, 7km, mb3.4/5, mb1 3.6/5, mb1mx3.5/19, mbtmp3.7/5, Error ellipse: s-maj=39, 1km s-min=20.2km az=97.0

NEIC 16:22:39:01.3, 1.1, 10.95N: 141.21E, mb3.6/1, Error ellipse: s-maj=46.4km s-min=25.2km az=90.0

ISC 16:22:37:59.6, 1.1, 10.92N: 141.1E, 0.3, h44km, (h44km, 8km, pp-P), n7, 0:22/7, mb3.7/6, Western Caroline Islands

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

IDC 16:22:39:34.9, 0.8, 10.96N: 141.01E, h34km, 5km, mb3.6/7, mb1 3.8/7, mb1mx3.7/19, mbtmp3.8/7, Error ellipse: s-maj=35.9km s-min=17.5km az=91.0

NEIC 16:22:39:35.1, 0.7, 10.91N: 140.92E, mb4.1/1, Error ellipse: s-maj=36.9km s-min=16.8km az=88.0

ISC 16:22:39:03.0, 0.9, 10.92N: 140.95E, 0.3, h35km, h35km, 1.2km, pp-P, n10, 0:09/9, mb3.8/8, Western Caroline Islands

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

IDC 16:22:40:36.0, 1.5, 15.86S: 174.10W, mb4.0/6, mb1 4.3/6, mb1mx4.1/13, mbtmp4.0/6, Error ellipse: s-maj=109.2km s-min=21.5km az=149.0

NEIC 16:22:40:51.9, 1.7, 16.01S: 174.16W, h133km, 13km, mb4.0/2, Error ellipse: s-maj=73.0km s-min=12.1km az=148.0

ISC 16:22:40:50.0, 2.1, 15.85S: 0.6: 174.3W, 0.4, h126km, 17km, n9, 0:08/10, mb3.9/8, 1C, Tonga Islands

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

IDC 16:22:42:32.9, 36.71N: 11.76W, MG4.2(MDD), After MDD. INMG 16:22:42:34.3, 0.7, 36.68N: 11.83W, h10km, MD2.7, ML2.5, Error ellipse: s-maj=3.7km s-min=2.0km az=70.0

IGIL 16:22:42:34.1, 36.70N: 11.80W, h0km, ML2.9

CSEM 16:22:42:34.6, 0.3, 36.70N: 11.80W, h40km, ML3.5/13, Error ellipse: s-maj=5.4km s-min=3.4km az=63.0

MDD 16:22:42:32.9, 1.7, 36.68N: 11.76W, mblg3.0/20, Error ellipse: s-maj=15.0km s-min=11.6km az=55.0, PRXIMO, Azores-Cape St. Vincent Ridge

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

NEIC 16:22:42:32.9, 36.71N: 11.76W, MG4.2(MDD), After MDD. INMG 16:22:42:34.3, 0.7, 36.68N: 11.83W, h10km, MD2.7, ML2.5, Error ellipse: s-maj=3.7km s-min=2.0km az=70.0

IGIL 16:22:42:34.1, 36.70N: 11.80W, h0km, ML2.9

CSEM 16:22:42:34.6, 0.3, 36.70N: 11.80W, h40km, ML3.5/13, Error ellipse: s-maj=5.4km s-min=3.4km az=63.0

MDD 16:22:42:32.9, 1.7, 36.68N: 11.76W, mblg3.0/20, Error ellipse: s-maj=15.0km s-min=11.6km az=55.0, PRXIMO, Azores-Cape St. Vincent Ridge

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

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, ISC

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, ISC

IDC 16:22:47:24.7, 0.4, 8.72N: 93.73E, mb4.9/23, mb1 5.0/24, mb1mx4.9/26, mbtmp4.8/24, ML5.1/1, Error ellipse: s-maj=22.4km s-min=11.3km az=49.0

BUI 16:22:47:27.9, 8.41N: 93.48E, h48km, mb5.2, mb4.8, Ms4.9, Ms2.7

MOS 16:22:47:28.3, 0.8, 8.76N: 93.57E, h33km, mb5.2/57, Error ellipse: s-maj=10.8km s-min=4.7km az=124.0

NEIC 16:22:47:29.1, 0.1, 8.66N: 93.62E, h30km, mb5.0/73, MS4.9/2, Error ellipse: s-maj=5.8km s-min=3.8km az=220.0

ISC 16:22:47:27.3, 0.2, 8.61N: 0.03: 93.63E, 0.03, h31km, h31km, 2.6km, pp-P, n297, 0:09/302, mb4.9/110, MS4.8/7, 19C-21D, Nicobar Islands region

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

16d 22h

XAN	comp=Z,8.0nm,0.8s,mb5.5	AMB	AMB				
NJ2	Nanjing	37.05	42	eP	P	22 54 02.0	-0.4
NJ2				AP	pP	22 54 11.4	-0.1
NJ2				PP	PP	22 55 12.8	-0.6
NJ2				S	AMB	22 59 17.0	-1.1
NJ2	comp=Z,20nm,0.5s,mb5.3			AMB	AMB		
NJ2	comp=Z,60nm,4.2s			AMB	AMB		
NJ2	comp=N,4um,21.6s			LR	LR		
NJ2	comp=E,3um,15.8s			LR	LR		
NJ2	comp=Z,3um,23.5s,MS4.9			LR	LR		
SSE	Sheshan	34.06	45	eP	P	22 54 09.4	-1.8
SSE	comp=Z,34nm,0.7s,mb5.4			eP	AMB		
SSE	comp=Z,302nm,5.6s			AMB	AMB		
WMO	Urumqi	35.46	353	P	P	22 54 23.4	+0.4
WMO				AP	pP	22 54 33.1	+1.0
WMO				XP	PP	22 54 37.0	+1.0
WMO				PP	PP	22 55 43.5	+0.3
WMO				S	S	22 59 55.1	-0.2
WMO	comp=Z,6.0nm,0.9s,mb4.5			AMB	AMB		
WMO	comp=Z,55nm,4.8s			AMB	AMB		
WMO	comp=N,1um,19.3s,MS4.9			LR	LR		
WMO	comp=E,1um,19.9s,MS4.9			LR	LR		
WMO	comp=Z,2um,20.0s,MS4.9			LR	LR		
KZA	Kyzart	37.07	337	P	P	22 54 37.5	+0.9
BJT	Bajijiatuau	37.19	29	eP	P	22 54 39.3	+1.7
BJT				pmax	pmax		
BJT	comp=Z,7.0nm,0.8s						
BJT	Bajijiatuau	37.19	29	eP	P	22 54 39.3	+1.7
UCH	Uchtor	37.48	336	P	P	22 54 40.1	+1.0
BSY	Bisyay	37.66	296	PP	P	22 54 45.0	+3.3
TKM2	Tokmak 2	37.66	338	P	P	22 54 42.1	+0.5
KBK	Karagaybulak	37.68	337	P	P	22 54 42.8	+1.1
AHL	Almayashu	37.73	336	P	P	22 54 43.4	+1.2
MOQ	Hoqain	37.80	298	PP	P	22 54 46.0	+3.1
AAK	Ala-Archa	37.84	337	P	P	22 54 44.1	+1.0
AAK	Ala-Archa	37.84	337	eP	P	22 54 42.9	-0.1
AAK				pmax	pmax		
AAK	comp=Z,31nm,0.9s,mb5.0						
AAK	Ala-Archa	37.84	337	eP	P	22 54 42.9	-0.1
FRU	Bishkek	37.96	337	eP	P	22 54 45.0	+1.0
CHMS	Chumysh	38.05	337	P	P	22 54 45.0	+0.2
EKS2	Erkin-Say	38.14	336	P	P	22 54 46.7	+1.1
USP	Ospenovka	38.37	337	P	P	22 54 47.9	+0.4
MBWA	Marble Bar	39.15	139	eP	P	22 54 53.8	-0.4
MKAR	Makanchi Array	39.27	348	iP	P	22 54 54.4	-0.6
MKAR				pmax	pmax		
MKAR	comp=Z,19nm,1.0s						
WHFO	Wadi Hawi	39.81	288	PP	P	22 55 02.2	+2.4
ABTO	Aybut	40.18	287	PP	P	22 55 05.3	+2.5
SONM	Songino Array	40.56	13	P	P	22 55 05.9	+0.2
SONM	comp=Z,15nm,1.1s,mb4.6,baz=20,slo=6.5,SNR=58						
SONM	comp=Z,3.4nm,0.7s,baz=21.4,slo=4.5,SNR=7.1						
ULN	Ulaanbaatar	40.75	14	eP	P	22 55 07.3	+0.2
ULN	comp=Z,9.0nm,0.8s,mb4.5						
ULN	comp=Z,2um,20.0s,MS5.0			MLR	MLR		
ULN	comp=Z,9.4nm,0.8s,mb4.5						
ULN	comp=Z,2um,20.0s,MS5.0			LR	LR		
SNY	Shenyang	42.34	34	PP	P	22 55 22.8	+2.5
ZAK	Zakamensk	42.41	91	eP	P	22 55 19.8	-1.0
ZAK				e	e	22 57 14.3	
TLY	Talaya	43.73	9	eP	P	22 55 32.1	+0.7
TLY				pmax	pmax		
TLY	comp=Z,5.0nm,0.8s,mb4.3						
TLY	Talaya	43.73	9	eP	P	22 55 32.1	+0.7
ZAL	Zalesovo	45.76	353	P	P	22 55 48.3	+0.6
MUN	Mundaring	45.76	153	eP	P	22 55 49.3	+1.2
MUN	comp=Z,39nm,0.9s,mb5.3						
MUN	Mundaring	45.76	153	eP	P	22 55 49.3	+1.2
MUN				pmax	pmax		
HIA	Hailar	46.05	24	eP	P	22 55 50.2	+0.1
HIA				pmax	pmax		
HIA	comp=Z,21nm,0.8s						
HIA	Hailar	46.05	24	eP	P	22 55 50.2	+0.1
NVS	Novosibirsk	46.85	352	eP	P	22 55 54.8	-1.5
NVS				pmax	pmax		
NVS	comp=N,23nm,1.4s						
NVS	comp=E,16nm,1.4s						
NVS	comp=Z,44nm,1.4s,mb5.2						
NWAO	Narrogin (SRO)	47.03	153	eP	P	22 55 58.6	+0.6
NWAO				e	pP	22 56 09.4	+2.1
NWAO				e	pmax		
NWAO	comp=Z,34nm,0.9s						
NWAO	Narrogin (SRO)	47.03	153	P	P	22 55 58.7	+0.6
NWAO	comp=Z,41nm,0.9s,mb4.7,baz=328,slo=10.0,SNR=19						
NWAO	Narrogin (SRO)	47.03	153	eP	P	22 55 58.6	+0.6
NWAO	comp=Z,34nm,0.9s,mb5.3						
MDJ	Mudanjiang	47.49	35	eP	P	22 56 00.1	-1.4
MDJ				PP	PP	22 57 50.6	-1.6
MDJ				SC	PP	23 01 22.0	
MDJ				PCS	PP	23 01 25.8	
MDJ				S	S	23 02 53.3	+0.1
MDJ				SS	SS	23 05 51.9	+1.7
MDJ				SS	SS	23 06 21.1	+6.3
MDJ	comp=Z,8.0nm,1.4s,mb4.5			AMB	AMB		
MDJ	comp=N,454nm,27.8s,MS4.5			LR	LR		
MDJ	comp=E,549nm,24.3s,MS4.5			LR	LR		
BVAO	Borovoye Array	48.14	341	P	P	22 56 05.5	-0.9
BVAO				pmax	pmax		
BVAO	comp=Z,1.0nm,0.8s,mb3.9						
BVAO	Borovoye Array	48.14	341	P	P	22 56 05.4	-1.1
BRVK	Borovoye	48.20	341	eP	P	22 56 05.2	-1.7
BRVK				pmax	pmax		
BRVK	comp=Z,5.0nm,0.6s,mb4.7						
BRVK	Borovoye	48.20	341	eP	P	22 56 05.2	-1.8
RAYN	Ar Rayn	48.33	294	P	P	22 56 10.5	+2.2
CHKZ	Chkalovo	48.62	342	eP	P	22 56 09.5	-0.7
CHKZ				e	e	22 57 35.0	
CHKZ				pmax	pmax		
CHKZ	comp=Z,20nm,0.7s,mb5.3						
CHKZ	Chkalovo	48.62	342	eP	P	22 56 09.5	-0.7
CHKZ	comp=Z,20nm,0.7s,mb5.3						
CHKZ				eP	P	22 57 35.0	-0.7
CHKZ				P	P	22 57 37.8	+0.3
WRA	Warramunga Arr	49.10	126	P	P	22 56 13.5	-0.8
WRAB	Tennant Creek	49.10	126	eP	P	22 56 13.5	-0.8

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WRAB				e		22 57 37.6	
WRAB				pmax	pmax		
WRAB	comp=Z,12nm,0.6s,mb5.1			MLR	MLR		
WRAB	Tennant Creek	49.10	126	eP	P	22 56 13.5	-0.9
WRAB	comp=Z,12nm,0.6s,mb5.1						
WRAB				eP	P	22 57 37.6	-0.3
WRAB				LR	LR		
WB2	Warramunga Arr	49.11	126	iP	P	22 56 13.7	-0.7
ASPA	Alice Springs	50.77	130	eP	P	22 56 25.5	-1.5
ASAR	Alice Springs	50.77	130	eP	P	22 56 26.0	-1.1
ASAR	comp=Z,8.0nm,0.6s,mb4.8,baz=302,slo=6.9,SNR=92						
ASAR	comp=Z,4.6nm,0.7s,baz=306,slo=3.6,SNR=12						
BOD	Boadibo	51.56	14	eP	P	22 56 31.6	-1.0
GNI	Garni	53.57	314	eP	P	22 56 46.9	-0.9
GNI				pmax	pmax		
GNI	comp=Z,16nm,0.8s						
GNI	Garni	53.57	314	eP	P	22 56 46.9	-0.9
ARU	Arti	55.02	337	iP	P	22 56 53.0	-5.3
ARU				ePPP	PPP	23 00 08.3	-7.5
ARU				eS	S	23 04 32.1	-4.5
ARU				pmax	pmax		
ARU	comp=Z,17nm,0.8s,mb5.1						
ZEI	Tsey	55.16	317	eP	P	22 56 59.0	-0.5
ZEI				i/PP	P	22 57 05.3	-3.6
ZEI				i	S	22 59 04.4	
ZEI				i/S	S	23 04 32.3	-6.3
ZEI				pmax	pmax		
PMG	Port Moresby	56.23	107	P	P	22 57 08.0	+0.5
KIV	Kislovodsk	56.44	318	P	P	22 57 08.8	+0.2
KIV	comp=Z,205nm,0.9s,SNR=12						
KIV	Kislovodsk	56.44	318	eP	P	22 57 07.8	-0.8
KIV				pmax	pmax		
KIV	comp=Z,31nm,0.9s,mb5.3						
KIV	Kislovodsk	56.44	318	eP	P	22 57 07.8	-0.8
YSS	Yuzh-Sakhalins	56.52	38	iP	P	22 57 09.4	+0.2
YSS				pmax	pmax		
GOF	Gofitskoye	56.65	319	eP	P	22 57 09.0	-1.1
GOF				pmax	pmax		
GOF	comp=Z,40nm,1.1s,mb5.4						
KMBO	Kilima Mbogo	57.01	263	P	P	22 57 13.3	+0.2
KMBO				pmax	pmax		
KMBO	comp=Z,3.0nm,0.8s						
KMBO	Kilima Mbogo	57.01	263	P	P	22 57 15.2	+2.1
KMBO	comp=Z,1.3nm,0.6s,mb4.2,baz=51,slo=16,SNR=2.6						
KMBO	Kilima Mbogo	57.01	263	P	P	22 57 13.3	+0.2
KMBO	comp=Z,3.3nm,0.8s,mb4.4						
ASF	Jabal al Asfar	57.40	303	P	P	22 57 16.6	+1.0
ASF	comp=Z,7.9nm,0.9s,mb4.7,baz=360,slo=9.0,SNR=6.4						
MALT	Malatya	57.61	310	eP	P	22 57 16.0	-1.0
MALT				pmax	pmax		
MALT	comp=Z,15nm,1.1s,mb4.9						
MALT	Malatya	57.61	310	eP	P	22 57 16.0	-1.0
MALT	comp=Z,15nm,1.1s,mb4.9						
SOC	Sochi	58.50	316	eP	P	22 57 16.0	-5.8
SOC				e	e	22 58 07.7	
SOC				eS	S	22 59 28.5	
SOC				S	S	23 05 15.7	-4.5
SOC				pmax	pmax		
SOC	comp=Z,20nm,1.0s,mb5.1						
SOC				pmax	pmax		
SOC	comp=N,7.0nm,1.1s						
SOC	comp=E,3.0nm,0.8s						
SOC	comp=Z,406nm,17.0s,MS4.6			MLR	MLR		
SOC				MLR	MLR		
SOC	comp=N,370nm,22.0s,MS4.6			MLR	MLR		
SOC				MLR	MLR		
SOC	comp=E,251nm,19.0s,MS4.6						
EIL	Eilat	58.63	299	eP	P	22 57 22.9	-1.3
CTA	Charters Tower	59.11	119	eP	P	22 57 28.2	+0.5
CTA	Charters Tower	59.11	119	eP	P	22 57 28.2	+0.5
CTA				pmax	pmax		
CTA	comp=Z,7.0nm,0.4s						
CTAO	Charters Tower	59.11	119	eP	P	22 57 27.8	+0.1
CTAO				pmax	pmax		
CTAO	comp=Z,3.0nm,0.6s,mb4.5						
CTAO	Charters Tower	59.11	119	eP	P	22 57 27.8	+0.1
CTAO	comp=Z,2.6nm,0.6s,mb4.4						
YAK	Yakutsk	59.47	19	eP	P	22 57 28.6	-1.0
YAK				pmax	pmax		
YAK	comp=Z,70nm,0.8s,mb5.7						
YAK	Yakutsk	59.47	19	eP	P	22 57 28.6	-1.0
YAK	comp=Z,70nm,0.8s,mb5.7						
STKA	Stevens Creek	60.98	134	P	P		

BUI 16 22:58:24.5, 5.00N-94.50E, h50km, mb4.8
NEIC 16 22:58:25.0, 4.5, 0.2N, 94.45E, mb4.7/10, Error ellipse:
s-maj=13.5km s-min=8.9km az=222.0
IDC 16 22:58:26.1, 0.8, 5.09N-94.59E, h50km, mb4.2/8,
mb1 4.5/9, mb1mx4.1/18, mbtmp4.5/9, Error ellipse:
s-maj=30.5km s-min=15.4km az=52.0
ISC 16 22:58:23.5, 0.5, 5.05N, 0.08-94.47E, 0.08, h50km,
h50km, 1.7km, pP-P, n36, s1500/33, mb4.7/21, 2D, Northern
Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

IDC 16 23:26:31.5, 1.5, 5.54N-94.47E, mb3.9/6, mb1 4.1/7,
mb1mx3.9/19, mbtmp3.9/7, ML4.1/1, Error ellipse:
s-maj=67.1km s-min=26.9km az=55.0
NEIC 16 23:26:35.0, 0.5, 5.7N-94.57E, h30km, mb4.4/5, Error
ellipse: s-maj=28.2km s-min=9.5km az=68.0
ISC 16 23:26:33.9, 0.7, 5.6N, 0.1-94.6E, 0.2, h30km, n12,
e063/12, mb4.0/10, Northern Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

IDC 16 23:53:55.3, 1.8, 11.82N-92.87E, mb3.4/3, mb1 3.7/4,
mb1mx3.5/18, mbtmp3.5/4, ML3.8/1, Error ellipse:
s-maj=47.3km s-min=33.7km az=58.0
ISC 16 23:53:53.9, 0.9, 11.72N, 0.08-92.8E, 0.1, h10km, n8,
e089/9, mb3.4/3, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

GERES GERESS Array B 74.12 318 P P 00 05 33.4 +1.1
0.2m, 0.7s, mb3.2, bazz=112, slow=5.3, SNR=3.7
IDC 17 00:12:06.6, 46.0, 15.19S-176.59W, mb4.4/3, mb1 4.6/3,
mb1mx3.8/13, mbtmp4.4/3, 1D, Error ellipse:
s-maj=867.0km s-min=157.1km az=76.0, Fiji Islands
region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

IDC 17 00:25:02.6, 0.8, 7.04N-82.26W, mb4.3/12, mb1 4.5/14,
mb1mx4.3/22, mbtmp4.3/14, MS3.9/6, Ms1 3.9/6,
ms1mx3.4/25, Error ellipse: s-maj=28.3km s-min=15.5km
az=46.0
BUI 17 00:25:04.4, 7.10N-82.30W, h10km, mb4.6, Ms5.1, Msz4.9
CASC 17 00:25:04.0, 2.4, 6.90N-82.38W, h20km, 41km, MD4.3,
MW4.8, mb5.0(NEIC)
NEIC 17 00:25:04.5, 0.4, 7.06N-82.26W, h10km, mb4.7/20, Error
ellipse: s-maj=13.6km s-min=5.6km az=53.0
ISC 17 00:25:03.1, 2.1, 6.93N, 0.04-82.32W, 0.04, h18km, n9,
n2, e122/92, mb4.5/29, MS4.2/9, 13C-8D, South of
Panama

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

IDC 17 00:36:10.2, 5.10N-94.20E, h46km, mb5.3, mb5.1, Ms4.4,
Msz4.1
MOS 17 00:36:11.6, 1.2, 5.47N-94.33E, h33km, mb5.1/33, Error
ellipse: s-maj=11.2km s-min=8.0km az=117.0
IDC 17 00:36:15.0, 6.5, 5.32N-94.27E, h46km, mb4.5/18,
mb1 4.6/19, mb1mx4.5/22, mbtmp4.7/19, MS4.1/6,
Ms1 4.1/6, ms1mx3.7/30, Error ellipse: s-maj=19.5km
s-min=10.6km az=47.0
NEIC 17 00:36:15.4, 0.2, 5.49N-94.30E, mb4.8/32, Error ellipse:
s-maj=7.7km s-min=4.6km az=223.0
ISC 17 00:36:13.6, 0.3, 5.52N, 0.04-94.34E, 0.04, h46km,
h46km, 1.4km, pP-P, n156, e108/159, mb4.9/67, MS4.2/9,
15C-4D, Northern Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

BUI 17 00:36:10.2, 5.10N-94.20E, h46km, mb5.3, mb5.1, Ms4.4,
Msz4.1
MOS 17 00:36:11.6, 1.2, 5.47N-94.33E, h33km, mb5.1/33, Error
ellipse: s-maj=11.2km s-min=8.0km az=117.0
IDC 17 00:36:15.0, 6.5, 5.32N-94.27E, h46km, mb4.5/18,
mb1 4.6/19, mb1mx4.5/22, mbtmp4.7/19, MS4.1/6,
Ms1 4.1/6, ms1mx3.7/30, Error ellipse: s-maj=19.5km
s-min=10.6km az=47.0
NEIC 17 00:36:15.4, 0.2, 5.49N-94.30E, mb4.8/32, Error ellipse:
s-maj=7.7km s-min=4.6km az=223.0
ISC 17 00:36:13.6, 0.3, 5.52N, 0.04-94.34E, 0.04, h46km,
h46km, 1.4km, pP-P, n156, e108/159, mb4.9/67, MS4.2/9,
15C-4D, Northern Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Panska Ves, Ostrava-Krasne, Cervenica-Dubn, etc.

NEIC 17 00:51:36.2.7, 11.45N-139.15E, mb3.6/3, mb1 4.0/3, mb1mx3.7/13, mbtmp3.8/3, Error ellipse: s-maj=308.3km s-min=32.3km az=105.0, Western Caroline Islands

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

NEIC 17 00:54:02.4.1, 9.46N-140.58E, h10km, mb3.9/1, Error ellipse: s-maj=97.5km s-min=28.3km az=37.0

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

NEIC 17 00:54:11.3.0.6, 31.96S-71.39W, h43km, MD3.7(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Illapel, Petorca, Combarbala, etc.

NEIC 17 00:54:34.3.0.8, 10.94N-141.04E, h38km, mb3.9/11, mb1 4.1/11, mb1mx4.0/20, mbtmp4.1/11, Error ellipse: s-maj=23.6km s-min=18.8km az=93.0

NEIC 17 00:54:34.3.0.5, 10.88N-140.98E, mb4.5/6, Error ellipse: s-maj=20.6km s-min=11.7km az=88.0

ISC 17 00:54:32.2.0.6, 10.84N-140.99E, h40km, mb3.9/11, h37km, h37km, 9km, pp-P, n22, 01/05/20, mb4.2/16, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Tennant Creek, Warramunga Arr, Alice Springs, etc.

MEX 17 00:55:19.2.0.8, 16.01N-98.35W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PNIQ, PNHG, Vista Hermosa, etc.

ISC 17 00:55:27.8.1.1, 3.42S-135.67E, mb3.9/5, mb1 4.1/7, mb1mx4.0/13, mbtmp4.0/7, ML4.2/2, Error ellipse: s-maj=54.4km s-min=21.4km az=75.0

NEIC 17 00:55:29.6.0.8, 3.51S-135.34E, h10km, mb3.8/2, Error ellipse: s-maj=24.5km s-min=11.5km az=86.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Kakadu, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Combarbala, Petorca, Cerro Calan, etc.

ISC 17 00:59:40.1.0.8, 10.89N-140.98E, h40km, mb3.8/11, mb1 4.0/11, mb1mx3.9/20, mbtmp4.0/11, Error ellipse: s-maj=28.2km s-min=17.0km az=87.0

NEIC 17 00:59:40.1.0.6, 10.90N-140.98E, mb4.0/2, Error ellipse: s-maj=24.7km s-min=12.7km az=84.0

ISC 17 00:59:38.2.0.6, 10.85N-140.10E, h40km, h40km, 6km, pp-P, n16, 01/03/15, mb4.0/12, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PMG, CTAO, WRA, etc.

ISC 17 01:07:15.0.0.8, 10.91N-140.87E, h41km, mb3.9/10, mb1 4.1/10, mb1mx4.0/19, mbtmp4.2/10, MS4.0/3, MS1 4.0/3, ms1mx3.2/25, Error ellipse: s-maj=32.5km

NEIC 17 01:07:15.2.0.4, 10.90N-140.88E, mb4.4/7, Error ellipse: s-maj=21.9km s-min=7.9km az=86.0

ISC 17 01:07:13.2.0.5, 10.87N-140.07E, h42km, h42km, 1.7km, pp-P, n22, 01/09/21, mb4.2/15, MS4.0/3, 2C, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PMG, CTAO, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like RES, ARCES, etc.

Table with columns: FINES, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Fines Array B, LPaz, etc.

IDC 17 01:14:24.8-2.5, 12.93N, 140.75E, mb3.5/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.8/3, Error ellipse: s-maj=354.1km s-min=24.7km az=107.0, Western

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, ILAR, YKA.

IDC 17 01:16:51.4-0.8, 10.35N, 142.88E, mb4.0/8, mb1 4.2/8, mb1mx4.0/19, mbtmp4.0/8, Error ellipse: s-maj=41.8km s-min=20.5km az=94.0

NEIC 17 01:16:57.2-0.5, 10.29N, 142.84E, h40km, mb4.5/1, Error ellipse: s-maj=26.4km s-min=11.5km az=94.0

ISC 17 01:16:55.6-0.8, 10.3N, 0.1, 142.7E, 0.3, h40km, n14, c078/12, mb4.1/9, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRAB, WRA, ASAR, SONM, CHZK, BVAR, ILAR, YKA.

IDC 17 01:16:51.4-0.8, 10.35N, 142.88E, mb4.0/8, mb1 4.2/8, mb1mx4.0/19, mbtmp4.0/8, Error ellipse: s-maj=41.8km s-min=20.5km az=94.0

NEIC 17 01:16:57.2-0.5, 10.29N, 142.84E, h40km, mb4.5/1, Error ellipse: s-maj=26.4km s-min=11.5km az=94.0

ISC 17 01:16:55.6-0.8, 10.3N, 0.1, 142.7E, 0.3, h40km, n14, c078/12, mb4.1/9, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRAB, WRA, ASAR, SONM, CHZK, BVAR, ILAR, YKA.

NIED 17 01:44:00.41, 80N, 144.10E, h23km, Mw3.7, Best double couple: Mo4.12x10^14 NP1.071, 0.633, 1.022. NP2.0226, 0.29, 1.68

IDC 17 01:44:45.4-4.4, 4.1, 78N, 143.93E, mb3.9/5, mb1 4.1/5, mb1mx3.7/21, mbtmp3.9/5, Error ellipse: s-maj=112.5km s-min=34.1km az=179.0

JMA 17 01:44:49.9-0.2, 4.1, 81N, 144.09E, h40km, M3.6, NEIC 17 01:44:52.7-2.8, 4.1, 89N, 143.90E, h50km, mb4.0/1, Error ellipse: s-maj=76.4km s-min=20.1km az=179.0

ISC 17 01:44:50.9-1.7, 4.1, 91N, 0.1, 144.1E, 0.1, h50km, 11km, n15, c065/18, mb3.9/6, Hokkaido Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JEM, JCH, JNBK, JAK, JAR, JB72, JFR, JNK, JNK, ZAL, ILAR, CHZK, INK, INK, FINES, TXAR.

IDC 17 02:02:25.4-1.4, 7.77N, 93.63E, mb3.9/7, mb1 4.0/8, mb1mx3.8/19, mbtmp3.8/8, Error ellipse: s-maj=46.8km s-min=26.7km az=55.0

NEIC 17 02:02:29.6-1.0, 7.77N, 93.44E, h30km, mb4.2/2, Error ellipse: s-maj=20.5km s-min=10.8km az=165.0

ISC 17 02:02:27.3-1.1, 7.6N, 0.1, 93.38E, 0.08, h30km, n17, c098/17, mb4.1/15, Nicobar Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR, PALK, JIRN, PKI, DMN, KKN, GKN, LSA, KOLN, SONM, ZAL, WRA, BVAR, CHZK, FINES, ARCES, GERES.

IDC 17 02:14:45.8-2.7, 49.05S, 124.64E, mb3.8/3, mb1 4.0/3, mb1mx3.8/9, mbtmp3.8/3, Error ellipse: s-maj=116.1km s-min=26.7km az=98.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, ASAR, Vnda, BVAR, CHZK, FINES, ARCES, GERES.

IDC 17 02:14:45.8-2.7, 49.05S, 124.64E, mb3.8/3, mb1 4.0/3, mb1mx3.8/9, mbtmp3.8/3, Error ellipse: s-maj=116.1km s-min=26.7km az=98.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, ASAR, Vnda, BVAR, CHZK, FINES, ARCES, GERES.

0.6nm, 0.7s, baz=269, slow=3.5, SNR=17
IDC 17 02:16:36.0-3.2, 13.79N, 142.22E, mb3.5/3, mb1 3.8/3, mb1mx3.5/18, mbtmp3.5/3, Error ellipse: s-maj=508.6km s-min=31.4km az=108.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, ILAR, YKA.

IDC 17 02:19:17.1-1.4, 59.32S, 148.35E, mb4.3/5, mb1 4.4/6, mb1mx4.1/12, mbtmp4.2/6, ML3.4/1, MS4.6/10, Ms1 4.6/10, ms1mx4.1/19, Error ellipse: s-maj=104.4km s-min=19.6km az=85.0

NEIC 17 02:19:18.3-0.5, 59.33S, 148.64E, h10km, mb4.5/5, Error ellipse: s-maj=34.8km s-min=7.7km az=81.0

ISC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

NEIC 17 02:19:18.3-0.5, 59.33S, 148.64E, h10km, mb4.5/5, Error ellipse: s-maj=34.8km s-min=7.7km az=81.0

ISC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

NEIC 17 02:19:18.3-0.5, 59.33S, 148.64E, h10km, mb4.5/5, Error ellipse: s-maj=34.8km s-min=7.7km az=81.0

ISC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

NEIC 17 02:19:18.3-0.5, 59.33S, 148.64E, h10km, mb4.5/5, Error ellipse: s-maj=34.8km s-min=7.7km az=81.0

ISC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

NEIC 17 02:19:18.3-0.5, 59.33S, 148.64E, h10km, mb4.5/5, Error ellipse: s-maj=34.8km s-min=7.7km az=81.0

ISC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAU, Vnda, Vnda, SBA, RPZ, URZ, STKA, STKA, MAW, ASAR, ASAR.

Table with columns: BLSPL, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Pallekele, Hyderabad, etc.

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

IDC 17 02:19:16.4-0.7, 59.37S, 0.09, 148.6E, 0.7, h10km, n23, c064/13, mb4.2/7, MS4.5/9, West of Macquarie Island

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

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

Table with columns: IYK, Inuvik, 72.94 10 eP, Pn, 03 04 52.8 0.0, 4.4nm, 1.3s, mb4.0, YKA, Yellowknife Ar, 80.36 3 P, P, 03 05 33.9 -0.1, 0.1nm, 0.4s, mb2.8, baz=351, slow=5.3, SNR=4.8

BUI 17 02:54:37.1, 13.49N, 92.25E, h23km, mb4.9, mb5.0, Ms4.5, Ms4.3
MOS 17 02:54:40.5, 2.4, 13.71N, 92.19E, h33km, mb5.3/14, Error ellipse: s-maj=19.6km s-min=10.1km az=108.1
IDC 17 02:54:42.7, 1.7, 14.33N, 92.06E, mb4.5/5, mb1 4.6/6, mb1mx4.3/19, mbtmp4.4/6, ML4.0/1, Error ellipse: s-maj=53.2km s-min=22.2km az=66.0
NEIC 17 02:54:46.2, 0.6, 14.34N, 92.09E, mb4.9/10, Error ellipse: s-maj=17.7km s-min=7.6km az=60.0
ISC 17 02:54:41.7, 3.0, 14.38N, 0.08, 92.20E, 0.05, h5km, 18km, n43, o123/55, mb4.9/19, MS4.5/1, 2D, Andaman Islands region 1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CMAR Chiang Mai Arr, 7.64 57 Pn, 02 56 38.1 +1.7, CHRT Chiangrai, 9.07 52 PG, VIS Vishakhapatnam, 9.14 292 eP, VIS comp=Z, 66nm, 1.3s, VIS Shillong, 11.13 359 eS, BLSP Bilaspur, 12.27 310 eP, VIS comp=Z, 23nm, 0.4s, BLSP Hyderabad, 13.46 285 eS, HYB Nagpur, 14.21 300 eP, NGP Jiri, 14.34 338 eP, PKI Pulchoki, 14.56 335 eP, DMN Damam, 14.72 334 eP, KKN Kakani, 14.81 335 eP, GKN Gorkha, 15.27 334 eP, LSA Lhasa, 15.27 357 eP, KOLN Koldanda, 15.54 330 eP, BHPL Bhopal, 16.51 304 eP, BHPL Karad, 17.57 282 eP, POO Poona, 18.07 286 eP, NDI New Delhi, 19.88 318 eP, LZH Lanzhou, 24.00 24 eP, LZH comp=Z, 39nm, 1.3s, mb4.7, LZH comp=Z, 157nm, 5.2s, LZH comp=E, 956nm, 13.1s, XAN Xi'an, 24.74 35 P, AAK Ala-Archa, 32.02 335 P, AAK Ala-Archa, 32.02 335 P, SONM Songino Array, 35.38 17 P, SONM Ulaanbaatar, 35.59 17 iP, ULN Ulaanbaatar, 35.59 17 eP, KURK Kurchatov, 37.87 346 eP, BVAR Borovoye Array, 42.25 341 P, BRVK Borovoye, 42.31 340 P, CHKZ Chkalovo, 42.73 341 eP, CHKZ Chkalovo, 42.73 341 eP, CHKZ Fitzroy Crossi, 46.15 133 eP, BOD Bodoabo, 46.37 16 eP, KAKA Kakadu, 48.10 122 eP, SVE Sverdlouvs, 48.69 337 eP, ARU Arti, 49.19 336 eP, WRA Warramunga Arr, 53.68 128 P, WRA Tennant Creek, 53.69 128 eP, ASAR Alice Springs, 55.61 132 P, MOS Moscow, 58.58 327 eP, OBN Obninsk, 58.91 326 eP, VRI Vriocriaia, 62.76 314 iP, CTA Charters Tower, 63.24 122 eP, CTA Charters Tower, 63.24 122 eP, MLR Muntele Rosu, 63.26 314 iP, JOF Joazeiro, 64.19 334 eP, KOLS Kolonic sedl, 66.11 317 eP

NEIC 17 02:55:17.9, 1.2, 17.30S, 177.65W, h37km, 13km, mb3.9/7, Error ellipse: s-maj=17.0km s-min=9.8km az=145.0
IDC 17 02:55:20.1, 5.9, 17.47S, 177.65W, h39km, 6km, mb3.5/9, mb1 3.7/9, mb1mx3.6/15, mbtmp4.3/9, Error ellipse: s-maj=24.0km s-min=20.0km az=32.0
ISC 17 02:55:16.1, 1.1, 17.45S, 177.7W, 0.1, h357km, 14km, n43, o574/24, mb3.9/14, FCJ Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AFZ Afiamalu, 6.66 60 eP, UFI Urewera, 21.29 191 P, CTA Charters Tower, 34.21 260 eP, CTA Charters Tower, 34.21 260 eP, PMG Port Moresby, 35.26 278 P, PMG Port Moresby, 35.26 278 P, TOO Toolangi, 38.03 231 eP, STKA Stephens Creek, 39.48 241 P, STKA Stephens Creek, 39.48 241 P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, 45.40 259 eP, WRA Warramunga Arr, 45.40 259 P, ASAR Alice Springs, 45.59 254 eP, ASPA Alice Springs, 45.65 254 eP, SBA Scott Base, 60.98 184 eP, VNDA Vanda, 61.02 185 P, QSPA South Pole Qui, 71.26 180 iP, NVAR Nihoa Array, 78.58 44 P, HLID Halley, 83.79 41 eP, TXAR Lajitas Array, 85.14 57 P, TXAR Lajitas Array, 85.14 57 P, ILAR Eielson Array, 85.23 13 P, ILAR Eielson Array, 85.23 13 P, ILAR Eielson Array, 85.23 13 P, BVAR Borovoye Array, 116.88 321 PKP, BDFB Brasilia, 120.51 121 PKNPK, ARCES ARCES Array B, 125.93 350 PKP, FINES FINES Array B, 132.88 345 PKP, KSP Keszian, 144.80 345 eP, BRTR Keskin Array B, 144.90 316 PKP, CLLL Collin, 145.10 348 iPKP1, GERES GERES Array B, 147.28 346 PKPbc, FLN Champ du Feu, 148.63 4 ePKP1, CDF La Feu, 148.79 354 ePKP1, LDF La Druittier, 148.81 3 ePKP1, GRR Grouse, 148.97 4 ePKP1, SSF Saint Sauge, 150.40 358 ePKP1, AVF Avitour sur Loir, 150.67 359 ePKP1, CABF La Chapelle, 150.69 355 ePKP1, TCF Touleux Ste Croi, 151.19 0 ePKP1, LPL La Plagne, 151.71 353 ePKP1, LRF La Plagne, 151.73 353 ePKP1, ORIG Oris-en-Rattie, 152.39 355 ePKP1, MBDF Montbard, 152.49 353 ePKP1

NEIC 17 02:55:44.7, 16.67N, 99.91W, h5km, MD3.8(MEX), After MEX. MEX 17 02:55:44.7, 0.8, 16.67N, 99.91W, h5km, 8km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ACX Acapulco, 0.20 359 iP, CAIG El Cayaco, 0.51 318 eP, CAIG Puzotepe, 1.73 90 iP, PNIQ Puzotepe, 1.73 90 iP, ZIIG Zihuatanejo, 1.75 302 iP, ZIIG Platanillo, 1.76 13 eP, PLIG Yauatepec, 2.32 20 eP, YAG Yauatepec, 2.32 20 eP, PPM Popocatepetl, 2.68 27 eP, PPM Vista Hermosa, 3.07 82 eP, VHO Vista Hermosa, 3.07 82 eP, OXX Oaxaca, 3.08 82 eP, OXX Ciudad Serdan, 3.44 46 eP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRAB Tennant Creek, 45.40 259 eP, WRA Warramunga Arr, 45.40 259 P, ASAR Alice Springs, 45.59 254 eP, ASPA Alice Springs, 45.65 254 eP, SBA Scott Base, 60.98 184 eP, VNDA Vanda, 61.02 185 P, QSPA South Pole Qui, 71.26 180 iP, NVAR Nihoa Array, 78.58 44 P, HLID Halley, 83.79 41 eP, TXAR Lajitas Array, 85.14 57 P, TXAR Lajitas Array, 85.14 57 P, ILAR Eielson Array, 85.23 13 P, ILAR Eielson Array, 85.23 13 P, BVAR Borovoye Array, 116.88 321 PKP, BDFB Brasilia, 120.51 121 PKNPK, ARCES ARCES Array B, 125.93 350 PKP, FINES FINES Array B, 132.88 345 PKP, KSP Keszian, 144.80 345 eP, BRTR Keskin Array B, 144.90 316 PKP, CLLL Collin, 145.10 348 iPKP1, GERES GERES Array B, 147.28 346 PKPbc, FLN Champ du Feu, 148.63 4 ePKP1, CDF La Feu, 148.79 354 ePKP1, LDF La Druittier, 148.81 3 ePKP1, GRR Grouse, 148.97 4 ePKP1, SSF Saint Sauge, 150.40 358 ePKP1, AVF Avitour sur Loir, 150.67 359 ePKP1, CABF La Chapelle, 150.69 355 ePKP1, TCF Touleux Ste Croi, 151.19 0 ePKP1, LPL La Plagne, 151.71 353 ePKP1, LRF La Plagne, 151.73 353 ePKP1, ORIG Oris-en-Rattie, 152.39 355 ePKP1, MBDF Montbard, 152.49 353 ePKP1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KAKA Kakadu, 48.10 122 eP, WRAB Tennant Creek, 45.40 259 eP, WRA Warramunga Arr, 45.40 259 P, WRA Warramunga Arr, 45.40 259 P, ASAR Alice Springs, 45.59 254 eP, ASPA Alice Springs, 45.65 254 eP, STKA Stephens Creek, 31.32 156 P, CMAR Chiang Mai Arr, 35.28 309 P, JIRN Jiri, 50.12 311 eP, PKI Pulchoki, 50.67 311 eP, KKN Kakani, 50.88 310 eP, DMN Damam, 50.92 310 eP, GKN Gorkha, 51.48 310 eP, KOLN Koldanda, 52.15 309 eP, ULN Ulaanbaatar, 54.12 343 eP, SONM Songino Array, 54.28 343 P, KURK Kurchatov, 68.06 329 eP, CHKZ Chkalovo, 73.81 329 eP

IDC 17 03:06:18.8, 1.4, 3.23S, 127.69E, mb4.0/4, mb1 4.2/5, mb1mx4.0/14, mbtmp4.0/5, ML3.5/1, Error ellipse: s-maj=20.6km s-min=20.6km az=64.0
NEIC 17 03:06:26.3, 2.5, 3.47S, 127.19E, h5km, 27km, mb4.1/4, Error ellipse: s-maj=54.7km s-min=13.4km az=67.0
ISC 17 03:06:21.4, 0.7, 3.5S, 0.2, 127.1E, 0.3, h33km, n18, o083/18, mb4.3/12, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, 45.40 259 eP, WRA Warramunga Arr, 45.40 259 P, ASAR Alice Springs, 45.59 254 eP, ASPA Alice Springs, 45.65 254 eP, SBA Scott Base, 60.98 184 eP, VNDA Vanda, 61.02 185 P, QSPA South Pole Qui, 71.26 180 iP, NVAR Nihoa Array, 78.58 44 P, HLID Halley, 83.79 41 eP, TXAR Lajitas Array, 85.14 57 P, TXAR Lajitas Array, 85.14 57 P, ILAR Eielson Array, 85.23 13 P, ILAR Eielson Array, 85.23 13 P, BVAR Borovoye Array, 116.88 321 PKP, BDFB Brasilia, 120.51 121 PKNPK, ARCES ARCES Array B, 125.93 350 PKP, FINES FINES Array B, 132.88 345 PKP, KSP Keszian, 144.80 345 eP, BRTR Keskin Array B, 144.90 316 PKP, CLLL Collin, 145.10 348 iPKP1, GERES GERES Array B, 147.28 346 PKPbc, FLN Champ du Feu, 148.63 4 ePKP1, CDF La Feu, 148.79 354 ePKP1, LDF La Druittier, 148.81 3 ePKP1, GRR Grouse, 148.97 4 ePKP1, SSF Saint Sauge, 150.40 358 ePKP1, AVF Avitour sur Loir, 150.67 359 ePKP1, CABF La Chapelle, 150.69 355 ePKP1, TCF Touleux Ste Croi, 151.19 0 ePKP1, LPL La Plagne, 151.71 353 ePKP1, LRF La Plagne, 151.73 353 ePKP1, ORIG Oris-en-Rattie, 152.39 355 ePKP1, MBDF Montbard, 152.49 353 ePKP1

IDC 17 03:04:00.1, 1.2, 14.58N, 93.22E, mb3.8/5, mb1 4.0/5, mb1mx3.8/18, mbtmp3.8/5, Error ellipse: s-maj=58.7km s-min=22.4km az=55.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WARRAMUNG ARR, 53.03 129 P, ASAR Alice Springs, 55.02 133 P, FINES FINES Array B, 66.42 331 P, GERES GERES Array B, 72.29 317 P

CSEM 17 03:36:05.4, 0.1, 45.60N, 7.58E, h5km, ML2.2/7, Error ellipse: s-maj=2.7km s-min=2.1km az=90.0
GEN 17 03:36:05.2, 45.73N, 7.51E, h8km, ML2.6
ZUR 17 03:36:05.4, 45.79N, 7.53E, h8km, ML1.6/9
NEIC 17 03:36:05.2, 45.74N, 7.51E, h8km, ML2.6(GEN), ML2.2(LDG), After GEN.
LDG 17 03:36:07.4, 0.2, 45.67N, 7.40E, h3km, Md2.4/2, Md2.2/10, Error ellipse: s-maj=3.9km s-min=2.2km az=88.0
ISC 17 03:36:04.5, 0.3, 45.70N, 7.49E, 0.03, h7km, 3km, n57, o1501/86, 2C-10, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Ceresole Reale, 0.33 224 S, Ceresole Reale, 0.35 224 S, Oropa, 0.35 100 P, Oropa, 0.35 100 P, Grande Dixence, 0.39 352 iPg, Mattmark, 0.49 43 iPg, EMV La Plagne, 0.55 249 ePg, LPL La Plagne, 0.56 251 ePg, Reno Superiore, 0.57 197 P, Reno Superiore, 0.57 197 P, SALAN La Salanfe, 0.57 322 ePg, GRON Gryon, 0.61 335 iPg, SENIN La Senin, 0.68 349 ePg, FENE Fenestrelle, 0.73 204 P, FENE Fenestrelle, 0.73 204 S, FENE Fenestrelle, 0.74 303 ePg, BNI Bardonecchia, 0.86 222 ePg, BNI Bardonecchia, 0.86 222 ePg, BBR Bricherasio, 0.87 190 P, BBR Bricherasio, 0.87 190 P, Cesana Torines, 0.92 213 P, Cesana Torines, 0.92 213 P, MBDF Montbard, 1.09 208 ePg, MUGIO Muggio, 1.11 78 eP, FUSIO Fusio, 1.12 47 eP, PZZ Prazzo, 1.22 193 P, PZZ Prazzo, 1.22 193 P, CABF La Chapelle, 1.33 314 eP, ORIF Oris-en-Rattie, 1.38 236 eP, ORIF Oris-en-Rattie, 1.38 236 eP, PCP Pian Castagno, 1.38 147 P, PCP Pian Castagno, 1.38 147 P, ROB Roburent, 1.43 169 P, ROB Roburent, 1.43 169 P, STV Sta Anna Valdi, 1.46 185 P, STV Sta Anna Valdi, 1.46 185 P, ENR Entracque, 1.47 182 P, ENR Entracque, 1.47 182 P, FIN Finale Ligure, 1.57 161 P, FIN Finale Ligure, 1.57 161 P, MONE Monesi, 1.63 173 P, MONE Monesi, 1.63 173 P, IMI Imperia, 1.81 171 P, IMI Imperia, 1.81 171 P, SBF Sospel, 1.83 181 eP, SBF Sospel, 1.83 181 eP, VIVF Saint-Julien-I, 2.16 248 eP, VIVF Saint-Julien-I, 2.16 248 eP, HINF Hinterfelden, 2.17 349 eP, HINF Hinterfelden, 2.17 349 eP, Simiane la Rot, 2.19 219 eP, La Foret Royal, 2.22 196 eP, HAU Haudompre, 2.44 342 ePg, LMR La Moure, 2.46 197 eP, SMF Signal de Mont, 2.70 292 ePg, CDF Champ du Feu, 2.72 357 eP, LASF Ste Croix, 2.95 239 eP, AVF Avitour sur Loir, 3.07 292 eP

IDC 17 03:51:58.5, 1.0, 14.41N, 93.19E, mb3.8/6, mb1 4.0/6, mb1mx3.8/16, mbtmp3.8/6, Error ellipse: s-maj=51.4km s-min=20.3km az=50.0
NEIC 17 03:52:03.4, 0.8, 14.44N, 93.17E, h30km, Mb4.2/2, Error ellipse: s-maj=41.4km s-min=15.8km az=50.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JIRN Jiri, 14.57 334 eP, PKI Pulchoki, 14.93 332 eP, KKN Kakani, 15.18 332 eP, GKN Gorkha, 15.65 331 eP, KOLN Koldanda, 15.97 328 eP, SONM Songino Array, 35.06 16 P, CHKZ Chkalovo, 42.99 340 eP, WRA Warramunga Arr, 52.98 129 P, ASAR Alice Springs, 54.96 133 P, BRTR Keskin Array B, 57.55 308 eP, FINES FINES Array B, 66.51 331 P, GERES GERES Array B, 72.36 317 P

IDC 17 03:51:58.5, 1.0, 14.41N, 93.19E, mb3.8/6, mb1 4.0/6, mb1mx3.8/16, mbtmp3.8/6, Error ellipse: s-maj=51.4km s-min=20.3km az=50.0
NEIC 17 03:52:03.4, 0.8, 14.44N, 93.17E, h30km, Mb4.2/2, Error ellipse: s-maj=41.4km s-min=15.8km az=50.0, Andaman Islands region

17d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, ARCES ARCES Array B, BMO Blue Mountains, etc.

IDC 17 05:43:14.9, 1.2, 23.30S; 66.71W, h196km, 10km, mb3.5/9, mb1 3.7/12, mb1mx3.7/14, mbtmp4.0/12, Error ellipse: s-maj=18.1km s-min=14.4km az=76.0

NEIC 17 05:43:14.0, 0.8, 23.35S; 66.75W, h197km, 8km, mb4.1/2, Error ellipse: s-maj=13.8km s-min=9.7km az=62.0

ISC 17 05:43:14.0, 0.9, 23.34S; 67.06W, 0.1, h204km, 9km, n25, c1516/28, mb3.7/10, 1C, JUVV Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, LVC Brasilia, LVC Linon Verde, etc.

BUJ 17 05:43:53.5, 11.25N, 140.85E, h10km, mb5.2, mb5.1, Ms4.7, Ms24.5

HRVD 17 05:43:53.4, 0.4, 0.89N; 140.81E, h13km, 2km, MW5.0/51, Centroid moment Tensor Solution. LP body waves: s16,c18; Mantle waves: s51,c75; Half duration: 0 Moment tensor: Scale 10^16Nm; M1: -1.30; 22; M2: 2.80; 16; M3: -1.50; 13; M4: 2.46; 54; M5: 0.40; 11; M6: 0.04; 39; Best double couple: M3, 225; 1016 NPI, 66; 822; 7, 116; NP2, 273; 871, A, 80; Principal axes: T 3.978, P163, Azm199; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 17 05:43:53.4, 0.2, 10.92N; 140.80E, h10km, mb5.1/43, Ms4.3/7 Error ellipse: s-maj=7.5km s-min=5.1km az=94.0

MOS 17 05:43:54.5, 0.9, 10.94N; 140.90E, h33km, mb5.3/34, Error ellipse: s-maj=10.8km s-min=6.2km az=99.5

IDC 17 05:43:55.3, 4.2, 10.90N; 140.87E, h22km, 26km, mb4.9/24, mb1 5.0/27, mb1mx5.0/30, mbtmp5.1/27, ML5.0/3, MS4.3/16, Ms1 4.3/16, ms1mx4.2/22, Error ellipse: s-maj=17.9km s-min=10.7km az=82.0

ISC 17 05:43:51.2, 1.5, 10.91N; 0.04, 140.78E, 0.04, h7km, 9km, h15km, 5.4km, pP-P, n192, c1516/176, mb5.1/91, MS4.3/30, 6C-7D, Western Caroline Islands

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

2005 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NJ2, QIZ Qizilirmak, QIZ Qizilirmak, 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 NWAOW Narrogin (SRO), NWAOW Narrogin (SRO), NWAOW Narrogin (SRO), etc.

NEIC 17 09:51:52.0.6, 10.83N-141.53E, mb3.7/1, Error ellipse: s-maj=25.1km s-min=12.7km az=95.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

TAP 17 09:29:25.3.0.23.71N-121.64E, h32km, ML3.5 TAP Felt 1 J at Shilin.

JMA 17 09:29:25.3.0.23.82N-121.66E, h70km, M3.1 ISC 17 09:29:25.0.0.23.271N-102.121.67E-0.02, h30km, 2km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ESIL Shilin, HWA Hwalien, TWD Chiawan, EHY Hungye, etc.

NEIC 17 09:37:26.4.0.7, 3.67N-94.94E, h30km, mb4.2/5, Error ellipse: s-maj=26.2km s-min=10.9km az=59.0

ISC 17 09:37:32.6.13.0, 3.93N-95.29E, h78km, 113km, mb3.6/7, mb1.3/8, mb1mx3.6/1.7, mbtmp3.9/8, ML4.21, MS3.6/1,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KOLN Koldanda, SONM Songoing Array, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 17 09:40:09.0.0.5, 10.96N-84.72W, h173km, 9km, mb3.6/6, mb1.3/9.7, mb1mx3.5/18, mbtmp4.2/7, Error ellipse: s-maj=38.3km s-min=19.4km az=51.0

CASC 17 09:40:10.7.2.0, 10.71N-84.98W, h184km, 6km, MD4.1, NEIC 17 09:40:10.5.0.4, 10.80N-84.98W, mb4.5/4, MD4.2(CASC),

Error ellipse: s-maj=16.6km s-min=6.9km az=56.0 ISC 17 09:40:09.6.0.4, 10.67N-107.85.00W-0.07, h197km, 3km, n60, i1903/81, mb3.8/10, 6C-5D, Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JTS JuntasAbangare, FORC Fortuna, VCR Vista de Mar, etc.

NEIC 17 09:59:47.5.0.6, 8.35N-93.45E, h30km, mb4.2/3, Error ellipse: s-maj=20.7km s-min=11.9km az=60.0

ISC 17 09:59:45.0.7, 8.4N-101.93.5E-0.1, h30km, n22, i0878/21, mb4.0/15, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, etc.

GUC 17 09:44:32.6.0.5, 33.82S-72.02W, h10km, 3km, MD4.0, ML3.0, 3C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LCCH Las Cruces, LVNH Longovilo, IHA Instituto Hdr, etc.

OTC 17 09:46:18.6.2.0, 5.77S-150.97E, mb3.5/3, mb1.3/9.3, mb1mx3.9/10, mbtmp3.6/3, Error ellipse: s-maj=134.3km s-min=29.0km az=126.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JACH Jachupel, JACH Jachupel, LINAres Linares, etc.

OTT 17 09:46:03.0.7.1, 1.75.68N-121.32W, h18km, ML3.4/5, 80km southwest from Mould Bay, Nt Sverdrup Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like RES Resolute Bay, INK Inuvik, LUPN Lupin Mine, etc.

IDC 17 09:46:18.6.2.0, 5.77S-150.97E, mb3.5/3, mb1.3/9.3, mb1mx3.9/10, mbtmp3.6/3, Error ellipse: s-maj=134.3km s-min=29.0km az=126.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 17 09:59:43.1.0.9, 8.36N-93.41E, mb3.9/10, mb4.0/11, mb1mx3.9/10, mbtmp3.8/11, MS2.8/1, Ms1.3/0.1, ms1mx2.5/23, Error ellipse: s-maj=41.4km s-min=19.4km az=51.0

NEIC 17 09:59:47.5.0.6, 8.35N-93.45E, h30km, mb4.2/3, Error ellipse: s-maj=20.7km s-min=11.9km az=60.0

ISC 17 09:59:45.0.7, 8.4N-101.93.5E-0.1, h30km, n22, i0878/21, mb4.0/15, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, etc.

IDC 17 10:08:12.1.5.1, 8.82S-118.41E, mb3.4/2, mb1.3/6.3, mb1mx3.5/14, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=248.1km s-min=28.8km az=57.0, Sumbawa region

Table with columns: WRA, ASAR, SONM, etc. containing station names, times, and coordinates.

IDC 17 10:24:08.1±0.7, 5.22N-93.17E, mb4.1/11, mb1 4.2/12, mb1mx4.1/20, mbtmp4.1/12, ML4.1/1, MS2.6/1, Ms1 2.8/1, ms1mx2.4/25, Error ellipse: s-maj=39.9km s-min=14.9km az=52.0

NEIC 17 10:24:12.7±0.4, 5.25N-93.21E, h30km, mb4.3/5, Error ellipse: s-maj=17.2km s-min=7.3km az=53.0

ISC 17 10:24:10.6±0.3, 5.31N-93.2E±0.1, h30km, n19, s0569/18, mb4.2/16, Off west coast of northern Sumatara

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

NEIC 17 10:35:47.1, 36.86N-27.61E, h16km, MD3.2(ATH), ML3.3(ISK), After ISK

ISC 17 10:35:48.4, 36.93N-27.69E, h17km, MD3.3 CSEM 17 10:35:50.9±0.2, 37.13N±28.05E, h10km, MD3.3, Error ellipse: s-maj=6.8km s-min=3.2km az=43.0

ATH 17 10:35:51.2, 37.03N-27.87E, h10km, MD3.2/4 ISC 17 10:35:51.9, 37.03N-27.87E±0.04, h10km, n24, s0119/32, Turkey

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 17 10:48:27.1±2.2, 1.92N-100.78W, mb4.3/7, mb1 4.6/7, mb1mx4.2/14, mbtmp4.3/7, MS4.1/1, Ms1 4.1/1, ms1mx2.2/21, Error ellipse: s-maj=110.5km s-min=19.2km az=56.0

NEIC 17 10:48:30.5±0.9, 2.15N-100.45W, h10km, mb4.4/15, Error ellipse: s-maj=27.9km s-min=6.8km az=49.0

ISC 17 10:48:28.6±1.1, 2.1N±10.2, 100.5W±0.2, h10km, n38, s0989/33, mb4.3/22, MS4.0/1, Galapagos Triple Junction region

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: BW06, PDAR, OHCM, etc. containing station names, times, and coordinates.

IDC 17 10:50:03.8±7.2, 1.35N-99.22W, mb3.6/5, mb1 4.1/5, mb1mx3.8/13, mbtmp3.6/5, Error ellipse: s-maj=195.1km s-min=132.0km az=96.0, West of Galapagos Islands

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 17 10:50:30.7±0.4, 10.99N-140.69E, mb5.6/26, mb1 5.6/27, mb1mx5.6/27, mbtmp5.6/27, ML5.6/2, MS5.8/23, Ms1 5.8/23, ms1mx5.6/27, Error ellipse: s-maj=20.7km s-min=10.6km az=82.0

BUI 17 10:50:31.1, 10.93N-141.14E, h24km, mb6.4, mb5.7, Ms6.0, Ms25.9

GUC 17 10:50:32.1±0.0, 10.99N-140.67E, h10km, mb5.9(NEIC), MS5.9(NEIC), MW6.1(NEIC)

HRVD 17 10:50:32.6±0.1, 10.99N-140.75E, h13km, MW6.1/74, Centroid moment Tensor Solution, LP body waves: s7.0, c168, Mantle waves: s7.4, c291; Half duration: 2.6 Moment tensor: Scale 10^18 Nm; Mr-1.26±0.1; Ms-1.34±0.1; M0-0.07±0.1; Mn0.70±0.3; Mw-0.31±0.1; Mw-0.01±0.3; Best double couple: Mo1.505x10^18 e1=108°, δ32°, λ=80°. NP2φ=276°, δ59°, λ=96°. Principal axes: T1.572, Plg14°, Azm11°; N-132, Plg5°, Azm280°; P-1.438, Plg75°, Azm169°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 10:50:32.6±0.1, 10.99N-140.68E, h12km, mb5.9/22, MS5.9/116, MW6.1 Error ellipse: s-maj=4.8km s-min=3.6km az=113.0 Broadband fault plane solution: P waves. NP1φ=285°, δ75°, λ=90°. NP2φ=105°, δ15°, λ=90°. Principal axes: T Plg30°, Azm15°; N Plg0°, Azm0°; P Plg60°, Azm195°; Moment Tensor Solution, s36 Moment tensor: Scale 10^18 Nm; Mr-1.43; Ms-1.22; Mw-0.21; Mn-0.45; Mw-0.04; Best double couple: Mo1.4x10^18 NP1φ=67°, δ37°, λ=101°. NP2φ=260°, δ54°, λ=82°. Principal axes: T1.38, Plg8°, Azm344°; N.13, Plg6°, Azm75°; P-1.51, Plg79°, Azm201°; Depth from synthetics of broadband displacement seismograms. Energy computed from MB mechanism.

MOS 17 10:50:34.3±1.3, 11.00N-140.68E, h33km, mb6.1/74, MS5.9/50 Error ellipse: s-maj=6.7km s-min=4.6km az=97.2

ISC 17 10:50:35.7±0.1, 10.91N±10.03±140.78E±0.2, h45km, h45km±2.4km; pP-P, n624, s1924/466, mb5.8/155, MS5.9/161, 42C-73D, Western Caroline Islands

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 17 10:50:35.7±0.1, 10.91N±10.03±140.78E±0.2, h45km, h45km±2.4km; pP-P, n624, s1924/466, mb5.8/155, MS5.9/161, 42C-73D, Western Caroline Islands

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

TIXI	comp=Z,4um,16.0s,MSS.6	MLR	MLR		
TIXI	Tiksi	61.13 356	i/P	P	11 00 44.3 -3.2
BHPL	comp=Z,6um,19.0s,MSS.8				
BHPL	Bhopal	61.38 291	e/P	P	11 00 49.5 -0.4
NDI	comp=Z,330nm,1.2s				
NDI	New Delhi	61.70 297	i/P	P	11 00 48.0 -4.0
KOD	Kodaikanal	62.13 276	i/P	P	11 00 54.0 -1.0
LATR	Latur	62.31 285	e/P	P	11 00 54.6 -1.5
BHK	Bhakra	62.55 300	e/P	P	11 00 56.9 -0.7
BHK			e/S	P	11 09 22.1 +1.8
NVS	Novosibirsk	62.72 327	i/S	P	11 00 57.0 -1.4
NVS			i/S	P	11 09 23.5 +1.4
NVS			i/SS	P	11 10 42.8
NVS	comp=Z,265nm,1.6s,mb6.1				
NVS			pmax	pmax	
NVS	comp=N,153nm,1.8s				
NVS			pmax	pmax	
NVS	comp=E,162nm,1.8s				
NVS			pmax	pmax	
NVS	comp=Z,172nm,2.7s,mb5.7				
NVS			pmax	pmax	
NVS	comp=E,81nm,1.5s				
NVS			pmax	pmax	
NVS	comp=N,104nm,2.3s				
NVS			smax		
NVS	comp=E,202nm,2.2s				
NVS			smax		
TRD	comp=N,53nm,1.8s				
TRD	Trivandrum	62.85 274	e/P	P	11 01 00.7 +0.9
DLH	Dalhousie	63.02 301	e/P	P	11 00 59.0 -1.7
DLH			e/P	P	11 01 15.0 +1.4
AAA	Alma-Ata	63.59 313	e/S	P	11 01 03.6 -0.7
AAA			e/S	P	11 09 34.0 +0.9
AAA	comp=Z,3um,8.0s				
AAA			smax		
AJM	comp=N,600nm,6.0s				
AJM	Ajmer	63.92 294	e/P	P	11 01 06.4 -0.4
ULHL	comp=Z,377nm,1.1s				
ULHL	Ulahol	63.93 312	P	P	11 01 07.2 +0.6
MNGI	Mangalore	64.40 279	i/P	P	11 01 09.0 -1.1
MNGI	Tokmak 2	64.50 312	P	P	11 09 34.7
TKMZ			P	P	11 01 10.5 +0.3
KZA	Kyzart	64.63 311	P	P	11 01 12.3 +1.2
KAD	Karad	64.64 284	i/P	P	11 01 11.4 -0.1
KAD			e/P	P	11 01 11.5
KAD			e/P	P	11 01 14.1
TNA	Tin City	64.75 21	e/P	P	11 01 09.3 -2.2
TNA	comp=Z,28nm,0.9s,mb5.3				
TNA			LR	LR	
POO	Poona	64.88 285	e/P	P	11 01 12.7 -0.3
POO			e		11 01 14.8
POO	comp=Z,429nm,1.1s				
POO			i/S	P	11 09 54.0 +4.6
KBK	Karagaybulak	64.94 312	P	P	11 01 13.4 +0.3
GOA	Goa	65.12 282	e	P	11 01 20.7 +6.0
GOA	comp=Z,293nm,0.3s,mb6.8,baz=21				
GOA			e		11 10 00.1
CHMS	Chumysh	65.13 312	P	P	11 01 13.9 -0.4
ANM	Nome	65.18 23	e/P	P	11 01 12.8 -1.4
UCH	Uchitor	65.19 311	P	P	11 01 16.0 +1.3
FRU	Bishkek	65.20 312	i/P	P	11 01 19.8 +0.2
FRU			i/S	P	11 09 56.0 +3.0
FRU			pmax	pmax	
AAK	comp=Z,340nm,1.8s,mb5.1				
AAK	Ala-Archa	65.26 312	P	P	11 01 15.6 +0.4
AAK			i/P	P	11 01 11.9 -3.3
AAK			pmax	pmax	
AAK	comp=Z,93nm,1.3s,mb5.7				
AAK			MLR	MLR	
AAK	comp=Z,7um,20.0s,MSS.8				
AAK	Ala-Archa	65.26 312	i/P	P	11 01 14.3 -0.9
AAK			LR	LR	
AAK	comp=Z,1um,19.0s,MSS.2				
AAK	Ospenovka	65.35 313	P	P	11 01 15.2 -0.5
AML	Almayashu	65.78 311	P	P	11 01 19.2 +0.7
EKS2	Erkin-Say	65.79 312	P	P	11 01 18.9 +0.3
BOM	Bombay	65.83 286	e/P	P	11 01 19.8 +0.6
BOM			e/S	P	11 10 06.8 +5.7
RAR	Rarotonga	66.54 119	P	P	11 01 23.8 +0.2
RAR	comp=Z,28nm,0.8s,mb5.3,baz=207,slow=7.0,SNR=4.3				
RAR			LR	LR	11 27 09.6
SVW2	Sparrevohn	67.90 28	e/P	P	11 01 30.4 -1.1
KDAK	Kodiak Island	68.44 32	e/P	P	11 01 33.8 -1.2
KDAK	comp=Z,170nm,1.1s,mb6.0				
KDAK			LR	LR	
BHJ	Bhuj	68.53 291	i/P	P	11 01 40.4 +4.3
BHJ			e		11 01 47.4
RSO	Redoubt South	69.04 29	e/P	P	11 01 36.9 -1.7
CHKZ	Chkalovo	69.55 323	e/P	P	11 01 40.8 -1.0
CHKZ	comp=Z,201nm,1.3s,mb5.9				
CHKZ			pmax	pmax	
CHKZ	Chkalovo	69.55 323	e/P	P	11 01 40.8 -1.0
BVA0	Borovoye Array	69.57 323	P	P	11 01 41.5 -0.5
BVA0			pmax	pmax	
BVA0	comp=Z,27nm,1.0s,mb5.1				
BVA0	Borovoye Array	69.57 323	P	P	11 01 42.1 +0.1
BVA0	comp=Z,9nm,0.7s,mb6.6,baz=109,slow=8.0,SNR=191				
BVA0			P	P	11 01 41.6 -0.8
BRVK	Borovoye	69.64 323	e/P	P	11 01 41.6 -0.8
BRVK	comp=Z,345nm,1.2s,mb6.2				
BRVK			LR	LR	
SLKM	Skliak Lake	70.27 29	e/P	P	11 01 44.3 -1.8
DGAR	Diego Garcia	70.39 258	i/P	P	11 01 44.8 -2.8
DGAR			e/P	P	11 01 47.6 0.0
DGAR	comp=Z,2um,1.7s,mb6.7				
DGAR			LR	LR	
FIB	Fire Island	70.44 29	e/P	P	11 01 47.0 -0.1
FIB			MLR	MLR	
PMR	comp=Z,5um,21.0s,MSS.7				
SML	Palmer	71.03 28	e/P	P	11 01 48.5 -2.2
SML	Sawmill	71.45 28	e/P	P	11 01 51.9 -1.3
MCK	McKinley	71.59 26	e/P	P	11 01 51.7 -2.3
MCK	comp=Z,96nm,1.1s,mb5.6				
MCK			LR	LR	
COLA	College	72.30 25	P	P	11 01 56.7 -1.5
COLA	comp=Z,20nm,0.7s,mb5.2				
COLA	College	72.30 25	e/P	P	11 01 56.6 -1.6
EYAK	Cordova Ski Ar	72.45 27	e/P	P	11 01 58.1 -1.0
DIV	Divide	72.53 29	e/P	P	11 01 59.1 -0.4
DIV	comp=Z,718nm,1.5s,mb6.4				
DIV			LR	LR	
ILAR	comp=Z,19um,21.0s,MSS.3				
ILAR	Eielson Array	72.69 25	P	P	11 01 58.4 -2.1
ILAR	comp=Z,40nm,0.6s,mb5.5,baz=248,slow=6.1,SNR=507				
ILAR			LR	LR	11 31 08.0
THY	Trims Highway	72.92 27	e/P	P	11 02 01.3 -0.5
MENT	Mentasta	73.79 27	e/P	P	11 02 06.6 -0.2
PPT	Papeete	74.37 112	e/P	P	11 02 13.2 +2.0
PPT	comp=Z,97nm,1.1s,mb5.7				
PPT			e/LQ	LR	11 21 25.7
PPT			e/LR	LR	11 24 26.8
PPT	comp=Z,8um,21.0s,baz=288				
PPT			P	P	11 02 13.0 +1.8
PPT	comp=Z,54nm,0.7s				

PPT	Papeete	74.37 112	P	P	11 02 13.0 +1.8
PAE	comp=Z,54nm,0.7s,mb5.6,baz=55,slow=23,SNR=8.7				
PAE	Paea	74.39 112	e/P	P	11 02 13.2 +1.9
TIAR	comp=Z,144nm,0.9s,mb5.9				
TIAR	Tiarete	74.58 112	e/P	P	11 02 14.4 +2.0
TVO	Taravao	74.73 112	e/P	P	11 02 15.5 +2.2
PMOR	comp=Z,94nm,0.7s,mb5.8				
PMOR	Pomarioerio Ree	75.20 109	e/P	P	11 02 17.8 +1.8
SVE	Sverdlovsk	75.55 326	i/P	P	11 02 17.4 +0.2
SVE			e	pP	11 02 34.5 +4.2
SVE			e		11 12 19.0
SVE			e/SS	SS	11 16 52.0 +4.8
SVE	comp=Z,300nm,1.6s,mb6.0				
SVE			pmax	pmax	
SVE	comp=Z,460nm,2.0s,mb6.1				
SVE			pmax	pmax	
SVE	comp=N,9um,21.0s				
SVE			pmax	pmax	
SVE	comp=E,2um,21.0s				
SVE			MLR	MLR	
DAWY	Dawson	75.81 27	e/P	P	11 02 18.4 -0.1
MEH	Mehetia	75.83 112	e/P	P	11 02 21.4 +1.8
TBI	Tubuai	76.22 117	e/P	P	11 02 22.9 +1.2
TBI	comp=Z,186nm,0.8s,mb6.1				
TBI			e/LQ		11 22 41.0
TBI			e/LR	LR	11 25 31.1
ARU	comp=Z,6um,26.0s,baz=292				
ARU	Arti	76.69 326	i/P	P	11 02 19.3 -4.4
ARU			p	pP	11 02 28.4 -8.4
ARU			e	pP	11 02 33.0 -3.8
ARU			i		11 05 12.0
ARU			e/PPP	PPP	11 06 57.1 -8.6
ARU			i/S	S	11 12 01.3 -4.3
ARU			i		11 22 27.0
ARU			i/SS	SS	11 16 59.8 -4.9
ARU			pmax	pmax	
ARU	comp=Z,90nm,1.0s,mb5.7				
ARU			MLR	MLR	
ARU	comp=N,5um,18.0s,MS6.3				
ARU			MLR	MLR	
ARU	comp=E,11um,18.0s,MS6.3				
ARU			MLR	MLR	
DRV	Dumont d'Urville	77.37 180	P	P	11 02 26.0 -1.3
SIT	Sitka	77.61 34	e/P	P	11 02 28.2 -0.6
SIT			pmax	pmax	
SIT	comp=Z,105nm,1.1s,mb5.7				
SIT			MLR	MLR	
SIT	comp=Z,6um,20.0s,MSS.9				
SIT			P	P	11 02 28.1 -0.6
SIT	Sitka	77.61 34	e/P	P	11 02 28.1 -0.6
SIT	comp=Z,105nm,1.1s,mb5.7				
SOKR	Solikamsk	77.63 329	i/P	P	11 02 26.8 -2.0
SOKR			LR	LR	
SOKR	comp=Z,140nm,1.1s,mb5.8				
SOKR			MLR	MLR	
INK	Inuvik	78.35 22	e/P	P	11 02 31.3 -1.3
INK			e	pmax	
INK	comp=Z,208nm,1.4s				
INK	Inuvik	78.35 22	LR	LR	11 37 41.9
INK	comp=Z,6um,20.6s,MS6.9,baz=249,slow=36				
INK			e/P	P	11 02 31.3 -1.3
WBK	Wadi Bani Khal	78.39 291	P	P	11 02 34.8 +1.0
WBK	SNR=18				
WBK			P	P	11 02 34.8
BIDO	Bidbid	79.05 292	P	P	11 02 38.2 +0.8
BIDO	SNR=26				
BIDO			P	P	11 02 38.2
SMDO	SNR=26				
SMDO	Samad	79.18 292	P	P	11 02 38.8 +0.6
SMDO	SNR=16				
SMDO			P	P	11 02 38.8
JMDO	Jabal Madar	79.22 291	P	P	11 02 38.8 +0.4
JMDO	SNR=12				
JMDO			P	P	11 02 38.8
HOQ	Hoqain	79.78 292	P	P	11 02 42.2 +0.8
HOQ	SNR=36				
HOQ			P	P	11 02 42.2
BSY	Bisyra	80.00 291	P	P	11 02 42.9 +0.4
BSY	SNR=30				
BSY			P	P	11 02 42.9
CASY	Casey	80.14 192	e/P	P	11 02 42.7 +0.3
CASY	comp=Z,766nm,2.0s,mb6.3				
CASY			LR	LR	
DLBC	Dease Lake	80.38 32	e/P	P	11 02 44.4 +0.6
ARQ	Araki	80.53 292	P	P	11 02 46.2 +0.8
ARQ	SNR=43				
ARQ			P	P	11 02 46.2
TAOE	Nuku Hiva Isla	81.07 101	e/LQ	LR	11 24 21.9
TAOE			e/LR	LR	11 28 39.0
RBK	babuz	83.56 287	P	P	11 03 01.9 +0.7
RBK	SNR=54				
RBK			P	P	11 03 02.6 -0.2
WHFO	Wadi Hawf	83.89 287	P	P	11 03 02.6
WHFO	SNR=68				
WHFO			P	P	11 03 06.0 +0.4
ABTO	Aybut	84.43 287	P	P	11 03 06.0
ABTO	SNR=84				
ABTO			P	P	11 03 06.0
PECR	SNR=84				
PECR	Bechory	84.70 326	e/P	P	11 03 05.6 -0.4
PECR			e/S	S	11 06 26.0
PECR			e/S	S	11 13 25.0 -3.7
PECR			e		11 14 16.0
PECR	comp=Z,4um,10.0s				
PECR			p		

17d 12h

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

IDC 17 11:17:07.5, 1.0, 4.78N, 94.78E, mb4.1/9, mb1 4.2/10, mb1mx4.1/17, mbtmp4.1/10, ML4.3/1, MS5.1/1, MS1.5/1, ms1mx3.6/27, Error ellipse: s-maj=54.9km s-min=17.2km az=50.0

NEIC 17 11:17:11.4, 0.6, 4.55N, 94.54E, h30km, mb4.5/5, Error ellipse: s-maj=21.8km s-min=9.5km az=58.0

ISC 17 11:17:09.5, 0.7, 4.6N, 0.1, 94.6E, 0.2, h30km, n23, 0.81/21, mb4.3/20, MS5.2/1, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IGQ 17 11:17:18.2, 1.01S, 81.27W, h12km, 25km, mb4.1, 2C-4D, Error ellipse: s-maj=24.9km s-min=6.7km az=173.4, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGUA Iguazata, TERY Terraza Guagua, PINO Pino, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PATA Pisayambo, PISA Pisayambo, RUN2 Run2, etc.

KRSC 17 11:27:07.7, 1.3, 48.76N, 156.78E, h42km, 29km, ML4.6, MOS 17 11:27:08.7, 1.3, 49.05N, 156.05E, h34km, mb4.5/11, Error ellipse: s-maj=15.1km s-min=6.8km az=82.7

BUI 17 11:27:11.6, 49.00N, 156.00E, h42km, mb4.6, NEIC 17 11:27:11.6, 0.7, 49.00N, 155.98E, mb4.5/4, Error ellipse: s-maj=18.4km s-min=13.0km az=144.0

IDC 17 11:27:11.7, 0.5, 48.92N, 156.07E, h43km, 4km, mb3.5/12, mb1 3.9/13, mb1mx3.8/20, mbtmp3.9/13, ML3.7/1, Error ellipse: s-maj=21.5km s-min=11.7km az=137.0

ISC 17 11:27:09.4, 0.5, 49.00N, 0.05, 156.11E, 0.10, h44km, 11.4km, 2.7km, p-P, n77, r=140/95, mb4.2/23, 3C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, ALID Alaid, PAUZ Pauzhetka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, MA2 Magadan, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BILL Bilibino, SSE Sheshan, SONM Songino Array, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, YKA Yellowknife Arr, RES Resolute Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RES Resolute Bay, CHZK Chkalovo, CHZK Chkalovo, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ARCES ARCESS Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, FINES FINESS Array B, FINES FINESS Array B, 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 GNI Ganri, TXAR Lajitas Array, TXAR Alice Springs, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIRN Jiri, PKI Pulchoki, DMN Daman, 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.

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.

BUI 17 12:03:25.5, 13.64N, 93.26E, h8km, mb5.2, mb4.5, Ms4.5, Ms2.5, IDC 17 12:03:25.8, 0.8, 13.65N, 92.95E, mb4.2/10, mb1 4.3/11, mb1mx4.1/18, mbtmp4.1/11, ML4.5/1, Error ellipse: s-maj=34.7km s-min=15.4km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6, region, Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

JMA 17 12:24:40.0, 1.25.98N x 129.70E, h45km, M3.5, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 12:23:44.5-2.2, 12.20N, 139.56E, mb3.6/3, mb1 3.9/3, mb1mx3.6/19, mbtmp3.7/4, Error ellipse: s-maj=238.1km s-min=30.1km az=105.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 12:36:50.9, 0.01N, 125.87E, h7km, mb4.5, ML3.4, MS3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 13:07:30.2-1.5, 2.81N-94.10E, h21km, 5km, mb3.7/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, MLJ.3.7/1, MS3.3/1, Ms1 3.5/1, ms1mx3.2/19, Error ellipse: s-maj=54.9km s-min=17.0km az=58.0

NEIC 17 13:07:30.1-0.7, 2.73N-94.01E, mb4.5/5, Error ellipse: s-maj=23.2km s-min=9.0km az=60.0

ISC 17 13:07:28.1-1.0, 2.7N-94.1-0.94, OE-0.2, h23km, h23km, 4km; pp-P, n13, 0.66/1/13, mb4.1/1/1, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 13:32:45.9, 1.0, 12.92N, 93.91E, mb4.0/8, mb1 4.2/9, mb1mx4.0/18, mbtmp4.0/9, ML3.8/1, MS2.9/1, Ms1 3.1/1, ms1mx5.2/4, Error ellipse: s-maj=36.4km s-min=18.9km az=54.0

BUI 17 13:32:48.9, 12.70N-93.80E, h42km, mb4.9, mb4.2, Ms4.0, Ms2.0

NEIC 17 13:32:50.6-0.5, 12.94N, 93.98E, h30km, mb4.2/3, Error ellipse: s-maj=14.5km s-min=8.8km az=60.0

ISC 17 13:32:48.6-0.7, 12.94N, 0.09, 93.98E, 0.09, h30km, n22, 0.572/22, mb4.1/11, MS4.0/1, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 14:04:22.5-1.4, 11.25N, 140.77E, mb3.7/4, mb1 3.9/4, mb1mx3.6/18, mbtmp3.7/4, Error ellipse: s-maj=111.9km s-min=33.2km az=105.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 14:07:55.9-2.1, 11.27N, 140.16E, mb3.5/4, mb1 3.9/4, mb1mx3.6/18, mbtmp3.5/4, Error ellipse: s-maj=279.8km s-min=23.6km az=106.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 13:47:23.6, 11.0, 14.03N, 91.33E, mb4.0/2, mb1 4.0/3, mb1mx3.6/18, mbtmp3.7/3, Error ellipse: s-maj=443.3km s-min=51.3km az=116.0

ISC 17 13:47:25.9, 1.3, 14.2N, 0.1, 91.4E, 0.2, h33km, n8, 0.552/8, mb4.0/2, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

MAN 17 13:55:53.7, 12.16N, 125.75E, h1km, mb4.9, ML3.8, MS3.8

IDC 17 13:55:53.0-0.7, 12.07N, 125.85E, mb3.9/10, mb1 4.1/11, mb1mx4.1/19, mbtmp4.0/11, ML4.5/1, MS3.7/1, Ms1 3.7/1, ms1mx2.9/20, Error ellipse: s-maj=38.1km s-min=15.4km az=68.0

BUI 17 13:55:55.6, 11.58N, 126.63E, h83km, mb5.2, mb4.5

NEIC 17 13:56:03.6-2.1, 11.99N, 125.68E, h83km, 19km, mb4.4/6, Error ellipse: s-maj=24.7km s-min=8.0km az=63.0

ISC 17 13:55:55.0-1.6, 12.13N, 0.04, 125.84E, 0.06, h21km, 12km, n46, 0.104/54, mb4.1/17, SC, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 14:04:22.5-1.4, 11.25N, 140.77E, mb3.7/4, mb1 3.9/4, mb1mx3.6/18, mbtmp3.7/4, Error ellipse: s-maj=111.9km s-min=33.2km az=105.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 14:07:55.9-2.1, 11.27N, 140.16E, mb3.5/4, mb1 3.9/4, mb1mx3.6/18, mbtmp3.5/4, Error ellipse: s-maj=279.8km s-min=23.6km az=106.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

IDC 17 13:47:23.6, 11.0, 14.03N, 91.33E, mb4.0/2, mb1 4.0/3, mb1mx3.6/18, mbtmp3.7/3, Error ellipse: s-maj=443.3km s-min=51.3km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

WEL 17 14:15:23.0-0.7, 45.45S, 166.83E, h21km, 2km, ML3.5/7, 1D, Error ellipse: s-maj=6.6km s-min=3.4km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MSLP, Tagbilaran, 2.28 286, eS, Pn, 12 37 36.9 +0.6

After ISK.

MOS 17 17:33:29.2-1.1, 39.92N-40.72E, h10km, mb4.4/37, Error ellipse: s-maj=6.1km s-min=4.8km az=114.3

TIF 17 17:33:30.6, 39.95N-40.76E, h20km, 6km CSEM 17 17:33:30.4-0.1, 39.97N-40.73E, h10km, mb4.2/15, Error ellipse: s-maj=1.8km s-min=1.6km az=135.0

IDC 17 17:33:31.8-1.1, 39.94N-40.86E, h15km, 12km, mb4.0/13, mb1 4.2/18, mb1mx4.1/23, mbtmp4.1/18, ML3.8/4, MS3.5/3, MS1 3.5/3, ms1mx3.0/20, Error ellipse: s-maj=6.7km s-min=8.8km az=6.0

ISC 17 17:33:30.1-0.2, 39.93N-0.02-40.71E-0.02, h10km, n205, +1831/224, mb4.2, 18, MS4.0/2, 7C-2D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Erzurum, Borcka, Batman, etc.

Table with columns: SIM, pmax, pmax, Time, Res, ISC. Lists various stations like BHL Bhannes, CSS Prodhromos, ASF Jabal al Astar, etc.

Table with columns: LPL, LPL, Time, Res, ISC. Lists various stations like La Plagne, Hinf, BNI, etc.

IDC 17 17:41:32.0-0.7, 6.267N-95.84E, mb3.3/2, mb1 3.5/3, mb1mx3.3/1, mbtmp3.2/3, ML3.6/1, Error ellipse: s-maj=232.4km s-min=36.3km az=69.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chiang Mai Arr, Warramunga Arr, etc.

NEIC 17 17:41:51.6, 40.57S-173.29E, h183km, After WEL. WEL 17 17:41:52.6-0.3, 40.61S-173.34E, h176km, ML3.9/8, 7C, Error ellipse: s-maj=1.9km s-min=1.5km az=0.0, Cook Strait

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Quartz Range, Tuamarina, Blackbirch Sta, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like comp=E,90nm,0.6s, smax, PET, UGLR, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like EBER, ESPR, EQES, etc.

IDC 17 17:42:43.6:2.2, 2.60N-95.46E, h22km, 6km, mb3.6/4, mb1 3.8/5, mb1mx3.5/19, mbmtmp3.7/5, ML3.6/1, Error ellipse: s-maj=77.1km s-min=28.1km az=58.0

NEIC 17 17:42:44.0:1.1, 2.56N-95.38E, mb4.2/1, Error ellipse: s-maj=39.7km s-min=17.6km az=69.0

ISC 17 17:42:40.6:1.6, 2.4N-0.952E, 0.3, h24km, h24km, 8km, pP-P, n9, c0523/7, mb3.8/5, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like CMAR, WRA, SONM, etc.

IDC 17 17:45:34.1:2.5, 11.21N-139.87E, mb3.4/3, mb1 3.8/3, mb1mx3.5/17, mbmtmp3.4/3, Error ellipse: s-maj=303.4km s-min=34.3km az=106.0, Western Caroline Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like WRA, ILAR, YKA, etc.

MOS 17 17:51:40.1:1.9, 49.34N-156.82E, h47km, mb3.8/4, Error ellipse: s-maj=36.8km s-min=15.4km az=85.0

IDC 17 17:51:41.7:6.8, 49.31N-156.82E, h33km, 48km, mb3.4/6, mb1 3.9/7, mb1mx3.5/21, mbmtmp3.7/7, ML3.0/1, MS4.0/1, PAU Ms1 3.9/1, ms1mx3.0/12, Error ellipse: s-maj=76.5km s-min=19.4km az=139.0

NEIC 17 17:51:41.6:0.8, 49.35N-156.52E, h35km, 6km, ML2.0, Error ellipse: s-maj=21.9km s-min=14.6km az=105.0

KRSC 17 17:51:43.1:1.0, 49.48N-156.91E, h60km, 33km, ML4.0

ISC 17 17:51:43.8:1.1, 49.52N-0.071569E, 0.1, h65km, 11km, n33, c1916/51, mb3.8/5, 1D, Kuril Islands

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

IDC 17 18:21:57.7:7.6, 10.28N-92.89E, mb3.3/2, mb1 3.5/3, mb1mx3.3/18, mbmtmp3.2/3, ML2.9/1, Error ellipse: s-maj=168.8km s-min=46.2km az=95.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like CMAR, WRA, ASAR, etc.

IDC 17 18:28:17.8:1.0, 14.39N-92.97E, mb3.8/6, mb1 4.1/6, mb1mx3.8/18, mbmtmp3.8/6, ML2.8/1, Error ellipse: s-maj=33.3km s-min=19.3km az=56.0

NEIC 17 18:28:22.0:0.6, 14.41N-93.01E, h30km, mb4.2/2, Error ellipse: s-maj=16.9km s-min=11.0km az=53.0

ISC 17 18:28:21.0:0.8, 14.4N-0.1x93.00E, 0.09, h33km, n9, c058/10, mb3.9/8, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like CMAR, SONM, BVAR, etc.

CSEM 17 18:38:10.8:0.2, 35.00N-3.90W, h12km, MD3.1, Error ellipse: s-maj=6.5km s-min=5.3km az=88.0

MDD 17 18:38:12.5:0.5, 34.99N-3.91W, h5km, 5km, mBLq2, 2/9, Error ellipse: s-maj=5.2km s-min=3.8km az=64.0, PRXIM

CNRM 17 18:38:12.0, 34.98N-3.89W, h6km, MD3.1

NEIC 17 18:38:14.0, 35.16N-3.95W, h6km, MG3.1 (MDD), After MDD

ISC 17 18:38:12.3:0.6, 35.05N-0.034, 0.01W, 0.04, h18km, 6km, n36, c0959/63, Strait of Gibraltar

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

NEIC 17 18:45:51.8:1.0, 8.31N-93.56E, h30km, mb4.0/2, Error ellipse: s-maj=29.3km s-min=17.3km az=67.0

IDC 17 18:45:59.3:3.8, 8.52N-93.94E, h90km, 74km, mb3.4/7, mb1 3.6/8, mb1mx3.5/18, mbmtmp3.7/8, ML4.0/1, Error ellipse: s-maj=77.7km s-min=18.6km az=56.0

ISC 17 18:45:49.6:1.0, 8.3N-0.1x93.6E, 0.2, h30km, n10, c0577/10, mb3.8/9, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like CMAR, LSA, SONM, etc.

NEIC 17 18:46:40.9, 44.97S-167.42E, h100km, ML4.1 (WEL), After WEL

WEL 17 18:46:41.5:0.3, 45.00S-167.48E, h98km, 2km, ML4.0/6, Error ellipse: s-maj=2.2km s-min=1.7km az=90.0, South Island

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MSZ, MSZ, DCZ, etc.

ISC 17 18:48:35.4:4.7, 6.62S-145.32E, mb3.3/2, mb1 3.6/3, mb1mx3.5/11, mbmtmp3.4/3, ML3.4/1, Error ellipse: s-maj=293.3km s-min=41.0km az=19.0, New Guinea

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PMG, PMG, WRA, etc.

IDC 17 18:52:37.2:3.5, 10.15N-92.25E, mb3.8/4, mb1 4.0/5, mb1mx3.7/18, mbmtmp3.8/5, ML3.7/1, MS4.3/1, MS1 4.3/1, s-min=26.7km az=82.0, Andaman Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMI Sogingo Array, WRA Warrungarra Arr, etc.

IDC 17 18:58:04.0-1.0, 11.78N-141.24E, mb3.5/7, mb1 3.8/7, mb1mx3.7/18, mbtmp3.5/7, MS4.2/1, Ms1 4.2/1, ms1mx3.2/14, Error ellipse: s-maj=37.9km s-min=21.8km az=93.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HJH Hachijo jima 2, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 17 18:59:32.7-2.1, 11.34N-92.39E, mb3.4/4, mb1 3.5/5, mb1mx3.4/18, mbtmp3.5/5, ML3.4/1, Error ellipse: s-maj=64.7km s-min=25.1km az=68.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMI Sogingo Array, BVAR Borovoye Array, etc.

MOS 17 19:04:41.5-1.1, 3.49N-92.76E, h33km, mb4.9/12, Error ellipse: s-maj=23.6km s-min=11.9km az=107.0, BUJ 17 19:04:42.8, 3.40N-92.70E, h31km, mb4.5, mb4.4, Ms4.0, Ms2.8

NEIC 17 19:04:42.8, 0.4, 3.44N-92.70E, mb4.7/9, Error ellipse: s-maj=14.4km s-min=7.4km az=45.0, IDC 17 19:04:43.2, 0.8, 3.46N-92.71E, h31km, mb4.9, mb3.9/9, mb1 3.4/1, mb1mx4.0/20, mbtmp4.1/10, ML3.9/1, MS3.2/1, Ms1 3.4/1, ms1mx3.0/27, Error ellipse: s-maj=32.0km s-min=15.0km az=51.0

ISC 17 19:04:40.6-0.5, 3.28N-109.9259E, h32km, h32km, 7km, pP-P, n55, 0195/50, mb4.6/27, MS4.4/1, 1C-2D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, CMAR, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HYB Hyderabad, SHL Shillong, JIRN Jiri, PKI Pulcheki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, KKN Kankani, GKN Koldana, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA, LSA, FITZ Fitzroy Crossi, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONMI Sogingo Array, SONMI, SONMI, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRAB, WB2 Warrungarra Arr, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MALT, BRTR Keskin Array B, BRTR, YAK Yakutsk, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRG Berggiasshubel, KHC Kasperske Hory, LPGA La Plagne, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 17 19:13:15.1, 7.85N-124.93E, h31km, mb3.8, ML2.5, MS2.0, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUKP Musuan, BUKP, CGP Cagayan de Oro, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIV Kislovodsk, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YAK Yakutsk, STKA Stephens Creek, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, MA2, MA2, TIXI Tiksi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIXI, FINES FINESS Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, GERES GERES Array B, LPGA La Plagne, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, PDAR Pinedale Array, NEIC 17 19:33:03.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 17 19:33:04.0-0.9, 33.16S-70.23W, h8km, ML2.5, GUC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FCH Farellones, CLCH Cerro Calan, DSCH Colegio Aleman, etc.

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

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

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

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

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

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

IDC 17 19:52:25.4-2.9, 4.86N-94.74E, mb3.4/4, mb1 3.6/5, mb1mx4.4/18, mbtmp3.4/5, ML4.0/1, Ms4.1/1, ms1mx2.8/14, Error ellipse: s-maj=16.8km s-min=24.6km az=60.0, Off west coast of northern

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Stephens Creek, Malin Array, Magadan, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Urewera, Matawai, Black Stump Fm, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, and other parameters. Includes stations like BVAR, BRVK, MDJ, ASAJ, etc.

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, and other parameters. Includes stations like MUN, VRI, ASPA, KAF, etc.

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, and other parameters. Includes stations like WTTA, WATA, SOTA, etc.

Station status and error information:
IDC 18 03:31:23.7: 1.0, 15.43S: 175.05W, h240km, 147km, mb3.5/6, mb1 3.8/6, mb1mx3.5/14, mbtmp4.1/6, Error ellipse: s-maj=153.0km s-min=24.5km az=153.0
NEIC 18 03:31:23.6: 1.2, 15.32S: 175.13W, h239km, 22km, mb3.7/1, Error ellipse: s-maj=117.0km s-min=13.5km az=150.0
ISC 18 03:31:22.6: 1.6, 15.4S: 0.9-175.1W-0.6, h242km, 29km, n11, 05338, mb3.6/7, Tonga Islands
Code Station Name Az Az2 Phase ID Time Res h m s ISC

s24,c30;Mantle waves: s45,c61; Half duration: 0 Moment tensor: Scale 10^19Nm; ...

ISC 18 04:26:51.2-3.9,20.005-0.07,168.49E-0.07,h29km,27km, n105,19105/51,mb4.7/28,MS4.2/11,8C-40,Vanuatu

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

Table with columns: GERES, GERESS Array B, ARSA, MOA, GRA, GRI, GNF, VOY, STU, MOTA, SQT, WLF, WLF, GIV, BAV, DAIF, DAM, CDF, DAVO, HNF, HAU, MEZF, CABF, FLN, LDF, SSF, GRR, LPL, LPG, SMF, AVF, BNI, SOGF, RCMF, BGF, MBDF, ORIF, SBF, TCF, PGF, VIVF, SRF, MRF, LMF, LAF, LSF, MTF, DBIC. Lists seismic arrays and stations.

IDC 18 04:33:32.9-2.9, 13.66N-90.54W, mb3.8/3, mb1.4/0.4, mb1mx3.6/17, mbtmp3.7/4, ML3.8/1, Error ellipse: s-maj=67.8km s-min=53.0km az=20.0

CASC 18 04:33:37.5-2.6, 13.52N-91.12W, h20km, 13km, MD3.8

ISC 18 04:33:37.3-1.2, 13.45N-91.10W, 0.06, h62km, 11km, n20,10576/26,mb3.8/3,4C-9D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the Guatemala region.

NEIC 18 04:34:43.9-0.7, 31.81S-66.56W, h133km, 13km, mb4.2/1, MD4.1(GUC), Error ellipse: s-maj=12.5km s-min=7.3km

IDC 18 04:34:45.0-4.0, 31.76S-66.64W, h148km, 44km, mb4.0/4, mb1.3/9.6, mb1mx3.6/14, mbtmp4.3/6, Error ellipse: s-maj=43.7km s-min=20.3km az=109.0

GUC 18 04:34:46.2-0.7, 31.88S-66.92W, h160km, MD4.1, ML4.3

ISC 18 04:34:44.1-0.9, 31.84S-66.67W, 0.10, h157km, 14km, n26,19102/30,mb4.2/4,3C-1D,La Rioja Province

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the La Rioja Province region.

Table with columns: LPAZ, LPAZ, USHA, BDFB, SNAO, SYO, SYO, DBIC, WRA. Lists seismic stations and their coordinates.

IDC 18 04:40:57.7-4.3, 11.27N-141.70E, mb4.0/7, mb1.4/2/7, mb1mx3.9/19, mbtmp4.0/7, Error ellipse: s-maj=128.2km s-min=37.4km az=170.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the Western Caroline Islands region.

IDC 18 04:41:08.2-4.4, 2.87S-119.79E, mb3.5/3, mb1.3/8/3, mb1mx3.9/5, mbtmp3.6/3, Error ellipse: s-maj=139.6km s-min=67.7km az=95.0, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the Sulawesi region.

MOS 18 05:01:38.0-0.3, 45.60N-142.62E, h305km, mb3.5/7, Error ellipse: s-maj=27.3km s-min=17.9km az=90.8

SKHL 18 05:01:39.0-0.0, 48.36N-142.49E, h310km, 20km, mb3.9/3, ms4.4/1

JMA 18 05:01:39.3-0.3, 45.50N-142.70E, h305km, 3km, M3.0

NEIC 18 05:01:39.0-0.0, 45.56N-142.66E, h296km, 8km, mb3.8/6, Error ellipse: s-maj=15.5km s-min=11.3km az=158.0

IDC 18 05:01:39.5-1.0, 45.90N-142.68E, h281km, 31km, mb3.2/8, mb1.3/4/8, mb1mx3.2/22, mbtmp3.8/8, Error ellipse: s-maj=60.7km s-min=16.0km az=171.0

ISC 18 05:01:38.5-0.4, 45.56N-142.7E, 0.1, h305km, 4km, n45,19151/53,mb3.4/1,1D,Hokkaido region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the Hokkaido region.

NEIC 18 05:01:39.0-0.0, 45.56N-142.66E, h296km, 8km, mb3.8/6, Error ellipse: s-maj=15.5km s-min=11.3km az=158.0

IDC 18 05:01:39.5-1.0, 45.90N-142.68E, h281km, 31km, mb3.2/8, mb1.3/4/8, mb1mx3.2/22, mbtmp3.8/8, Error ellipse: s-maj=60.7km s-min=16.0km az=171.0

ISC 18 05:01:38.5-0.4, 45.56N-142.7E, 0.1, h305km, 4km, n45,19151/53,mb3.4/1,1D,Hokkaido region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists seismic stations for the Hokkaido region.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ERZC, MYA, MALT, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WWOR, WVR, LENN, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TUC, DARWIN, DAC, etc.

18d 8h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, SCHO Schefferville, GERESS GERESS Array B, etc.

IDC 18 08:26:01.7, 2.5, 4.72N-92.99E, mb3.6/3, mb1 3.9/4, mb1mx3.6/18, mbtmtpp3.7/4, ML4.3/1, MS3.2/2, Ms1 3.2/2, ms1mx2.8/19, Error ellipse: s-maj=79.2km s-min=28.8km az=73.0, Off west coast of northern Sumatra

BUI 18 08:27:43.2, 3.81N-94.63E, h39km, mb5.1, mb4.8, Ms4.8, Ms24.6

MOS 18 08:27:43.2, 1.0, 4.00N-94.56E, h39km, mb4.9/17, Error ellipse: s-maj=14.1km s-min=8.1km az=107.5

IDC 18 08:27:44.9, 0.5, 4.06N-94.52E, h30km, mb4.3/22, mb1 4.4/23, mb1mx4.4/26, mbtmtpp4.5/23, ML5.1/1, MS2.1/2, Ms1 4.2/2, ms1mx3.3/21, Error ellipse: s-maj=20.1km s-min=10.9km az=47.0

NEIC 18 08:27:44.5, 0.3, 4.01N-94.55E, h30km, mb4.8/17, Error ellipse: s-maj=6.0km s-min=2.9km az=49.0

ISC 18 08:27:43.4, 0.3, 4.02N-94.57E, 0.05, h34km, h34km, 1.7km, pp-P, n66, e103/93, mb4.7/51, MS4.7/4, 3C-1D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PALK Pallekte, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

2005 JAN

Table with columns: WMO, AMB, AMB. Includes stations like WMO comp=Z,35nm,4.9s, WMO comp=N,654nm,19.6s,MS4.6, WMO comp=Z,366nm,0.7s, etc.

512

Table with columns: LPGA, pmax, pmax. Includes stations like EKA Eskdalemuir Arr, ESDC Soudley Array, NVAR Mina Array Bea, etc.

IDC 18 08:36:02.5, 0.7, 4.1, 29Sx175.75E, mb4.8/9, mb1 4.8/11, mb1mx4.7/10, mbtmtpp4.8/11, ML4.4/2, MS4.3/6, Ms1 4.3/6, ms1mx3.8/14, Error ellipse: s-maj=18.4km s-min=17.7km az=37.0

WEL 18 08:36:04.2, 0.2, 0.1, 41.46Sx175.07E, h19km, ML5.3/32, Error ellipse: s-maj=0.7km s-min=0.7km az=90.0

BUI 18 08:36:04.4, 4.1, 50S-175.80E, h20km, mb5.7, mb5.4

NEIC 18 08:36:04.4, 4.1, 46S-175.78E, h20km, mb5.1/14, ML5.3(WEL), After WEL

NEIC Felt widely in Wairarapa South and Wellington. Also felt at Palmerston North.

HRVD 18 08:36:04.0, 0.6, 4.1, 42Sx176.02E, h19km, 2km, MW5.2/41, Centroid moment Tensor Solution. LP body waves: s21,c25;Manile waves: s41,c64; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr3,74z,42; Mw=0.12z,30; Mw=0.32z,34; Mw=1.14z,73; Mw=1.33z,25; Mw5.31z,93; Best fit double cou: M67,72z,1018; N17,18z,32z; P1,13z,13z; NP2z,35z,87z,17z,17z; Principal axes: T7,01, Plg58, Azm241; N-564, Plg15, Azm358; P-6,446, Plg27, Azm96; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 18 08:36:09.0, 0.8, 4.1, 61S-02.175, 89E, 0.93hkm, 5km, n146, e104/127, mb5.0/19, MS4.4/5, 15C-14D, North Island

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PAWZ Paruwai Farm, PAWZ Moikau Station, MSWZ Moikau Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Keskin Array B, FINES FINESS Array B, etc.

NEIC 18 10:51:16.1±1.0, 5.26N-94.85E, h30km, mb4.4/3, Error ellipse: s-maj=45.0km s-min=11.0km az=56.0

ISC 18 10:51:30.9±0.5, 3.30N-102.949E±0.3, h187km, 51km, n11, c084/11, mb3.7/9, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CMAR comp=Z, LSA LSA, etc.

NIED 18 10:58:00, 37.20N-138.80E, h8km, Mw3.5 Best double couple: M1.89x10^14 NP1.9±162°, δ66°, λ31°. NP2.0±58°, δ62°, λ153°

JMA 18 10:58:29.9, 37.19N-138.81E, h9km, 1km, M3.1, C-3D Broadband flat plane solution: P waves. NP1.1±13°, δ44°, λ66°. NP2.0±225°, δ50°, λ112°. Principal axes: T Plg73°, Azm200°; N Plg17°, Azm31°; P Plg3°, Azm300°;

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

NIED 18 11:09:00, 37.00N-142.30E, h32km, Mw3.9 Best double couple: M0.7.12x10^14 NP1.9±17°, δ63°, λ102°. NP2.0±173°, δ29°, λ68°

ISC 18 11:09:44.2±1.9, 36.95N-142.37E, mb3.6/4, mb1 3/8/5, mb1mx3.6/21, mb1mx3.7/5, ML3.7/5, Error ellipse: s-maj=65.0km s-min=22.0km az=73.0

JMA 18 11:09:45.4±0.3, 37.01N-142.33E, h25km, 5km, M3.9

ISC 18 11:09:44.3±1.8, 36.96N-142.35E±0.06, h14km, 12km, n15, c082/23, mb3.6/4, 2C-4D, Off east coast of Honshu

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

ISC 18 11:19:13.2±1.4, 23.99S-66.76W, h191km, 10km, mb3.1/3, mb1 3.5/6, mb1mx3.3/13, mb1mx3.7/6, MS2.8/1, Ms1 2.9/1, ms1mx2.6/11, Error ellipse: s-maj=25.9km s-min=16.0km az=23.0

NEIC 18 11:19:13.5±0.9, 24.05S-66.75W, h197km, 7km, Error ellipse: s-maj=17.4km s-min=9.0km az=201.0

ISC 18 11:19:14.1±1.1, 24.15S±0.1, 66.87W±1.1, h201km, 10km, n11, c052/13, mb3.1/3, Salta Province

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

NEIC 18 11:26:52.9±1.7, 29.56N-139.02E, h460km, 16km, mb3.9/2, Error ellipse: s-maj=26.8km s-min=16.5km az=118.0

JMA 18 11:26:53.4±0.1, 29.59N-139.38E, h436km, M3.4

ISC 18 11:26:56.2±1.6, 29.45N-138.87E, h500km, 18km, mb3.0/8, mb1 3.2/10, mb1mx2.9/23, mb1mx4.0/10, Error ellipse: s-maj=23.1km s-min=14.9km az=92.0

ISC 18 11:26:51.3±0.6, 29.50N±0.06, 139.1E±0.1, h465km, 7km, n30, c192/31, mb3.5/10, Southeast of Honshu

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

NEIC 18 11:28:50.6, 38.94S-174.95E, h221km, After WEL

WEL 18 11:28:50.7±0.3, 38.91S-174.99E, h221km, 2km, ML4.0/9, 5C-4D, Error ellipse: s-maj=21.8km s-min=2.7km az=90.0

North Island

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

ISC 18 11:45:59.0±1.7, 14.60N-145.26E, mb3.7/4, mb1 4.0/4, mb1mx3.6/17, mb1mx3.7/4, Error ellipse: s-maj=169.9km s-min=27.2km az=109.0, Mariana Islands

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

0.4nm, 0.5s, baz=305, slow=8.5, SNR=6.7

ASAR Alice Springs 52.59 129 P 11 54 33.8 -2.1

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

MOS 18 11:57:53.0±2.2, 53.57N-91.86E, h10km, mb4.2/2, Error ellipse: s-maj=33.8km s-min=21.8km az=7.1

ISC 18 11:57:54.2±1.1, 53.23N-91.91E, mb3.5/3, mb1 3.8/5, mb1mx3.6/5, mb1mx3.5/2, Error ellipse: s-maj=30.9km s-min=11.0km az=5.0

NIN 18 11:57:56.9±2.9, 52.44N-93.00E, mpv4.0, Error ellipse: s-maj=268.7km s-min=160.8km az=90.0

NEIC 18 11:57:56.1±0.9, 53.23N-91.88E, h10km, mb4.0/2, Error ellipse: s-maj=24.0km s-min=11.4km az=167.0

ISC 18 11:57:54.9±0.8, 53.58N±0.08, 91.4E±0.1, h10km, n18, c121/19, mb3.7/4, 1C-3D, Southwestern Siberia

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

ISC 18 12:15:38.6±1.4, 4.37N-93.91E, mb4.1/4, mb1 4.2/5, mb1mx3.8/19, mb1mx4.0/5, ML3.7/7, Error ellipse: s-maj=70.8km s-min=23.3km az=56.0

NEIC 18 12:15:42.9±0.7, 4.35N-93.89E, h30km, mb4.5/2, Error ellipse: s-maj=25.3km s-min=11.8km az=65.0

ISC 18 12:15:40.4±1.2, 4.3N±0.2, 93.8E±0.3, h30km, n9, c08/33/7, mb4.3/6, Off west coast of northern Sumatra

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

ISC 18 12:28:50.8±2.0, 05S-178.12W, h517km, 29km, mb3.3/6, mb1 3.4/8, mb1mx3.2/16, mb1mx4.2/8, Error ellipse: s-maj=25.0km s-min=18.0km az=170.0

NEIC 18 12:28:52.3±1.0, 20.12S-178.14W, h538km, 16km, mb3.9/9, Error ellipse: s-maj=14.5km s-min=11.5km az=160.0

ISC 18 12:28:51.3±1.5, 20.25S±0.1, 178.2W±0.1, h534km, 26km, n17, c047/16, mb3.9/10, Fiji Islands region

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

18d 14h

Table with columns: STATION, CODE, NAME, AZ, AZ', PHASE ID, ISC, H, M, S, ISC, RES. Includes stations like CHIANG MAI ARR, PULCHOKI, DAMAN, etc.

BUI 18 13:40:37.1, 5.14N, 94.81E, h38km, mb4.8
NEIC 18 13:40:38.0, 0.3, 5.29N, 94.86E, h30km, mb4.8, Error ellipse: s-maj=14.1km s-min=5.6km az=49.0

ISC 18 13:40:37.1, 0.5, 5.26N, 0.09, 94.95, 0.1, h38km, n45, +076/43, mb4.5/32, 1C-1D, North Sumatara

Main station list table with columns: Code, Station Name, AZ, AZ', Phase ID, ISC, H, M, S, ISC, RES. Lists stations from CHIANG MAI ARR to ASAR Alice Springs.

MAN 18 13:48:16.1, 14.30N, 122.14E, h36km, mb3.6, ML2.4, MS1.9, Luzon
IDC 18 13:54:14.0, 4.4, 24.82N, 122.66E, h93km, mb3.5/9, mb1 3.7/11, mb1mx3.5/22, mbtmp4.0/11, Error ellipse: s-maj=31.0km s-min=14.9km az=82.0

Table with columns: Code, Station Name, AZ, AZ', Phase ID, ISC, H, M, S, ISC, RES. Lists stations from JAK Akkeshi to ASAR Alice Springs.

2005 JAN

ASAR Alice Springs 148.42 19 PKPbc PKPdf 14 07 59.8 +1.0
VANDA Vanda 155.79 18n PKPab PKPab 14 08 35.5 +1.4

MAN 18 13:48:16.1, 14.30N, 122.14E, h36km, mb3.6, ML2.4, MS1.9, Luzon

IDC 18 13:54:14.0, 4.4, 24.82N, 122.66E, h93km, mb3.5/9, mb1 3.7/11, mb1mx3.5/22, mbtmp4.0/11, Error ellipse: s-maj=31.0km s-min=14.9km az=82.0

JMA 18 13:54:15.8, 0.1, 24.73N, 122.67E, h95km, 1km, M3.5
TAP 18 13:54:15.4, 24.58N, 122.71E, h85km, 1km, ML4.5
NEIC 18 13:54:15.1, 0.8, 24.80N, 122.66E, h106km, 7km, mb3.7/3, Error ellipse: s-maj=11.8km s-min=10.5km az=59.0

ISC 18 13:54:13.9, 0.5, 24.79N, 0.06, 122.67E, 0.05, h110km, 5km, n31, +0591/44, mb3.6/12, Taiwan region

Table with columns: Code, Station Name, AZ, AZ', Phase ID, ISC, H, M, S, ISC, RES. Lists stations from YOJ Yanaguni jima to YKA Yellowknife Arr.

NIED 18 14:09:00.42, 80N, 145.00E, h50km, Mw6.2 Best double couple: M2.4x10^18 NP1:phi30, delta, lambda81. NP2:phi229, delta, lambda107

DHMR 18 14:09:01.2, 3.0, 42.92N, 144.95E, h10km, mb6.3
BUI 18 14:09:04.5, 0.9, 42.91N, 144.88E, h42km, mb6.4/13, Ms6.0, Ms26.0

MOS 18 14:09:04.5, 0.9, 42.91N, 144.88E, h42km, mb6.4/13, Ms6.0, Ms26.0
MOS 18 14:09:04.5, 0.9, 42.91N, 144.88E, h42km, mb6.4/13, Ms6.0, Ms26.0

MOS Felt (III) at Malokuril'skoe, Yuzhno-Kuril'sk; (II-III) at Kuril'sk
JMA 18 14:09:06.6, 0.1, 42.88N, 145.01E, h50km, 1km, M6.4

NEIC 18 14:09:06.2, 0.1, 42.95N, 144.87E, h42km, mb6.3/28, M6.1, MS5.7/110, MW6.3, MW6.2(NIED), Error ellipse: s-maj=7.7km s-min=2.2km az=159.0

NEIC Felt widely on Hokkaido and at Misawa, Honshu. Felt [III] on Shikotan, at Kuril'sk, Iturup and at Yuzhno-Kuril'sk, Kunashir. Recorded [5U JMA] in the Kushiro area; [5L JMA] in eastern Hokkaido; [4 JMA] in south-central Hokkaido; [3 JMA] in the Tomakomai area; [2 JMA] in central and southwestern Hokkaido. Also recorded [3 JMA] in Aomori; [2 JMA] in Iwate and Miyagi; [1 JMA] in Akita, Fukushima and Ibaraki Prefectures, Honshu.

HRVD 18 14:09:06.2, 0.1, 42.80N, 145.06E, h53km, MW6.2/75, Centroid moment tensor solution. LP body waves: s69, c169; Mantle waves: s75, c279; Half duration: 360 Moment tensor: Scale 10^18Nm; Mr: 1.69e+02; Ms: 0.82e+02; Mw: 0.86e+02; Mo: 0.42e+02; Mo0: 1.29e+01; Mr: 1.32e+01; Best double couple: Ms: 2.38e+1018 NP1: phi222, delta36, lambda104; Principal axes: T: P1g77, Azm261; N: P1g0; Azm0; P: P1g9; Azm122; Moment Tensor Solution: s53 Moment tensor: Scale 10^18 Nm; Ms: 2.08; Mw: 0.98; Mo: 1.10; Mo0: 3; Mr: 1.8; Mr0: 8; Best double couple: Ms: 2.9x10^18 NP1: phi239, delta27, lambda118; NP2: phi28, delta66, lambda76; Principal axes: T: 2.89, P1g66, Azm274; N: -0.04, P1g12; Azm33; P: -2.86, P1g20; Azm128; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt widely on Hokkaido and at Misawa, Honshu. Felt [III] on Shikotan, at Kuril'sk, Iturup and at Yuzhno-Kuril'sk, Kunashir. Recorded [5U JMA] in the Kushiro area; [5L JMA] in eastern Hokkaido; [4 JMA] in south-central Hokkaido; [3 JMA] in the Tomakomai area; [2 JMA] in central and southwestern Hokkaido. Also recorded [3 JMA] in Aomori; [2 JMA] in Iwate and Miyagi; [1 JMA] in Akita, Fukushima and Ibaraki Prefectures, Honshu.

Table with columns: Code, Station Name, AZ, AZ', Phase ID, ISC, H, M, S, ISC, RES. Lists stations from JAK Akkeshi to JRA Rausu.

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Table with columns: STATION, CODE, NAME, AZ, AZ', PHASE ID, ISC, H, M, S, ISC, RES. Includes stations like CHURUI, ABASHIRI-TOKO, YUZH-KURIL'SK.

JEM Erinmo 1.53 239 P P 14 09 32.6 +1.8
JMP Maruseppu 1.64 317 P P 14 09 34.0 +1.7
JNBK Urakawa-nobuka 1.69 252 P P 14 09 34.4 +1.4

ASAJ comp=E, 2.0um, 0.3s, baz=337, slow=17, SNR=6.4
ASAJ Asahikawa 2.13 308 P P 14 09 41.4 +2.2
ASAJ JHR Hokuryu 2.50 293 P P 14 09 46.9 +2.3

ASAJ JEW Eniwo 2.55 272 P P 14 09 47.2 +2.0
ASAJ JSS Shosan 2.75 306 P P 14 09 50.4 +2.7
ASAJ JNB Noboribetsu 2.88 264 P P 14 09 51.4 +1.4

ASAJ JYG Yagishiri 3.00 303 P P 14 09 53.4 +1.8
ASAJ JKB Kayabe 3.03 253 P P 14 09 54.3 +2.3
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
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ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
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ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

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ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
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ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2
ASAJ KUR Kuril'sk 3.21 400/PN P S 14 09 52.4 -2.2

Table with columns: Code, Station Name, AZ, AZ', Phase ID, ISC, H, M, S, ISC, RES. Lists stations from JNS Sasagawa to TYV Tymoyskoe.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HMF, HAU, ULC, QSH, BBS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCM, SLM, FEINE, BGF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GELF, WCI, WCI, GELF, etc.

18d 15h

2005 JAN

Table with columns: Station, City, Frequency, Power, Modulation, and other technical details. Includes stations like SARGP, DLH, AML, BHK, VAN, UCH, etc.

Table with columns: Station, City, Frequency, Power, Modulation, and other technical details. Includes stations like LSA, LSA, LSA, LSA, HYB, HYB, HYB, etc.

Table with columns: Station, City, Frequency, Power, Modulation, and other technical details. Includes stations like MOS, LZH, LZH, LZH, LZH, LZH, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 18 16:56:37, LZH Lanzhou, XAN Xi'an, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NOA, HFS Hagfors, HFS, ISK 18 17:27:31, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNT Kendrikon, SLUM GRIVA, KKB Krupnik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EAZ Earnscleugh, WANAKA, JACKSON BAY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, ULN Ulanbaatar, KURK Kurk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kasperke Hory, Grafenberg Arr, and various other locations.

IDC 18 20:45:23.4-1.2, 17.30S/167.39E, mb4.0/9, mb1 4.2/9, mb1mx3.4/18, mbtmp3.4/19, Error ellipse: s-maj=31.4km s-min=27.2km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Charters Tower, and various other locations.

NEIC 18 20:51:01.1-0.6, 6.57N-92.84E, h30km, mb4.5/3, Error ellipse: s-maj=20.2km s-min=12.3km az=56.0

IDC 18 21:03:1.1-1.0, 6.73N-93.13E, h42km, mb3.6/10, mb1 3.9/11, mb1mx3.7/19, mbtmp3.9/11, ML4.1/1, MS2.5/10, Ms1 2.7/1, ms1mx2.6/24, Error ellipse: s-maj=42.1km s-min=16.5km az=72.0

IDC 18 20:51:00.7-0.7, 6.6N-91.92E-0.1, h42km, h42km, 4km; p-P, n23, o081/23, mb4.1/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Boroyove Array, and various other locations.

IDC 18 20:57:41.7-1.2, 12.89N-91.82E, mb3.5/5, mb1 3.6/6, mb1mx3.5/19, mbtmp3.4/6, ML3.2/1, Error ellipse:

s-maj=35.0km s-min=23.5km az=75.0 NEIC 18 20:57:46.5-0.8, 12.92N-91.92E, h30km, mb4.3/2, Error ellipse: s-maj=22.6km s-min=15.7km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:00:50.5-2.4, 12.74N-95.73E, mb3.6/4, mb1 3.7/5, mb1mx3.5/18, mbtmp3.5/5, ML3.0/1, Error ellipse: s-maj=83.4km s-min=21.9km az=71.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

CSEM 18 21:01:08.0-0.3, 36.89N-27.74E, h8km, MD3.1, Error ellipse: s-maj=7.3km s-min=4.3km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kayabasi, BDRM, and various other locations.

IDC 18 21:05:01.8-1.1, 14.52N-92.45E, mb3.6/5, mb1 3.7/6, mb1mx3.5/19, mbtmp3.5/6, ML3.2/1, Error ellipse: s-maj=32.5km s-min=20.6km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

NEIC 18 21:05:06.4-0.8, 14.59N-92.54E, h30km, mb4.0/2, Error ellipse: s-maj=20.7km s-min=14.0km az=51.0

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

CSEM 18 21:19:30.4, 23.08S-178.30E, h33km, mb5.8 MOS 18 21:20:39.8-1.0, 22.84S-179.06E, h56km, mb5.3/24, Error ellipse: s-maj=9.8km s-min=8.4km az=146.2

BUI 18 21:20:31.8, 22.49S-178.77E, h56km, mb5.5, mb5.1 IDC 18 21:20:31.9, 0.4-2.2, 97S-179.04E, h58km, mb3.6/6/27, mb1 4.7/29, mb1mx4.7/29, mbtmp5.5/29, Error ellipse: s-maj=9.6km s-min=6.2km az=160.0

HRVD 18 21:20:37.5-0.2, 22.88S-179.27E, h59km, 1km BGS 18 21:20:37.5-0.2, 22.90S-179.04E, h59km

IDC 18 21:20:30.3-0.7, 23.01S-179.02E-0.03, h57km, 8km, h57km, 2.0km; p-P, n499, o103/250, mb5.3/77, 76C-48D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, DZM, and various other locations.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Quartz Range, Nelson, and various other locations.

IDC 18 21:00:50.5-2.4, 12.74N-95.73E, mb3.6/4, mb1 3.7/5, mb1mx3.5/18, mbtmp3.5/5, ML3.0/1, Error ellipse: s-maj=83.4km s-min=21.9km az=71.0, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like TBI, TBI, and various other locations.

IDC 18 21:01:10.1-1.1, 36.93N-0.06-27.82E-0.05, h11km, 5km, n10, o093/16, Decedance Islands

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Kayabasi, BDRM, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

IDC 18 21:05:04.2-0.9, 14.6N-91.02E-0.09, h30km, n8, o088/9, mb3.7/7, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, and various other locations.

Table with columns for station call letters, frequency, and other technical details. Includes stations like SJG, BRVK, BDFB, FRB, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KWP, CFR, EKA, BWH, GMS, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like WET, GECZ, GERES, HGN, etc.

Table with columns: JMM, Marumori, 4.74 343, P, P, 21 23 47.1 -2.1, etc.

IDC 18 21:35:16.3:16.0, 3.36N-95.46E, h127km, 134km, mb3.1/3, mb1 3.2/4, mb1mx3, 1/18, mbmp3.5/4, ML3.9/1, Error ellipse: s-maj=133.0km s-min=26.2km az=58.0, Off west coast of northern Sumatra

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

ATH 18 21:39:43.9, 39.95N-20.53E, h21km, 2km, MD3, 2/4, NEIC 18 21:39:43.9, 39.95N-20.53E, h21km, MD3, 2(ATH), After ATH.

THE 18 21:39:46.7, 39.74N-20.40E, h10km, ML2.8, CSEM 18 21:39:47.2, 39.73N-20.40E, h2km, ML2.8, Error ellipse: s-maj=6.8km s-min=4.5km az=144.0

ISC 18 21:39:45.5, 1.1, 39.76N, 0.05, 20.33E, 0.06, h8km, 8km, n11, r124/19, Greece-Albania border region

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

IDC 18 21:41:43.3:0.6, 33.34N, 142.37E, mb4.2/15, mb1 4.3/18, mb1mx4, 2/25, mbtmp4.3/18, ML4.4/3, Error ellipse: s-maj=19.6km s-min=13.4km az=98.0

JMA 18 21:41:45.0, 33.38N, 142.40E, h76km, M3.9, BUJ 18 21:41:45.0, 33.39N, 142.19E, h19km, mb4.9, mb4.4

MOS 18 21:41:45.0, 9.9, 33.32N, 142.40E, h33km, mb4.5/14, Error ellipse: s-maj=20.6km s-min=9.8km az=119.0

NEIC 18 21:41:47.3:6.3, 33.35N, 142.32E, h29km, 25km, mb4.6/12, Error ellipse: s-maj=12.2km s-min=6.8km az=86.0

ISC 18 21:41:44.7:1.5, 33.40N, 0.04, 142.40E, 0.05, h25km, 10km, n84, r107/103, mb4.4/33, 1C, Off east coast of Honshu

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

IDC 18 21:57:20.9:4.4, 7.74N-91.14E, mb3.7/2, mb1 4.0/2, mb1mx3.5/15, mbtmp3.7/2, Error ellipse: s-maj=118.8km s-min=32.2km az=78.0, Nicobar Islands region

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

Table with columns: KURK, Kurchatov, 48.86 311, eP, P, 21 50 30.0 +0.2, etc.

Table with columns: ILAR, Elieson Array, 52.16 31, P, Pmax, 21 50 55.3 +0.3, etc.

Table with columns: AAK, Ala-Archa, 52.99 301, eP, Pmax, 21 51 00.3 -1.3, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: WRA, Warramunga Arr, 53.59 189, P, Pmax, 21 51 05.3 -0.9, etc.

Table with columns: NANT, Van, 12.47 31, P, P, 22 07 40.0 +3.2, etc.

Table with columns: VIS, Vishakhapatnam, 14.13 314, eP, P, 22 07 54.8 -4.0, etc.

Table with columns: VIS, Vishakhapatnam, 14.13 314, eP, P, 22 07 56.0 -2.8, etc.

Table with columns: IMP, Imphal, 16.60 360, eP, P, 22 08 29.2 -1.4, etc.

Table with columns: SHL, Shillong, 17.49 354, eP, P, 22 08 41.0 -0.8, etc.

Table with columns: HYB, Hyderabad, 17.68 303, iP, P, 22 08 44.0 -0.2, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

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Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

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Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

Table with columns: BLS, Bilaspur, 18.04 322, eP, P, 22 08 47.8 -0.8, etc.

18d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKZ Chkalovo, GNI Garmi, TI2 Tlekanov, etc.

WEL 18 23:41:09.7, 0.3, 45.09S, 167.43E, h87km, 2km, ML4.2/7, Error ellipse: s-maj=2.4km s-min=1.3km az=90.0

NEIC 18 23:41:09.9, 45.06S, 167.40E, h79km, ML4.2(WEL), After WEL

ISC 18 23:41:08.5, 1.2, 45.09S, 0.05S, 167.54E, 0.08, h95km, 8gkm, n20, e097/37, 3C-6D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCY Jackson Bay, TUZ Tuapeka, etc.

JMA 18 23:41:39.2, 0.2, 23.82N, 121.76E, h28km, M2.9

TAP 18 23:41:38.1, 23.73N, 121.73E, h31km, ML3.6, Taiwan

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

NEIC 18 23:43:00.3, 3.0, 32.06S, 179.59W, h152km, 24km, mb4.7/6, Error ellipse: s-maj=31.0km s-min=13.3km az=209.0

IDC 18 23:43:06.7, 4.3, 32.60S, 179.77W, h207km, 40km, mb4.0/5, mb1.4, 2.7, mb1mx3.9/16, mbtmp4.6/7, Error ellipse: s-maj=27.7km s-min=20.5km mbaz=13.0

ISC 18 23:43:08.7, 1.5, 32.75S, 0.1, 179.9E, 0.1, h228km, 15gkm, n59, e125/54, mb4.3/10, 2C-2D, South of Kermadec

Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUK Puketiti, etc.

URZ 20m, 0.3s, baz=8.0, slow=1.1, SNR=54

URZ 40m, 0.3s, baz=154, slow=23, SNR=15

URZ 1.0m, 0.3s, baz=344, slow=16, SNR=6.5

STKA 1.5m, 0.8s, mb3.6, baz=97, slow=11, SNR=5.0

CTA 6.1m, 0.5s, mb4.4, baz=94, slow=9.3, SNR=10

ASAR 5.5m, 0.5s, mb4.2, baz=108, slow=7.6, SNR=63

ASPA 1.5m, 0.7s, mb4.6, baz=115, slow=7.7, SNR=158

KAKA 20m, 0.8s, mb4.5, az=167, 283/1/P

FITZ 5.1m, 0.5s, mb4.2

QSPA 42m, 0.6s, mb5.2

NVAR 0.9m, 0.7s, mb3.8, baz=216, slow=4, SNR=7.7

RES 0.9m, 0.7s, mb3.8, baz=216, slow=4, SNR=7.7

BVAR 0.9m, 0.7s, mb3.8, baz=216, slow=4, SNR=7.7

ARCES 0.9m, 0.7s, mb3.8, baz=216, slow=4, SNR=7.7

JOF 143.84, 338 epkp

KAF 146.06, 338 epkp

FINES 7.1m, 0.5s, baz=54, slow=5.1, SNR=69

NB2 2.1m, 0.5s, baz=17, slow=2.0, SNR=3.7

NOA 2.9m, 0.5s, baz=16, slow=4.2, SNR=8.7

NOA 1.0m, 0.6s, baz=18, slow=2.9, SNR=4.7

HFS 3.7m, 0.6s, baz=117, slow=3.2, SNR=26

HFS 2.0m, 0.4s, baz=63, slow=3.2, SNR=12

AKASE 2.0m, 0.4s, baz=63, slow=3.2, SNR=12

538

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VIS Vishakhapatnam, PALK Pallekele, etc.

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

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BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

BLSP 13.19, 360 e

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIV Kislovodsk, WRA Warramunga Arr, WRAB Tennant Creek, etc.

ADC 18 23:50:34.70.0.54.25N:35.14W,mb3.8/11,mb1 4.0/14,mb1mx3.8/24,mbtmp3.8/14,ML3.3/3,MS4.1/3,Ms1 4.1/3,ms1mx3.1/31, Error ellipse: s-maj=27.4km s-min=15.2km az=11.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUMG Summit, EKA Eskdalemuir Arr, EKA Eke, FRB Froberish Bay, etc.

ADC 18 23:50:34.70.0.54.25N:35.14W,mb3.8/11,mb1 4.0/14,mb1mx3.8/24,mbtmp3.8/14,ML3.3/3,MS4.1/3,Ms1 4.1/3,ms1mx3.1/31, Error ellipse: s-maj=27.4km s-min=15.2km az=11.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHKZ Chkalovo, BRTR Keskin Array B, ARCES ARCES Array B, etc.

ADC 19 00:39:20.0.7.2.18.05S:177.32W,mb3.5/4,mb1 3.9/4,mb1mx3.7/13,mbtmp3.5/4, Error ellipse: s-maj=134.8km s-min=29.9km az=152.0, Fiji Islands region

IDC 19 06:08:37.3-0.5, 8.22N-94.13E, mb4.6/21, mb1 4.7/22, mb1mx4.7/24, mbtmp4.6/22, ML4.0/1, Error ellipse: s-maj=27.8km s-min=12.3km az=53.0
 BUJ 19 06:08:40.8, 7.81N-93.98E, h50km, mb5.0, mb4.7, Ms5.1, Ms2.7
 MOS 19 06:08:40.5-1.9, 8.25N-94.24E, h33km, mb5.1/18, Error ellipse: s-maj=14.6km s-min=7.8km az=113.7
 NEIC 19 06:08:41.5-0.3, 8.22N-94.23E, mb4.8/25, Error ellipse: s-maj=9.6km s-min=6.9km az=61.0

ISC 19 06:08:39.9-0.3, 8.22N-0.05-94.20E, 0.05, h26km, h26km, 9km, p-P, n128, r1511/129, mb4.7/53, MS4.6/3, GC-4D, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h	m	s
SNG	Songkhla	6.45	99	Op	06 10 20.0	+4.3	
NNT	Nongplab	6.96	51	P	06 10 23.2	+0.2	
NMST	Nakhon Sawan	9.41	38	P	06 10 58.0	+1.0	
CMAR	Chiang Mai Arr	11.17	24	Pn	06 11 22.1	+0.8	
CHG	Chiang Mai	11.49	23	IP	06 11 28.0	+2.4	
PALK	Pallekele	14.31	267	P	06 11 58.7	+7.5	
VIS	Vishakhapatnam	18.18	313	eP	06 12 00.3	-1.1	
VIS	comp=Z,34nm,0.7s			eS	06 12 04.7		
VIS	Bhubaneswar	14.49	327	eP	06 14 30.1	-8.8	
BWNR	BWNR			e	06 12 02.9	-2.6	
BWNR	BWNR			e	06 12 05.9		
IMP	Impal	16.47	359	eP	06 12 29.6	-1.4	
SHL	Shillong	17.39	353	eP	06 12 40.5	-2.1	
HYB	Hyderabad	17.77	302	eP	06 12 48.0	+0.7	
HYB	comp=Z,40nm,1.0s			eS	06 15 56.0	-6.1	
HYB	Hyderabad	17.77	302	iP	06 12 48.0	+0.7	
HYB	comp=Z,40nm,1.0s			eS	06 15 56.0	-6.1	
BLSP	Bilaspur	18.06	321	eP	06 12 47.9	-3.1	
BLSP	comp=Z,20nm,1.3s			P	06 12 53.1		
QIZ	Qiongzong	18.60	53	P	06 12 59.8	+2.2	
QIZ	comp=Z,318nm,4.8s			P	06 13 21.8	+0.3	
JIRN	Jiri	20.77	340	eP	06 13 21.8	+0.3	
PKI	Pulchok	20.97	338	eP	06 13 23.8	+0.2	
DMN	Daman	21.12	337	eP	06 13 25.2	+0.1	
KKN	Kakani	21.21	338	eP	06 13 25.8	-0.3	
LSA	Lhasa	21.56	353	P	06 13 29.4	-0.2	
LSA	comp=Z,30nm,1.1s,mb4.6			eP	06 13 29.6	0.0	
LSA	Lhasa	21.56	353	eP	06 13 29.6	+0.1	
GKN	Gorkha	21.65	337	eP	06 13 29.7	-0.8	
KOLN	Koldanda	21.88	334	eP	06 13 32.4	-0.3	
BHPL	Bhopal	21.96	315	eP	06 13 36.0	+2.4	
BHPL	comp=Z,59nm,1.0s			P	06 13 41.7		
POO	Poona	22.27	299	IP	06 13 38.5	+1.8	
NDI	New Delhi	25.89	324	eP	06 14 12.0	+0.4	
NDI	comp=Z,39nm,1.1s,mb4.8			eP	06 14 14.8	+0.4	
ENH	Enshi	26.20	31	eP	06 14 20.8	+1.9	
DDI	Dehra Dun	26.68	328	eP	06 14 40.3	-0.1	
XAN	Xi'an	29.06	26	P	06 14 40.3	-0.1	
XAN	comp=Z,13nm,1.2s,mb4.5			AMB	06 14 42.1	+1.3	
LZH	Lanzhou	29.10	16	IP	06 14 51.2	+2.9	
LZH	comp=Z,39nm,1.5s,mb4.9			AMB	06 14 51.2	+2.9	
LZH	comp=Z,113nm,6.3s			AMB	06 14 51.2	+2.9	
LZH	comp=N,446nm,13.2s			LR	06 15 12.8	-2.1	
NJ2	Nanjing	32.97	41	eP	06 15 12.8	-2.1	
NJ2	comp=Z,710nm,5.6s			LR	06 15 49.9	-1.5	
NJ2	comp=N,3um,15.2s,MS5.1			LR	06 15 52.0	+1.8	
NJ2	comp=E,2um,17.3s,MS5.1			LR	06 16 01.9	+0.9	
NJ2	comp=Z,2um,14.6s,MS4.8			LR	06 16 00.6	-0.5	
WMQ	Urumqi	35.92	352	eP	06 15 42.0	+1.9	
WMQ	comp=Z,5.0nm,0.9s,mb4.4			AMB	06 15 49.3	+1.5	
WMQ	comp=Z,5.0nm,0.9s,mb4.4			AMB	06 17 03.6	+1.8	
WMQ	comp=Z,44nm,4.8s			LR	06 16 00.7	-0.3	
WMQ	comp=N,765nm,19.3s,MS4.6			LR	06 16 00.7	-0.3	
WMQ	comp=E,688nm,19.9s,MS4.6			LR	06 16 00.7	-0.3	
WMQ	comp=Z,956nm,20.0s,MS4.6			LR	06 16 00.7	-0.3	
BJT	Baijiautau	37.26	28	eP	06 15 49.9	-1.5	
BJT	comp=Z,7.0nm,0.6s			eP	06 15 49.9	-1.5	
UCH	Uchter	38.06	338	P	06 15 59.0	+0.8	
AML	Almayashu	38.32	335	P	06 16 02.1	+1.8	
AAK	Ala-Archa	38.41	336	P	06 16 01.9	+0.9	
AAK	Ala-Archa	38.41	336	IP	06 16 00.6	-0.5	
AAK	comp=Z,17nm,1.3s,mb4.6			eP	06 16 00.7	-0.3	
CHMS	Chumysh	38.62	337	P	06 16 03.0	+0.2	
EKS	Erkin-Say	38.72	336	P	06 16 04.0	+0.3	
USP	Ospenovka	38.95	337	P	06 16 05.6	+0.1	
MKAR	Makanchi Array	39.77	347	eP	06 16 11.7	-0.6	
MKAR	comp=Z,15nm,0.9s			P	06 16 21.8	+0.9	
SOMM	Songino Array	40.81	13	P	06 16 23.5	+1.2	
ULN	Ulaanbaatar	40.99	13	eP	06 16 23.5	+1.2	
ULN	comp=Z,3.0nm,0.8s,mb4.0			eP	06 16 23.4	+1.1	
ULN	comp=Z,3.2nm,0.8s,mb4.0			eP	06 16 46.8	-0.2	
TYL	Talaya	44.02	8	eP	06 16 46.8	-0.2	
TYL	comp=Z,2.0nm,0.6s,mb4.0			eP	06 16 46.8	-0.2	
TYL	comp=Z,1.8nm,0.6s,mb4.0			eP	06 16 48.5	-0.8	
KURK	Kurchatov	44.29	346	eP	06 16 48.5	-0.8	
KURK	comp=Z,33nm,1.2s,mb4.9			eP	06 16 48.5	-0.8	
ZAL	Zalesovo	46.22	352	P	06 16 03.7	-0.8	
NWAO	Narogin (SRO)	46.43	153	eP	06 16 06.0	-0.5	
NWAO	comp=Z,20nm,1.1s			P	06 16 06.0	-0.5	
NWAO	Narogin (SRO)	46.43	153	eP	06 16 06.0	-0.5	
WRA	Warramunga Arr	48.41	126	P	06 17 20.9	-1.3	
WRA	comp=Z,2.7nm,0.6s,mb4.5,baz=308,slow=8.6,SNR=34			PcP	06 18 48.6	-0.1	

WRAB	Tennant Creek	48.42	126	IP	06 17 21.7	-0.6	
WRAB	Tennant Creek	48.42	126	eP	06 17 20.2	-0.6	
BVAR	Borovoy Array	48.68	341	P	06 17 22.4	-1.4	
BVAR	comp=Z,14nm,0.9s,mb5.4			PcP	06 18 49.8	+0.6	
BVAR	comp=Z,2.4nm,0.7s,baz=124,slow=5.4,SNR=5.4			PcP	06 17 23.7	-0.6	
BRVK	Borovoy	48.74	341	eP	06 17 23.7	-0.6	
BRVK	comp=Z,3.0nm,0.8s,mb4.4			eP	06 17 23.7	-0.6	
RAYN	Ar Rayn	49.00	294	P	06 17 27.7	+1.0	
ASAR	Alice Springs	50.09	130	P	06 17 33.5	-1.6	
ASAR	comp=Z,2.9nm,0.7s,mb4.4,baz=302,slow=7.4,SNR=19			PcP	06 18 55.3	+0.6	
GNI	Garni	54.24	314	eP	06 18 07.0	+1.1	
GNI	comp=Z,16nm,1.0s			eP	06 18 05.2	-0.7	
GNI	Garni	54.24	314	eP	06 18 07.0	+1.1	
GNI	comp=Z,16nm,1.0s			eP	06 18 13.4	+1.4	
PVG	Sverdlovsk	55.10	338	eP	06 18 16.7	+0.6	
PVG	Port Moresby	55.58	107	P	06 18 16.7	+0.6	
ARU	Arti	55.60	337	IP	06 18 10.2	-5.4	
ARU	Arti	55.60	337	eS	06 25 52.3	-5.6	
ARU	comp=Z,13nm,1.0s,mb4.9			pmx	06 18 26.1	-0.5	
KIV	Kislovodsk	57.10	318	IP	06 18 25.7	-0.9	
KIV	comp=Z,10.0nm,0.6s,mb5.0			pmx	06 18 32.0	+2.1	
KIV	Kislovodsk	57.10	318	eP	06 18 31.7	+1.8	
KIV	comp=Z,13nm,0.8s			eP	06 18 31.6	+1.7	
KMBO	Kilima Mbogo	57.52	263	iP	06 18 33.8	-1.1	
KMBO	comp=Z,6.0nm,1.1s,mb4.5			pmx	06 18 33.8	-1.2	
SOKR	Solkamsk	58.50	339	IP	06 18 36.0	-0.1	
SOC	Sochi	59.07	316	eP	06 19 23.6	-0.7	
SOC	comp=Z,34nm,1.0s,mb5.3			pmx	06 22 10.2	-6.0	
SOC	Sochi	59.07	316	eS	06 26 42.5	-0.1	
SOC	comp=N,12nm,0.8s			pmx	06 18 47.5	-1.4	
STKA	Stevens Creek	60.30	134	P	06 18 59.4	-1.7	
VRSR	Storozhevo	62.13	324	eP	06 19 00.2	-1.8	
VRSR	comp=Z,7.0nm,0.7s,mb4.9			pmx	06 19 18.1	-0.5	
VRSR	comp=N,10.0nm,1.3s			pmx	06 19 17.7	-2.9	
BRTR	Keskin Array B	62.25	311	P	06 19 18.3	-2.3	
MOS	Moscow	64.82	329	eP	06 19 36.0	-2.5	
OBN	Obninsk	65.12	328	eP	06 19 41.2	-0.7	
OBN	comp=Z,10.0nm,0.5s,mb5.1			pmx	06 19 49.4	+1.0	
OBN	Obninsk	65.12	328	P	06 19 49.4	+1.0	
AKAS	Malin Array Be	67.92	322	P	06 19 53.3	-1.2	
IDI	Anoyia	68.42	305	P	06 20 01.1	-1.1	
LSZ	Lusaka	69.44	250	eP	06 20 01.1	-1.1	
LSZ	comp=Z,5.0nm,0.8s,mb4.5			pmx	06 20 01.1	-1.1	
LSZ	Lusaka	69.44	250	eP	06 20 01.1	-1.1	
LSZ	comp=Z,4.5nm,0.8s,mb4.2			eP	06 20 01.1	-1.1	
JOF	Joensuu	70.56	334	eP	06 20 01.1	-1.1	
KWP	Kalwaria	71.81	320	eP	06 20 01.1	-1.1	
KWP	comp=Z,29nm,1.2s,mb5.1			eP	06 20 01.1	-1.2	
FINES	FINES Array B	72.44	332	P	06 20 05.0	-0.8	
CRVS	Cervenica-Tubn	72.51	319	iP	06 20 07.5	+1.1	
CRVS	comp=Z,7.7nm,0.8s,mb4.7,baz=98,slow=6.7,SNR=26			IP	06 20 15.9	+1.3	
KAF	Kangasniemi	72.51	333	eP	06 20 04.2	-2.0	
KAF	comp=Z,3.5nm,0.6s,mb4.5			pmx	06 20 04.2	-2.0	
PSZ	Piszkesteto	73.43	317	eP	06 20 11.3	-0.5	
OJC	Ojcow	73.75	320	eP	06 20 14.0	+0.4	
VYHS	Vyhne	74.19	318	eP	06 20 16.1	-0.1	
KEY	Kevo	74.53	341	IP	06 20 24.5	+0.1	
OKC	Ostrava-Krasne	74.77	319	eP	06 20 17.3	-0.5	
ARCES	ARCESS Array B	74.96	340	P	06 20 20.2	+0.7	
ZST	Bratislava	75.32	318	IP	06 20 20.0</		

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MTA Mtasmina, WDC Whiskeytown Da, ZEI Tsey, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like NOA NORSAR Array B, ERZCAN Erzincan, GINT Diego Garcia, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like GPK Gorka Kiasztor, GPK Gorka Kiasztor, GPK Gorka Kiasztor, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SONM Sogingo Array, ZAL Zalesovo, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ILAR Eielson Array, CHZK Chkalovo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAD Karad, DMN Daman, KKN Kakani, etc.

WEL 19 08:28:17.5,0.4,41.465x175.74E,h16km,2km,ML3.6/12, 9C-3.0, Error ellipse: s-maj=2.7km s-min=1.9km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PAWZ Paruwai Farm, MTW Mount Morrison, MSWZ Moikau Station, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NJ2 Nanjing, SSE Sheshan, SSE Shezhan, etc.

NIED 19 08:31:00.34,00N,141.70E,h5km,Mw4.7 Best double couple: M1.37x1016 Np1.3x255°, 889°, 193°. Np2.0x354°, 83°, 19°

IDC 19 08:31:05.0,0.6,33.97N-141.67E,mb4.1/17,mb1 4.3/19,mb1 mx4.3/24,mbtmp4.1/19,ML4.0/2, Error ellipse: s-maj=18.3km s-min=13.9km az=116.0, JMA 19 08:31:07.8,0.8,33.98N-141.67E,h33km,Ms3.9, MOS 19 08:31:07.6,1.0,33.89N-141.71E,h36km,mb4.4/18, Error ellipse: s-maj=20.4km s-min=9.6km az=113.1, BUJ 19 08:31:08.7,34.02N-141.55E,h23km,mb4.9,mb4.3, Ms4.5,Ms4.3, NEIC 19 08:31:10.3,1.6,33.90N-141.58E,h39km,14km,mb4.4/9, Error ellipse: s-maj=12.6km s-min=8.5km az=101.0, ISC 19 08:31:07.9,0.3,33.93N-141.65E,0.05,h33km,n77, s=111/80,mb4.1/27,MS4.3/1, Off east coast of Honshu

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO4 Boso 4, JHU2 Mitsune, JHU3 Hachijo jima 2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SNG Songkhla, NNT Nongplab, NST Nakhon Sawan, etc.

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

BUJ 19 08:44:56.8, 7.08N-93.19E,h30km,mb5.5,mb5.1,Ms4.4, Ms4.3, MOS 19 08:45:02.5,0.9,7.80N-93.44E,h33km,mb5.2/14, Error ellipse: s-maj=22.8km s-min=10.8km az=99.6, NEIC 19 08:45:05.2,0.3,7.87N-93.55E,h30km,mb4.9/20, Error ellipse: s-maj=10.0km s-min=6.3km az=46.0, IDC 19 08:45:07.7,2.5,7.91N-93.94E,h50km,22km,mb4.4/22,mb1 4.5/22,mb1 mx4.4/25,mbtmp4.6/22,ML5.3/1,MS3.6/1, Ms1 3.8/1,ms1 mx3.3/30, Error ellipse: s-maj=20.5km s-min=10.9km az=48.0, ISC 19 08:45:03.6,0.3,7.82N,0.05,93.49E,0.05,h33km,n122, s=1908/125,mb4.9/57,MS4.5/3,10C-1D,Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YSS, Yuzh-Sakhalins, Sochi, etc.

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

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

BUI 19 09:00:42.1, 6.50N:92.98E, h32km, mB4.8, mB4.8, Ms4.9, Ms24.7
IDC 19 09:00:45.0, 4.7, 6.96N:93.06E, h21km, 29km, mb4.6/25, mb1.4/7.26, mb1mx4.6/28, mbtmp4.7/26, ML 4.81, Ms4.4/3, Ms1.4/5.2, ms1mx3.8/30, Error ellipse: s-maj=20.1, s-min=1.18km az=77.0

Code Station Name Az Phase ID Time Res
NNT Nongplab 8.81 49 P 09 02 53.4 +0.5
PALK Pallekele 12.18 273 P 09 03 36.2 -2.9

Code Station Name Az Phase ID Time Res
MDJ comp=Z,1.3nm,2.0s,mb4.6 AMB AMB
MDJ Borovoye Array 49.65 342 i P 09 09 34.2 -0.7

Table with columns: KEV, Kevo, 75.47 341 ep, P, 09 12 25.6 -1.0, comp=Z,22nm,1.4s,mb4.9

JMA 19 09:32:29.7,0.3,33.90N-141.75E, h55km, M3.7

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

19 09:39:47.5,2.8,30.75S-178.34W,mb4.1/3,mb1 4.2/4, mb1mx3.9/15,mbtmp4.1/4,ML3.2/1, Error ellipse: s-maj=65.4km s-min=42.4km az=122.0, Kermadec Islands

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

19 09:53:07.0,8.5,9.23S-107.92W,mb3.5/4,mb1 3.9/4, mb1mx3.5/12,mbtmp3.5/4, Error ellipse: s-maj=290.0km s-min=166.1km az=106.0, Central East Pacific Rise

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

Table with columns: NVAR, Mina Array Bea, 48.39 349 P, P, 10 01 51.0 -1.8

IDC 19 09:54:14.8,1.0,33.93N-141.75E,mb3.5/5,mb1 3.8/6, mb1mx3.7/20,mbtmp3.6/6,ML3.5/1, Error ellipse: s-maj=32.2km s-min=18.3km az=134.0

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

IDC 19 09:58:19.3,1.2,31.57N-138.56E,mb3.4/3,mb1 3.7/4, mb1mx3.4/21,mbtmp3.6/4,ML3.8/1, Error ellipse: s-maj=38.7km s-min=20.5km az=105.0, Southeast of Honshu

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

JMA 19 09:58:24.2,0.3,33.87N-141.89E, h61km,5km, M3.5

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

IDC 19 10:01:29.5,2.0,8.10N-94.98E,mb3.5/4,mb1 3.8/5, mb1mx3.7/20,mbtmp3.7/6,ML3.9/1, Error ellipse: s-maj=70.4km s-min=27.8km az=66.0, Nicobar Islands region

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

IDC 19 10:08:21.9,1.0,33.84N-141.85E,mb3.5/5,mb1 3.8/6, mb1mx3.7/20,mbtmp3.7/6,ML3.9/1, Error ellipse: s-maj=30.5km s-min=19.5km az=109.0

JMA 19 10:08:23.1,0.3,33.88N-141.86E, h37km, M3.3

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

Table with columns: BS04, Boso 4, 1.68 314 P, Pn, 10 08 51.6 -0.6

THE 19 10:11:19.0,39.15N-23.59E, h11km, ML2.6

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

IDC 19 10:30:28.8,6.0,5.28N-93.07E,mb3.6/3,mb1 3.9/4, mb1mx3.8/18,mbtmp3.6/4,ML4.3/1, Error ellipse: s-maj=173.5km s-min=30.4km az=75.0, Off west coast of northern Sumatra

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

IDC 19 10:42:45.5,0.9,12.70N-93.05E,mb3.7/7,mb1 4.0/8, mb1mx3.9/18,mbtmp3.7/8,ML4.6/1,MS2.8/1,Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=32.1km s-min=20.1km az=59.0

NEIC 19 10:42:50.3,0.7,12.74N-93.12E, h30km, mb4.2/3, Error ellipse: s-maj=17.9km s-min=13.6km az=63.0

IDC 19 10:42:47.8,6.6,12.71N-10.10N-93.1E,1.0, h28km,47km, n13, <0F61/12,mb3.9/10, Andaman Islands region

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

IDC 19 10:43:18.3,1.0,53.45S-3.82W,mb4.4/5,mb1 4.4/6, mb1mx4.0/15,mbtmp4.4/6,ML3.7/1,MS4.4/9,MS1 4.4/9, ms1mx3.9/17, Error ellipse: s-maj=37.2km s-min=21.4km az=65.0

NEIC 19 10:43:19.6,0.7,53.33S-3.72W, h10km, mb4.4/2, Error ellipse: s-maj=22.4km s-min=11.7km az=74.0

IDC 19 10:43:17.1,0.1,53.35S-0.1,3.7W-0.3, h10km,n26, <095F/14,mb4.5/7,MS4.5/8,2C-3D,Southern Mid-Atlantic Ridge

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

Table with columns: BRTR, Keskin Array B, 81.09 312, P, P, 14 04 08.0 +0.5. Includes various station names like SRU, KOLS, CJC, RAYN, NIE, etc.

ISC 19 14:02:52.5, 7.3, 13.52N-94.25E, h37km, 61km, mb4.1/12, mb1 4.2/13, mb1mx2.4/19, mbtmp4.2/13, ML 4.0/1, MS2.7/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=38.0km s-min=13.6km az=59.0

BJJ 19 14:02:53.3, 13.53N-94.27E, h55km, mb4.5, mb4.3, Ms4.4, Ms4.4

NEIC 19 14:02:53.2, 7.3, 13.58N-94.37E, h43km, 23km, mb4.3/8, Error ellipse: s-maj=25.1km s-min=9.6km az=59.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, CHANG MAI ARR, WARRAMUNGA ARR, etc.

ISC 19 14:20:42.4, 2.3, 13.48N, 0.06, 94.28E, 0.06, h23km, 16km, n41, c109/48, mb4.2/20, MS4.2/1, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, CHIANG MAI ARR, WARRAMUNGA ARR, etc.

ISC 19 14:16:27.4, 1.0, 8.18N-93.81E, mb3.9/10, mb1 4.0/11, mb1mx3.9/19, mbtmp3.9/11, ML 3.5/1, Error ellipse: s-maj=40.6km s-min=20.6km az=51.0

NEIC 19 14:16:32.1, 0.6, 8.21N-93.86E, h30km, mb4.1/1, Error ellipse: s-maj=16.6km s-min=10.7km az=63.0

ISC 19 14:16:31.8, 5.6, 8.3N, 0.2, 94.0E, 0.2, h41km, 47km, n22, c0562/22, mb4.0/13, Nicobar Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, CHIANG MAI ARR, WARRAMUNGA ARR, etc.

ISC 19 14:02:52.5, 7.3, 13.52N-94.25E, h37km, 61km, mb4.1/12, mb1 4.2/13, mb1mx2.4/19, mbtmp4.2/13, ML 4.0/1, MS2.7/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=38.0km s-min=13.6km az=59.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like FINES, ARCESS ARRAY B, GERESS ARRAY B, etc.

BJJ 19 14:26:59.5, 6.20S-130.00E, h137km, mb4.2, mb4.5, NEIC 19 14:26:59.5, 2.4, 6.20S, 130.02E, h138km, 23km, mb4.2/8, Error ellipse: s-maj=16.9km s-min=10.8km az=74.0

ISC 19 14:27:04.2, 2.3, 6.19S, 130.12E, h182km, 20km, mb3.7/10, mb1 3.9/13, mb1mx3.9/16, mbtmp4.3/13, MS2.4/1, Ms1 2.4/1, ms1mx2.1/19, Error ellipse: s-maj=25.8km s-min=12.2km az=63.0

ISC 19 14:26:54.0, 0.4, 6.10S, 130.0E, 0.1, h100km, n35, c097/31, mb4.2/21, 2D, Banda Sea region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like WRAB, TENNANT CREEK, WARRAMUNGA ARR, etc.

ISC 19 14:26:59.5, 6.20S-130.00E, h137km, mb4.2, mb4.5, NEIC 19 14:26:59.5, 2.4, 6.20S, 130.02E, h138km, 23km, mb4.2/8, Error ellipse: s-maj=16.9km s-min=10.8km az=74.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like WARRAMUNGA ARR, WRA, WRA, WRA, etc.

ISC 19 14:20:42.4, 2.3, 13.48N, 0.06, 94.28E, 0.06, h23km, 16km, n41, c109/48, mb4.2/20, MS4.2/1, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like MDJ, MUDANJIANG, JIRN, etc.

ISC 19 14:20:42.4, 2.3, 13.48N, 0.06, 94.28E, 0.06, h23km, 16km, n41, c109/48, mb4.2/20, MS4.2/1, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like VVVF, SAINT-JULIEN-1, etc.

ISC 19 14:20:42.4, 2.3, 13.48N, 0.06, 94.28E, 0.06, h23km, 16km, n41, c109/48, mb4.2/20, MS4.2/1, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like PMG, PORT MORESBY, WARRAMUNGA ARR, etc.

ISC 19 14:31:41.5, 5.7, 6.04S-149.27E, h41km, 52km, mb3.6/3, mb1 4.1/4, mb1mx3.7/13, mbtmp3.4/14, ML 3.8/1, Error ellipse: s-maj=112.1km s-min=33.2km az=123.0, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC. Includes stations like MSLP, MAASIN, SCPH, SURIGAO, etc.

ISC 19 14:44:59.4, 0.5, 33.46N-138.40E, h323km, 5km, M3.6, JMA 19 14:45:02.0, 0.8, 33.34N, 138.26E, h300km, 7km, mb3.6/19, mb1 3.4/11, mb1mx3.2/24, mbtmp3.9/11, Error ellipse: s-maj=22.7km s-min=12.6km az=95.0

ISC 19 14:02:52.5, 7.3, 13.52N-94.25E, h37km, 61km, mb4.1/12, mb1 4.2/13, mb1mx2.4/19, mbtmp4.2/13, ML 4.0/1, MS2.7/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=38.0km s-min=13.6km az=59.0

ISC 19 14:02:52.5, 7.3, 13.52N-94.25E, h37km, 61km, mb4.1/12, mb1 4.2/13, mb1mx2.4/19, mbtmp4.2/13, ML 4.0/1, MS2.7/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=38.0km s-min=13.6km az=59.0

ZAL	Zalesovo	44.02 315	P	P	16 33 42.0 +0.2
ZAL	comp=Z,1.0nm,0.5s				
ZAL	Zalesovo	44.02 315	P	P	16 33 42.0 +0.2
NVS	Novosibirsk	44.99 316	eP	P	16 33 49.7 +0.2
JIRN	Jiri	47.37 278	eP	P	16 34 08.9 +0.2
KURK	Kurchatov	47.86 310	eP	P	16 34 12.2 0.0
KURK	comp=Z,1.1nm,0.9s,mb4.9				
KURK	Kurchatov	47.86 310	eP	P	16 34 12.2 0.0
PKI	Pulchoki	48.05 278	eP	P	16 34 14.0 0.0
KKN	Kakani	48.07 279	eP	P	16 34 13.8 -0.4
DMN	Daman	48.28 278	eP	P	16 34 15.8 0.0
GKN	Gorkha	48.52 279	eP	P	16 34 17.1 -0.5
KOLN	Koldanda	49.46 279	eP	P	16 34 24.6 -0.3
ILAR	Eielsen Array	52.08 31	P	P	16 34 42.8 -1.4
ILAR	comp=Z,4.0nm,0.8s				
ILAR	Eielsen Array	52.08 31	P	P	16 34 42.8 -1.4
BVAR	Borovyev	52.66 314	P	P	16 34 49.0 +0.3
BRVK	Borovyev	52.72 314	eP	P	16 34 48.5 -0.7
WRA	Warramunga Arr	54.05 188	P	P	16 34 57.8 -1.7
WRA	comp=Z,3.0nm,0.8s				
WRA	Warramunga Arr	54.05 188	P	P	16 34 57.8 -1.7
INK	Inuvik	57.10 26	eP	P	16 35 19.1 -1.7
INK	comp=Z,3.0nm,1.0s				
INK	Inuvik	57.10 26	eP	P	16 35 19.6 -1.2
INK	comp=Z,2.4nm,0.9s,mb4.2,baz=287,slo=8.3,SNR=5.8				
INK	Inuvik	57.10 26	eP	P	16 35 19.1 -1.8
ASAR	Alice Springs	57.78 188	P	P	16 35 25.9 -0.4
ARU	Arti	58.66 320	eP	P	16 35 27.5 -4.4
YKA	Yellowknife Ar	66.44 29	P	P	16 36 22.2 -1.2
YKA	comp=Z,1.0nm,0.8s				
YKA	Yellowknife Ar	66.44 29	P	P	16 36 22.2 -1.2
FINES	FINES Array B	71.51 333	P	P	16 36 54.8 +0.2
FINES	comp=Z,4.0nm,1.0s				
FINES	FINES Array B	71.51 333	P	P	16 36 54.8 +0.3
BMO	Blue Mountains	74.00 47	eP	P	16 37 09.9 +0.4
HLID	Halley	76.45 48	eP	P	16 37 24.4 +0.8
AKASG	Malin Array Be	76.71 323	P	P	16 37 25.1 +0.2
AKASG	comp=Z,1.0nm,0.6s				
AKASG	Malin Array Be	76.71 323	P	P	16 37 25.1 +0.2
NVAR	Minia Array Bea	76.82 53	P	P	16 37 26.5 +0.8
NVAR	comp=Z,1.4nm,0.7s,mb4.0,baz=281,slo=7.6,SNR=7.2				
NB2	NORSAR Subarra	77.00 338	P	P	16 37 26.6 +0.4
NOA	NORSAR Array B	77.00 338	P	P	16 37 26.6 +0.4
NOA	comp=Z,2.0nm,0.8s				
NOA	NORSAR Array B	77.00 338	P	P	16 37 26.6 +0.4
PDAR	Pinedale Array	79.80 45	P	P	16 37 42.4 +0.3
PDAR	comp=Z,1.6nm,0.8s,mb4.0,baz=287,slo=1.7,SNR=9.1				
BRTR	Keskin Array B	80.88 312	P	P	16 37 50.0 +2.2
BRTR	comp=Z,1.0nm,0.9s				
BRTR	Keskin Array B	80.88 312	P	P	16 37 50.0 +2.2
SRU	San Rafael	81.42 48	eP	P	16 37 50.8 +0.2
PV10	Paradox Valley	82.78 48	eP	P	16 38 00.9 +1.4
PV01	Paradox Valley	83.22 48	eP	P	16 38 00.9 +1.0
RW3	Ridgway	83.70 48	eP	P	16 38 04.0 +1.7
GERES	GERESS Array B	85.30 328	P	P	16 38 10.9 +0.9
GERES	comp=Z,1.0nm,0.7s				
GERES	GERESS Array B	85.30 328	P	P	16 38 10.9 +0.8
SDCO	Great Sand Dun	85.35 47	P	P	16 38 11.2 +0.6
TXAR	Lajitas Array	91.97 52	P	P	16 38 43.3 +1.0
QSPA	South Pole Qui	123.74 180	ePKPdf	P	16 44 29.9 +0.8
LPAZ	La Paz	148.13 64	ePKPbc	P	16 45 20.9 +5.9
LPAZ	comp=Z,3.7nm,0.9s,baz=311,slo=3.7,SNR=14				
LPAZ	La Paz	148.13 64	ePKPbc	P	16 45 20.9 +6.0

YSS	comp=Z,1.1um,16.0s				
YSS	comp=N,600nm,18.0s				
YSS	Yuzh-Sakhalins	13.13 4	eP	P	16 41 09.7 -6.8
YSS	comp=N,52nm,0.8s				
MDJ	Kunigami	13.43 242	LR	LR	16 46 47.1
MDJ	comp=N,886nm,18.0s,baz=100,slo=38				
MDJ	Mudanjiang	14.19 323	P	P	16 41 25.8 -4.5
MDJ	comp=Z,2.4nm,2.0s				
MDJ	comp=Z,236nm,4.1s				
MDJ	comp=N,606nm,16.1s				
MDJ	comp=E,331nm,18.5s				
MDJ	comp=Z,837nm,18.1s				
KLR	Kul'dur	17.02 338	eP	P	16 42 07.2 +0.7
SSE	Sheshan	17.41 267	P	P	16 42 11.1 -0.5
SSE	comp=Z,45nm,0.7s				
SSE	comp=Z,1.11nm,5.9s				
SSE	comp=N,171nm,15.8s				
SSE	comp=E,346nm,16.0s				
SSE	comp=Z,484nm,15.3s				
NJ2	Nanjing	19.14 271	eP	P	16 42 31.1 -1.5
NJ2	AP				16 42 39.5
NJ2	XP				16 42 44.0
NJ2	PP				16 42 49.5 -0.3
NJ2	S				16 46 00.0 -0.9
NJ2	XS				16 46 13.0
NJ2	comp=Z,420nm,5.0s				
NJ2	comp=N,790nm,10.6s				
NJ2	comp=E,2um,15.7s				
NJ2	comp=Z,2um,14.4s				
CLNS	Chui'man	25.67 339	eP	P	16 43 37.3 -0.4
CLNS	ePPP				16 43 41.8 -6.9
CLNS	ePPP				16 44 20.8 -9.3
CLNS	eS				16 47 13.6
CLNS	eSS				16 48 58.1 -8.5
CLNS	comp=N,9.0nm,0.9s				
CLNS	comp=E,5.0nm,0.9s				
CLNS	comp=Z,15nm,0.9s,mb4.5				
CLNS	comp=N,16nm,0.8s				
CLNS	comp=Z,10.0nm,0.8s,mb4.4				
CLNS	comp=E,6.0nm,0.9s				
CLNS	comp=N,306nm,13.5s				
CLNS	comp=Z,320nm,12.0s				
CLNS	comp=E,71nm,13.6s				
CLNS	comp=N,1um,15.0s,MS4.5				
CLNS	comp=Z,1um,15.0s,MS4.5				
MA2	Magadan	26.16 11	eP	P	16 43 43.9 -1.0
MA2	comp=E,100nm,13.0s,MS4.5				
MA2	Magadan	26.16 11	eP	P	16 43 43.8 -1.1
MA2	comp=Z,20nm,0.9s,mb4.7				
XAN	Xi'an	27.02 280	P	P	16 43 48.5 -1.9
XAN	comp=Z,3.0nm,0.8s,mb3.9				
ENH	Enshi	27.36 271	eP	P	16 43 51.5 -2.0
ENH	comp=Z,16nm,0.7s,mb4.7				
YAK	Yakutsk	29.21 349	eP	P	16 44 07.3 -2.5
YAK	comp=Z,8.0nm,0.9s,mb4.5				
YAK	comp=N,4.0nm,1.1s				
YAK	comp=Z,278nm,16.0s,MS4.0				
YAK	comp=N,271nm,17.0s,MS4.0				
YAK	comp=E,124nm,15.0s,MS4.0				
YAK	Yakutsk	29.21 349	eP	P	16 44 08.3 -1.5
ULN	Ulaanbaatar	29.35 309	eP	P	16 44 11.4 +0.2
ULN	comp=Z,15nm,1.2s,mb4.6				
ULN	Ulaanbaatar	29.35 309	eP	P	16 44 11.3 +0.2
SOMN	Songoin Array	29.77 309	P	P	16 44 15.8 +0.9
SOMN	comp=Z,2.1nm,0.7s,mb4.0,baz=106,slo=8.4,SNR=14				
SEY	Seymchan	29.90 10	eP	P	16 44 15.3 -0.6
SEY	comp=N,10.0nm,0.8s				
SEY	comp=E,10.0nm,0.8s				
SEY	comp=Z,20nm,0.8s,mb4.9				
BOD	Bodaibo	30.37 331	eP	P	16 44 18.5 -1.3
LZH	Lanzhou	30.87 285	eP	P	16 44 24.5 -0.3
LZH	AP				16 44 33.4 -2.8
LZH	XP				16 44 37.5 -4.0
LZH	ZH				16 49 23.5 -1.0
LZH	YS				16 51 07.4 -2.0
LZH	SS				
LZH	AMB				
LZH	comp=Z,21nm,1.5s,mb4.8				
LZH	comp=Z,172nm,9.4s				
LZH	comp=E,1um,14.5s				
LZH	comp=Z,1um,16.7s,MS4.7				
ZAK	Zakamensk	32.43 312	eP	P	16 44 38.4 +0.1
TLY	Talaya	32.59 315	eP	P	16 44 40.2 +0.5
TLY	comp=Z,24nm,1.5s,mb4.9				
TLY	comp=Z,15nm,1.1s,mb4.8				
TLY	comp=Z,451nm,17.0s,MS4.2				
BILL	Bilibino	37.06 15	eP	P	16 45 16.0 -1.7
BILL	comp=Z,19nm,1.6s,mb4.7				
BILL	comp=Z,200nm,14.0s,MS4.1				
BILL	Bilibino	37.06 15	eP	P	16 45 16.3 -1.4
BILL	comp=Z,12nm,1.0s,mb4.7				
TIXI	Tiksi	38.47 354	eP	P	16 45 27.6 -1.8
TIXI	comp=Z,7.0nm,0.9s,mb4.4				
TIXI	comp=Z,374nm,15.0s,MS4.3				
CMAR	Chiang Mai Arr	40.91 259	P	P	16 45 50.3 +0.1
CMAR	comp=Z,6.0nm,0.8s				
CMAR	comp=Z,76nm,19.4s				
CMAR	Chiang Mai Arr	40.91 259	P	P	16 45 50.2 +0.1
CMAR	comp=Z,6.1nm,0.8s,mb4.3,baz=48,slo=7.6,SNR=25				
CMAR	comp=Z,76nm,19.4s,MS3.6,baz=65,slo=38				
WMQ	Urumqi	42.47 300	eP	P	16 46 04.0 +1.3
WMQ	AP				16 46 13.8 -0.6
WMQ	PP				16 47 45.5 +1.4
WMQ	SS				16 52 23.0 +1.7
WMQ	AMB				

WMQ	comp=Z,6.0nm,1.6s,mb4.0				
WMQ	comp=Z,30nm,5.2s				
WMQ	comp=N,421nm,20.1s,MS4.6				
WMQ	comp=E,628nm,21.3s,MS4.6				
WMQ	comp=N,625nm,21.4s,MS4.5				
LSA	Lhasa	42.72 279	eP	P	16 46 05.6 +0.6
LSA	comp=Z,3.0nm,0.8s,mb4.1				
LSA	Lhasa	42.72 279	eP	P	16 46 05.6 +0.7
ZAL	Zalesovo	44.21 315	P	P	16 46 16.2 -0.5
ZAL	comp=Z,2.0nm,0.9s				
ZAL	Zalesovo	44.21 315	P	P	16 46 16.2 -0.5
ZAL	comp=Z,2.1nm,0.9s,mb3.9,baz=14,slo=7.7,SNR=9.8				
NVS	Novosibirsk	45.18 316	iP	P	16 46 23.6 -0.8
NVS	comp=Z,9.0nm,1.2s,mb4.5				
NVS	comp=E,8.0nm,1.4s				
MKAR	Makanchi Array	45.98 305	iP	P	16 46 30.6 -0.3
MKAR	comp=Z,8.0nm,0.8s				
JIRN	Jiri	47.51 278	eP	P	16 46 43.7 +0.5
PKI	Pulchoki	48.19 278	eP	P	16 46 48.2 -0.3
PKI	comp=Z,16nm,0.8s,mb5.1				
KKN	Kakani	48.21 279	eP	P	16 46 48.5 -0.2
DMN	Daman	48.42 279	eP	P	16 46 50.0 -0.2
GKN	Gorkha	48.66 279	eP	P	16 46 52.0 -0.2
KOLN	Koldanda	49.60 279	eP	P	16 46 59.3 -0.1
COLA	College	51.73 311	eP	P	16 47 15.0 -0.1
COLA	comp=Z,4.0nm,0.8s,mb4.4				
ILAR	Eielsen Array	52.14 31	P	P	16 47 16.7 -1.5
ILAR	comp=Z,8.0nm,0.8s				
ILAR	Eielsen Array	52.14 31	P	P	16 47 16.6 -1.5
AAK	Ala-Archa	52.17 301	eP	P	16 47 18.3 -0.3
AAK	comp=Z,5.0nm,1.2s,mb4.3				
AAK	Ala-Archa	52.17 301	eP	P	16 47 18.1 -0.6
KLP	Kalpa	52.58 286	eP	P	16 47 21.2 -0.6
KLP	comp=Z,2.2nm,1.1s,mb4.4				
BRVK	Borovyev	52.90 314	eP	P	16 47 23.8 -0.2
BRVK	comp=Z,8.0nm,1.1s,mb4.6				
BRVK	Borovyev	52.90 314	eP	P	16 47 23.8 -0.3
CTA	Charters Town	53.81 175	P	P	16 47 28.8 -2.4
CTA	comp=Z,2.0nm,0.7s				
CTA	Charters Town	53.81 175	P	P	16 47 28.8 -2.4
CTA	comp=Z,2.4nm,0.7s,mb4.2,baz=292,slo=5.4,SNR=2.1				
FITZ	Fitzroy Crossi	53.84 199	eP	P	16 47 31.7 +0.3
FITZ	comp=Z,18nm,1.5s,mb4.8				
WB2	Warramunga Arr	53.92 188	eP	P	16 47 31.4 -0.6
WRA	Warramunga Arr	53.92 188	eP	P	16 47 31.1 -0.9
WRA	comp=Z,3.0nm,0.6s				
WRA	Warramunga Arr	53.92 188	eP	P	16 47 31.1 -0.9
NDI	New Delhi	54.46 283	eP	P	16 47 35.0 -0.8
AYAN	Aya Nagar	54.61 283	eP	P	16 47 36.2 -0.8
AYAN	comp=Z,1.3nm,1.0s				
SONA	Sohna	5			

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and Time. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, and WRA Warramunga Arr.

KRSC 19:05:42.9-0.7, 52.26Nk, 152.60E, h472km, 8km, ML5.2
MOS 19:05:44.6-0.8, 52.47Nk, 152.95E, h457km, mb4.4/4.7,
Error ellipse: s-maj=9.7km s-min=5.6km az=100.3

BUI 19:05:46.0, 52.47Nk, 152.95E, h481km, mb4.9, mb4.8
IDC 19:05:47.2, 1.1, 52.53Nk, 152.75E, h469km, 12km,
mb3.8/28, mb1.4, 0/30, mb1mx4, 0/31, mbtmp=4.7/30, Error
ellipse: s-maj=9.8km s-min=7.5km az=151.0

NEIC 19:05:47.2, 0.1, 52.51Nk, 152.81E, mb4.5/4.2, Error
ellipse: s-maj=4.4km s-min=3.4km az=152.0

ISC 19:05:44.9-0.2, 52.45Nk, 0.03, 152.94E, 0.04, h456km, 2km,
h455km, 8.6km; p-P, n259, o694/295, mb4.4/80, 7C-14D,

Northwest of Kuril Islands

Main table for Northwest of Kuril Islands with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and Time. Includes stations like ALID Alaid, PAU Pauzhetka, APC Apacha, SKR Severo-Kuril's, and GRL Gorelyy.

Main table for 2005 JAN with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and Time. Includes stations like YUK comp=E,2um,0.8s, YUK comp=N,580nm,0.5s, SEY Seymchan, and ASAJ Asahikawa.

Main table for 2005 JAN with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and Time. Includes stations like DLBC Dease Lake, DLBC Dease Lake, WMO WMO, and WMO WMO.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, MSU Marysvale, RW3 Ridgway, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC. Includes stations like ASPA Alice Springs, SMF Signal de Mont, BGF Bois d'Agland, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC. Includes stations like PHWY Pilot Hill, LAO LASA Array, PDAR Pinedale Array, etc.

GERES GERRS Array B 78.62 359 P P 20 04 31.7 +1.1
0.3nm,0.4s,mb3.5,baz=352,slow=6.9,SNR=2.3
BRTR Keskin Array B 85.87 343 P P 20 05 10.8 +2.4
0.9nm,0.7s,mb4.1,baz=36,slow=3.4,SNR=7.7

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

NEIC 19:20:18:59.9, 10.67N-62.57W, h96km, MD3.5(TRN), After TRN.
TRN 19:20:19:00.2, 10.66N-62.57W, h92km, MD3.5
FUNV 19:20:18:59.4, 10.65N-62.56W, h87km, MW2.9, 2C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUVI Guiria, CRUV Carupano, ITEV Isla Los Testi, etc.

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

IDC 19:20:25:47.3, 1.0, 10.13N-140.86E, mb3.9/6, mb1.4/1.6, mb1mx3.8/1.9, mbtmp3.6/7, Error ellipse: s-maj=60.4km s-min=23.1km az=98.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 19:20:26:26.6, 1.3, 8.62N-94.39E, mb3.6/6, mb1.3/7.7, mb1mx3.6/1.9, mbtmp3.6/7, ML3.3/1, Error ellipse: s-maj=63.1km s-min=21.4km az=56.0, 059213, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 19:20:32:21.4, 3.0, 2.37N-127.38E, mb4.0/4, mb1.4/3/4, mb1mx3.8/1.5, mbtmp4.1/4, Error ellipse: s-maj=129.5km s-min=54.8km az=70.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WBR2 Warramunga Arr, ASPA Alice Springs, etc.

TZK Tazeka 1.06 204 i P Pb 20 33 37.0 -1.1
TZK 1.06 204 i S Sb 20 33 52.0 0.0
NIED 19:20:49:00, 34.00N-141.80E, h5km, Mw3.9 Best double couple: M6.92x1014 NP1:324, 846, 185. NP2:150, 644, 195.
JMA 19:20:49:05, 0.4, 3.3, 33.96N-141.80E, h48km, M3.5
IDC 19:20:49:06, 5.5, 33.96N-141.81E, h39km, 51km, mb3.3/4, mb1.3/6/4, mb1mx3.3/1.9, mbtmp3.5/4, Error ellipse: s-maj=46.8km s-min=23.5km az=103.0
ISC 19:20:49:06, 5.0, 33.97N-105.141, 75E-0.08, h33km, n15, 0555/18, mb3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

IDC 19:20:52:19.7, 0.5, 6.46N-92.64E, h29km, mb4.0/14, mb1.4/2/15, mb1mx4.1/1.9, mbtmp4.2/15, ML3.5/1, MS3.6/2, Ms1.3/7.2, ms1mx3.2/22, Error ellipse: s-maj=24.8km s-min=11.2km az=60.0
NEIC 20:05:19:0, 0.4, 6.55N-92.90E, mb4.5/12, Error ellipse: s-maj=9.0km s-min=7.1km az=217.0
BUJ 19:20:52:20.2, 6.50N-92.90E, h29km, mb4.8, mb4.3, Ms4.0, Ms3.9
MOS 19:20:52:22.1, 6.90N-92.15E, h33km, mb4.8, mb4.1, Error ellipse: s-maj=23.6km s-min=10.9km az=98.9
ISC 19:20:52:17.7, 0.4, 6.48N-106.92E, h28.8E-0.05, h29km, h29km1.0km, p-P, n9, 9, 121/105, mb4.6/42, MS3.9/4, 6-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG Songkhla, NNT Nongplab, PALK Paleleke, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CHK Chiang Mai, KKT Khon Kaen, etc.

IDC 19:20:52:22.2, 1.6, 6.90N-92.15E, h33km, mb4.8, mb4.1, Error ellipse: s-maj=23.6km s-min=10.9km az=98.9
ISC 19:20:52:17.7, 0.4, 6.48N-106.92E, h28.8E-0.05, h29km, h29km1.0km, p-P, n9, 9, 121/105, mb4.6/42, MS3.9/4, 6-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like QIZ Qiongzong, KAD Karad, KAO Kadi, etc.

IDC 19:20:52:22.2, 1.6, 6.90N-92.15E, h33km, mb4.8, mb4.1, Error ellipse: s-maj=23.6km s-min=10.9km az=98.9
ISC 19:20:52:17.7, 0.4, 6.48N-106.92E, h28.8E-0.05, h29km, h29km1.0km, p-P, n9, 9, 121/105, mb4.6/42, MS3.9/4, 6-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDI Dehra Dun, ENH Enshi, KLP Kalpa, etc.

Main table with columns: SSE, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSE comp=N,81nm,19.5s,MS3.5, KZA Kyzart, UCH Uchir, KBR Karagaybulak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAL Zalesovo, WRA Warrungarra Arr, BVAR Borovoye Array, etc.

IDC 19 22:01:29.1±1.3, 3.14N-95.17E, mb3.8/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=55.6km s-min=20.4km az=55.0

NEIC 19 22:01:32.0±0.9, 3.00N-94.89E, h30km, mb4.3/2, Error ellipse: s-maj=21.8km s-min=15.4km az=222.0

ISC 19 22:01:30.2±0.9, 3.00N-94.9E, h10km, n12, s105/12, mb4.0/8, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

IDC 19 22:13:18.2±4.4, 8.30S-119.99E, h190km, 73km, mb3.7/3, mb1 3.8/4, mb1mx3.4/16, mbtmp4.3/4, Error ellipse: s-maj=70.6km s-min=45.5km az=54.0

ISC 19 22:13:10.4±2.2, 8.15S-119.6E, 0.2, h164km, 22km, n14, s087/17, mb4.4/7, 1D, Flores region

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

CSEM 19 22:41:08.4, 53.57N-1.21W, h15km, ML2.8, After BGS BGS 19 22:41:08.0, 4.5358N-1.22W, h14km, 10km, ML2.8, 1C-3D, United Kingdom

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LDU Leeds Universi, BKH Birley Grange, LHO Holmfirth, etc.

IDC 19 22:42:19.1±1.7, 11.36N-92.60E, mb3.6/4, mb1 3.8/5, mb1mx3.5/18, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=52.4km s-min=24.8km az=66.0

ISC 19 22:42:22.2±1.1, 11.50N-91.92E, 0.2, h33km, n11, s090/11, mb3.4/3, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 19 22:46:54.3±0.5, 13.23N-92.14E, mb4.5/17, mb1 4.6/18, mb1mx4.5/2E, ML2.4/1, MS3.8/6, Ms1 3.9/6, ms1mx3.6/18, Error ellipse: s-maj=25.2km s-min=12.9km az=53.0

BUI 19 22:46:57.2, 13.05N-92.11E, h40km, mb4.8, mb4.5, Ms4.2, Ms2.4, Error ellipse: s-maj=13.5km s-min=6.7km az=119.4

HRVD 19 22:46:58.9±1.1, 13.08N-92.27E, h31km, 1km, MW4.8/27, Centroid moment Tensor Solution. LP body waves:

s13,c15;Mantle waves: s27,c38; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr-1.90s; 27; Mw0.78; 15; Ms0.12; 16; Mw-0.25; 18; Mw0.47; 10; Mw-0.49; 17; Best double couple: M1.763x10^16 NP1.0; 216; 836; 87; NP2.0; 33; 854; -92; Principal axes: T 1.539, Plg9; Azm124; N.445, Plg2; Azm34; P-1.988, Plg81; Azm294; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

NEIC 19 22:46:58.9±0.2, 13.21N-92.19E, h30km, mb4.9/27 Error ellipse: s-maj=6.1km s-min=4.4km az=224.0

ISC 19 22:46:57.5±0.3, 13.21N-0.04, 92.11E, 0.03, h33km, (h33km, 6.9km; P-P), n16, e, r121/178, mb4.8/57, MS4.0/10, 9C-9D, Andaman Islands region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNT Nongplab, NST Nakhon Sawan, CMAR Chiang Mai Arr, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSE comp=N,210nm,19.2s,MS3.9, SSE comp=E,94nm,19.0s,MS3.9, KZA Kyzart, UCH Uchtoir, etc.

20d 2h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ASAR, CMAR, ULN, SONMI, AAK, ZAL, KURK, BVAR, BRVK.

CASC 20 01:39:09.5-1.9, 6.53N-82.48W, h72km, 97km, MD4.2, 1D, South of Panama

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PTP1, DVD, ACR, AZU, CNI, BUS, LCR2, LCR2, ICR, LAJ, PRS1, JCR.

PGC 20 01:48:19.4, 64.70N, 110.30W, MN2.7/4, Northeast of Yellowknife, Northwest Territories Mining explosion.

OTT 20 01:48:21.9, 0.1, 64.65N, 110.70W, h1km, MN2.9/9, Blast, Ekati Mine, Nt Mining explosion, Northwest Territories

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like EKTN, LDGN, DVKN, ACKN, YNEN, GLWN, MLON, GBLN, LUPN, IHLN, KNDN, CTLN, YKW3, FNBB, INK, FCC, RES, DAWY.

ISC 20 01:49:03.0-4.0, 13.73N-91.09W, mb3.6/3, mb1.4/0.4, mb1mx3.5/1.8, mbtbp3.4/4, ML3.9/1, Error ellipse: s-maj=135.2km s-min=68.8km az=42.0, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TXAR, NVAR, YKA, ILAR, CMAR.

ISC 20 01:51:21.4-0.7, 8.41N-93.54E, h27km, 3km, mb3.8/1.1, mb1.4/0.12, mb1mx3.9/1.7, mbtbp4.0/1.2, ML4.8/1, Error ellipse: s-maj=32.4km s-min=14.3km az=49.0

NEIC 20 01:51:22.7-0.6, 8.53N, 93.69E, h30km, mb4.5/8, Error ellipse: s-maj=17.2km s-min=11.6km az=62.0

ISC 20 01:51:20.1-0.6, 8.47N, 101.93E, 0.1, h28km, h28km, 5km; p-P, n29, o80/28, mb4.3/20, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TXAR, NVAR, YKA, ILAR, CMAR.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMAR, VIS, JIRN, PKI, DMN, KKN, GKN, LSA, KOLN, AAK, SONMI, KURK, ZAL, BVAR, BVAR, WRA, WRAB, ASAR, ARU, KIV, MALT, BRTR, AKASG, AKASG, FINES, ARCES, BOSB, GERES, NB2, NOA, ILAR.

ISC 20 01:52:33.3-1.2, 3.61N-92.63E, mb3.9/8, mb1.4/1.9, mb1mx4.0/1.8, mbtbp3.9/9, ML4.8/1, MS3.9/6, Ms1 4.0/6, ms1mx3.6/20, Error ellipse: s-maj=46.3km s-min=20.8km az=50.0

NEIC 20 01:52:37.0-0.8, 3.60N-92.69E, h30km, mb4.6/6, Error ellipse: s-maj=20.5km s-min=13.7km az=215.0

ISC 20 01:52:32.8-4.6, 3.6N, 0.1, 92.65E, 0.10, h11km, 29km, n24, c125/22, mb4.2/14, MS4.1/5, 2C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMAR, PALK, CMAR, HYB, Qiongzhong, LSA, ENH, JOW, SONMI, WRA, WRAB, KURK, ASAR, ZAL, BVAR, BRVK, MALT, BRTR, AKASG, GERES, NOA, VNSA, KIMD, KIKV, ADAG, SMY, GSTD, GSGI, FX1, FX1, ATKA.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like UNV, ILAR, ASAJ, DAWY, INK, YKA, NVAR, SONMI, PDAR, ZAL, FRB, ARCES, BVAR, TXAR, FINES, AKASG, WRA, BRTR.

ISC 20 02:06:36.9-4.0, 13.69N-90.71W, mb3.9/9, mb1.4/2.10, mb1mx3.9/22, mbtbp3.9/10, ML4.2/1, MS3.7/1, Ms1 3.6/1, ms1mx1.9/23, Error ellipse: s-maj=87.4km s-min=41.9km az=7.0

GCG 20 02:06:40.0, 13.36N-91.43W, h75km, MD4.3

CASC 20 02:06:42.8-1.6, 13.46N-91.33W, h19km, 19km, MD4.1, mb4.0(NEIC)

SSS 20 02:06:44.7, 13.59N-91.23W, h79km, MD4.3

NEIC 20 02:06:47.0-3.0, 13.56N-91.07W, h90km, 24km, mb4.0/14, Error ellipse: s-maj=31.1km s-min=15.7km az=217.0

ISC 20 02:06:45.3-1.6, 13.5N, 0.1, 91.2W, 0.1, h91km, 10km, n41, c1918/13, mb3.9/20, 2C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JAT, IKG, TP2, NBG, RTR, SBLS, BOQS, SBRAS, LCBS, TEIG, TXAR, TXAR, MIAR, GDL2, WMLO, MNXX, CPXR, AMTX, ANMO, ANMO, KSU1, SDCO, ACCO, PDAR, NVAR, NVAR, SAML, HLID, FCH, SCHO, YKA, YKA, FRB, DLBC, DLBC, INK, INK, RES, ILAR, DBIC.

ISC 20 02:06:49.8-4.0, 28.03S-175.97W, mb4.1/6, mb1.4/4.6, mb1mx4.2/13, mbtbp4.1/6, MS4.0/4, Ms1 3.9/4, ms1mx3.6/20, Error ellipse: s-maj=227.4km s-min=24.8km az=161.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CTA, STKA, PMG, ASAR, ASAR, WRA, FITZ, MAW, NVAR, PDAR, CMAR, NOA, HFS, AKASG.

BRTR Keskin Array B 152.91 303 PKPbc PKPdf 02 26 49.5 +6.1
1.0nm, 1.1s, baz=162, slow=3.9, SNR=3.6

JMA 20 02:09:11.4, 0.5, 33.99N:141.61E, h34km, 4km, M3.3
IDC 20 02:09:13.5, 4.3, 33.89N:141.57E, h42km, 43km, mb3.4/6,
mb1 3.8/6, mb1mx3.5/19, mbtm3.7/6, Error ellipse:
s-maj=33.7km s-min=20.5km az=120.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BSO1, BSO3, ES04, JHU2, JHUJ, etc.

IDC 20 02:23:18.2, 7.9, 8.66N:93.31E, h65km, 68km, mb3.6/6,
mb1 3.7/7, mb1mx3.5/17, mbtm3.8/7, ML 4.0/1, Error
ellipse: s-maj=60.8km s-min=24.6km az=51.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, JIRN, PKI, DMN, etc.

IDC 20 02:28:59.1, 0.2, 7.39N:95.37E, h29km, 4km, mb3.9/5,
mb1 4.2/6, mb1mx3.9/17, mbtm3.4/16, ML 4.5/1, MS3.6/1,
Ms1 3.8/1, ms1mx2.7/27, Error ellipse: s-maj=46.8km
s-min=14.9km az=92.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, BJT, QIZ, etc.

IDC 20 02:29:01.4, 2.53N:95.55E, h73km, mb5.1, mb4.8, Ms4.5,
Ms2.4

NEIC 20 02:29:03.0, 2.3, 2.75N:95.42E, h54km, 23km, mb4.6/15,
Error ellipse: s-maj=13.8km s-min=9.6km az=57.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, BJT, QIZ, etc.

IDC 20 02:28:58.0, 0.5, 2.73N:100.07E, 95.47E, 0.09, h24km,
h24km, 8km, p-P, n35, az=98/32, mb4.6/22, 1C, Off west
coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, BJT, QIZ, etc.

comp=Z, 119nm, 0.9s
AKASG Malin Array Be 73.00 323 pP 02 40 35.1 -0.2
0.2, 0.2, 0.1nm, 0.3s, baz=100, slow=5.8, SNR=1.9

NIED 20 02:07:30.0, 33.40N:142.30E, h5km, Mw4.5 Best double
couple: M6x1015 NP1:140; 871; λ-99; NP2:346;
δ21°; λ-65°

BUI 20 02:37:11.4, 33.36N:141.78E, h8km, mb5.1, mb4.7, Ms4.3,
Ms2.1

JOS 20 02:37:12.3, 0.5, 33.44N:142.33E, h60km, M4.4
MOS 20 02:37:12.6, 1.1, 33.36N:142.21E, h33km, mb4.8/38, Error
ellipse: s-maj=11.7km s-min=6.7km az=109.3

NEIC 20 02:37:12.5, 2.2, 33.38N:142.22E, h21km, 15km, mb4.8/45,
MV4.5(NIED), Error ellipse: s-maj=6.1km s-min=4.2km
az=102.0

IDC 20 02:37:14.6, 0.5, 33.38N:142.25E, h37km, 3km, mb4.3/20,
mb1 4.5/24, mb1mx4.5/26, mbtm4.6/24, ML 4.4/4, MS3.3/3,
Ms1 3.3/3, ms1mx2.9/29, Error ellipse: s-maj=13.6km
s-min=11.1km az=113.0

ISC 20 02:37:13.2, 0.2, 33.38N:142.19E, 0.03, h38km,
h38km, 9km, p-P, n183, r104/191, mb4.7/71, MS4.1/1,
6C-5D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BSO1, BSO3, JHU2, etc.

CMAR comp=Z, 4.0nm, 0.6s pmax pmax

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, WMO, LSA, etc.

Table of station data for the left column, including station names like ARCES, KLBRR, JOF, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like BRG, CLL, Colim, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like SKR, ALID, Alaid, etc., and their associated coordinates and parameters.

TYV	Tymovskoe	8.77 283	ePN	P	03 01 15.0	-1.8
TYV			eS	S	03 03 00.0	+4.6
TYV	comp=Z,320nm,1.0s		pmax	pmax		
TYV	comp=Z,2,2um,2.0s		smax			
TYV	comp=N,1,1um,6.0s		smax			
TYV	comp=E,2,2um,5.0s		MLR	MLR		
TYV	comp=Z,1,1um,20.0s		MLR	MLR		
TYV	comp=E,7,7um,19.0s		MLR	MLR		
TYV	Tymovskoe	8.77 283	eP	P	03 01 15.0	-1.8
TYV			eS	S	03 01 16.0	
TYV	comp=E,900nm,2.0s		AMB	AMB	03 01 20.0	
TYV	comp=E,2,2um,2.0s		AMB	AMB	03 01 20.0	
TYV	comp=E,2,2um,2.0s		AMB	AMB	03 01 20.0	
TYV	comp=E,320nm,1.0s		AMB	AMB	03 01 20.0	
YUK	Yuzh-Kuril'sk	9.11 235	i/PN	P	03 01 20.9	-0.5
YUK			eS	S	03 03 16.0	+1.2
YUK	comp=E,370nm,0.5s		pmax	pmax		
YUK	comp=Z,920nm,0.5s		pmax	pmax		
YUK	comp=N,230nm,0.3s		pmax	pmax		
YUK	comp=Z,3,3um,1.5s		smax			
YUK	comp=N,5,5um,3.0s		smax			
YUK	comp=E,5,5um,3.0s		smax			
YUK	comp=N,2,2um,0.8s		smax			
YUK	comp=E,1,1um,0.8s		MLR	MLR		
YUK	comp=N,8,8um,16.0s		MLR	MLR		
YUK	comp=E,1,1um,16.0s		MLR	MLR		
YUK	comp=Z,1,1um,16.0s		MLR	MLR		
YUK	Yuzh-Kuril'sk	9.11 235	i/P	P	03 01 20.9	-0.5
YUK			eS	S	03 01 25.8	
YUK	comp=Z,230nm,0.4s		AMB	AMB	03 01 25.8	
YUK	comp=Z,370nm,0.4s		AMB	AMB	03 01 25.8	
YUK	comp=Z,920nm,0.4s		AMB	AMB	03 01 25.8	
YUK	comp=Z,3,3um,1.5s		AMB	AMB	03 01 25.8	
UGL	Ulgegorsk	9.27 271	i/PN	P	03 01 24.0	+0.4
UGL			eS	S	03 03 14.0	+6.4
UGL	comp=Z,1,1um,0.7s		pmax	pmax		
UGL	comp=N,480nm,0.6s		pmax	pmax		
UGL	comp=E,240nm,0.6s		pmax	pmax		
UGL	comp=Z,2,2um,1.2s		pmax	pmax		
UGL	comp=N,900nm,1.0s		pmax	pmax		
UGL	comp=E,1,1um,1.6s		smax			
UGL	comp=N,3,3um,8.0s		smax			
UGL	comp=E,5,5um,8.0s		smax			
UGL	comp=Z,4,4um,7.0s		smax			
UGL	Ulgegorsk	9.27 271	i/P	P	03 01 24.0	+0.4
UGL			eS	S	03 01 26.0	
UGL	comp=Z,1,1um,0.7s		AMB	AMB	03 01 26.0	
UGL	comp=Z,480nm,0.6s		AMB	AMB	03 01 26.0	
UGL	comp=Z,240nm,0.6s		AMB	AMB	03 01 26.0	
UGL	comp=Z,900nm,1.0s		AMB	AMB	03 01 26.5	
UGL	comp=Z,2,2um,1.2s		AMB	AMB	03 01 26.5	
UGL	comp=Z,1,1um,1.6s		AMB	AMB	03 01 26.5	
YSS	Yuzh-Sakhalins	9.41 258	b/PN	P	03 01 27.9	+2.4
YSS			eS	S	03 03 13.1	+2.2
YSS	comp=N,190nm,1.0s		pmax	pmax		
YSS	comp=E,410nm,1.0s		pmax	pmax		
YSS	comp=Z,190nm,1.0s		pmax	pmax		
YSS	comp=N,290nm,0.8s		smax			
YSS	comp=E,1,100nm,0.8s		MLR	MLR		
YSS	comp=N,2,2um,19.0s		MLR	MLR		
YSS	comp=E,4,4um,19.0s		MLR	MLR		
YSS	comp=Z,6,6um,19.0s		MLR	MLR		
YSS	Yuzh-Sakhalins	9.41 258	ePn	P	03 01 28.3	+2.9
YSS			eS	S	03 03 11.4	+0.5
YSS	Yuzh-Sakhalins	9.41 258	i/P	P	03 01 27.9	+2.4
YSS			eS	S	03 01 27.9	
NKL	Nikolayevsk	10.30 295	i/P	P	03 01 36.0	-1.6
NKL			eS	S	03 01 38.0	
NKL	comp=Z,1,1um,4.0s		AMB	AMB	03 01 38.0	
NKL	comp=Z,1,110nm,1.0s		AMB	AMB	03 01 38.0	
NKL	comp=Z,270nm,1.0s		AMB	AMB	03 01 38.0	
NKL	comp=Z,460nm,1.0s		A		03 03 48.0	
NKL	comp=Z,1,1um,8.0s		AMS	AMS	03 06 04.0	
NKL	comp=Z,2,2um,17.0s		AMS	AMS	03 06 04.0	
NKL	comp=Z,4,4um,17.0s		AMS	AMS	03 06 04.0	
MA2	Magadan	10.35 344	ePN	P	03 01 37.9	-0.4
MA2			eS	S	03 01 37.9	-0.4
MA2	comp=Z,210nm,0.7s		eP	P	03 01 37.9	-0.3
MA2	Magadan	10.35 344	eP	P	03 01 47.8	+2.1
ASAJ	Asahikawa	10.89 244	PN	P	03 01 47.8	+2.1
ASAJ			eS	S	03 01 47.8	+2.1
ASAJ	comp=Z,17nm,0.3s		MLR	MLR		
ASAJ	Asahikawa	10.89 244	P	P	03 01 47.8	+2.1
ASAJ			eS	S	03 01 47.8	+2.1
ASAJ	comp=Z,5,5um,18.6s		LR	LR	03 05 34.4	
FX1	Attu Island-F	11.05 67	P	P	03 01 43.4	-4.3
FX1			eS	S	03 03 35.1	-1.6
FX1	comp=Z,47nm,0.3s,ba=88,slo=24,SNR=10		LR	LR	03 05 37.8	
SMY	Shemya	11.58 68	ePN	P	03 01 50.7	-4.3
SMY			eS	S	03 01 50.7	-4.3
GRNR	Gornyy	12.73 282	eP	P	03 02 15.0	+4.7
GRNR			eS	S	03 02 16.4	
GRNR	comp=Z,100nm,1.2s		AMB	AMB	03 02 16.4	
GRNR	comp=Z,240nm,1.2s		AMB	AMB	03 02 16.4	
GRNR	comp=Z,990nm,1.2s		AMB	AMB	03 02 16.4	
KAMR	Kamenskoye	13.88 20	i/P	P	03 02 25.6	+0.4
KAMR			eS	S	03 04 49.7	-9.0
TEY	Ternei	14.10 258	eP	P	03 02 28.0	-0.3
TEY			eS	S	03 02 29.0	

EKMR	Ekimchan	14.90 292	eP	P	03 02 39.2	+0.6
EKMR			eS	S	03 02 46.5	
EKMR	comp=Z,40nm,0.6s		AMB	AMB	03 02 46.5	
EKMR	comp=Z,80nm,0.6s		AMB	AMB	03 02 46.5	
EKMR	comp=Z,160nm,0.6s		AMB	AMB	03 02 46.5	
KLR	Kul'dur	15.91 278	eP	P	03 02 51.5	-0.2
KLR			eS	S	03 02 51.8	
KLR	comp=Z,50nm,2.2s		AMB	AMB	03 02 54.2	
KLR	comp=Z,100nm,2.2s		AMB	AMB	03 02 54.2	
KLR	comp=Z,4,4um,15.0s		AMS	AMS	03 10 00.0	
KLR	comp=Z,6,6um,15.0s		AMS	AMS	03 10 00.0	
BMKR	Bomnak	17.45 297	i/P	P	03 03 10.3	-0.7
BMKR			eS	S	03 03 14.3	
BMKR	comp=Z,50nm,0.7s		AMB	AMB	03 03 14.3	
BMKR	comp=Z,110nm,0.7s		AMB	AMB	03 03 14.3	
BMKR	comp=Z,150nm,0.7s		AMB	AMB	03 03 14.3	
YASR	Yasnyy	17.89 292	eP	P	03 03 13.6	-2.9
YASR			eS	S	03 03 18.1	
YASR	comp=Z,5,0nm,0.7s		AMB	AMB	03 03 18.1	
YASR	comp=Z,11nm,0.7s		AMB	AMB	03 03 18.1	
YASR	comp=Z,34nm,0.7s		AMB	AMB	03 03 18.1	
ZEA	Zeya	18.33 294	eP	P	03 03 19.1	-2.8
ZEA			eS	S	03 03 22.2	
ZEA	comp=Z,42nm,1.0s		AMB	AMB	03 03 22.2	
ZEA	comp=Z,86nm,1.0s		AMB	AMB	03 03 22.2	
ZEA	comp=Z,92nm,1.0s		AMB	AMB	03 03 22.2	
ZEA	comp=Z,800nm,8.0s		AMB	AMB	03 03 26.0	
KROS	Kirovskiy	18.52 296	eP	P	03 03 21.9	-2.2
KROS			eS	S	03 03 26.7	
KROS	comp=Z,40nm,0.7s		AMB	AMB	03 03 26.7	
KROS	comp=Z,58nm,0.7s		AMB	AMB	03 03 26.7	
MAJO	Matushiro	18.57 232	eP	P	03 03 24.5	-0.4
MAJO			eS	S	03 03 24.5	-0.4
MAJO	comp=Z,140nm,0.8s		pmax	pmax		
MAJO	Matushiro	18.57 232	eP	P	03 03 24.5	-0.4
MAJO			eS	S	03 03 24.5	-0.4
MAT	Matushiro	18.57 232	eP	P	03 03 24.0	-0.9
MAT			eS	S	03 06 53.0	+6.1
MAT	comp=Z,55nm,1.0s		pmax	pmax		
MAT	Matushiro	18.57 232	eP	P	03 03 24.0	-0.9
MAT			eS	S	03 03 24.0	-0.9
MAT	comp=Z,55nm,1.0s		pmax	pmax		
MAT	Matushiro	18.57 232	eP	P	03 03 23.9	-1.0
MAT			eS	S	03 06 53.0	+6.1
MAT	comp=Z,55nm,1.0s		pmax	pmax		
MDJ	Matsushiro	18.57 232	eP	P	03 03 25.4	+0.9
MDJ			eS	S	03 03 25.4	+0.9
MDJ	Mudanjiang	18.78 264	eP	P	03 03 26.2	-1.1
MDJ			eS	S	03 03 26.2	-1.1
MDJ	comp=Z,66nm,1.2s		AMB	AMB	03 03 26.2	-1.1
MDJ	comp=Z,454nm,4.4s		LR	LR	03 03 26.2	-1.1
MDJ	comp=N,3,3um,20.8s		LR	LR	03 03 26.2	-1.1
MDJ	comp=E,4,4um,19.4s		LR	LR	03 03 26.2	-1.1
MDJ	comp=Z,4,4um,20.5s		LR	LR	03 03 26.2	-1.1
MDJ	Mudanjiang	18.78 264	eP	P	03 03 26.2	-1.1
MDJ			eS	S	03 03 26.2	-1.1
BILL	Bilibino	19.02 12	eP	P	03 03 27.1	-2.9
BILL			eS	S	03 03 27.1	-2.9
BILL	comp=Z,170nm,1.0s		pmax	pmax		
BILL	Bilibino	19.02 12	eP	P	03 03 27.1	-2.8
BILL			eS	S	03 03 27.1	-2.8
BILL	comp=Z,174nm,1.0s		pmax	pmax		
YAK	Yakutsk	19.15 320	c i/P	P	03 03 29.0	-2.4
YAK			eS	S	03 07 03.5	+3.9
YAK	comp=Z,150nm,1.0s		pmax	pmax		
YAK	comp=N,33nm,1.2s		pmax	pmax		
YAK	comp=E,90nm,1.1s		pmax	pmax		
YAK	comp=E,7,7um,1.1s		pmax	pmax		
YAK	comp=Z,110nm,1.1s		pmax	pmax		
YAK	comp=N,11nm,0.9s		smax			
YAK	comp=N,36nm,1.0s		smax			
YAK	comp=Z,12nm,0.9s		smax			
YAK	comp=E,24nm,1.1s		MLR	MLR		
YAK	comp=Z,3,3um,22.0s		MLR	MLR		
YAK	comp=N,1,1um,16.0s		MLR	MLR		
YAK	comp=E,2,2um,23.0s		MLR	MLR		
YAK	Yakutsk	19.15 320	eP	P	03 03 29.7	-1.7
YAK			eS	S	03 03 29.7	-1.7
CLNS	Chul'man	19.91 303	eP	P	03 03 40.1	+0.4
CLNS			eS	S	03 07 17.5	+1.5
CLNS	comp=E,111nm,1.0s		pmax	pmax		
CLNS	comp=Z,180nm,1.0s		pmax	pmax		
CLNS	comp=N,70nm,0.9s		pmax	pmax		
CLNS	comp=Z,405nm,1.5s		pmax	pmax		
CLNS	comp=N,234nm,1.1s		pmax	pmax		
CLNS	comp=E,90nm,0.8s		smax			
CLNS	comp=N,160nm,1.4s		smax			
CLNS	comp=E,80nm,1.2s		smax			
CLNS	comp=Z,20nm,1.2s		MLR	MLR		
CLNS	comp=Z,8,8um,21.0s		MLR	MLR		
CLNS	comp=N,6,6um,29.0s		MLR	MLR		
CLNS	comp=E,900nm,20.0s		MLR	MLR		
HIA	Hailar	23.57 283	eP	P	03 04 16.0	-0.3
HIA			eS	S	03 04 30.0	
HIA	comp=Z,150nm,1.1s		pmax	pmax		
HIA	Hailar	23.57 283	eP	P	03 04 16.0	-0.2
HIA			eS	S	03 04 30.0	
HIA	comp=Z,146nm,1.2s,mb5.3		LR	LR	03 04 30.0	
HIA	Shenyang	23.97 263	i/P	P	03 04 22.4	+2.2
HIA			eS	S	03 08 24.4	-6.2
HIA	comp=Z,10,10nm,1.6s		AMB	AMB	03 04 22.4	+2.2
HIA	comp=N,3,3um,19.0s		LR	LR	03 04 22.4	+2.2
HIA	comp=Z,3,3um,20.2s		LR	LR	03 04 22.4	+2.2
TNA	Tin City	24.38 36	eP	P	03 04 24.6	+0.5
TNA			eS	S	03 04 36.4	
TNA	comp=Z,228nm,1.3s,mb5.4		LR	LR	03 05 31.5	

20d 2h

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Table with columns for station call letters, frequency, and other details. Includes stations like NVS, TGY, WMQ, YKAW, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like EKSZ, CHG, CMAR, AML, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like FRB, KAF, KAF, KAF, etc.

Table with columns: CRVS, CVRS, PSZ, KWP, KBA, KBA, KBA, KBA, KBA, CDF, CDF, HNF, HNF, HAU, HAU, GIVF, RYFY, BAIF, MEZF, CABF, CABF, AKASG, AKASG, HFS, HFS, SSF, SBF, SBF, FRF, FRF, FINES, FINES, KAF, KAF, KAF, KAF, EKA, EKA, OBN, OBN, OBN, OBN, JOF, JOF, ARCES, ARCES, KEV, KEV, BRVK, BRVK, BRVK, BRVK, KURK, KURK, KURK, KURK, AAK, AAK, AAK, AAK, SONM, SONM, YKA, YKA, YKA, YKA, PDAR, PDAR, TXAR, TXAR

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

JMA 20 03:43:21.7, 0.4, 34.00N-141.83E, h34km, 5km, M3.7
IDC 20 03:43:30.0, 2.1, 1.53N-126.34E, mb3.8/3, mb1.4/1.3,
mb1.3/6.8, mb1mx3.7/14, mbtmsp3.9/3, Error ellipse:
s-maj=174.9km s-min=164.3km az=153.0, Northern
Molucca Sea

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

YKA Yellowknife Ar 66.42 29 P P 03 54 12.5 +1.7
L21m, 0.8s, mb3.2, baz=295, slow=6.8, SNR=4.3
TXAR Lajitas Array 91.96 52 P P 03 56 33.3 +3.6
0.4nm, 0.6s, mb3.9, baz=307, slow=4.4, SNR=6.6

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

NEIC 20 04:25:32.5, 34.69S-71.84W, h36km, ML2.9(GUC), After
GUC
GUC 20 04:25:32.5, 0.7, 34.69S-71.84W, h36km, 2km, MD3.5,
ML2.9, 9C-1D, Near coast of central Chile

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

IDC 20 04:25:59.8, 1.0, 33.29N-142.47E, mb3.6/6, mb1.3/8.8,
mb1mx3.8/22, mbtmsp3.7/8, ML3.8/2, MS3.1/1, Ms1.3/1/1,
ms1mx2.2/24, Error ellipse: s-maj=27.2km s-min=20.8km
az=111.0

JMA 20 04:26:03.0, 0.7, 33.53N-142.06E, M3.2
ISC 20 04:26:00.7, 2.5, 33.33N-106.142, 40E, 0.08, h21km, 20km,
n17, 0.090/21, mb3.6/6, Off east coast of Honshu

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

PRU 20 04:35:09.3, 50.32N, 18.72E
WAR 20 04:35:08.2, 50.26N-18.86E, h0km, ML2.5, Mining
Induced, Poland

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

M4.3, Ms2.4.1
NEIC 20 04:46:10.6, 1.6, 34.16N-141.48E, h37km, 14km, mb4.2/20,
Error ellipse: s-maj=11.3km s-min=8.8km az=136.0
ISC 20 04:46:10.5, 0.8, 34.16N-105.141, 47E, 0.07, h52km, 6km,
n89, c115/122, mb4.1/36, MS3.9/2, 2C, Off east coast of
Honshu

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. Includes stations like Malin Array Be, Mina Array Be, NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Keskin Array B, Paradox Valley, 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 Keskin Array B, FINESS Array B, 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 Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Boso 1, Boso 3, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Narrogin (SRO), Columbia Colle, etc.

20d 7h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, WRAB Warramunga Arr, ASAJ Asahikawa, etc.

ISC 20 06:43:11.3, 3.0, 10.81S, 162.59E, mb3.7/4, mb1 3.9/4, mb1mx3.8/12, mbtmp3.7/4, Error ellipse: s-maj=107.0km, s-min=31.4km az=133.0.

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

IGQ 20 06:46:36.1, 1.94S, 78.45W, h160km, 1.4km, mb4.1, 1C-13D, Error ellipse: s-maj=1.4km s-min=5.6km az=102.2, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIED 20 06:48:00.35, 70N, 140.20E, h59km, Mw4.1, etc.

2005 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, WRA Warramunga Arr, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 20 07:03:58.0, 7.0, 33.33N, 142.42E, h65km, M3.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JHJ2 Hiteune, etc.

ISC 20 07:04:14.4, 1.5, 2.95N, 93.48E, h23km, 6km, mb3.4/5, mb1 3.6/6, mb1mx3.5/17, mbtmp3.6/6, ML3.7/1, Error ellipse: s-maj=51.3km s-min=18.6km az=59.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

590

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

ISC 20 07:27:03.8, 8.4, 7.84N, 93.95E, mb4.0/4, mb1 4.1/5, mb1mx3.8/17, mbtmp3.9/5, ML4.0/1, Error ellipse: s-maj=193.8km s-min=56.1km az=145.0, Nicobar Islands region

NIED 20 07:47:00.23, 60N, 120.80E, h86km, Mw5.0 Best double couple: M3.1x10^16 NP1, phi=64, delta=79, lambda=132. NP2, phi=322, delta=3, lambda=16.

JMA 20 07:47:17.4, 0.3, 23.59N, 120.78E, h93km, M4.9, NEIC 20 07:47:18.3, 0.8, 23.54N, 120.97E, h36km, 7km, mb4.8/44, Error ellipse: s-maj=6.1km s-min=5.6km az=90.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALS Alishan, CHNS Tsauing, WSK Yui-Shan, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like NNS, KAU, WDG, PNG, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like LZH, CBJ, CMAR, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like ARU, NWA, STKA, etc.

Table with columns: MGZ, McQueen's Vall, 4.35, 72, ePN, Pn, 12 06 54.3 -3.4, etc.

Table with columns: CACH, Chadas Angosto, 1.15, 357, i/P, Sb, 12 54 31.0 +0.1, etc.

Table with columns: KNM, Kinmen, 3.45, 313, eP, Pn, 13 15 14.2 -0.6, etc.

Table with columns: IDC 20 12:07:06.7-2.1, 1.84S, 148.02E, mb3.2/3, mb1 3.5/3, etc.

Table with columns: LNV, Longivolo, 1.31, 329, i/P, Pb, 12 54 22.9 -1.1, etc.

Table with columns: SGCP, Mt. Cagua, 3.90, 168, eP, Pn, 13 15 21.5 +0.3, etc.

Table with columns: IDC 20 12:10:15.1-1.6, 43.13S, 82.75W, mb4.3/5, mb1 4.5/6, etc.

Table with columns: IDC 20 13:14:23.4, 3.6, 22.02N, 121.29E, h33km, 27km, mb4.0/12, etc.

Table with columns: JTK, Tokunoshima, 9.04, 49, P, S, 13 16 31.9 -1.4, etc.

Table with columns: PLCA, Paso Flores, 9.40, 79, Op, ISC, 12 12 32.5 -2.4, etc.

Table with columns: LAY, Lan-yu, 0.32, 87, i/P, Op, ISC, 13 14 30.9 +0.5, etc.

Table with columns: CM31, Chiang Mai Arr, 21.19, 264, eP, P, 13 19 07.1 -0.2, etc.

Table with columns: UPP 20 12:19:52.0, 56.34N, 23.35E, ML3.0, Mining explosion, etc.

Table with columns: NEIC Recorded [2 TAP] in Ping-tung and Tai-tung Counties, etc.

Table with columns: CMAR, Chiang Mai Arr, 21.19, 264, P, S, 13 19 07.2 -0.1, etc.

Table with columns: CSEM 20 12:19:55.7-0.4, 56.63N, 23.00E, h2km, ML2.1, Error ellipse, etc.

Table with columns: NEIC 20 13:14:23.4, 3.6, 22.02N, 121.29E, h33km, 27km, mb4.0/12, etc.

Table with columns: CMAR, Chiang Mai Arr, 21.19, 264, P, S, 13 19 07.2 -0.1, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: NEIC 20 12:53:59.0, 35.08S, 70.59W, h3km, ML2.6(GUC), After GUC, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

KRSC 20 13:16:31.7-1.3, 55.73N, 162.13E, h19km, 1km, ML4.1, MOS 20 13:16:31.7-0.8, 55.75N, 162.40E, h33km, mb3.6/1, Error ellipse, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like UNV Unalaska Valle, NJ2 Nanjing, SAO San Andreas Ge, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like KURK Kurchatov, KBK Karagaybulak, UCH Uchtor, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CLL Berggiesshubel, KHC Kasperke Hour, GERES GERESS Array B, etc.

UGL	comp=E,23um,14.0s	MLR	MLR						
SNY	Shenyang	16.25 304	↑P	P	14 20 10.5	-0.9			
SNY			PP	PP	14 20 27.3	+2.5			
SNY			LR	LR					
SNY	comp=N,10um,10.8s		LR	LR					
SNY	comp=E,14um,11.9s		LR	LR					
KLR	Kul'dur	16.97 337	eP	P	14 20 18.0	-2.4			
KLR			MLR	MLR					
KLR	comp=E,13um,15.0s		MLR	MLR					
SSE	Sheshan	17.42 266	P	P	14 20 24.3	-1.9			
SSE			AP	S	14 20 33.8				
SSE			AMB	AMB	14 23 35.4	-1.3			
SSE	comp=Z,27nm,0.7s		AMB	AMB					
SSE	comp=Z,3um,12.0s		LR	LR					
SSE	comp=N,9um,16.4s		LR	LR					
SSE	comp=E,4um,16.4s		LR	LR					
SSE	comp=Z,9um,14.5s		LR	LR					
NJ2	Nanjing	19.14 271	eP	P	14 20 45.3	-1.9			
NJ2			AP		14 20 55.3				
NJ2			XP		14 20 58.1				
NJ2			PP	PP	14 21 02.0	-2.3			
NJ2			XS	AMB	14 24 35.0				
NJ2			AMB	AMB					
NJ2	comp=Z,30nm,0.9s		AMB	AMB					
NJ2	comp=Z,7um,11.5s		LR	LR					
NJ2	comp=N,19um,13.3s		LR	LR					
NJ2	comp=E,39um,14.6s		LR	LR					
NJ2	comp=Z,44um,15.3s		LR	LR					
TATO	Taipei	19.59 248	eP	P	14 20 53.7	+1.5			
SKR	Severo-Kuril's	19.87 28	eP	P	14 20 47.9	-7.2			
SKR			eP	pmax					
SKR	comp=N,3um,14.0s		pmax	pmax					
SKR	comp=E,3um,14.0s		pmax	pmax					
SKR	comp=Z,3um,14.0s		MLR	MLR					
SKR	comp=N,8um,12.0s		MLR	MLR					
SKR	comp=E,8um,12.0s		MLR	MLR					
SKR	comp=Z,10um,12.0s		MLR	MLR					
GUMO	Guam	20.43 171	PFAKE	LR	14 21 10.0	+8.8			
GUMO			LR	LR					
BJT	Baijiatuu	21.16 294	eP	P	14 21 04.9	-3.6			
BJT			eP	pmax					
BJT	comp=Z,13nm,0.9s		eP	P	14 21 04.9	-3.6			
BJT	Baijiatuu	21.16 294	eP	P	14 21 21.2	-2.3			
PET	Petropavlovsk	22.69 27	eS	S	14 25 25.6	+1.1			
PET			eS	SS	14 26 05.0	-3.5			
PET			eS	pmax					
PET	comp=Z,1um,14.0s		pmax	pmax					
PET	comp=Z,2um,11.4s		smax						
PET	comp=E,2um,13.4s		smax						
PET	comp=N,4um,12.4s		smax						
PET	comp=N,5um,12.0s		MLR	MLR					
PET	comp=Z,4um,18.0s,MS5.0		MLR	MLR					
PET	comp=Z,7um,17.0s		P	P	14 21 25.6	+2.1			
PET	Petropavlovsk	22.69 27	P	P	14 21 29.0	-0.2			
WHN	Wuhan	23.24 269	S	S	14 25 37.0	+2.4			
WHN			S	LR					
WHN	comp=N,7um,13.6s,MS6.0		LR	LR					
WHN	comp=E,40um,14.0s,MS6.0		LR	LR					
WHN	comp=Z,41um,13.6s,MS6.0		LR	LR					
TIY	Taiyuan	23.89 288	↑P	P	14 21 37.0	+1.6			
TIY			LR	LR					
CLNS	Chul'man	25.62 339	eP	P	14 21 54.0	+2.2			
CLNS			eP	pmax					
CLNS	comp=Z,36nm,1.4s,mb4.7		pmax	pmax					
CLNS	comp=N,21nm,1.1s		pmax	pmax					
CLNS	comp=E,13nm,1.0s		pmax	pmax					
CLNS	comp=Z,42nm,1.3s,mb4.8		pmax	pmax					
CLNS	comp=N,18nm,0.7s		pmax	pmax					
CLNS	comp=E,21nm,1.4s		MLR	MLR					
CLNS	comp=N,10um,14.0s,MS5.5		MLR	MLR					
CLNS	comp=E,2um,14.0s,MS5.5		MLR	MLR					
CLNS	comp=Z,17um,14.0s,MS5.7		MLR	MLR					
MA2	Magadan	26.40 11	eP	P	14 21 55.3	-3.7			
MA2			eP	pmax					
MA2	comp=Z,286nm,1.9s,mb5.5		P	P	14 21 55.3	-3.7			
MA2	Magadan	26.40 11	eP	P	14 22 00.4	-4.5			
XAN	Xi'an	27.02 280	P	PP	14 22 12.8	-2.8			
XAN			AP	LR					
XAN	comp=N,10um,13.7s,MS5.9		LR	LR					
XAN	comp=E,18um,13.9s,MS5.9		LR	LR					
XAN	comp=Z,24um,14.4s,MS5.9		LR	LR					
ENH	Enshi	27.36 271	eP	P	14 22 05.1	-3.0			
ENH			LR	LR					
ENH	comp=Z,125nm,1.6s,mb5.2		LR	LR					
YAK	Yakutsk	29.16 349c	iP	P	14 22 24.2	+0.3			
YAK			eS	Sx	14 27 12.0	0.0			
YAK			eS	S	14 32 32.9				
YAK			e	pmax	14 32 59.9				
YAK	comp=Z,10.0nm,1.1s,mb4.5		pmax	pmax					
YAK	comp=N,6.0nm,1.2s		pmax	pmax					
YAK	comp=E,3.0nm,1.2s		pmax	pmax					
YAK	comp=E,4.0nm,1.0s		pmax	pmax					
YAK	comp=Z,10.0nm,1.0s,mb4.5		pmax	pmax					
YAK	comp=N,9.0nm,0.9s		smax						
YAK	comp=N,3.0nm,1.1s		smax						
YAK	comp=E,2.0nm,1.1s		smax						
YAK	comp=Z,3.0nm,1.0s		MLR	MLR					
YAK	comp=Z,8um,16.0s,MS5.4		MLR	MLR					
YAK	comp=N,7um,15.0s,MS5.5		MLR	MLR					
YAK	comp=E,6um,14.0s,MS5.5		MLR	MLR					
YAK	Yakutsk	29.16 349	eP	P	14 22 23.2	-0.7			
YAK			LR	LR					
YAK	comp=Z,1um,19.0s,MS5.5		LR	LR					
FX1	Attu Island-F	29.44 40	LR	LR	14 32 19.9				
FX1			LR	LR					
SOMM	Songino Array	29.74 309	P	P	14 22 29.9	+0.7			

SEY	comp=Z,13nm,1.2s,mb4.5,baz=106,slow=9.0,SNR=14								
SEY	Seymchan	29.85 10	eP	P	14 22 26.3	-3.7			
SEY			eS	S	14 23 30.2				
SEY			eS	S	14 25 28.1				
SEY			eS	S	14 27 16.7	-6.3			
SEY			eS	S					
BOD	comp=Z,30nm,1.1s,mb4.9		eP	P	14 22 32.0	-2.0			
BOD	Boaibo	30.29 331	eP	P	14 22 37.5	-1.8			
BOD	Lanzhou	30.86 285	↑P	P	14 22 47.0	-3.2			
BOD			AP	PP	14 23 39.1	-2.3			
BOD			eS	SS	14 27 36.5	-2.6			
BOD			eS	SS	14 29 20.3	-3.5			
BOD			AMB	AMB					
BOD	comp=Z,69nm,1.5s,mb5.3		AMB	AMB					
BOD	comp=Z,416nm,9.0s		LR	LR					
BOD	comp=E,3um,13.5s		LR	LR					
BOD	comp=Z,5um,17.4s,MS5.3								
IRK	Irkutsk	32.37 316	eP	P	14 22 53.6	+1.2			
ZAK	Zakamensk	32.39 312	eP	P	14 22 52.2	-0.4			
TLY	Talaya	32.55 315	eP	P	14 22 53.8	-0.2			
TLY			eS	S	14 28 10.8	+5.1			
TLY			eS	SS	14 30 23.4	+2.0			
TLY			eS	pmax					
TLY	comp=Z,39nm,1.2s,mb5.2		MLR	MLR					
TLY	comp=Z,12um,16.0s,MS5.7								
TLY	Talaya	32.55 315	eP	P	14 22 54.0	0.0			
TLY			eP	P	14 23 01.0	-6.6			
TLY			eP	P	14 23 29.5	-2.4			
MOY	Mondy	34.13 314	eP	P	14 23 01.0	-6.6			
BILL	Bilibino	37.01 15	eP	P	14 23 29.5	-2.4			
BILL			eP	pmax					
BILL	comp=Z,35nm,1.4s,mb5.0		P	P	14 23 29.5	-2.4			
BILL	Bilibino	37.01 15	eP	P	14 23 29.5	-2.4			
BILL			LR	LR					
BILL	comp=Z,35nm,1.4s,mb5.0		LR	LR					
BILL	comp=Z,9um,19.0s,MS5.6								
TIXI	Tiksi	38.42 354	eP	P	14 23 43.7	+0.1			
TIXI			eS	S	14 29 35.2	-0.4			
TIXI			eS	pmax					
TIXI	comp=Z,22nm,1.2s,mb4.8		MLR	MLR					
TIXI			MLR	MLR					
TIXI	comp=Z,12um,16.0s,MS5.8		iP	P	14 23 43.9	+0.3			
CM31	Chiang Mai Arr	40.92 259	P	P	14 24 03.2	-1.7			
CMAR	Chiang Mai Arr	40.92 259	P	P	14 24 03.6	-1.2			
CMAR			P	P	14 44 16.8				
CMAR	comp=Z,2.2nm,0.7s,baz=47,slow=7.6,SNR=9.1		LR	LR					
WMO	Urumqi	42.44 300	P	P	14 24 17.5	+0.4			
WMO			AP	PP	14 24 27.3	-1.1			
WMO			PP	PP	14 25 59.0	+0.6			
WMO			PP	PP	14 30 36.5	+0.7			
WMO			AMB	AMB					
WMO	comp=Z,22nm,1.6s,mb4.5		AMB	AMB					
WMO	comp=Z,119nm,5.2s		LR	LR					
WMO	comp=N,3um,20.1s,MS5.2		LR	LR					
WMO	comp=E,2um,21.3s,MS5.2		LR	LR					
WMO	comp=Z,2um,21.4s,MS5.1		LR	LR					
LSA	Lhasa	42.71 279	P	P	14 24 16.3	-3.2			
LSA			AP	PP	14 24 27.8	-3.0			
LSA			PP	PP	14 25 58.5	-2.8			
LSA			PCP	PCP	14 26 06.1	-5.2			
LSA			SCP	PCS	14 29 57.0				
LSA			S	S	14 30 00.8				
LSA			XS	S	14 30 42.4	+2.4			
LSA			LR	LR	14 30 57.5				
LSA	comp=N,2um,14.4s,MS5.7		LR	LR					
LSA	comp=E,7um,15.7s,MS5.7		LR	LR					
LSA	comp=Z,10um,16.4s,MS5.8		eP	P	14 24 18.1	-1.4			
LSA	Lhasa	42.71 279	eP	P	14 24 18.1	-1.4			
LSA			eP	pmax					
LSA	comp=Z,20nm,1.2s,mb4.7		MLR	MLR					
LSA	comp=Z,6um,19.0s,MS5.5		eP	P	14 24 18.1	-1.4			
LSA	comp=Z,20nm,1.2s,mb4.7		LR	LR					
LSA	comp=Z,6um,19.0s,MS5.5								

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MAW, YKA, ASAR, WRA.

BUI 20 14:32:25.0, 4.91N, 92.81E, h23km, mb4.8
DC 20 14:32:31.6, 0.6, 5.44N, 92.69E, h22km, 3km, mb4.0/8,
mb1 4.3/9, mb1mx4.1/17, mbtm4.2/9, ML3.7/1, Error
ellipse: s-maj=32.0km s-min=1.7km az=49.0

NEIC 20 14:32:31.6, 0.3, 5.50N, 92.82E, mb4.6/12, Error ellipse:
s-maj=8.6km s-min=6.2km az=59.0

ISC 20 14:32:29.6, 0.4, 5.47N, 0.06E, 92.82E, 0.1, h23km,
h23km, 4km, pP-P, n46, 0.190/043, mb4.5/26, 1C-1D, Off
west coast of northern Sumatra

Main table for station MAW, listing various seismic stations like Pallekele, Chiang Mai Arr, CMAR, CHG, KKTk, etc.

IDC 20 14:46:01.8, 1.2, 7.22N, 93.39E, mb3.8/6, mb1 4.0/7,
mb1mx3.8/16, mbtm3.8/7, ML3.9/1, Error ellipse:
s-maj=48.6km s-min=22.8km az=52.0

ISC 20 14:46:06.6, 3.8, 7.4N, 0.2, 93.6E, 0.1, h46km, 34km, n14,
0.059/14, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR, HYB, JIRN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SONM, WRA, ASAR, BRTR, FINES, ARCES.

BUI 20 14:51:53.5, 0.20S, 122.70E, h100km, mb5.4, mb4.8
NEIC 20 14:51:53.6, 0.5, 0.25S, 122.73E, h100km, mb4.6/12, Error
ellipse: s-maj=37.0km s-min=8.6km az=66.0

ISC 20 14:51:52.1, 0.5, 0.25S, 122.7E, 0.2, h100km, n27,
0.0574/27, mb4.1/18, Minahas Peninsula, Sulawesi

Main table for station SONM, listing various seismic stations like Tennant Creek, WRA, WB2, TATO, etc.

MOS 20 15:11:23.6, 2.2, 54.38N, 111.32E, h11km, mb4.2/1, Error
ellipse: s-maj=16.3km s-min=8.2km az=80.0

BYKL 20 15:11:23.6, 0.2, 54.40N, 111.31E, h9km, 14km, 2C-9D,
Lake Baykal region

Main table for station YLYR, listing various seismic stations like Ulyunghan, KMO, KUZ, etc.

Main table for station SVKR, listing various seismic stations like Severomysk, ZRH, TRTB, etc.

20d 15h

IDC 20 15:11:26.1z.1.7, 42.81S:74.25W, mb4.1/6, mb1 4.4/7, mb1mx4.0/13, mbtmp4.1/7, ML4.0/1, MS3.6/2, MS1 3.6/2, ms1mx2.7/14, Error ellipse: s-maj=44.1km s-min=35.7km az=176.0

GUC 20 15:11:28.0z.0.9, 42.65S:74.31W, h5km, ML5.0
NEIC 20 15:11:30.6z.4.9, 42.67S:74.29W, h24km, 34km, mb4.4/5, ML5.0(GUC), Error ellipse: s-maj=23.7km s-min=9.7km az=84.0

NEIC Fell (III) at Castro.
ISC 20 15:11:30.5z.0.6, 42.67S:0.04z.74.3W.0.1, h33km, n26, r1526/29, mb4.1/8, 1C-2D, Southern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Puerto Montt, Osorno, Coyhaique, Paso Flores, Temuco, etc.

TEH 20 15:12:08.6z.30.43N, 49.54E, h5km, Mn3.8
IDC 20 15:12:10.0z.3.5, 30.83N, 49.88E, mb3.7/9, mb1 3.9/12, mb1mx3.8/23, mbtmp3.8/12, ML3.5/3, Error ellipse: s-maj=70.9km s-min=25.2km az=168.0

THR 20 15:12:10.2z.1.0, 30.55N, 49.83E, h18km, 12km, ML3.9
NEIC 20 15:12:11.1z.7.1, 30.60N, 49.90E, h14km, 42km, mb4.1/3, Error ellipse: s-maj=27.8km s-min=14.1km az=153.0

MOS 20 15:12:13.9z.10.92N, 49.79E, h33km, mb4.4/6, Error ellipse: s-maj=22.5km s-min=10.3km az=118.1
CSEM 20 15:12:15.0z.0.1, 30.89N, 49.87E, h35km, mb4.6/3, Error ellipse: s-maj=3.0km s-min=1.7km az=148.0

OMAN 20 15:12:46.9z.28.31N, 51.24E, h4km, Error ellipse: s-maj=573.0km s-min=83.5km az=329.0
ISC 20 15:12:10.7z.0.3, 30.71N, 0.03z.49.84E.0.04, h10km, n86, r1549/88, mb3.7/12, 2C-4D, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Borjoe, Shushtar, Shooshtar-Gavs, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Malatya, Elat, Kislovodsk, etc.

NEIC 20 15:15:52.5, 16.04N:99.08W, h16km, MD4.0(MEX), After MEX.
MEX 20 15:15:52.5z.0.8, 16.04N:99.08W, h16km, 55km, MD4.0, After cost of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Pinotepa, Acapulco, etc.

BUI 20 15:17:30.1z.0.5, 13.08N:92.41E, h30km, mb5.3, mb4.6, Ms4.9, Ms2.5
IDC 20 15:17:33.1z.0.5, 13.08N:92.75E, mb4.5/17, mb1 4.6/18, mb1mx4.6/22, mbtmp4.5/18, ML4.0/1, MS4.1/4, Ms1 4.1/4, ms1mx3.8/21, Error ellipse: s-maj=26.4km s-min=9.6km az=50.0

MOS 20 15:17:36.8z.0.9, 13.14N:92.64E, h33km, mb4.9/21, Error ellipse: s-maj=12.0km s-min=7.4km az=114.7
NEIC 20 15:17:38.1z.0.2, 13.10N:92.50E, h30km, mb4.8/28, Error ellipse: s-maj=6.9km s-min=4.8km az=48.0

ISC 20 15:17:36.4z.0.3, 13.06N:0.04z.92.50E.0.03, h33km, n124, r1519/135, mb4.7/48, MS4.3/3, 6C-2D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Port Blair, Chiang Mai Arr, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Khon Kaen, Shillong, Palkeleke, etc.

Table with columns: ANMO, Albuquerque, 117.01, 48, ePKIKP, PKPdf, 17 05 48.9 +3.7, etc.

WEL 20 16:51:55.6:1.0, 38.085x176.26E, h249km, gkm, ML3.7/1, Error ellipse: s-maj=16.2km s-min=11.3km az=90.0, North Island

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

JMA 20 16:56:03.3:0.3, 25.14N, 122.09E, h65km, TAP 20 16:56:03.8:1.0, 24.85N, 122.00E, h87km, ML3.4, Taiwan

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

ISC 20 17:05:32.4:1.6, 20.50Sx169.13E, mb4.2/8, mb1 4.3/8, mb1 mx4.2/14, mbtmp4.2/8, MS4.0/2, Ms1 4.0/2, ms1 mx3.5/12, Error ellipse: s-maj=55.4km s-min=24.9km az=150.0

NEIC 20 17:05:38.8:1.0, 20.41Sx168.85E, h35km, mb4.7/5, Error ellipse: s-maj=27.4km s-min=15.7km az=139.0

ISC 20 17:05:38.2:1.1, 20.45S, 0.1x168.7E, 0.2, h33km, n23, f104/24, mb4.3/11, MS3.9/2, Loyalty Islands

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

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

IGQ 20 17:15:06.0, 1.05S-81.36W, h12km, 23km, mb4.3, 3C-4D, Error ellipse: s-maj=22.8km s-min=7.1km az=176.0, Off coast of Ecuador

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

MOS 20 17:19:51.3:2.6, 41.76N, 48.04E, h5km, mb3.9/1, 1C-2D, Error ellipse: s-maj=39.3km s-min=24.9km az=105.0, Eastern Caucasus

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

NAO 20 17:28:13.9:4.3, 80.13N, 32.89E, ML3.7, ISC 20 17:28:15.2:1.9, 79.7N, 0.1x32.7E, 0.4, h4km, 11km, n10, c138/18, Svalbard region

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

CSEM 20 17:35:19.1:0.1, 36.64N, 28.39E, h80km, MD3.5, Error ellipse: s-maj=3.2km s-min=1.2km az=83.0

ATH 20 17:35:21.2, 36.68N, 28.12E, h10km, MD3.5/3, ISC 20 17:35:22.9, 36.78N, 28.37E, h57km, MD3.5

HW 20 17:35:25.0, 36.40N, 29.32E, h33km, Mb4.0, ISC 20 17:35:30.0, 36.56N, 0.0x28.39E, 0.06, h79km, gkm, n62, c074/65, Dodecanese Islands

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

Table with columns: GLL, Jalalah, 7.50, 157, P, P, 17 07 08.8 -0.3, etc.

ISC 20 18:02:50.8:6.9, 4.01S, 151.61E, h45km, 57km, mb3.3/5, mb1 3.6/6, mb1 mx3.5/14, mbtmp3.6/6, ML2.3/1, Error ellipse: s-maj=65.9km s-min=29.4km az=92.0, New Britain region

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

ISC 20 18:17:56.4:1.5, 10.97N, 141.14E, mb3.5/4, mb1 3.8/4, mb1 mx3.6/18, mbtmp3.5/4, MS4.2/1, ms1 mx2.1/8, Error ellipse: s-maj=46.1km s-min=29.0km az=90.0, Western Caroline Islands

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

KRSC 20 18:27:04.2:1.3, 52.82N, 153.71E, h522km, 22km, ML3.9, Northwest of Kuril Islands

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

ISC 20 18:36:56.7:1.3, 2.95N, 94.74E, mb3.9/8, mb1 4.1/9, mb1 mx3.9/19, mbtmp3.9/19, ML4.1/1, MS3.4/1, Ms1 3.6/1, ms1 mx2.9/22, Error ellipse: s-maj=55.1km s-min=20.2km az=54.0

BUI 20 18:37:01.2, 2.90N, 94.80E, h30km, mb4.4, NEIC 20 18:37:01.3:0.6, 2.94N, 94.77E, h30km, mb4.5/3, Error ellipse: s-maj=19.5km s-min=10.5km az=68.0

ISC 20 18:36:59.9:0.9, 2.9N, 0.1x94.9E, 0.2, h30km, n21, c084/21, mb4.2/15, Off west coast of northern Sumatra

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

CSEM 20 18:39:07.0, 35.08N, 2.80W, h8km, MD3.0, After CNRM CNRM 20 18:39:07.0, 35.08N, 2.80W, h8km, MD3.0

MDD 20 18:39:08.2:1.0, 34.88N, 2.83W, mbLg1.1/1, Error ellipse: s-maj=13.7km s-min=3.9km az=147.0, PRXIMO SIN SLOUCIN, Morocco

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

IDC 20:18:43:54.5:7.3, 13.49N-93.11E, mb3.4/2, mb1 3.5/3, mb1mx3.3/18, mbtmt3.2/3, ML2.3/1, Error ellipse: s-maj=148.6km s-min=36.0km az=113.0, Andaman Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CMAR	Chiang Mai Arr	7.47	48	Op Pn	18 45 45.5	-2.0
CMAR	0.0nm, 0.5s, baz=234, slow=16, SNR=27					
CMAR	0.1nm, 0.5s, baz=240, slow=28, SNR=4.9					
WRA	Warramunga Arr	52.44	129	P	18 53 09.1	-2.3
ASAR	Alce Springs	54.36	133	P	18 53 23.4	-2.2
	0.3nm, 0.5s, baz=307, slow=6.7, SNR=17					

BJI 20:18:56:29.0, 41.16S:175.10E, h36km, mB5.7, mb5.1, Ms5.7, Ms29.3

HRVD 20:18:56:30.7:0.3, 41.21S:175.16E, h31km, MW5.3/5.2, Centroid moment Tensor Solution. LP body waves: *C401, c86; Mantle waves: s52, c95; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mw-0.86; 0.3; Mw0.69±0.02; Mw0.16±0.02; M0.28±0.04; Mw0.46±0.2; Mw0.14±0.04; Best double couple: Mw.964±0.107; NP1: ϕ=23°, δ=22°, λ=116°. NP2: ϕ=76°, δ=53°, λ=69°. Principal axes: T: 9.75, P1g6: Azm151; N: -0.22, P1g7: Azm243; P: -9.53, P1g7: Azm44; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.*

NEIC 20:18:56:30.7:0.3, 41.22S:175.21E, h39km, mB5.2/2.2, ML5.5(WEL) Error ellipse: s-maj=6.0km s-min=2.7km az=125.0

NEIC Minor damage at Lower Hutt, Upper Hutt, Wellington and on Kapiti. Felt at Porirua and in much of the Wellington area.

MOS 20:18:56:30.4:1.4, 41.04S:174.76E, h33km, mB5.3/9, Error ellipse: s-maj=20.2km s-min=12.3km az=112.3

WEL 20:18:56:31.4:0.0, 41.09S:175.05E, h31km, ML5.6/39, Error ellipse: s-maj=0.4km s-min=0.3km az=90.0, reported intensity MM 7.

WEL Felt from Auckland to Canterbury, and from West Coast to Hawke's Bay, maximum.

IDC 20:18:56:31.3:0.5, 40.90S:174.89E, h32km, mB4.5/11, mb1.4/9/13, mb1mx4.5/11, mbtmt4.7/13, ML4.3/2, Ms4.7/11, Ms1.4/7/11, ms1mx4.3/23, Error ellipse: s-maj=15.6km s-min=1.7km az=28.0

ISC 20:18:56:30.8:0.2, 41.22S:174.98E, 0.03, h40km, 2km, h31km, 2.3km, P-P, P-P, n132, s132/164, mB5.2/29, MS5.0/2, 17C-21D, Cook Strait

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CAW	Cannon Point	0.07	79	Op P	18 56 36.5	+0.6
CAW	Cannon Point	0.07	79	S	18 56 40.6	-1.0
CAW	Cannon Point	0.07	79	S	18 56 36.5	+0.6
CAW	Cannon Point	0.07	79	S	18 56 40.6	-1.1
WEL	Wellington	0.23	224	P	18 56 38.8	+0.5
WEL	Wellington	0.23	224	P	18 56 38.8	+0.5
MRW	Makara Radio	0.23	243	P	18 56 43.3	+0.7
MRW	Makara Radio	0.23	243	P	18 56 39.0	+0.7
MRW	Makara Radio	0.23	243	P	18 56 44.1	+0.5
KIW	Kapiti Island	0.26	349	P	18 56 38.4	-0.2
KIW	Kapiti Island	0.26	349	P	18 56 43.5	-0.6
KIW	Kapiti Island	0.26	349	P	18 56 43.5	-0.6
BHW	Baring Head	0.30	196	P	18 56 39.5	+0.5
BHW	Baring Head	0.30	196	P	18 56 45.2	+0.5
BHW	Baring Head	0.30	196	P	18 56 39.5	+0.4
BHW	Baring Head	0.30	196	P	18 56 45.2	+0.4
MSWZ	Moikau Station	0.36	145	P	18 56 39.6	+0.1
MSWZ	Moikau Station	0.36	145	P	18 56 46.4	+0.5
MSWZ	Moikau Station	0.36	145	P	18 56 39.8	+0.1
MSWZ	Moikau Station	0.36	145	P	18 56 46.4	+0.5
MTW	Mount Morrison	0.40	96	P	18 56 39.4	+0.8
MTW	Mount Morrison	0.40	96	P	18 56 45.9	-0.7
MTW	Mount Morrison	0.40	96	P	18 56 39.4	+0.7
MTW	Mount Morrison	0.40	96	P	18 56 45.9	-0.8
PAWZ	Paruawai Farm	0.43	128	P	18 56 40.3	-0.2
PAWZ	Paruawai Farm	0.43	128	P	18 56 47.7	+0.3
MRZ	Mangatoinaka R	0.65	45	P	18 56 42.8	+0.7
MRZ	Mangatoinaka R	0.65	45	P	18 56 52.5	+0.3
MRZ	Mangatoinaka R	0.65	45	P	18 56 52.5	+0.3
TUWZ	Tuaranira	0.84	248	P	18 56 47.7	+1.6
CMWZ	Cape Campbell	0.85	222	P	18 56 48.9	+2.6
CMWZ	Cape Campbell	0.85	222	P	18 56 48.9	+2.3
BSWZ	Blackburn Sta	1.02	234	P	18 56 48.4	+0.9
BFZ	Birch Farm	1.06	66	P	18 56 48.4	+0.9
BFZ	Birch Farm	1.06	66	P	18 56 48.4	+0.9
NNZ	Nelson	1.21	265	P	18 56 53.6	+2.2
NNZ	Nelson	1.21	265	P	18 56 53.0	+1.6
TSZ	Takapari Road	1.30	366	P	18 56 52.5	-0.2
WAZ	Wanganui	1.48	14	P	18 56 52.5	-0.2
KHZ	Kahutara	1.68	219	P	18 56 58.7	+0.4
KHZ	Kahutara	1.68	219	P	18 56 58.7	+0.4
THZ	Tophouse	1.69	247	P	18 56 59.4	+1.1
THZ	Tophouse	1.69	247	P	18 56 59.4	+1.1
PWZ	Pawani	1.80	53	P	18 57 00.2	+0.1
PWZ	Pawani	1.80	53	P	18 57 00.2	+0.1
MOVZ	Moawhango	1.81	19	P	18 57 00.1	+0.1
MOVZ	Moawhango	1.81	19	P	18 57 00.1	+0.1
QNZ	Quartz Range	1.88	278	P	18 57 03.0	+2.0
RAEZ	Rainy Point	1.89	346	P	18 57 04.1	+3.0
RAEZ	Rainy Point	1.89	346	P	18 57 04.1	+3.0
DWFZ	Dome Summit	1.91	339	P	18 57 04.2	+3.0
DWFZ	Dome Summit	1.91	339	P	18 57 04.2	+3.0
FWVZ	Far West T-bar	1.92	13	P	18 57 02.4	+0.9
NRZ	Ngariki Road	1.95	336	P	18 57 05.1	+3.0
WPVZ	Whakapapa	1.96	13	P	18 57 03.2	+1.0
NEZ	North Egmont	1.97	340	P	18 57 05.1	+2.8
NGRZ	Ngaurunui	2.02	234	P	18 57 03.7	+0.9
VRZ	Vera Road	2.00	355	P	18 57 04.4	+1.6
NWEZ	Newall Road	2.03	335	P	18 57 06.1	+2.9
WTVZ	West Tongariro	2.06	13	P	18 57 04.4	+0.8
PKE	Pukeiti	2.07	338	P	18 57 06.3	+2.6
TWZ	Taurewa	2.08	23	P	18 57 04.7	+0.2
KATZ	Kakaramea	2.11	15	P	18 57 06.5	+0.7
RITZ	Rihia Road	2.25	18	P	18 57 06.5	+0.2
RATZ	Rangitukia	2.33	15	P	18 57 07.8	+0.3
HATZ	Hineaiaua	2.39	21	P	18 57 07.6	-0.7
DSZ	Denniston Nort	2.47	254	P	18 57 10.3	+0.9
WATZ	Wairara	2.48	14	P	18 57 09.3	-0.3
HIZ	Hauti	2.61	358	P	18 57 12.5	+1.1
LTZ	Lake Taylor	2.61	230	P	18 57 11.5	0.0
PATZ	Paeroa	2.91	20	P	18 57 14.9	-0.9
KNZ	Kokohu	2.95	45	P	18 57 13.0	-3.3
CR LZ	Canterbury Las	3.01	215	P	18 57 16.5	-0.7
CR LZ	Canterbury Las	3.01	215	P	18 57 16.5	-0.7
TAZ	Tararua	3.12	23	P	18 57 16.9	-1.8
LIRZ	Lichensteins R	3.20	20	P	18 57 19.8	-1.5
URZ	Urewera	3.30	31	P	18 57 17.9	-3.4
URZ	37nm, 0.3s, baz=214, slow=8.2, SNR=7					
URZ	286nm, 0.3s, baz=127, slow=22, SNR=7.3					
URZ	215nm, 0.3s, baz=303, slow=20, SNR=3.6					
URZ	comp=Z, 7.2um, 20.1s, baz=124, slow=42					
EDRZ	Edgecumbe	3.30	25	P	18 57 19.1	-2.2
MARZ	Manawhe	3.40	23	P	18 57 21.9	-0.7
MWZ	Matawai	3.41	36	P	18 57 19.0	-3.8
TOZ	Tauranga Road	3.41	7	P	18 57 22.5	-0.4
TOZ	Tauranga	3.53	39	P	18 57 23.4	-1.1
WVZ	Waikata Valley	3.71	237	P	18 57 26.5	-0.6
RPZ	Rata Peaks	3.89	227	Pn	18 57 28.5	-1.2
RPZ	18nm, 0.3s, baz=94, slow=4.6, SNR=20					
RPZ	130nm, 0.3s, baz=254, slow=2.3, SNR=20					
RPZ	comp=Z, 24um, 18.2s, baz=55, slow=45					
RPZ	Rata Peaks	3.89	227	P	18 57 29.0	-0.7
PUZ	Pukeiti	3.95	41	P	18 57 25.0	-4.8
MKAZ	Moumakai	4.1	21	P	18 57 34.9	+0.9
MTAZ	Motutapu	4.33	359	P	18 57 35.6	-0.3
MUZ	Matakoao Point	4.39	37	P	18 57 32.5	-4.3
KXZ	Kuaotunu	4.41	8	P	18 57 36.2	-0.8
LBZ	Lake Benmore	4.81	226	P	18 57 41.0	-1.6

ODZ	Otahua Downs	5.04	218	eP	18 57 43.5	-2.5
WJZ	Waipou Cayes	5.20	354	P	18 57 45.3	-2.8
WJZ	Waipou Cayes	5.46	235	eP	18 57 50.6	-1.1
WKZ	Wanaka	5.83	228	eP	18 57 53.0	-2.0
EAZ	Earnsclough	5.73	223	eP	18 57 55.0	-2.5
OUZ	Omahuta	5.99	349	eP	18 57 59.9	+0.6
TUZ	Tuapeka	6.20	217	eP	18 57 59.7	-2.4
MLZ	Mavora Lakes	6.52	227	eP	18 58 05.0	-1.7
DZM	Mont Dzumac	20.32	337	eP	19 01 06.1	+0.1
TAM	Tasmania Univ	20.59	256	eP	19 01 05.7	-3.1
STKA	Stephens Creek	28.23	278	fP	19 02 22.8	+0.7
STKA	Stephens Creek	28.23	278	P	19 02 21.1	-1.0
STKA	8.4nm, 0.9s, baz=127, slow=2.0, SNR=5.9					
STKA	4.8nm, 0.7s, baz=75, slow=3.1, SNR=5.3					
STKA	comp=Z, 2um, 20.4s, MS4.7, baz=110, slow=34					
CTA	Charters Tower	32.18	302	fP	19 02 57.4	+0.3
CTA	Charters Tower	32.18	302	fP	19 02 57.4	+0.3
CTA	15nm, 1.1s, mb4.7					
CTA	Charters Tower	32.18	302	fP	19 02 56.7	-0.4
CTA	comp=Z, 17nm, 0.9s, mb4.9, baz=141, slow=8.4, SNR=14					
CTA	comp=Z, 12nm, 0.7s, baz=142, slow=9.4, SNR=6.6					
CTA	comp=Z, 5um, 18.6s, MS5.2, baz=128, slow=36					
CTAO	Charters Tower	32.18	302	eP	19 02 56.8	-0.3
CTAO	comp=Z, 27nm, 1.0s, mb5.0					
CTAO	Charters Tower	32.18	302	eP	19 02 56.8	-0.3
CTAO	comp=Z, 28nm, 1.0s, mb5.0					
TBI	Tubau	34.61	70	eLR	19 12 13.2	
TBI	comp=Z, 2um, 26.0s, baz=219					
VNDA	Vanda	36.92	185	P	19 03 39.3	+2.2
VNDA	comp=Z, 1.7nm, 0.8s, baz=37, slow=10, SNR=8.3					
VNDA	comp=Z, 2.0nm, 0.7s, baz=323, slow=3.2, SNR=7.8					
VNDA	comp=Z, 803nm, 19.2s, MS4.5, baz=26, slow=32					
SBA	Scott Base	70.03	183	eP	19 03 40.1	+2.3
SBA	comp=Z, 40nm, 1.4s, mb5.1					
SBA	Scott Base	70.03	183	eP	19 03 40.1	+2.3
SBA	comp=Z, 40nm, 1.4s, mb5.0					
PAE	Paea	38.33	63	eP	19 03 50.9	+1.4
PAE	comp=Z, 50nm, 1.1s, mb5.2					
ASAR	Alce Springs	58.40	284	P	19 03 49.1	-0.9
ASAR	comp=Z, 47nm, 0.1s, mb5.2, baz=128, slow=7.3, SNR=218					
ASAR	comp=Z, 73nm, 1.2s, baz=131, slow=7.3, SNR=14					
ASAR	comp=Z, 6.1nm, 0.7s, baz=130, slow=3.9, SNR=3.9					
ASAR	comp=Z, 5.4nm, 0.8s, baz=122, slow=4.1, SNR=5.					

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various radio stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various radio stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various radio stations.

NEIC 20 19:03:39.1, 41.115S-175.056E, h25km, ML3.7(WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

WEL 20 19:03:38.6, 0.1, 41.095S-175.046E, h28km, ML3.7/6, 7C-1D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, North

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

WEL 20 19:05:48.6, 0.1, 41.085S-175.066E, h29km, ML3.5/18, 4C, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, North

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

IGQ 20 19:07:04.6, 1.025S-81.95W, h37km, 23km, mb4.8, Error ellipse: s-maj=17.3km s-min=8.4km az=175.7

DC 20 19:07:13.1, 2.5, 1.16S-81.01W, mb4.3/12, mb1 4.5/14, mb1mx4.2/23, mb1mx4.3/14, ML3.9/2, MS3.9/2, ms1mx2.6/24, Error ellipse: s-maj=29.3km s-min=15.8km az=62.0

BUI 20 19:07:16.0, 1.205S-81.00W, h20km, mb4.5, Ms5.1, Msz4.9, NEIC 20 19:07:16.2, 5.1, 1.16S-80.96W, h21km, 18km, mb4.6, 21, MD4.8(IGQ), Error ellipse: s-maj=9.7km s-min=6.7km az=53.0

NEIC Felt in the Bahia-Manta area. ISC 20 19:07:17.5, 0.9, 1.13S-0.06E-81.07W-0.06, h43km, 8km, n72, c1507/66, mb4.4/26, MS4.1/1, 13C-2D, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

NEIC 20 19:02:23.4, 41.115S-175.046E, h26km, ML3.7(WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

KRSC 20 19:11:23.4, 0.5, 55.09N-160.15E, h5km, 1km, ML3.9, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

NEIC 20 19:02:23.4, 41.115S-175.046E, h26km, ML3.7(WEL), After WEL

WEL 20 19:02:22.9, 0.1, 41.085S-175.046E, h29km, ML3.6/23, 5C-4D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, North

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

NEIC 20 19:03:10.9, 41.110S-175.07E, h28km, ML3.7(WEL), After WEL

WEL 20 19:03:10.8, 0.1, 41.105S-175.05E, h30km, ML3.5/13, 10C-4D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, North

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, and other technical details.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, ASPA, ASAR, BVAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTA, CTAO, ASF, YSS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KOLS, KOLS, APA, SUW, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Neumayer-Stat, Paso Flores, Alsa, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CLL, BRG, PRU, KHC, etc.

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

Table of astronomical observations for 2005 JAN, including stations like PFO, PFW, PHWY, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2005 JAN, including stations like INK, ILAR, STKA, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2005 JAN, including stations like JFK, CHOK, CHOI, etc., and their respective coordinates and observation times.

21d 1h

Table with columns: MAW, comp, Z, 7.0nm, 0.9s, pmax, pmax, etc. Lists various stations and their parameters.

2005 JAN

Table with columns: DLF, DCN, DCN, DCN, VOY, etc. Lists stations and their parameters.

JMA 21 01:21:43.7-0.6, 45.22N x 149.18E, h136km, M3.5, Kuril

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

LDG 21 01:22:27.5-0.2, 19.84S x 168.14E, h10km, Mb4.7/2, Error ellipse: s-maj=2.7km s-min=3.9km az=115.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

ISC 21 01:22:26.6-0.5, 20.07S x 168.94E, h36km, h36km1.6km:pp-P, n40, e097/22, mb4.3/15, Loyalty Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

618

Table with columns: ARCES, KHC, KHC, GERES, GERES, BAIFF, BAIFF, HDU, HDU, SRF, SRF, LPL, LPL, SMF, SMF, BVF, BVF, ORIF, ORIF, PGF, PGF, VIVF, VIVF, LASF, LASF. Lists stations and their parameters.

IDC 21 01:45:51.0-1.5, 7.27S x 106.14E, mb4.0/6, mb1 4.1/6, mb1mx3.9/15, mbtmp4.0/6, Error ellipse: s-maj=7.47km s-min=2.17km az=50.0

ISC 21 01:45:54.8-1.4, 7.15S x 106.4E, h33km, n7, o1f45/6, mb4.0/6, Jawa

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

CSEM 21 01:49:00.5-0.1, 37.01N x 127.75E, h12km, MD3.5, Error ellipse: s-maj=2.7km s-min=2.1km az=67.0

ISK 21 01:49:01.4, 37.03N x 127.79E, h15km, MD3.5

ATH 21 01:49:07.1, 36.51N x 127.71E, h10km, MD3.5/3

ISC 21 01:49:10.1-0.6, 36.96N x 104.27E, h6E.04, h14km, 5km, n23, o08/27, 2C, Dodecanese Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

CSEM 21 01:54:27.0-4.0, 1.39, 55N x 2.96E, h48km x 3km, ML3.1/12, Error ellipse: s-maj=2.3km s-min=1.3km az=138.0

MDD 21 01:54:28.2, 1.3, 39.6N x 2.99E, h22km x 13km, mbLq2.8/27, Error ellipse: s-maj=9.8km s-min=4.5km az=136.0

PRXIMO III LLORET DE VISTALEGRE SINEU SENCELLES II VILAFRANCA DE BONANY COTITX

MDD EMS: IV SANT JOAN RI. NEIC 21 01:54:28.2, 39.58N x 3.04E, h28km, ML3.1(LDG), MN3.0(MDD), ATOR MDD.

NEIC FLE [V] at Monturi; [III] at Lloret de Vistalegre and Sineu; [II] at Vilafranca de Bonany

LDG 21 01:54:29.3-0.2, 39.60N x 3.03E, h25km, 1/12, Error ellipse: s-maj=1.1km s-min=2.2km az=141.0

ISC 21 01:54:25.9-0.5, 39.70N x 0.03, 2.93E, h22km, n93, o18/15/13, 1D, Balearic Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res. Lists stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EBEN, EMOS, EMOJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EARI, EARI, AVF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, WRA, ASAR, etc.

ARCS ARCES Array B 75.57 31 P P 03 36 02.7 -0.1
GERES GERES Array B 81.09 39 P P 03 36 12.4 +1.2
TXAR Lajitas Array 143.66 26 PKPdf 03 43 30.7 +0.8

NEIC 21 03:48:46.7, 16.05N:97.39W, h38km, MD4.0(MEX), After MEX.
MEX 21 03:48:46.7±0.9, 16.05N:97.39W, h38km, 46km, MD4.0.

Code Station Name Az AZ Phase ID Time Res
PNIG Pinotepa 0.79 296 i P 03 48 59.7 -1.7
VHO Vista Hermosa 1.20 32 i P 03 49 05.2 -2.0
Oaxaca 1.21 32 i P 03 49 06.0 -1.4
HUIG Huatulco 1.26 102 i P 03 49 06.3 -1.9

IDC 21 04:20:03.6±1.2, 9.79N:93.56E, mb3.77, mb1 3.97,
mb1mx3.7/17, mbtmp3.7/7, Error ellipse: s-maj=57.8km
s-min=21.0km az=54.0

NEIC 21 04:20:08.2±0.9, 7.8N:93.57E, h30km, mb4.1/2, Error
ellipse: s-maj=41.5km s-min=13.9km az=55.0

ISC 21 04:20:06.2±1.1, 9.8N:102.936E±0.3, h30km, n9, d0975/9,
mb3.8/9, Nicobar Islands region

Code Station Name Az AZ Phase ID Time Res
AAK Ala-Archa 36.75 334 P P 04 27 13.4 +0.5
SONM Songoing Array 39.45 14 P P 04 27 34.9 -0.6
ZAL Zalesovo 44.61 353 P P 04 28 18.3 +0.8

IDC 21 04:26:51.2±1.4, 1.52N:123.52E, mb4.0/5, mb1 4.3/5,
mb1mx4.0/15, mbtmp4.0/5, MS4.8/3, Ms1 4.8/3,
ms1mx3.6/22, Error ellipse: s-maj=110.7km s-min=20.5km
az=73.0

NEIC 21 04:27:02.5±0.6, 1.22N:122.99E, h100km, mb4.5/5, Error
ellipse: s-maj=44.2km s-min=10.0km az=73.0

ISC 21 04:26:53.6±0.8, 1.3N:122.8E±0.4, h33km, n15,
d0862/11, mb4.2/7, MS4.4/4, 1D, Minahassa Peninsula,
Sulawesi

Code Station Name Az AZ Phase ID Time Res
FITZ Fitzroy Crossi 19.44 172 eP P 04 31 19.9 -0.4
WRAB Tennant Creek 23.93 152 eP P 04 32 06.1 +0.4
WRA Warramunga Arr 23.93 152 P P 04 32 06.0 +0.3
WB2 Warramunga Arr 23.93 152 i P P 04 32 06.4 +0.6

IGQ 21 04:30:15.1, 1.06S:81.97W, h17km, 22km, mb5.3, Error
ellipse: s-maj=19.3km s-min=8.0km az=176.3

IDC 21 04:30:27.2±0.6, 1.18S:80.96W, mb4.5/13, mb1 4.7/15,
mb1mx4.5/20, mbtmp4.5/15, ML4.1/2, MS4.7/13, MB1 4.7/13,
ms1mx4.3/25, Error ellipse: s-maj=24.5km s-min=13.4km
az=58.0

BUI 21 04:30:29.0, 1.20S:80.80W, h10km, mb5.8, Ms5.3, Msz5.0
NEIC 21 04:30:29.0±0.2, 1.19S:80.84W, h10km, mb5.1/68,
MS4.6/11, MD5.3(IGQ), Error ellipse: s-maj=6.8km
s-min=4.1km az=224.0

NEIC Felt at Mantle
HRVD 21 04:30:29.0±0.2, 1.24S:81.06W, h12km, MW5.4/63,
Centroid moment Tensor Solution. LP body waves:
s52,c101:Mantle waves: s63,c124: Half duration: 1s3

ARUT Antelope Range 48.97 326 eP P 04 39 18.4 +1.7
JAU Daniels Canyon 49.70 330 eP P 04 39 22.8 +0.4
DLU Jordanelle 49.95 330 eP P 04 39 24.5 +0.3

Code Station Name Az AZ Phase ID Time Res
IGUA Igualata 2.36 99 i P 04 31 08.5 +0.0
CUSU Cusula 2.51 97 P P 04 31 11.3 +0.7
MARY Rancho Maria 2.52 81 P P 04 31 11.2 +0.7

YANA Yana 2.60 68 P Pn 04 31 10.3 -1.5
VC1 Cotopaxi 2.61 80 P Pn 04 31 12.5 +0.5
TAMBO Tambo 2.64 81 P Pn 04 31 13.4 +1.0
OTAV Otavalo 2.86 62 eP Pn 04 31 14.1 -1.5

MSO Missoula 55.81 333 eP P 04 40 08.5 -0.7
BMO Blue Mountains 55.99 329 eP P 04 40 10.6 +1.5
SCHO Schefferville 56.97 10 P P 04 40 15.3 -0.6
SCHQ 56.97 10 P P 04 40 15.3 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UPC Uboice, DPC Dubruska-Polom, ARCES ARCESS Array B, etc.

IGQ 21 04:48:37.5, 1.02S, 81.57W, h12km, 26km, mb4.7, Error ellipse: s-maj=25.7km s-min=6.8km az=175.3

IDC 21 04:48:44.6, 1.3, 1.15S, 80.64W, mb3.8/6, mb1.4/1.7, mb1mx3.8/1.9, mbtmp3.97, ML3.6/1, Error ellipse: s-maj=44.1km s-min=25.9km az=71.0

ISC 21 04:48:42.6, 1.0, 1.07S, 0.09, 81.35W, 0.06, h12km, n30, 0.110S, mb3.8/6, 8C-5D, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGUA Igalata, IGUA San Juan 2, JUA2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, ANMO Albuquerque, NVAR Milna Array B, etc.

IDC 21 04:51:08.3, 3.6, 16.17S, 72.80W, h124km, 39km, mb3.2/3, mb1.3/6.5, mb1mx3.4/1.5, mbtmp3.8/5, Error ellipse: s-maj=31.5km s-min=26.0km az=118.0, Near coast of Peru

IDC 21 04:51:39.0, 0.8, 0.30S, 122.49E, mb3.9/7, mb1.4/1.7, mb1mx4.0/1.5, mbtmp4.0/7, Error ellipse: s-maj=121.3km s-min=16.9km az=63.0

BUI 21 04:51:43.3, 0.40S, 122.30E, h35km, mb4.1, NEIC 21 04:51:44.4, 0.5, 0.43S, 122.29E, h35km, mb4.6/7, Error ellipse: s-maj=68.0km s-min=9.1km az=61.0

ISC 21 04:51:42.1, 0.5, 0.55S, 0.2, 122.1E, 0.3, h33km, n20, 0.074D, 20, mb4.4/1.7, Minahassa Peninsula, Sulawesi

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

IDC 21 04:59:22.6, 13.0, 21.95S, 179.93W, h665km, 188km, mb3.4/6, mb1.3, 7.76, mb1mx3.4/1.4, mbtmp4.5/6, Error ellipse: s-maj=82.0km s-min=67.7km az=146.0

NEIC 21 04:59:22.1, 3.6, 22.34S, 179.77W, h64km, 52km, mb4.4/8, Error ellipse: s-maj=38.4km s-min=24.0km az=166.0

ISC 21 04:59:16.1, 1.1, 1.22S, 0.4, 179.7W, 0.2, h600km, n18, 0.055/18, mb4.3/1.1, 5D, South of Fiji Islands

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

NIED 21 05:00:30.3, 1.0N, 141.80E, h230km, Mw4.1 Best double couple: M1.55x10^15 NP1 0e, h28km, 862', 1.97'. NP2: 0.16', 829', 1.76'

JMA 21 05:03:35.9, 0.5, 34.08N, 141.80E, h22km, 4km, M4.0, IDC 21 05:03:37.0, 0.5, 34.24N, 141.53E, mb4.0/1.7, mb1.4/2.18, mb1mx4.2/2.5, mbtmp4.0/1.8, ML4.0/1, Error ellipse: s-maj=19.6km s-min=13.8km az=118.0

MOS 21 05:03:40.1, 0.9, 34.16N, 141.54E, h33km, mb4.4/1.2, Error ellipse: s-maj=22.9km s-min=11.3km az=113.7

NEIC 21 05:03:42.9, 1.3, 34.21N, 141.50E, h36km, 11km, mb4.5/5, Mw4.5, 1(NIED), Error ellipse: s-maj=10.8km s-min=7.9km

ISC 21 05:03:39.4, 1.3, 34.20N, 0.05, 141.64E, 0.06, h26km, 8km, n65, 0.093/70, mb4.0/2.1, 2C, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRY Ryogami san, MAJO Matsushiro, MAT Matsushiro, etc.

ASAJ Asahikawa 9.93 4 Pn P 05 05 57.8 -5.9

ASAJ Magadan 26.09 11 eP P 05 09 12.6 +0.1

MA2 comp=Z, 4.0m, 0.5s, mb4.2 26.09 11 eP P 05 09 12.6 +0.1

SONM Songoing Array 29.60 308 P P 05 09 44.4 -0.1

SONM comp=Z, 1.3m, 0.8s, mb3.7, baz=105, slow=8.7, SNR=12 29.60 308 P P 05 12 48.6 -0.4

SONM comp=Z, 0.5m, 0.6s, baz=126, slow=2.8, SNR=4.7 29.60 308 P P 05 12 48.6 -0.4

BOD Bodaibo 30.05 300 eP P 05 09 45.8 -2.6

ZAK Zakamensk 32.23 312 eP P 05 10 06.7 -0.9

KURK Kurchatov 47.86 310 eP P 05 12 15.5 -1.3

KURK comp=Z, 5.0m, 0.8s, mb4.6 47.86 310 eP P 05 12 15.5 -1.3

ILAR Eielson Array 51.80 31 P P 05 12 46.6 -0.2

ILAR comp=Z, 2.0m, 0.7s 51.80 31 P P 05 12 46.6 -0.2

ILAR comp=Z, 2.2m, 0.7s, mb4.2, baz=265, slow=5.8, SNR=26 51.80 31 P P 05 12 46.6 -0.2

BVAR Borovoye Array 52.64 314 P P 05 12 52.3 -0.9

BRVK comp=Z, 2.0m, 0.6s, mb3.9 52.64 314 P P 05 12 52.3 -0.9

BRVK comp=Z, 1.0m, 0.6s, mb3.9 52.64 314 P P 05 12 52.3 -0.9

WRAB Tennant Creek 54.28 188 eP P 05 13 04.9 -0.8

WRAB comp=Z, 4.0m, 0.4s, mb4.7 54.28 188 eP P 05 13 04.9 -0.8

WRAB comp=Z, 3.8m, 0.4s, mb4.7 54.28 188 eP P 05 13 04.9 -0.9

WRA Warramunga Arr 22.76 149 P P 05 06 42.4 -0.4

WRA comp=Z, 2.0m, 0.4s 22.76 149 P P 05 06 42.4 -0.4

ASAR Alice Springs 25.72 154 P P 05 07 11.7 +0.2

ASAR comp=Z, 1.8m, 0.4s, mb4.3, baz=4, slow=7.4, SNR=48 25.72 154 P P 05 07 11.7 +0.2

INK Inuvik 56.83 26 P P 05 13 23.8 +0.2

INK comp=Z, 3.0m, 0.6s 56.83 26 P P 05 13 23.8 +0.2

INK comp=Z, 3.0m, 0.6s 56.83 26 P P 05 13 23.8 +0.1

INK comp=Z, 2.5m, 0.6s, mb4.4, baz=299, slow=6.9, SNR=20 56.83 26 P P 05 13 23.8 +0.1

ASAR Alice Springs 50.28 188 P P 05 13 32.2 -0.3

STKA comp=Z, 1.3m, 0.6s, mb4.1, baz=11, slow=9.4, SNR=13 50.28 188 P P 05 13 32.2 -0.3

STKA comp=Z, 0.4m, 0.5s, mb3.8, baz=310, slow=16, SNR=2.7 50.28 188 P P 05 14 24.0 -0.1

YKA Yellowknife Ar 66.17 30 P P 05 14 26.2 -0.2

YKA comp=Z, 0.5m, 0.8s, mb3.6, baz=298, slow=6.2, SNR=10 66.17 30 P P 05 14 26.2 -0.2

YBH Yreka Blue Hor 71.94 52 P P 05 15 04.0 +1.6

YBH comp=Z, 1.0m, 0.6s 71.94 52 P P 05 15 04.0 +1.6

YBH comp=Z, 1.0m, 0.6s 71.94 52 P P 05 15 04.0 +1.6

YBH Yreka Blue Hor 71.94 52 P P 05 15 04.0 +1.6

NVAR Mina Array Bea 76.55 53 P P 05 15 30.9 +1.9

NVAR comp=Z, 0.8m, 0.8s, mb4.1, baz=295, slow=5.0, SNR=9.4 76.55 53 P P 05 15 30.9 +1.9

AKASG Malin Array Be 76.66 323 P P 05 15 28.8 -0.6

AKASG comp=Z, 1.0m, 0.4s 76.66 323 P P 05 15 28.8 -0.6

AKASG comp=Z, 1.0m, 0.4s 76.66 323 P P 05 15 28.8 -0.6

AKASG Malin Array Be 76.66 323 P P 05 15 28.8 -0.6

AKASG comp=Z, 0.8m, 0.4s, mb4.0, baz=46, slow=6.1, SNR=6.0 76.66 323 P P 05 15 28.8 -0.6

HFS Hagfors 76.75 336 P P 05 15 29.6 -0.1

HFS comp=Z, 1.0m, 0.8s 76.75 336 P P 05 15 29.6 -0.1

HFS comp=Z, 1.0m, 0.8s 76.75 336 P P 05 15 29.6 -0.1

HFS Hagfors 76.75 336 P P 05 15 29.6 -0.1

NB2 NORRSAR Subarra 76.87 338 P P 05 15 30.1 -0.3

NB2 comp=Z, 1.5m, 0.7s, mb4.0, baz=42, slow=5.8 76.87 338 P P 05 15 30.1 -0.3

NOA NORRSAR Array B 76.87 338 P P 05 15 30.4 0.0

NOA comp=Z, 2.0m, 0.7s 76.87 338 P P 05 15 30.4 0.0

NOA NORRSAR Array B 76.87 338 P P 05 15 30.4 0.0

NOA comp=Z, 2.0m, 0.7s 76.87 338 P P 05 15 30.4 0.0

NOA NORRSAR Array B 76.87 338 P P 05 15 30.4 0.0

NOA comp=Z, 2.0m, 0.7s 76.87 338 P P 05 15 30.4 0.0

PDAR Pinedale Array 79.52 45 P P 05 15 46.8 +1.4

PDAR comp=Z, 1.8m, 0.7s, mb4.1, baz=270, slow=3.0, SNR=7.5 79.52 45 P P 05 15 46.8 +1.4

BRTR Keskin Array B 80.88 312 P P 05 15 53.6 +1.0

BRTR comp=Z, 1.0m, 0.8s 80.88 312 P P 05 15 53.6 +1.0

BRTR Keskin Array B 80.88 312 P P 05 15 53.6 +1.0

BRTR comp=Z, 1.0m, 0.8s 80.88 312 P P 05 15 53.6 +1.0

BRTR Keskin Array B 80.88 312 P P 05 15 53.6 +1.0

BRTR comp=Z, 1.0m, 0.8s 80.88 312 P P 05 15 53.6 +1.0

GERES GERESS Array B 85.22 328 P P 05 16 15.2 +0.7

GERES comp=Z, 1.0m, 0.5s 85.22 328 P P 05 16 15.2 +0.7

GERES GERESS Array B 85.22 328 P P 05 16 15.2 +0.7

GERES comp=Z, 1.0m, 0.5s 85.22 328 P P 05 16 15.2 +0.7

TXAR Lajitas Array 91.70 53 P P 05 16 47.6 +1.6

TXAR comp=Z, 0.5m, 0.9s, mb3.9, baz=303, slow=3.1, SNR=5.0 91.70 53 P P 05 16 47.6 +1.6

LPAZ La Paz 147.87 64 P P 05 23 25.7 +1.3

LPAZ comp=Z, 2.0m, 0.8s 147.87 64 P P 05 23 25.7 +1.3

LPAZ comp=Z, 2.0m, 0.8s 147.87 64 P P 05 23 25.7 +1.4

LPAZ comp=Z, 2.0m, 0.8s, baz=270, slow=3.0, SNR=8.2 147.87 64 P P 05 23 25.7 +1.4

BUI 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

MOS 21 05:22:39.0, 5.32N, 93.22E, h50km, mb4.9, mb5.0, Ms4.7, Ms2.5

21d 8h

Table with columns: PAWZ Parauwi Farm, MRZ Mangatainoka R, MRZ Tuamarina, etc. Includes station names, codes, and coordinates.

ADC 21 07:29:37.6±1.8, 5.94N-93.14E, mb3.6/3, mbl 3.8/3, mb1mx3.5/16, mbtmp3.6/3, Error ellipse: s-maj=353.2km s-min=29.2km az=38.0, Off west coast of northern Sumatara

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

ADC 21 07:37:21.6±4.7, 17.04N-147.16E, h18km±29km, mb4.4/21, mbl 4.5/21, mb1mx4.4/23, mbtmp4.4/21, MS3.7/4, Ms1 3.7/4, ms1mx3.3/27, Error ellipse: s-maj=20.2km s-min=13.7km az=106.0

NEIC 21 07:37:22.5±1.1, 17.09N-147.05E, h33km, mb4.8/34, Error ellipse: s-maj=11.5km s-min=6.8km az=102.3
MOS 21 07:37:27.9±1.2, 17.01N-147.10E, h69km±10km, mb4.6/19, Error ellipse: s-maj=9.4km s-min=6.2km az=95.0
BUJ 21 07:37:35.2, 17.91N-146.26E, h69km, mb5.2, mb4.7, Ms4.7, Ms24.4

ISC 21 07:37:24.6±1.4, 17.03N-147.02E±0.05, h52km±12km, h46km±10.3km; p-P, n139, r1503/137, mb4.6/56, MS3.9/7, 3C-1D, Mariana Islands region

Main table for the 21d 8h period, listing stations like SARN Sarigan, GUMO Guam, CBIJ Chichi jima, MAJO Matsushiro, etc. with various codes and coordinates.

2005 JAN

Main table for the 2005 JAN period, listing stations like KMI Kunming, ASPA Magadan, ULN Ulaanbaatar, etc. with various codes and coordinates.

624

Main table for the 624 period, listing stations like ARCES ARCESS Array B, DAG Danmarks Havn, JOF Joensuu, etc. with various codes and coordinates.

ADC 21 07:54:49.6±2.2, 24.64N-122.46E, mb3.9/3, mbl 4.1/3, mb1mx3.6/18, mbtmp3.9/3, MS2.8/1, Ms1 2.8/1, ms1mx2.1/25, Error ellipse: s-maj=339.4km s-min=25.6km az=70.0

JMA 21 07:54:50.3±0.3, 24.92N-122.94E, h20km, m3.1
ISC 21 07:54:51.7±1.8, 24.84N-122.94E±0.10, h31km±11km, n10, r045/11, mb3.8/3, Taiwan region

Table for the 624 period, listing stations like YON Yonaguni jima, YOF Yonaguni, etc. with various codes and coordinates.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like La Plagne, Saint Saulge, and various other locations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JuntasAbangare, Lusaka, and various other locations.

MOS 21 12:58:09.1, 3.34, 11N:141.68E, h10km, mb4.4/17, Error ellipse: s-maj=15.9km s-min=7.7km az=109.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other technical details. Includes stations like BSO1, BSO2, BSO3, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Borovoye, Warramunga Arr, and various other locations.

IDC 21 13:08:00.7, 3.2, 9.04S, -113.00E, mb3.6/4, mb1 3.8/4, mb1mx3.7/13, mltmp3.6/4, Error ellipse: s-maj=144.9km s-min=25.0km az=52.0, South of Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other technical details. Includes stations like WRA, ASAR, and various other locations.

s-min=18.7km az=65.0
NEIC 21 13:25:52.7, 1.2, 27.42N-92.66E, h52km, 14km, mb3.5/2,
Error ellipse: s-maj=31.6km s-min=9.2km az=59.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include SHL Shillong, LSA Lhasa, IMP Imphal, LKJ Lepakani, CMAR Chiang Mai Arr, AAK Ala-Archa, SONM Songoing Arr, KURK Kurchatov, ZAL Zalesovo, BVAR Borovoye Array, JHJ Hachijo jima, WRA Warramunga Arr, ASAR Alice Springs.

JMA 21 13:27:05.9, 0.1, 29.16N-131.18E, h68km, M3.6,
Southeast of Ryukyu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include JNN Nakanoshima, JNJ NIN, JZK Kikashima, JTN Takegashima 3, JTC Kuchinoerabu, JAM Amami Oshima, JTSR Tashiro 2, JNR Kushima-Naru, JTN Tokunoshima, JSU Suzuyama, JSU Takazaki, JSU Shimokoshiki, JZO Okuchi, JZO Tsuno, JMZ Minamidaito 2, JIUZ Izumi 2.

IDC 21 13:35:07.3, 0.9, 4.66N-95.02E, mb4.4/13, mb1.4 6/14,
mb1mx4.4/21, mbtmp4.4/14, ML4.7/1, Error ellipse:
s-maj=46.4km s-min=17.6km az=46.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, HYB Hyderabad, JIRN Jiri, DMN Daman, KKN Kankan, LSA Lhasa, GKN Gorkha, KOLN Koldanda, XAN Xi'an, BJT Baijiautau, BJI Beijing, UCH Uchtor, TKM2 Tokmak 2, KBK Karagaybulak, AML Almayashu, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, EKS2 Erkin-Say, USP Osenpovka, SONM Songoing Arr, SONM Songoing Arr, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, KURK Kurchatov, ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, BRTR Keskin Arr, AKASG Malin Array Be, MLR Muntele Resu, JOF Joensuu, FINES FINESS Array B, KAF Kangasarray, KEV Kevo, ARCES ARCESS Array B, GERES GERESS Array B, HFS Hagfors, DAVOX Davos.

IDC 21 13:35:11.8, 0.4, 4.62N-94.99E, h30km, mb4.5, mb4.9
NEIC 21 13:35:11.8, 0.4, 4.62N-94.99E, h30km, mb4.7/10, Error
ellipse: s-maj=16.3km s-min=9.9km az=50.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include RCC Rio Carpintero, MASCC Masc, TEIG Tepich, TEIG Tepich, CCCC Cccc, MOAC Moa, HUIG Huatulo, TPP Pointe-a-Pierre, TRN Trinidad (W), CMIG Matias Romero, SOR Sora, SJG San Juan, SJG San Juan, SJG San Juan, LVC Limon Verde, LVC Limon Verde, CAIG El Cayaco, PPM Popocatepetl, DWPWF Disney, TLL Tollo Astrono, FCH Farelloza, MDZ Mendocino, HKT Hockley, NHSC New Hope, GOGA Godfrey, GOGA Godfrey, LRAL Lakeview Retre, LRAL Lakeview Retre, NATX Nacogdoches, NATX Jenkinville, JSC Jenkinville, BDFB Brasilia, BDFB Brasilia, BAO Brasilia Array, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, OXF Oxford, OXF Oxford, CPCT Cooper Cave.

IGQ 21 13:44:56.2, 1.06S-82.15W, h5km, 19km, mb5.2, Error
ellipse: s-maj=18.6km s-min=14.4km az=6.5
BUJ 21 13:45:14.0, 1.10S-80.80W, h10km, mb6.3, Mb6.0, Msz5.8
NEIC 21 13:45:14.0, 1.10S-80.80W, h10km, mb5.0/50.

M55.5/123, MW6.0, MD5.2(GO), Error ellipse:
s-maj=7.5km s-min=4.5km az=53.0, Moment Tensor
Solution. s5 Moment tensor: Scale 1018Nm; Mr=0.00;
Mxx=0.00; Myy=0.00; Mzz=0.00; Mxy=0.00; Mxz=0.00;
Best double couple: Mo:1.2x1018 NP1:39, 833, 143; NP2:
0:162, 871, 163; Principal axes: T:1.19, Plg56, Azm37;
N:0, Plg25, Azm171; P:1.19, Plg22, Azm272;
NEIC Felt [IV] at Manta. Also felt at Guayaquil.
HRVD 21 13:45:14.1, 1.0, 1.23S-81.05W, h12km, MW6.0/74,
Centroid moment Tensor Solution. LP body waves:
s64, c149, Mantle waves: s74, c255; Half duration: 2.4
Moment tensor: Scale 1018Nm; Mr=0.68; Mxx=0.01; Myy=0.03;
Mzz=0.00; Mxy=0.01; Mxz=0.00; Mzz=0.00; Mxy=0.02;
Best double couple: Mo:1.203x1018 NP1:3, 18, 196; NP2:
0:177, 872, 188; Principal axes: T:1.191, Plg63,
Azm84; N:0.025, Plg2; Azm178; P:1.216, Plg27;
Azm269; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface/mantle waves, cutoff=50s.

MOS 21 13:45:16.3, 1.1, 1.10S-80.73W, h33km, mb5.1/32,
M55.5/20 Error ellipse: s-maj=12.1km s-min=5.6km
az=110.1
IDC 21 13:45:17.9, 4.6, 1.12S-80.83W, h39km, mb4.4/21,
mb1.4 5/23, mb1mx4.4/28, mbtmp4.6/23, ML4.3/2, Msz5.4/10,
Mb1.5/4/10, mb1mx4.4/28, mbtmp4.6/23, ML4.3/2, Msz5.4/10,
s-min=1.6km az=32.0, Error ellipse: s-maj=21.9km

ISC 21 13:45:16.1, 0.2, 1.15S-00.8096W, 0.03, h33km, n366,
s1916/252, mb4.8/64, M55.5/133, 19C-6D, Near coast of
Ecuador

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include CUSU Cusua, MARY Rancho Maria, JUIV Juive, NASI Nasa, PINO Pingo, GGP Refugio Guagua, MOV1 Cotopaxi Vol s, PISA Pisyambo, PISA Cotopaxi Volc, PITA Cotopaxi I, TAMB Tambo, COVI Cotopaxi Volc, OTAV Otavalo, ANTI Antisana, COTA Cotacachi, CAYA Cayambe, PAVG Puerto Ayora, INNA Inana, JTS JuntasAbangare, JTS JuntasAbangare, SDV Santo Domingo, SAML Samuel, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LMGC Las Mercedes, LMGC Las Mercedes, RCC Rio Carpintero, MASCC Masc, MASCC Masc, TEIG Tepich, TEIG Tepich, CCCC Cccc, CCCC Cccc, MOAC Moa, MOAC Moa, HUIG Huatulo, TPP Pointe-a-Pierre, TRN Trinidad (W), CMIG Matias Romero, SOR Sora, SJG San Juan, SJG San Juan, SJG San Juan, LVC Limon Verde, LVC Limon Verde, CAIG El Cayaco, PPM Popocatepetl, DWPWF Disney, TLL Tollo Astrono, FCH Farelloza, MDZ Mendocino, HKT Hockley, HKT Hockley, NHSC New Hope, NHSC New Hope, GOGA Godfrey, GOGA Godfrey, LRAL Lakeview Retre, LRAL Lakeview Retre, NATX Nacogdoches, NATX Jenkinville, JSC Jenkinville, BDFB Brasilia, BDFB Brasilia, BAO Brasilia Array, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, OXF Oxford, OXF Oxford, CPCT Cooper Cave.

Table with columns: BBSR BB Station, Time, Res, PFAKE, ISC. Rows include TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, RPN Rapa Nui, RPN Waverly, WVT Waverly, WVT Waverly, CBN Corbin, WMOK Wichita Mountain, WMOK Wichita Mountain, WMOK Wichita Mountain, WCI Wyandotte Cave, WCI Wyandotte Cave, LPA La Plata, GDL Guadalupe Moun, FVM French Village, MNTX Cornudas Moun, MNTX Cornudas Moun, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, BLO Bloomington, BLO Bloomington, BLO Bloomington, SLM Saint Louis, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquist, TRQA Torquist, AMTX Amarillo, AMTX Amarillo, ACCO Alum Creek Sta, ACCO Alum Creek Sta, ACSO Alum Creek Sta, KSU Kansas State U, LPM Los Pinos Moun, LENM Lemitar, LAZ Ladron, ERPA Erie, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, AAM Ann Arbor, AAM Ann Arbor, BINY Binghamton, BINY Binghamton, TUC Tucson, TUC Tucson, TUC Tucson, TRV Harvard-Oak, TRV Harvard-Oak, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, RCBR Riachuelo, RCBR Riachuelo, NCB Newcomb, NCB Newcomb, MDV Middlebury, SADO Sadowa, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, PV01 Paradox Valley, PV01 Paradox Valley, PHWY Pilot Hill, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, NEN Nelson, MSU Marysvale, MSU Marysvale, MVU Marysvale.

MVU	comp=Z,11nm,1.4s,mb4.7	LR	LR		
ARUT	comp=Z,7.0m,20.0s,MSS.6	P	P		
ARUT	Antelope Range 49.00 326	eP	P	13 54 04.1 +2.4	
MPU	Maple Canyon 49.63 329	eP	P	13 54 02.7 +0.9	
DAU	Daniels Canyon 49.74 330	eP	P	13 54 06.8 +0.3	
DAU	Daniels Canyon 49.74 330	eP	P	13 54 10.1 +2.7	
JLU	Jordanale 49.98 330	eP	P	13 54 08.0 +0.7	
DAC	Darwin (Calif) 50.46 321	PFAKE	LR	13 54 20.0 +0.2	
DAC			LR	13 54 20.7 +7.0	
PDAR	Pinedale Array 50.73 333	P	P	13 54 23.6 +8.6	
PDAR	comp=Z,1.4nm,0.9s,mb3.9,baz=146,slow=5.3,SNR=9.8				
PDAR	comp=Z,5.0m,21.5s,MSS.5,baz=147,slow=36	LR	LR	14 16 03.5	
BW06	Boulder Array 50.73 333	eP	LR	13 54 15.2 +0.3	
BW06			LR		
HWUT	comp=Z,7.0m,20.0s,MSS.7	eP	P	13 54 15.2 -0.2	
HWUT	Hardware Ranch 50.79 330	eP	P	13 54 15.2 -0.2	
HWUT	comp=Z,11nm,1.0s,mb4.8				
TPH	comp=Z,6.0m,21.0s,MSS.6	LR	LR		
TPH	Tonopah 51.39 323	P	MLR	13 54 18.9 -1.1	
TPH		MLR	MLR		
AHID	Auburn Hatcher 51.45 332	PFAKE	LR	13 54 30.0 +1.0	
AHID			LR		
LOHW	Long Hollow 51.87 333	eP	P	13 54 23.8 +0.3	
WUWY	Wally Ulrich 51.88 333	eP	P	13 54 24.2 +0.7	
TPAW	Teton Pass 51.93 332	eP	P	13 54 25.7 +1.8	
MOOWE	Moose Ponds 52.04 333	eP	P	13 54 24.3 -0.4	
MNV	Mina 52.18 323	P	P	13 54 27.7 +1.8	
MNV		pmx	pmx		
MNV	comp=Z,8.2nm,2.0s,mb5.3	eP	P	13 54 26.0 +0.1	
MNV			LR		
MNV	comp=Z,8.2nm,2.0s,mb5.3				
IMW	Indian Meadow 52.24 333	eP	P	13 54 27.6 +1.4	
NVAR	Mina Array Bae 52.27 323	P	P	13 54 26.2 -0.3	
NVAR	comp=Z,6.9nm,0.8s,mb4.6,baz=123,slow=8.7,SNR=17				
NVAR			LR	14 14 27.2	
LKWY	Lake 52.52 334	P	P	13 54 27.7 -0.6	
LKWY		pmx	pmx		
LKWY	comp=Z,5.0nm,0.8s,mb4.5				
LKWY		MLR	MLR		
LKWY	Lake 52.52 334	P	P	13 54 27.7 -0.6	
LKWY	comp=Z,4.7nm,0.8s,mb4.5				
LKWY		LR	LR		
LKWY		LR	LR		
LAO	LASA Array 52.55 338	PFAKE	LR	13 54 40.0 +1.1	
LAO					
PTCN	Pitcairn Island 53.01 239	PFAKE	LR	13 54 40.0 +7.7	
PTCN			LR		
QLMT	Earthquake Lak 53.19 333	eP	P	13 54 33.0 -0.4	
SAO	San Andreas Ge 53.22 319	PFAKE	LR	13 54 50.0 +1.6	
SAO			LR		
CMB	Columbia Colle 53.30 321	P	MLR	13 54 33.4 -0.9	
CMB			MLR		
DGMT	Dagmar 53.38 341	PFAKE	LR	13 54 50.0 +1.5	
DGMT			LR		
HLID	comp=Z,4.0m,19.0s,MSS.5	eP	P	13 54 36.9 +0.1	
HLID	Hailey 53.65 330	eP	P	13 54 36.9 +0.1	
HLID	comp=Z,5.8nm,0.8s,mb4.6				
HLID		LR	LR		
HLID	comp=Z,5.0m,19.0s,MSS.6				
WCN	Washoe City 53.70 323	P	P	13 54 41.5 +4.3	
WCN	Washoe City 53.70 323	eP	P	13 54 35.9 -1.3	
MCMT	McKenzie Canyo 53.84 332	eP	P	13 54 37.7 -0.5	
BOZ	Bozeman (W) 53.91 334	P	pmx	13 54 39.4 +0.7	
BOZ		pmx	pmx		
BOZ	Bozeman (W) 53.91 334	eP	P	13 54 37.9 -0.8	
BOZ	comp=Z,3.9nm,1.6s,mb5.3				
BOZ		LR	LR		
USHA	Ushuaia 54.48 171	P	P	13 54 41.5 -1.3	
USHA	comp=Z,2.4nm,1.0s,mb5.1,baz=352,slow=5.2,SNR=6.3				
OHCM	Honcut 54.77 322	eP	P	13 54 44.8 -0.2	
WVOR	Wild Horse Val 55.08 327	P	pmx	13 54 48.0 +0.8	
WVOR		pmx	pmx		
WVOR	comp=Z,2.8nm,1.4s,mb5.1	eP	P	13 54 47.1 -0.1	
WVOR	comp=Z,2.8nm,1.4s,mb5.1				
WVOR		LR	LR		
HOPS	Hopland 55.56 321	PFAKE	LR	13 55 00.0 +9.2	
HOPS			LR		
MOD	Modoc 55.67 325	eP	LR	13 54 50.8 -0.7	
MOD	comp=Z,5.1nm,1.9s,mb5.2				
MOD		LR	LR		
MOS	Missoula 55.85 333	eP	P	13 54 52.3 -0.4	
MOS	comp=Z,7.0m,19.0s,MSS.7				
MOS		LR	LR		
BMO	Blue Mountains 56.03 329	eP	P	13 54 53.6 -0.4	
BMO	comp=Z,3.0m,21.0s,MSS.4				
BMO	comp=Z,4.9nm,1.1s,mb4.5				
BMO		LR	LR		
WDC	Whiskeytown Da 56.17 323	eP	pmx	13 54 55.2 +0.1	
WDC		pmx	pmx		
WDC	comp=Z,3.0nm,0.8s,mb4.4				
WDC		MLR	MLR		
WDC	comp=Z,3.0m,20.0s,MSS.3				
WDC	Whiskeytown Da 56.17 323	eP	P	13 54 55.2 +0.1	
WDC	comp=Z,3.0nm,0.8s,mb4.4				
WDC		LR	LR		
YBH	Yreka Blue Hor 56.97 324	P	P	13 55 00.6 -0.3	
YBH	comp=Z,5.8nm,0.8s,mb4.6,baz=115,slow=5.5,SNR=12				
YBH	Yreka Blue Hor 56.97 324	P	P	13 55 00.6 -0.3	
YBH		LR	LR		
SCHQ	Schefferville 57.00 10	P	P	13 55 00.0 -0.9	
SCHQ	comp=Z,5.2nm,0.9s,mb4.5,baz=232,slow=15,SNR=3.7				
SCHQ		LR	LR	14 18 58.6	
KHMM	Horse Mountain 57.07 322	P	P	13 55 02.0 +0.4	
WALA	Waterton Lakes 57.53 335	eP	P	13 55 06.3 +1.6	
WALA	comp=Z,12nm,1.1s,mb4.8				
HUMO	Huli Mountain 57.65 324	PFAKE	LR	13 55 20.0 +1.4	
HUMO			LR		
FFC	Flin Flon 58.32 346	P	pmx	13 55 09.6 -0.5	
FFC		pmx	pmx		
FFC	comp=Z,4.5nm,1.5s,mb5.3	eP	P	13 55 09.0 -1.1	
FFC	comp=Z,4.5nm,1.5s,mb5.3				
FFC		LR	LR		
NEW	Newport 58.36 332	eP	pmx	13 55 11.4 +0.9	
NEW		pmx	pmx		
NEW	comp=Z,17nm,1.2s				
NEW		MLR	MLR		
NEW	Newport 58.36 332	eP	P	13 55 11.4 +0.9	
NEW	comp=Z,17nm,1.2s,mb5.0				
NEW		LR	LR		
COR	Corvallis 59.06 326	PFAKE	LR	13 55 30.0 +1.5	
COR			LR		
TAOE	Nuku Hiva Isla 59.39 260	eP	P	13 55 05.8 -1.2	
TAOE		eS	SS	14 03 10.6 -1.2	
TAOE		eSS	SS	14 07 13.1 -6.4	
TAOE		eLR	LR	14 10 10.2	
TAOE		eLR	LR	14 12 38.0	
EDM	Edmonton 60.54 338	P	P	13 55 25.5 0.0	
EDM	Edmonton 60.54 338	eP	P	13 55 24.7 -0.8	
FCC	Fort Churchill 60.63 352	eP	pmx	13 55 23.2 -2.8	
FCC		pmx	pmx		
FCC	comp=Z,9.0nm,0.9s,mb4.9				
FCC	Fort Churchill 60.63 352	eP	P	13 55 23.2 -2.9	
FCC	comp=Z,8.9nm,0.9s,mb4.9				
OCWA	Octopus Mounta 61.51 328	PFAKE		13 55 40.0 +7.9	

OCWA	comp=Z,8.0m,19.0s,MSS.9	LR	LR		
PGC	Sidney 61.70 329	eP	P	13 55 31.8 -1.6	
PMSA	Palmer Station 64.66 172	PFAKE	LR	13 56 00.0 +7.4	
PMSA			LR		
FRB	comp=Z,3.0m,20.0s,MSS.4	P	P		
FRB	Frobisher Bay 65.39 6	P	pmx	13 55 54.0 -3.4	
FRB		pmx	pmx		
FRB	comp=Z,5.0nm,0.7s	P	P	13 55 54.0 -3.4	
FRB	Frobisher Bay 65.39 6	P	P	13 55 54.0 -3.4	
FRB	comp=Z,4.6nm,0.7s,mb4.6,baz=148,slow=6.7,SNR=9.5				
YKA	Yellowknife Ar 68.36 344	P	P	13 56 14.3 -1.7	
YKA	comp=Z,4.7nm,0.8s,mb4.5,baz=136,slow=5.7,SNR=65				
YKA		LR	LR	13 56 14.3 -1.7	
YKA	comp=Z,4.0m,18.9s,MSS.6,baz=130,slow=40				
YKA	Yellowknife Ar 68.42 344	eP	P	13 56 14.3 -2.2	
PPT	Papeete 69.28 252	eP	PP	13 58 45.7 -1.2	
PPT		eS	SS	14 05 12.6 -1.3	
PPT		eLR	LR	14 14 21.2	
PPT		eLR	LR	14 17 05.5	
TBI	comp=Z,13.0m,26.5s,baz=81	eS	S	14 05 20.0 -1.2	
TBI	Tubuai 69.84 246	eS	S	14 17 26.3	
DLBC	comp=Z,8.0m,29.2s,baz=77	eP	P	13 56 31.2 -0.4	
DLBC	Deesse Lake 70.88 335	eP	P	13 56 31.2 -0.4	
TRIS	Tristan da Cun 72.35 129	PFAKE	LR	13 56 50.0 +9.3	
TRIS			LR		
SIT	comp=Z,11.0m,20.0s,MSS.6	PFAKE	LR	13 56 50.0 +9.1	
SIT	Sitka 72.45 332	PFAKE	LR	13 56 50.0 +9.1	
SIT			LR		
DBIC	comp=Z,4.0m,20.0s,MSS.7	P	P		
DBIC	Dimbokro 76.34 83	P	pmx	13 57 03.3 -1.1	
DBIC		pmx	pmx		
DBIC	comp=Z,3.6nm,0.9s	P	P	13 57 03.2 -1.1	
DBIC	Dimbokro 76.34 83	P	P	13 57 03.2 -1.1	
DBIC	comp=Z,2.5nm,0.9s,mb5.2,baz=260,slow=5.7,SNR=14				
DBIC	Dimbokro 76.34 83	eP	P	13 57 02.7 -1.7	
DBIC	comp=Z,3.6nm,0.9s,mb5.3				
DBIC		LR	LR		
DAWY	Dawson 77.74 337	eP	P	13 57 09.6 -1.6	
INK	Inuvik 78.03 342	P	pmx	13 57 12.3 -0.4	
INK		pmx	pmx		
INK	comp=Z,4.2nm,1.1s				
INK	Inuvik 78.03 342	P	P	13 57 11.9 -0.8	
INK	comp=Z,8.4nm,1.0s,mb4.6,baz=112,slow=5.2,SNR=3.6				
INK		LR	LR	14 36 39.4	
INK	comp=Z,4.0m,19.9s,MSS.8,baz=118,slow=40				
INK	Inuvik 78.03 342	eP	P	13 57 12.1 -0.6	
SUMC	Summit 78.28 12	eP	P	13 57 12.5 -1.5	
SUMC	comp=Z,4.2nm,1.1s,mb5.3				
KIP	Kipapa 78.37 292	PFAKE	LR	13 57 30.0 +1.4	
KIP			LR		
BORG	Borgarnes 78.53 22	PFAKE	LR	13 57 30.0 +1.4	
BORG			LR		
DIV	Divide 79.10 333	P	P	13 57 17.7 -1.0	
RAR	Rarotonga 79.15 249	PFAKE	LR	13 57 30.0 +1.0	
RAR			LR		
THY	comp=Z,5.0m,21.0s,MSS.8	P	P	13 57 24.3 +0.9	
ESDC	Trims Highway 79.79 336	P	P	13 57 27.1 -0.8	
ESDC	Sonsecra Array 80.74 50	P	P	13 57 27.1 -0.8	
ESDC	comp=Z,0.4nm,0.4s,baz=256,slow=5.3,SNR=3.6				
ESDC	Sonsecra Array 80.74 50	PFAKE	LR	13 57 27.1 -0.8	
ESDC	Sonsecra Array 80.74 50	PFAKE	LR	13 57 40.0 +1.2	
ESLA			LR		
SLKM	Skilak Lake 80.92 332	eP	P	13 57 31.5 +3.1	
SLKM	Skilak Lake 80.92 332	eP	P	13 57 28.3 -0.1	
ILAR	Eielson Array 80.98 337	P	P	13 57 27.9 -0.8	
ILAR			pmx	14 00 37.3	
ILAR	comp=Z,9.0nm,1.0s		pmx		
ILAR			pmx		
ILAR	comp=Z,2.0nm,1.1s		MLR	MLR	
ILAR			MLR	MLR	
ILAR	comp=Z,4.0m,18.5s				
ILAR	Eielson Array 80.98 337	P	P	13 57 27.9 -0.8	
ILAR	comp=Z,8.8nm,1.0s,mb4.6,baz=135,slow=3.1,SNR=16				
ILAR			LR	14 34 35.6	
FIB	comp=Z,4.0m,18.5s,MSS.8,baz=236,slow=36				
FIB	Fire Island 81.11 333	PFAKE	LR	13 57 40.0 +1.1	
FIB			LR		
KDAK	Kodiak Island 81.25 329	PFAKE	LR	13 57 40.0 +1.0	
KDAK			LR		
COLA	comp=Z,5.56nm,21.0s,MSS.9	eP	MLR	13 57 31.1 +0.2	
COLA	College 81.40 337	eP	MLR	13 57 31.1 +0.2	
MCK	McKinley 81.43 335	eP	pmx	13 57 31.3 +0.2	
MCK		pmx	pmx		
MCK	comp=Z,12nm,1.0s,mb4.8				
MCK	McKinley 81.43 335	eP	P	13 57 30.8 -0.3	
MCK	comp=Z,12nm,1.0s,mb4.8				
MCK		LR	LR		
SPU	Mount Spurr 81.98 332	eP	P	13 57 34.4 +0.5	
VNA3	Neumayer Olymp 82.96 162	eP	P	13 57 44.3 +5.5	
V					

BUJ 21 13:59:45.4, 2.50N, 95.50E, h30km, mb4.5
ICC 21 13:59:45.2, 2.55N, 95.58E, mb4.0/5, mbl 4.2/6,
mb1mx3.9/17, mbtmp4.0/6, ML4.1/1, Error ellipse:
s-maj=89.0km s-min=21.3km az=60.0
NEIC 21 13:59:49.5, 0.9, 2.49N, 95.48E, h30km, mb4.5/3, Error
ellipse: s-maj=33.0km s-min=11.6km az=62.0
ISC 21 13:59:47.1, 1.4, 2.5N, 95.48E, 0.3, h30km, n9, d09/31/9,
mb4.2/8, Off west coast of northern Sumatara

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CMAR	Chiang Mai Arr	16.27 12	Pn	14 03 35.6	+0.3
BJI	Beijing	41.89 24	eP	14 07 32.2	-4.3
WRA	Warrunganga Arr	44.24 122	P	14 07 55.9	0.0
ASAR	Alco Springs	45.60 127	P	14 08 06.9	+0.1
SONM	Songino Array	46.19 10	P	14 08 10.5	-0.5
SONM	UNCR	1.7mm, 0.7s, mb4.1, baz=190, slow=8.0, SNR=7.8	PcP	14 09 47.5	+0.5
ZAL	Zalesovo	52.04 352	eP	14 08 56.3	+0.2
BVAR	Borovoye Array	54.48 342	P	14 09 14.3	+0.2
BRVK	Borovoye	54.54 342	eP	14 09 14.6	0.0
CHKZ	Chkalov	54.97 342	eP	14 09 17.7	-0.1

CSEM 21 14:05:25.8, 0.9, 43.01N, 45.37E, h10km, mb4.2, After
OBN

MOS 21 14:05:25.1, 0.43, 01N, 45.37E, h10km, mb4.2/1, Error
ellipse: s-maj=13.9km s-min=6.8km az=15.4
TIF Error ellipse: s-maj=45.40E, h17km, 2km
ISC 21 14:05:28.0, 0.5, 43.04N, 0.03, 45.37E, 0.03, h17km, 7km,
n30, r126/53, 1C-1D, Eastern Caucasus

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DLMR	Dyilm	0.93 88	eP	14 05 45.0	-0.2
DLMR	comp=Z, 649nm, 0.1s		pmax		
DLMR	Dyilm	0.93 88	eP	14 05 45.0	-0.2
DLMR	comp=Z, 324nm, 0.1s		pmax		
DLMP	Dusheti	1.07 208	P	14 05 48.7	+1.1
DUS	DUS		Sb	14 06 01.9	+0.7
DBC	Dubki	1.07 91	iP	14 05 47.5	-0.2
UNCR	Uncukul	1.10 107	iP	14 05 47.7	-0.4
UNCR	comp=Z, 243nm, 0.3s		pmax		
UNCR	Uncukul	1.10 107	iP	14 05 47.7	-0.4
UNCR	comp=Z, 122nm, 0.3s		pmax		
ZEI	Tsey	1.11 256	iP	14 05 46.7	-1.6
ZEI	comp=Z, 25nm, 0.2s		pmax		
ZEI	Tsey	1.11 256	iP	14 05 46.7	-1.6
ZEI	comp=Z, 408nm, 0.2s		pmax		
ZEI	Tsey	1.11 256	iP	14 05 46.7	-1.6
ZEI	comp=Z, 12nm, 0.2s		pmax		
ZEI	comp=Z, 204nm, 0.2s		pmax		
KRNR	Karany	1.15 100	iP	14 05 48.0	-1.0
KRNR	comp=Z, 133nm, 0.2s		pmax		
KRNR	Karany	1.15 100	iP	14 05 48.0	-1.0
KRNR	comp=Z, 26nm, 0.2s		pmax		
KRNR	Uchkent	1.26 86	iS	14 05 49.0	-1.9
UKTR	UKTR	1.06 86	iS	14 05 49.0	-1.9
BUJR	Buynak	1.30 99	iP	14 05 49.5	-2.0
BUJR	comp=Z, 295nm, 0.1s		pmax		
BUJR	Buynak	1.30 99	iP	14 05 49.5	-2.0
BUJR	comp=Z, 148nm, 0.1s		pmax		
GNBR	Gunib	1.35 119	eP	14 05 48.0	-4.2
T12	Plekhanov	1.39 199	iP	14 05 51.8	-0.9
T12	comp=Z, 60nm, 0.4s		pmax		
T12	Plekhanov	1.39 199	iP	14 05 51.8	-0.9
T12	comp=E, 90nm, 0.6s		pmax		
T12	comp=E, 30nm, 0.4s		pmax		
MTA	Mtatsminda	1.41 198	P	14 06 02.5	+0.3
MTA	MTA		Sb	14 06 02.5	+0.3
ONI	Oni	1.48 252	S	14 06 11.2	+0.1
ONK	ONK		Sb	14 06 07.0	+0.4
MAKR	Kumukh	1.57 125	eP	14 06 13.9	+0.7
MAK	Makhachkala	1.57 92	eP	14 06 16.2	+0.8
MAK	comp=E, 990nm, 0.5s		pmax		
SHAR	Shatshatmas	2.09 290	eP	14 06 02.4	-0.4
SHAR	Belyy Ugol	2.09 298	eP	14 06 31.7	+1.0
BEYR	Belyy Ugol	2.09 298	eP	14 06 02.4	-0.4
AKH	Akhalkalaki	2.15 221	P	14 06 04.1	+0.5
AKH	AKH		Sb	14 06 32.7	+2.7
KIV0	Kislovodsk Arr	2.15 296	eP	14 06 02.5	-1.1
KIV0	KIV0		eP	14 06 32.9	+2.7
KIV	Kislovodsk	2.15 296	iS	14 06 32.9	+2.7
KIV	KIV		Sb	14 06 32.9	+2.7
NAGR	Nagutskaya	2.35 308	eP	14 06 04.9	-1.7
NAGR	NAGR		Sb	14 06 35.8	+0.5
GOF	Gofitskoye	2.62 321	eP	14 06 19.0	+4.9
GOF	comp=Z, 70nm, 1.0s		pmax		
GOF	Gofitskoye	2.62 321	eP	14 06 19.0	+4.9
GOF	comp=E, 100nm, 1.2s		pmax		
GOF	comp=E, 35nm, 1.0s		pmax		

IGQ 21 14:12:46.8, 1.21S, 81.30W, h12km, 33km, mb4.4, 2C-2D,
Error ellipse: s-maj=31.9km s-min=8.2km az=172.1, Off
coast of Ecuador

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
IGUA	Iguatata	2.68 96	P	14 13 31.5	+1.0
IGUA	IGUA		Sb	14 14 04.3	+1.1
ARRU	Arrayan	2.86 96	UP	14 13 34.9	+1.4
JUAZ	San Juan 2	2.87 70	P	14 13 37.0	+0.9
JUA2	JUA2		S	14 14 06.7	+1.3
PATA	Patacocha	2.88 96	P	14 13 36.4	-3.0
TERV	Terraza Guagua	2.88 69	P	14 13 34.6	+1.1
PINO	Pino	2.89 69	P	14 13 33.4	+0.1
RUN2	Runtum	2.90 94	P	14 13 34.9	+1.3
ULBA	Ulba	2.90 95	P	14 13 34.9	+1.1
PISA	Pisayambo	2.92 87	P	14 13 35.9	+1.9
YANA	Yana	2.94 68	P	14 13 35.0	+0.8
VC1	Cotopaxi 1	2.95 79	P	14 13 37.0	+2.2
TAMB	Tambo	2.98 80	UP	14 14 12.2	+1.5
ANTI	Antisana	3.23 77	UP	14 13 41.0	+2.6
ANTI	ANTI		Sb	14 14 20.2	+3.1
COTA	Cotacachi	3.34 63	P	14 13 41.6	+1.8
CAYR	Refugio Cayamb	3.51 70	P	14 13 45.0	+2.7
CAYA	Cayambe	3.55 69	UP	14 13 45.2	+2.4

ICC 21 14:23:46.2, 1.5, 34.93N, 138.43E, mb3.4/3, mbl 3.7/4,
mb1mx3.4/22, mbtmp3.5/4, ML3.8/1, Error ellipse:

s-maj=40.2km s-min=19.5km az=70.0
JMA 21 14:23:52.0, 2.0, 34.02N, 141.73E, h50km, 5km, M3.3
ISC 21 14:23:53.7, 1.4, 34.04N, 0.06, 141.6E, 0.1, h38km, 15km,
n14, c088/19, mb3.4/3, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
B501	Boso 1	0.82 319	P	14 24 08.6	-0.2
B501	B501		Sb	14 24 20.8	+0.9
B503	Boso 3	1.20 310	P	14 24 14.1	+0.1
B504	Boso 4	1.43 312	P	14 24 18.0	+0.4
TATJ	Tateyama 2	1.75 305	P	14 24 22.3	+0.2
JHJ2	Mitsune	1.78 239	P	14 24 22.6	+0.1
JHJ	Hachijo jima 2	1.80 240	Pn	14 24 23.0	+0.2
JHJ	81nm, 0.3s, baz=215, slow=20, SNR=9.4		S	14 24 45.7	+1.2
JHJ	47nm, 0.3s, baz=93, slow=23, SNR=3.6		S	14 24 54.3	
JIM2	Oshima 3	1.94 291	P	14 24 29.0	-2.0
JJZS	Juzohimoda	2.38 287	P	14 24 30.9	-0.2
JJZS	JJZS		eS	14 24 57.7	-1.6
JOD2	Odawara 2	2.43 301	P	14 24 30.0	-1.8
JYN	Shimob	2.96 301	P	14 24 39.6	+0.6
JYN	JYN		eS	14 25 13.8	+0.5
MAT	Matsushiro	3.73 313	P	14 24 53.3	+0.6
MAT	MAT		S	14 25 34.9	+0.6
ILAR	Eielson Array	51.94 31	P	14 33 00.8	+0.3
WRA	Warrunganga Arr	54.17 188	P	14 33 16.3	-1.1
ASAR	Alco Springs	57.85 188	P	14 33 44.9	+0.8
ASAR	0.2nm, 0.5s, mb3.4, baz=360, slow=6.3, SNR=8.4		P		

ICC 21 14:26:25.8, 1.5, 34.90N, 139.09E, mb3.3/3, mbl 3.6/3,
mb1mx3.3/20, mbtmp3.3/3, Error ellipse: s-maj=53.4km
s-min=16.6km az=79.0

ISC 21 14:26:31.3, 5.2, 34.08N, 0.08, 141.6E, 0.1, h30km, 39km,
n5, r129/7, mb3.4/3, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JHJ	Hachijo jima 2	1.80 238	Pn	14 27 00.5	-0.4
JHJ	27nm, 0.3s, baz=338, slow=21, SNR=6.4		Sb	14 27 22.9	0.0
JHJ	50nm, 0.3s, baz=229, slow=19, SNR=8.2		Lg	14 27 25.0	
JHJ	51nm, 0.3s, baz=243, slow=24, SNR=7.7		Lg	14 27 25.0	
MAT	Matsushiro	3.71 312	P	14 27 28.6	+0.5
MAT	MAT		Sb	14 28 11.2	-0.1
ILAR	Eielson Array	51.92 31	P	14 35 38.5	-0.5
WRA	Warrunganga Arr	54.17 188	P	14 35 54.9	-1.2
ASAR	Alco Springs	57.89 188	P	14 36 25.0	+2.1
ASAR	0.4nm, 0.8s, mb3.5, baz=1.5, slow=7.8, SNR=4.1		P		

NIED 21 14:28:00.24, 7.0N, 122.50E, h122km, Mw5.2 Best double
couple: M=7.65x10¹⁶ NP1:φ=326°, δ76°, λ=46°. NP2:φ=70°,
δ46°, λ=160°

MOS 21 14:28:19.5, 0.9, 24.84N, 122.50E, h85km, mb5.2/63, Error
ellipse: s-maj=7.6km s-min=4.7km az=106.5

JMA 21 14:28:21.9, 0.1, 24.67N, 122.48E, h89km, 1km, M5.1
JMA Felt I J1

BUJ 21 14:28:21.2, 2.4, 65N, 122.44E, h102km, mb5.2, mb5.2
TAP 21 14:28:21.1, 2.4, 56N, 122.53E, h92km, ML5.9
TAP Felt II J at Suao, III J at Nanau, III J at Ilan, II J, III J at
Nioudou, I J at Mucha, I J at Chiawan, II J at Hualien, I J at
Taipei, III J at Nanshan, II J at Sanquang, II J at
Kuangyinshan, III J at Hehuanshan, I J at Shilin, III J at
Tachien, III J at Jungli (National Central University), II J at
Nanjuang, II J at Hsinchu, II J at Hungye, I J at Liyutan, II J
at Sanyi, II J at Ryuetan, I J at Yuchr, I J at Taichung, II J
at Chengkung, II J at Mingjian, I J at Alishan, I J at Lidau,
II J at Tsauling, II J at Gukung, I J at Tauyuan, II J at
Dacheng, II J at Chiayi, II J at Szu, I J at Jiali, I J at
Lanyu.

ICC 21 14:28:22.2, 1.4, 24.79N, 122.54E, h100km, 11km,
Ms4.7/2, mb1 4.9/28, mb1mx4.9/30, mbtmp5.2/28, MS4.1/3,
mb1 4.2/3, ms1mx3.5/23, Error ellipse: s-maj=12.0km
s-min=9.7km az=71.0, Pulsive timing error at 2.5s

HRVD 21 14:28:22.0, 6.2, 71N, 122.47E, h90km, 5km, MW5.2/55,
Centroid moment Tensor Solution. LP body waves:
s15, c18; Mantle waves: s55, c92; Half duration: 150
Moment tensor: Scale 10¹⁶Nm; Mr=2.65±.45; Mθ=2.82±.45;
Mφ=5.47±.46; Mσ=3.98±.23; Mσ=3.64±.34; Mσ=3.74±.24;
Best double couple: Mθ=0.023x10¹⁶ NP1:φ=57°, δ50°, λ158°.
NP2:φ=161°, δ73°, λ42°. Principal axes: T=6.645, P=614°,
Azm27°, N=1.244, P=45°, Azm179°; P=7.401, P=157°,
Azm284°; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

NEIC 21 14:28:22.5, 0.1, 24.70N, 122.46E, mb5.2/90 Error
ellipse: s-maj=9.9km s-min=3.7km az=64.0

NEIC Felt at Tai-pei. Recorded [3 TAP] in Hualien, Ilan,
Nan-ou, Tai-chung and T'ao-yuan; [2 TAP] in
Chang-hua, Hsin-chu, Miao-li, Tai-pei, Tai-tung and
Yun-lin; [1 TAP] in Chia-i and Kao-hsiung Counties. Also
recorded [1 JMA] on Iliomote-jima, Ishigaki-jima and
Yonaguni-jima, Ryukyu Islands.

ISC 21 14:28:20.0, 1.1, 24.62N, 0.01, 122.47E, 0.01, h99km, 1km,
h104km, 2.1km; p-P, n475, s1508/546, mb5.1/124, 50C-36D,
Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
YOJ	Yonaguni jima	0.52 108	P	14 28 36.8	+0.3
YOJ	YOJ		eS	14 28 47.6	-0.8
TWC	Suao	0.56 269	iP	14 28 36.5	-0.3
TWB1	Sanitiao Chiao	0.58 311	iP	14 28 37.3	+0.3
TWB1	TWB1		Sb	14 28 39.3	+0.1
ILA	Ilan	0.67 282	iP	14 28 38.0	

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

IDC 21 15:55:57.4+0.9, 1.88S, 140.68E, mb4.2/5, mb1 4.4/6, mb1mx4.2/12, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=54.1km s-min=21.6km az=90.0

NEIC 21 15:55:58.0+5.1, 1.91S, 140.71E, h10km, mb4.3/6, Error ellipse: s-maj=24.7km s-min=7.6km az=100.0

ISC 21 15:56:00.5+0.7, 1.96S, 0.09, 140.6E, 0.3, h33km, n17, c078/15, mb4.2/9, Irian Jaya region

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

IDC 21 15:57:27.4+1.1, 2.03S, 140.96E, mb4.0/5, mb1 4.2/6, mb1mx4.1/12, mbtmp4.0/6, ML3.9/1, MS4.6/1, Ms1 4.6/1, ms1mx3.2/18, Error ellipse: s-maj=40.6km s-min=23.0km az=90.0

NEIC 21 15:57:28.0+7.1, 1.97S, 141.03E, h10km, mb4.3/4, Error ellipse: s-maj=30.9km s-min=10.2km az=90.0

ISC 21 15:57:26.0+0.8, 2.00S, 0.08, 141.0E, 0.3, h10km, n14, c106/11, mb4.1/8, MS4.5/1, Irian Jaya region

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

IDC 21 15:49:47.9+3.2, 2.20S, 178.06W, h533km, 37km, mb3.2/9, mb1 3.9/9, mb1mx3.4/14, mbtmp4.1/8, Error ellipse: s-maj=78.3km s-min=12.8km az=155.0

NEIC 21 15:49:50.1+4.3, 2.20S, 178.11W, h561km, 52km, mb4.1/1, Error ellipse: s-maj=70.2km s-min=18.4km az=158.0

ISC 21 15:49:45.2+4.1, 2.10S, 0.6, 178.2W, 0.3, h506km, 51km, n16, c047/11, mb3.7/10, Fijii Islands region

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

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

WEL 21 15:51:33.5+0.6, 37.27S, 179.99E, h33km, ML3.6/3, Error ellipse: s-maj=5.8km s-min=5.8km az=90.0, Off east

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

IGQ 21 15:58:08.5, 1.27S, 81.40W, h12km, 27km, mb4.4, 17C-6D, Error ellipse: s-maj=26.3km s-min=7.5km az=47.1, Off coast of Ecuador

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

IDC 21 16:00:30.3+1.5, 0.37S, 127.51E, mb3.5/4, mb1 3.7/4, mb1mx3.6/14, mbtmp3.6/4, Error ellipse: s-maj=147.2km s-min=23.6km az=72.0, Halmahera

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

IGQ 21 16:14:53.5, 1.20S, 81.75W, h12km, 27km, mb4.9, Error ellipse: s-maj=26.0km s-min=8.1km az=172.0

BJI 21 16:15:05.0+0.3, 1.20S, 80.91W, h10km, mb5.3, Ms5.1, Msz4.9, NEIC 21 16:15:05.0+0.3, 1.27S, 80.76W, h10km, mb5.4, 6/28, MD4.9(IGQ), Error ellipse: s-maj=9.9km s-min=5.5km az=52.0

NEIC Felt at Mantua. IDC 21 16:15:13.8+4.5, 1.30S, 80.77W, h83km, 41km, mb3.8/12, mb1 4.1/14, mb1mx3.9/22, mbtmp4.2/14, MS4.4/4, Ms1 4.4/4, ms1mx3.3/21, Error ellipse: s-maj=28.1km s-min=13.1km az=59.0

ISC 21 16:15:08.6+1.0, 1.27S, 0.06, 80.90W, 0.07, h46km, 9km, n101, c094/96, mb4.4/36, MS4.5/3, 11C-30, Near coast of Ecuador

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

SDV Santo Domingo 14.36 45 P 16 18 33.3+2.3 0.8nm, 0.3s, baz=29.1, slow=14.9, SNR=21

SAML Samuel 19.21 214 eP 16 19 26.7-5.0 155km, 1.6s

LPAZ La Paz 19.52 141 P 16 19 34.6-0.5 0.3nm, 0.3s, baz=335, slow=10, SNR=21

LPAZ La Paz 19.52 141 eP 16 19 34.1-1.0 28nm, 1.1s

TEIG Tepic 22.55 342 eP 16 20 05.5-0.6 29nm, 1.3s, mb4.5

SJG San Juan 24.11 36 P 16 20 20.7-0.6 30nm, 0.8s, mb4.8, baz=270, slow=17, SNR=5.0

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

WEL 21 15:51:33.5+0.6, 37.27S, 179.99E, h33km, ML3.6/3, Error ellipse: s-maj=5.8km s-min=5.8km az=90.0, Off east

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RW3, ISCO, etc.

IGQ 21 15:58:08.5, 1.27S, 81.40W, h12km, 27km, mb4.4, 17C-6D, Error ellipse: s-maj=26.3km s-min=7.5km az=47.1, Off coast of Ecuador

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

IDC 21 16:00:30.3+1.5, 0.37S, 127.51E, mb3.5/4, mb1 3.7/4, mb1mx3.6/14, mbtmp3.6/4, Error ellipse: s-maj=147.2km s-min=23.6km az=72.0, Halmahera

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

IGQ 21 16:14:53.5, 1.20S, 81.75W, h12km, 27km, mb4.9, Error ellipse: s-maj=26.0km s-min=8.1km az=172.0

BJI 21 16:15:05.0+0.3, 1.20S, 80.91W, h10km, mb5.3, Ms5.1, Msz4.9, NEIC 21 16:15:05.0+0.3, 1.27S, 80.76W, h10km, mb5.4, 6/28, MD4.9(IGQ), Error ellipse: s-maj=9.9km s-min=5.5km az=52.0

NEIC Felt at Mantua. IDC 21 16:15:13.8+4.5, 1.30S, 80.77W, h83km, 41km, mb3.8/12, mb1 4.1/14, mb1mx3.9/22, mbtmp4.2/14, MS4.4/4, Ms1 4.4/4, ms1mx3.3/21, Error ellipse: s-maj=28.1km s-min=13.1km az=59.0

ISC 21 16:15:08.6+1.0, 1.27S, 0.06, 80.90W, 0.07, h46km, 9km, n101, c094/96, mb4.4/36, MS4.5/3, 11C-30, Near coast of Ecuador

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

SDV Santo Domingo 14.36 45 P 16 18 33.3+2.3 0.8nm, 0.3s, baz=29.1, slow=14.9, SNR=21

SAML Samuel 19.21 214 eP 16 19 26.7-5.0 155km, 1.6s

LPAZ La Paz 19.52 141 P 16 19 34.6-0.5 0.3nm, 0.3s, baz=335, slow=10, SNR=21

LPAZ La Paz 19.52 141 eP 16 19 34.1-1.0 28nm, 1.1s

TEIG Tepic 22.55 342 eP 16 20 05.5-0.6 29nm, 1.3s, mb4.5

SJG San Juan 24.11 36 P 16 20 20.7-0.6 30nm, 0.8s, mb4.8, baz=270, slow=17, SNR=5.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include KKN, GKN, KOLA, SONM, WRA, ASAR, ZAL, BVAR.

IGQ 21 16:46:48.9, 0.96Sx81.92W, h14km, 21km, mb5.0, Error ellipse: s-maj=20.5km s-min=7.8km az=176.5

ICD 21 16:46:59.0, 0.7, 1.03S, 80.76W, mb4.2/13, mb1 4.4/15, mb1mx4.2/1, mbmp4.2/15, ML3.9/2, MS4.3/9, Ms1 4.3/9, ms1mx3.7/25, Error ellipse: s-maj=27.0km s-min=14.1km az=50.0

BJI 21 16:47:00.5, 1.20S, 80.90W, h10km, mb5.7, Ms5.2, Msz4.9, NEIC 21 16:47:00.6, 0.4, 1.18S, 80.87W, h10km, mb5.0/32, Error ellipse: s-maj=10.7km s-min=7.5km az=212.0

HRVD 21 16:47:00.6, 0.4, 1.26S, 81.17W, h14km, km, MW5.0/39, Centroid moment Tensor Solution. LP body waves: s16, c20, Mantle waves: s39, c58; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr:3.02±.15; Mw:0.00±.15; Mw0-3.0±.20; Mw0.29±.36; Mw0.68±.11; Mr-2.38±.47; Best double couple: M3.3921±.1016 NP1±.345±.826±.184±. NP2±.171±.864±.193±. Principal axes: T 3.854, PG17±. Azm78±; N 1.34, Plg3±; Azm350±; P -3.987, Plg19±. Azm259±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

ISC 21 16:47:03.0, 0.3, 1.17S, 0.06E, 81.09W, 0.03, h33km, n126, c113/107, mb4.8/41, MS4.3/9, 16C-2D, Off coast of Ecuador

Main table of station data for the 21d 17h period, listing station names like IGUA, JUJU, MARY, ARRY, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include TPWA, MOOV, MNV, IMW, NVAR, QLMT, HLHD, BOZ, WVOR, BMO, WATA, TAOE, FCC, PMSA, FRB, YKA, YKWS, PPT, TBI, RES, DBIC, DBIC, DAWY, INK, SUMG, ESDC, ILAR, ILAR, MCK, IMA, DAG, DAG, TNA, NOA, CLL, CLL, GERS, ZAL, ZAL, MID, SONM, WMQ, WRA, WRA, LZH, LZH, LZH, NDI, WHN, ENH, LSA, LSA, CMAR, CMAR.

OT 21 16:49:35.3, 60.0, 21.07S, 176.50W, mb3.8/3, mb1 4.0/3, mb1mx3.7/13, mbtp0.8/3, Error ellipse: s-maj=1117.0km s-min=167.7km az=84.0, Fiji Islands

OT 21 16:57:59.2, 0.3, 52.76N, 67.30W, MS2.9/7, Blast, Mount Wright, CQ Mining exploration, Northern Quebec

Main table of station data for the 2005 JAN period, listing station names like STKA, ASAR, WRA, OTT, SCHQ, MNO, MNO, SMQ, ICQ, ICQ, ANMO, ANMO, TUC, SDCO, SADO, RW3, ISCO, PV01, PV10, PFO, NEN, SRU, MSU, ARUT, DAU, JLU, PDAR, PDAR, HWUT, LOHW, CM31.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include CMAR, LSA, JOW, SONM, WRA, KURK, KURK, ASAR, ZAL, CHKZ, CHKZ, GERES.

IGQ 21 17:20:59.9, 1.00S, 81.72W, h12km, 26km, mb4.2, 2D, Error ellipse: s-maj=25.4km s-min=9.4km az=177.7, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include IGUA, JUJU, TERV, PINO, NASI, CUSU, YANA, ARRY, PATA, RUNZ, PISA, VC1, ULBA, TAMB, ANTI, COTA, CAYR, CAYR, CAYA.

ICD 21 17:27:38.0±11.0, 1.84Sx141.18E, mb3.7/2, mb1 4.0/3, mb1mx3.6/11, mbtpm3.3/6, ML3.8/1, Error ellipse: s-maj=174.9km s-min=96.5km az=176.0, Ninigo Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include WRA, ASAR, STKA.

IGQ 21 17:40:55.9, 1.26S, 81.30W, h12km, 24km, mb4.3, 2C-3D, Error ellipse: s-maj=24.3km s-min=6.4km az=170.3, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include IGUA, JUJU, ARRY, ARRY, PATA, JUJU, NASI, RUNZ, ULBA, TERV, TERV, PINO, PISA, YANA, VC1, TAMB, ANTI, COTA, CAYR, CAYA.

BJI 21 17:54:28.1, 4.55N, 125.60E, h175km, mb5.4, mb5.2, ICD 21 17:54:35.0, 0.6, 5.22N, 125.33E, h180km, mb5.2/26, mb1 5.3/27, mb1mx5.3/28, mbmp5.7/27, MS4.7/2, Ms1 4.7/2, ms1mx4.0/24, Error ellipse: s-maj=11.1km s-min=5.5km az=70.0

HRVD 21 17:54:34.9, 0.2, 5.14N, 125.49E, h179km, 1km, MW5.8/69, Centroid moment Tensor Solution. LP body waves: s65, c129, Mantle waves: s69, c199; Half duration: 2s Moment tensor: Scale 10^17Nm; Mr-3.27±.11; Mw-0.55±.11; Mw0.82±.13; Mw0.88±.09; Mw0.46±.12; Mw0.19±.10; Best double couple: Mw.932±.1017 NP1: ±209±.87±.λ-41°. NP2: ±337±.876±.λ-107°. Principal axes: T 6.694, Plg29±; Azm81±; N 481, Plg16±; Azm341±; P -7.171, Plg56±; Azm226±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 21 17:54:34.9, 0.1, 5.19N, 125.25E, mb5.6/62, ME5.4, MW5.9 Error ellipse: s-maj=5.7km s-min=3.9km az=86.0

broadband fault plane solution: P waves: NP1±.335±.875±.λ-109°. NP2±.189±.818±.λ-57°. Principal axes: T Plg29±; Azm73±; N Plg0±; Azm0±; P Plg59±; Azm231±; Moment Tensor Solution. s15 Moment tensor: Scale 10^17 Nm; Mr-4.08; Mw-2.13; Mw0.62±.1; Mw0.28±.6; Mw0-1.01; Mw-4.69; Best double couple: Mw.7.7x10^17 NP1: ±202±.829±.λ-44°. NP2: ±332±.871±.λ-112°. Principal axes: T 8.41, Plg23±; Azm78±; N 1-37, Plg20±; Azm339±; P -7.03, Plg59±; Azm211±; Depth from broadband displacement seismograms. Energy computed from BB mechanism

MOS 21 17:54:38.3, 1.4, 5.19N, 125.21E, h221km, mb5.5/52, MS4.7/9 Error ellipse: s-maj=8.4km s-min=4.8km az=107.5

ISC 21 17:54:33.7, 0.1, 5.05N, 0.02E, 125.25E, 0.03, h178km, h178km, 1.8km, p-P, n485, c132/431, mb5.5/115, 41C-71D, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Rows include KCP, KCP, DAV, DAV, DMPH, DMPH, MATI, MATI, CTBH, CTBH, BUKP, BUKP, BIPH, BIPH, PAGZ, PAGZ, CGP, CGP, IPIL, IPIL, SUTP, SUTP, SIBU, SIBU, SNPH, SNPH, TBP, TBP, MSLP, MSLP.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like OCLP Ormoc, PALO Palo, GUMU Borjan, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, CMAR comp=Z,101nm,0.7s,mb5.7, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like MUN Mundingar, SHL Shilling, NWAO Narrogin (SRO), etc.

Table with columns: PPT, Papeete, RA, Az, El, P, RA, Az, El, P. Includes stations like Papeete, Boyabat, Taravao, Joensuu, Tubuai, etc.

Table with columns: KSP, Ksiaz, RA, Az, El, P, RA, Az, El, P. Includes stations like Ksiaz, Bratislava, Yellowknife, Pruhonice, etc.

Table with columns: PLCA, Paso Flores, RA, Az, El, P, RA, Az, El, P. Includes stations like Paso Flores, Vista de Mar, Puriscal, etc.

NIED 21 17:58:00.34.00N:141.60E, h8km, Mw5.6 Best double couple: M2.8x10^17 ... BUI 17:58:54.5, 33.82N-141.46E, h17km, mB5.7, mb5.0, Ms5.8, Msz5.7 ... HRVD 21 17:58:56.4-0.2, 33.95N:141.65E, h13km, Mw5.7/67 ... JMA 21 17:58:57.0-0.5, 33.97N:141.64E, h34km, Mw5.6 ... MOS 21 17:58:58.7-0.9, 34.85N:141.49E, h10km, mb5.4/67 ... ISC 21 17:58:59.3-0.6, 33.96N:0.04-141.40E, h40km, Mw5.1/47 ...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station codes like BSO1, BSO2, BSO3, etc.

21d 18h

Table of station data for 21d 18h, including columns for station name, frequency, power, and other technical details.

2005 JAN

Table of station data for 2005 JAN, including columns for station name, frequency, power, and other technical details.

646

Table of station data for 646, including columns for station name, frequency, power, and other technical details.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like JOD2 Odawara 2, MAJ2 Matsushiro, MAT Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like FINES FINESS Array B, KIV Kislovodsk, KUM Kislovodsk, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like MDD 21 18:39:10.0, EMEL Melilla, EMLI Melilla, etc.

CSEM 21 18:39:09.0, 4.35.06N, 3.19W, h2km, mb3.3/3, Error ellipse: s-maj=9.6km s-min=4.5km az=177.0

ICD 21 19:01:32.2, 1.7, 11.22N, 92.00E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=52.2km s-min=25.1km az=65.0, Andaman Islands region

az=14.9
NEIC 21:20:48:59.0,3,32.78S,178.76W,h10km,mB5.0/22,
Error ellipse: s-maj=10.6km s-min=8.7km az=151.0
IDC 21:20:49:04.9,1.8,32.78S,178.73W,h44km,15km,mB4.4/14,
mb1 4.6/16,mb1mx4.6/17,mbtmp4.7/16,ML5.0/2,MS5.0/12,
Ms1 5.0/12,ms1mx4.4/20,Error ellipse: s-maj=17.3km
s-min=10.8km az=171.0
ISC 21:20:48:58.3,1,3.32,80S,0.04:178.83W,0.07,h7km,8km,
n185,0.18:34/14,mb5.0/28,MS5.0/15,14C-5D, South of
Kermadec Islands

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

Table with columns: SYO, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates and phases.

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

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bhubaneswar, Hyderabad, Shillong, Bilaspur, Kunming, etc.

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

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mina Array Bay, Lajitas Array, Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CPCT Cooper Cave, TXAR Lajitas Array, TXAR 1.2nm, 1.1s, mbz=124, slow=6.5, SNR=8.3, etc.

Table with columns: DMN, LSA, LSA, LSA, PKI, JIRN, SHL, CMAR. Includes stations like Damjan 150.47 26 eP, Lhasa 150.62 14 PKP, etc.

IDC 22 01:19:02.9.0.7, 8.03N, 93.85E, mb4.1/14, mb4.1/4, 2/15, mb1mx3/1.21, mbtmp4/1/15, ML4.3/1, Error ellipse: s-maj=44.5km s-min=14.6km az=54.0

NEIC 22 01:19:07.2.0.4, 7.98N, 93.79E, h30km, mb4.3/4, Error ellipse: s-maj=12.9km s-min=8.5km az=52.0

ISC 22 01:19:05.2.0.5, 7.94N, 0.07.93.75E.0.0, h30km, n34, 0.0913/4, mb4.2/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekete, JIRN Jiri, etc.

IDC 22 01:33:19.6.3.6, 3.05N, 93.91E, mb3.7/4, mb1 4/0/5, mb1mx3/1.7, mbtmp3/7.7, ML3.9/1, Error ellipse: s-maj=121.3km s-min=25.5km az=66.0

NEIC 22 01:33:22.9.1.1, 2.93N, 93.65E, h30km, mb3.9/1, Error ellipse: s-maj=35.9km s-min=10.8km az=66.0

ISC 22 01:33:20.7.1.6, 2.9N, 0.2.93.6E.0.3, h30km, n8, 0.0940/8, mb3.8/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, WRA Warramunga Arr, etc.

IDC 22 02:08:37.2.0.8, 9.78N, 93.63E, mb4.0/9, mb4.1/10, mb1mx4/0.17, mbtmp3/9.10, ML3.7/1, MS1.1/1, MS1.3/1, ms1mx2.5/18, Error ellipse: s-maj=44.2km s-min=17.1km az=54.0

NEIC 22 02:08:41.8.0.4, 9.80N, 93.65E, h30km, mb4.5/4, Error ellipse: s-maj=14.8km s-min=9.4km az=224.0

ISC 22 02:04:06.2.4.9, 7.92N, 1.0.93.60E.1.0, h39km, 22km, n19, 0.0631/7, mb4.1/13, Nicobar Islands region

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

Table with columns: PLCA, BJI, NEIC, ISC. Includes stations like Paso Flores 146.026 PKPbc, Beijing 39.88 25 eP, etc.

BJI 22 02:24:12.5.4. 58N, 94.85E, h60km, mb5.0, mb1 4/3/11, mb1mx4/1/18, mbtmp4/4/11, Error ellipse: s-maj=42.8km s-min=13.9km az=48.0

NEIC 22 02:24:15.6.0.5, 4.73N, 95.03E, mb4.7/9, Error ellipse: s-maj=20.3km s-min=9.1km az=51.0

ISC 22 02:24:14.0.0.6, 4.8N, 1.0.95.1E.0.1, h51km, h51km, 2.3km, p-P, n37, 0.0581/33, mb4.6/26, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, etc.

MOS 22 02:57:01.4.0.8, 2.22N, 105.63, 62W, h466km, mb5.4/72, Error ellipse: s-maj=8.9km s-min=5.4km az=78.4

BUI 22 02:57:07.0.2.1, 62S, 63.62W, h521km, mb5.1, IDC 22 02:57:07.0.4.0, 2.22S, 63.66W, h532km, 4km, mb4.7/20, mb1 4.8/23, mb1mx4.8/25, mbtmp5.4/23, Error ellipse: s-maj=14.5km s-min=7.8km az=76.0

HRVD 22 02:57:07.2.0.4, 2.22N, 105.63, 62W, h545km, 3km, MW5.2/53, Centroid moment Tensor Solution. LP body waves: 53, 079; Half duration: 1s1 Moment tensor: Scale 10^17 Mw: 0.72; 03; Mw0.02; 05; Mw0.07; 05; Mw0.11; 06; Mw0.25; 04; Mw0.40; 06; Best double couple: Ms859x10^17 NP130341, 631, -lambda, -92. NP2: 0e163, 859, -lambda, -89. Principal axes: T. 888, Plg14, Azm253; N. 058, Plg1; Azm343; P. -83, Plg76, Azm78; nsta1 refers to body waves, cutoff=40s.

NEIC 22 02:57:07.2.0.1, 2.22S, 63.65W, mb5.2/164, Error ellipse: s-maj=4.3km s-min=3.2km az=206.0

LDG 22 02:57:09.7.0.5, 21.41S, 63.72W, h535km, Mb5.3/37, Error ellipse: s-maj=38.7km s-min=29.6km az=96.0

ISC 22 02:57:06.2.0.1, 2.22S, 0.03.63.68W.0.03, h526km, h526km, 1.1km; p-P, n677, 0.0693/503, mb5.1/191, 23C-41D, Salta Province

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, LVC, LPAZ La Paz, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like DSCH, TRQA, NNA, BAO, PLCA, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like DBIC, DBIC, DBIC, NVL, NVL, WES, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like TMUT, ARUT, SBA, SBA, SBA, SBA, SBA, etc.

22d 3h

Table with columns: Station Name, Frequency, Mode, Class, and Time. Includes stations like KHC Kasperske Hory, RES Resolute Bay, ARS Arzberg, etc.

2005 JAN

Table with columns: Station Name, Frequency, Mode, Class, and Time. Includes stations like ASPA Alice Springs, ASPA Alice Springs, ASPA Alice Springs, etc.

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Table with columns: Station Name, Frequency, Mode, Class, and Time. Includes stations like BOK Bokaro, JIRN Jiri, HIA Hailar, etc.

TAP 22 03:06:52.4, 24.80N, 122.18E, h89km, ML3.5, Taiwan region

ISK 22 03:13:14.2, 38.26N, 122.17E, h32km, MD3.5
ATH 22 03:13:39.3, 38.18N, 124.27E, h3km, MD2.9/4
CSEM 22 03:13:39.3, 38.18N, 124.27E, h3km, MD2.9/4, After ATH
ISC 22 03:13:21.1, 0.5, 38.48N, 102.06, 25.70E, 0.05, h32km, n16, Aegean Sea

Table with columns: Code, Station Name, Frequency, Mode, Class, and Time. Includes stations like BLCB Balcova, AYVA Ayvalik, IZM Izmir, etc.

IGQ 22 03:24:03.0, 1.15S, 81.36W, h12km, 25km, mb4.3, 2D,
Error ellipse: s-maj=24.6km s-min=7.2km az=172.0, Off coast of Ecuador

Table with columns: Code, Station Name, Frequency, Mode, Class, and Time. Includes stations like IGUA Iguatata, JUA2 San Juan 2, TERV Terraza Guagua, etc.

IGQ 22 03:28:16.4, 0.99S, 81.32W, h12km, 23km, mb4.3, 1C-5D,
Error ellipse: s-maj=23.5km s-min=7.4km az=173.4, Off coast of Ecuador

Table with columns: Code, Station Name, Frequency, Mode, Class, and Time. Includes stations like IGUA Iguatata, JUA2 San Juan 2, TERV Terraza Guagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFDO San Fernando, SJCH San Jose de Ma, PEL Peidehue, etc.

NEIC 22 04:51:13.8, 16.29N-97.41W, h70km, MD4.0(MEX), After MEX.

MEX 22 04:51:14.7-1.2, 16.22N-97.34W, h12km, 13km, MD4.0, 2C-2D, Oaxaca

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

NEIC 22 04:54:45.1, 16.22N-97.33W, h9km, MD3.8(MEX), After MEX.

MEX 22 04:54:45.2-0.8, 16.23N-97.33W, h10km, 9km, MD3.8, 2C-1D, Oaxaca

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

IDC 22 05:05:07.4-0.8, 13.45N-92.78E, mb3.9/12, mb1 4/1/13, mb1mx4.0/19, mbtmp3.9/13, ML3.9/1, MS3.5/2, Ms1 3.5/2, ms1mx2.7/22, Error ellipse: s-maj=34.8km s-min=15.5km az=54.0

BUI 22 05:05:09.6, 13.28N-92.85E, h37km, mb4.8, mb4.2, Ms4.1, Ms23.9

NEIC 22 05:05:11.6-0.4, 13.43N-92.79E, h30km, mb4.5/7, Error ellipse: s-maj=36km s-min=7.6km az=151.0

ISC 22 05:05:09.5-0.5, 13.41N-0.07-92.78E, 0.05, h30km, n42, o=99/40, mb4.1/19, MS3.8/3, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR, SHL Shillong, PALK Pallekele, HYB Hyderabad, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURK Kurchatov, ZAL Zalevso, BVAR Borovoye Array, etc.

IGQ 22 05:30:11.6, 1.065S-81.41W, h12km, 26km, mb4.3, 3C-4D, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA Iguatala, JUAZ San Juan 2, TERY Terraza Guagua, etc.

IGQ 22 06:07:03.9, 1.61S-81.09W, h12km, 22km, mb4.0, 1C, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA Iguatala, AARRY Arrayan, PISA Pisayambo, etc.

NEIC 22 05:36:24.4, 16.28N-97.36W, h32km, MD3.6(MEX), After MEX.

MEX 22 05:36:24.4-1.0, 16.28N-97.36W, h32km, 26km, MD3.6, Oaxaca

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

IDC 22 05:50:41.0-1.4, 26.98S-112.82W, mb3.7/5, mb1 4/1/5, mb1mx3.8/15, mbtmp3.7/5, MS4.1/9, Ms1 4.1/9, ms1mx3.7/21, Error ellipse: s-maj=45.7km s-min=37.9km az=39.0, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAOE Nuku Hiva Isla, TBI Tubu-lau, PPT Papeete, etc.

IGQ 22 05:54:31.7, 1.285S-81.19W, h12km, 30km, mb4.6, 3C-7D, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA Iguatala, IGUA, CUSU Cusua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PINO Pino, PISA Pisayambo, GGP Refugio Guagua, etc.

IGQ 22 06:03:16.4, 0.88S-81.14W, h12km, 33km, mb4.1, 1C, Error ellipse: s-maj=32.0km s-min=7.6km az=178.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA Iguatala, JUAZ San Juan 2, TERY Terraza Guagua, etc.

IGQ 22 06:07:03.9, 1.61S-81.09W, h12km, 22km, mb4.0, 1C, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA Iguatala, AARRY Arrayan, PISA Pisayambo, etc.

NEIC 22 06:25:30.0, 3.194S-72.05W, h37km, MD3.7(GUC), After GUC.

GUC 22 06:25:30.0-1.0, 3.194S-72.05W, h37km, 4km, MD3.7, ML2.9, 4C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PACH Papudo, ILCH Illapel, ILCH, etc.

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

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PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

PTCH Petorca, 1.00 109, Error ellipse: s-maj=26.2km s-min=11.2km az=156.0

JMA 22 06:29:56.5-0.1, 35.64N-141.00E, h18km, 1km, M3.8, JMA Feit 1 J1.

Table with columns: WRA, WRA, WRA, ESDC, ASAR. Includes station names like Warramunga Arr, Alice Springs and various parameters like azimuth, elevation, and SNR.

IDC 22 06:45:05.8-2.2, 52.39N:169.48W, mb4.1/9, mb1 4.3/9, mb1mx4.1/20, mbmp4.1/9, MS4.1/3, Ms1 4.1/3, ms1mx3.5/26, Error ellipse: s-maj=56.4km s-min=28.3km az=174.0

NEIC 22 06:45:11.7-1.0, 52.34N:169.51W, h43km, 5km, ML3.4(AEIC), Error ellipse: s-maj=23.0km s-min=5.0km az=150.0

ISC 22 06:45:08.9-1.2, 52.11N-0.1, 169.47W-0.1, h46km, gkm, n23, c095/26, mb4.1/9, MS4.1/3, Fox Islands

Main station list table for the first section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like NIKO, OKCE, OKKD, etc.

IDC 22 06:54:44.4-1.1, 22.96N:121.52E, mb3.8/7, mb1 4.0/7, mb1mx3.8/20, mbmp3.8/7, Error ellipse: s-maj=38.0km s-min=24.9km az=73.0

NEIC 22 06:54:46.8-1.1, 22.85N:121.38E, h10km, mb4.3/1, ML4.5(TAP), Error ellipse: s-maj=25.8km s-min=15.2km az=94.0

NEIC Recorded [3 TAP] in Tai-tung County. JMA 22 06:54:48.7-0.3, 22.78N:121.35E, h87km, M3.7, BUI 22 06:54:48.3, 22.93N:121.09E, h10km, MB4.6, mb4.3, ML3.7, Ms4.2, Ms23.9

TAP 22 06:54:48.4, 22.88N:121.27E, h19km, ML4.3 TAP Feit II J at Taitung, I J at Pinlang, I J at Chengchung, I J at Lidau, II J at Taimali, I J at Sandimen, I J at Lanyu.

ISC 22 06:54:47.6-0.3, 22.80N-0.02, 121.35E-0.02, h23km, 2km, n74, c094/115, mb3.8/8, 11C-6D, Taiwan region

Main station list table for the second section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like TTN, TWG, TWG, etc.

Main station list table for the third section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like TWQ1, ENA, NSY, etc.

IGQ 22 06:56:22.9, 1.05S-81.57W, h12km, 22km, mb4.1, 1C-4D, Error ellipse: s-maj=21.3km s-min=12.1km az=178.9

Off coast of Ecuador. Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like IGUA, JUA2, etc.

Main station list table for the fourth section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like IGUA, JUA2, TERV, etc.

NIED 22 06:56:00.24, 20N, 122.20E, h29km, Mw4.6 Best double couple: M7.7x10^15 NP1:250°, 87°, -75°. NP2:9°, 31°, 825°, -126°

JMA 22 06:56:44.8-0.2, 24.22N:122.18E, h43km, M4.9 TAP 22 06:56:44.8, 24.11N:122.23E, h21km, ML4.8 TAP Feit II J at Nanau, I J at Suao, I J at Ilan, I J at Neichung, I J at Nioudou, I J at Hehuanshan, I J, I J at Taipei.

BUI 22 06:56:45.5, 24.33N:122.38E, h26km, MB4.5, mb4.4, ML4.8, Ms4.2, Ms24.2

IDC 22 06:56:45.5-2.6, 24.23N:122.33E, h35km, 20km, mb4.0/16, mb1 4.2/17, mb1mx4.1/23, mbmp4.2/17, ML4.2/1, MS4.3/5, Ms1 4.4/5, ms1mx3.5/29, Error ellipse: s-maj=20.9km s-min=12.8km az=66.0

NEIC 22 06:56:46.5-0.9, 24.19N:122.36E, h46km, 8km, mb4.5/7, Error ellipse: s-maj=10.1km s-min=6.2km az=63.0

ISC 22 06:56:44.1-0.2, 24.06N-0.02, 122.32E-0.01, h21km, n108, c1916/152, mb4.3/21, MS4.4/5, 9C-12D, Taiwan region

Main station list table for the fifth section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like ENA, HWA, TWD, etc.

Main station list table for the sixth section, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like NCU, CHENHUA, HSN, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

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Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

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Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

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Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters for stations like JOW, JOW, JOW, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like COLA, MCK, DBIC, ILAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NATX, HKT, DWPF, etc.

MOS 22 09:21:49.8z 1.0, 5.6, 28km, 115.26E, h11km, mb4.0/1, Error
BYKL 22 09:21:51.0z 0.3, 5.6, 33km, 115.17E, h14km, 5km, 5C-9D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NLYR, NLYR, NLYR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TUP, SYVR, SYVR, etc.

IDC 22 09:24:28.6z 0.5, 3.67N-94.11E, mb4.8/18, mb1.4/8, 19, mb1mx4.7/24, mbtmp4.8/19, ML4.7/1, MS4.3/6, Ms1.4/3.6, ms1mx4.2/16, Error ellipse: s-maj=10.5km s-min=13.1km az=47.0

BUI 22 09:24:31.5z 3.22N-94.23E, h50km, mb5.1, mb4.9, Ms5.1, Ms4.8

MOS 22 09:24:31.5z 1.0, 3.60N-94.14E, h33km, mb5.3/39, MS4.6/4, Error ellipse: s-maj=10.5km s-min=5.6km az=108.2

HRVD 22 09:24:33.0z 0.5, 3.58N-93.96E, h12km, MW4.9/48, Centroid moment Tensor Solution. LP body waves: s12,c13; Mantle waves: s48,c85; Hall duration: 0 Moment tensor: Scale 10^19Nm; Mrr1.78z-13; Mtt1.2z-09; Mss-1.9z-13; Mss0.6z-37; Mss1.6z-09; Mss1.2z-35; Best double couple: M2.8z-1019; NIP1.1z-20; S48z-139z-; NP2z-0; S63z-112z-; Principal axes: T2.6z, P1z5z, Azm63z; N.29z, P1z3z; Azm160z; P-2.9z, P1z10z; Azm63z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 22 09:24:33.0z 0.2, 3.60N-94.09E, h30km, mb5.0/39, MS4.4/1 Error ellipse: s-maj=6.4km s-min=4.8km az=224.0

ISC 22 09:24:30.0z 1.8, 3.59N-104.9416E, 0.04, h22km, 12km, h21km, 2.0km; p-P, n191, o891/191, mb5.0/74, MS4.7/14, 7C-3D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SNG, PALK, CM31, etc.

22d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SVE Sverdlouvs, ARU Arti, KMBO Kilima Mbogo, etc.

ISC 22 11:01:36.0-0.7, 12.15N; 125.62E, mb4.1/9, mbl 4.2/9, mb1mx4.0/20, mbmp4.1/9, MS3.6/1, Ms1 3.6/1, ms1mx2.3/29, Error ellipse: s-maj=45.0km s-min=16.4km az=67.0

NEIC 22 11:01:38.4-0.4, 12.12N; 125.60E, h10km, mb4.3/2, Error ellipse: s-maj=24.9km s-min=8.9km az=66.0

ISC 22 11:01:39.0-1.7, 12.30N; 125.89E, h0.07, h31km, n30, r190/33, mb4.2/17, MS3.5/1, 2C-1D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BESE Borongan, BESP Besp, PLP Palo, etc.

HLW 22 11:02:22.9, 31.39N; 35.40E, h10km, Mb3.9 CSEM 22 11:02:23.0, 31.41N; 35.38E, h40km, Mw3.4, Error ellipse: s-maj=4.3km s-min=1.4km az=103.0

2005 JAN

GII 22 11:02:24.5-0.1, 31.40N; 35.47E, h22km, 2km, ML3.5/12, Mw3.4/6, GII Felt III

ISC 22 11:02:27.0-4.1, 31.39N; 35.46E; 0.06, h22km, n46, r0559/54, 2C-7D, Dead Sea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MZDA Masada, DSI Dead Sea, DRGI Dragot, etc.

ISC 22 11:07:24.0-0.5, 3.54N; 94.09E, mb4.6/17, mb1 4.7/18, mb1mx4.6/21, mbmp4.6/18, ML4.3/1, MS4.3/3, Ms1 4.3/3, ms1mx3.3/24, Error ellipse: s-maj=25.7km s-min=13.1km az=47.0

BJI 22 11:07:27.9, 3.52N; 94.12E, h35km, mb5.2, mb4.9, Ms4.7, Ms2.6

MOS 22 11:07:27.1, 3.59N; 94.15E, h33km, mb5.2/25, MS4.4/5, Error ellipse: s-maj=11.9km s-min=6.6km az=104.4

HRVD 22 11:07:29.2, 1.3, 3.25N; 94.15E, h15km, 3km, MW4.7/29, Centroid moment Tensor Solution. LP body waves: s5,c5; Mantle waves: s29,c45; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr1.04±.26; Mw-0.21±.14; Mw-0.82±.17; Mo-0.04±.01; Mo-0.01±.11; Mo-0.45±.55; Best double couple: M1.21±.13; M2.133±.036; A66: M2; q=343; s66; 1.088; Principal axes: T: 1.169, P1g73; Azm299; N: 0.94, P1g15; Azm152; P: 1.264, P1g9; Azm60; nstla refers to body waves, cutoff=40s. nstla2 refers to surface waves, cutoff=50s.

NEIC 22 11:07:29.0-0.3, 3.58N; 94.16E, h30km, mb5.0/24 Error ellipse: s-maj=9.2km s-min=7.1km az=45.0

ISC 22 11:07:27.0-0.3, 3.55N; 94.15E; 0.05, h33km, (h16km, 7.1km; p-P), n147, r182/12, mb4.9/14, MS4.4/12, 4C-4D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NST Nakhon Sawan, PALK Paleleke, KKTK Khon Kaen, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like XAN Xi'an, LZH Lanzhou, LNZH Lanzhou, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMBO, KMB0, STKA, STKA, STKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR, PV10, ANMO, etc.

IDC 22 11:13:35.6: 1.3, 6.93N-94.17E, mb4, 1/7, mb1 4/3/8, mb1mx4.0/19, mbtmp4.1/8, ML4.1/1, Error ellipse: s-maj=63.0km s-min=19.4km az=54.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CM31, CMAR, HYB, etc.

NEIC 22 11:18:44.9: 0.8, 17.52S-178.86W, h600km, mb4, 1/3, Error ellipse: s-maj=51.1km s-min=9.5km az=154.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTA, STKA, WB2, etc.

IDC 22 11:24:19.2: 0.7, 8.57N-93.85E, h22km, 3km, mb3.8/1/1, mb1 4.0/12, mb1mx3.9/20, mbtmp3.9/12, ML4.5/1, Error ellipse: s-maj=34.2km s-min=13.4km az=59.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CM31, CMAR, HYB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRTR, FINES, FINES, etc.

IDC 22 11:25:02.4: 0.9, 9.43N-89.88E, mb3.9/3, mb1 4/1/4, mb1mx3.8/18, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=108.7km s-min=29.6km az=80.0, Bay of Bengal

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

IDC 22 11:27:39.3: 0.4, 31.61S-177.84W, mb4.9/17, mb1 5.0/20, mb1mx4.9/22, mbtmp4.9/20, ML4.5/3, MS5.1/13, MS1 5.1/13, ms1mx4.7/21, Error ellipse: s-maj=18.9km s-min=11.6km az=176.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Collm, Hagfors, NKC, WTTA, WATA, MOX, SOTA, GRA1, GRF, MOTA, NB2, NOA, DAVOX, DAV, LPGA, MCK, ILAR, INK, RES, YKA, YKA, YKA, SCHQ, SCHQ, SNOW, NVAR, MNV, PDAR, TMUT, MSU, SADO, PV10, ANMO, TUC, LPM, TXAR, TXAR, TXAR, JCT, JCT, LPAZ.

1310 45.0 +0.4
1310 55.4 -0.5
1311 03.0 +3.1
1310 45.4 -0.4
1310 45.9 -0.3
1310 48.3 -0.1
1310 48.3 -0.1
1310 48.1 -0.6
1310 48.1 -0.6
1310 50.0 +1.0
1310 49.6 -0.3
1310 49.6 -0.3
1310 50.5 +0.3
1310 50.5 +0.3
1310 50.5 +0.3
1310 50.5 +0.3
1310 50.1 -0.2
1310 50.1 -0.2
1310 51.5 -0.9
1310 51.5 -0.9
1310 51.7 -0.6
1310 55.4 +0.9
1310 55.0 +0.4
1311 06.2 +0.5
1311 06.2 +0.5
1311 21.2 0.0
1311 27.7 +0.4
1311 44.8 -1.0
1311 47.9 +1.1
1311 58.6 -1.0
1311 58.6 -1.0
1312 00.5 -0.6
1312 55.7 -4.5
1312 11.2 -0.7
1312 11.2 -0.8
1312 15.7 +0.7
1316 57.5
1317 21.8 -0.8
1316 57.5
1317 21.8 -0.8
1317 16.2 +0.7
1317 16.2 +0.7
1317 16.2 +0.7
1317 30.1 +1.9
1317 33.0 +1.7
1317 34.9 +2.5
1317 35.0 +2.5
1317 44.8 +1.0
1317 40.5 +2.8
1317 40.4 +1.9
1317 39.1 +0.8
1317 44.2 +3.3
1317 50.2 +1.8
1317 50.5 +1.8
1314 53.3 0.0
1317 54.6
1317 58.1 -1.5
1317 54.6 -4.9
1317 58.1 -1.5
1317 58.1 -1.5
1317 56.3
1318 02.6
1318 29.6 +2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, SONM, WRA, WRA, ASAR, ASAR, ZAL, ZAL, BVAR, BVAR, ZAL, ZAL, ARCES, ARCES, YKA, YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1, BSO1, BSO3, BSO3, JHU2, JHU2, JHU, JHU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JIM2, JIM2, KTJJ, KTJJ, KZJS, KZJS, MAJO, MAJO, MAT, MAT, MAT, MAT, ASAJ, ASAJ, SONM, SONM, ZAL, ZAL, KUR, KUR, ILAR, ILAR, CHKZ, CHKZ, WRAB, WRAB, WRA, WRA, ASAR, ASAR, YKA, YKA.

IDC 22 13:31:41.7-4.0, 10.00N:91.22E, mb3.4/3, mb1 3.5/4, mb1mx3.4/18, mbtmp3.3/4, MS3.1/1, Ms1 3.3/1, ms1mx2.9/14, Error ellipse: s-maj=107.7km s-min=29.0km az=80.0, Nicobar Islands region

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

IDC 22 13:37:59.9-1.9, 33.76N:72.58E, mb3.7/6, mb1 4.0/7, mb1mx3.7/19, mbtmp3.8/7, ML4.0/1, Error ellipse: s-maj=64.4km s-min=23.1km az=60.0, NEIC 22 13:38:00.6-1.4, 33.58N:72.33E, h10km, mb3.5/2, Error ellipse: s-maj=37.3km s-min=14.1km az=64.0, BUJ 22 13:38:00.3, 33.86N:73.14E, h10km, ML4.0, ISC 22 13:38:00.9-0.5, 33.93N:0.03-73.27E, h10km, n37, r1414/11, mb3.7/6, 1C-3D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHCP, CHCP, CHEP, CHEP, THW, THW, SARP, SARP, SARP, SARP, SBPD, SBPD, BHAK, BHAK, BHK, BHK, DDH, DDH, BHGR, BHGR, NDI, NDI, KHET, KHET, KHET, KHET, JOSI, JOSI, AYAN, AYAN, AYAN, AYAN, AYAN, AYAN, KUDL, KUDL, KUDL, KUDL, KUDL, KUDL, SONA, SONA, SONA, SONA, SONA, SONA, JASL, JASL, AJM, AJM, AJM, AJM, AGRA, AGRA, AGRA, AGRA, AAK, AAK, KOLN, KOLN, BHPL, BHPL, GKN, GKN, DMN, DMN, KKN, KKN, PKI, PKI, JIRN, JIRN, BVAR, BVAR, BVAR, BVAR, CHKZ, CHKZ, ZAL, ZAL, SONM, SONM, ARCES, ARCES, WRA, WRA, YKA, YKA, YKA, YKA.

IDC 22 13:11:22.0-1.9, 5.14N:93.37E, h28km, 6km, mb3.7/6, mb1 3.9/7, mb1mx3.6/19, mbtmp3.8/7, ML3.5/1, Error ellipse: s-maj=68.7km s-min=17.8km az=63.0, ISC 22 13:11:20.1-1.3, 5.2N:92.93E, h3.2, h28km, h28km, 3km, pP-N, r0548/7, mb3.9/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, SONM, SONM, WRA, WRA, ASAR, ASAR, ZAL, ZAL, BVAR, BVAR, ZAL, ZAL, ARCES, ARCES, YKA, YKA.

IDC 22 14:02:33.9-3.5, 22.31N:143.42E, h102km, 30km, mb3.4/7, mb1 3.7/8, mb1mx3.5/19, mbtmp3.8/8, Error ellipse: s-maj=35.5km s-min=19.2km az=98.0, ISC 22 14:02:32.8-3.2, 22.31N:143.42E, h104km, 28km, n10, r0979/9, mb3.5/7, Volcano Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, ILAR, YKA, YKA, FINES, FINES, PDAR, PDAR, PLCA, PLCA.

IDC 22 14:14:12.0-10.0, 17.67S:178.48W, h634km, 120km, mb2.9/4, mb1 3.1/4, mb1mx2.8/14, mbtmp3.9/4, Error ellipse: s-maj=121.8km s-min=48.6km az=130.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, STKA, WB2, WB2, WRA, WRA, ASAR, ASAR, ASAR, ASAR, ASPA, ASPA, ILAR, ILAR.

IDC 22 14:43:22.5-2.9, 28.03N:141.72E, mb4.0/4, mb1 4.1/4, mb1mx3.6/20, mbtmp4.0/4, Error ellipse: s-maj=154.1km s-min=23.9km az=80.0, Bonin Islands region

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

WEL 22 14:47:05.3-0.3, 38.40S:176.05E, h144km, 2km, ML3.7/9, 10C-1D, Error ellipse: s-maj=2.1km s-min=1.9km az=0.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KATZ, KATZ, MGZ, MGZ, WTVZ, WTVZ, OTVZ, OTVZ, TWVZ, TWVZ, BKZ, BKZ, BKZ, BKZ, URZ, URZ, URZ, URZ, CNZ, CNZ, CNZ, CNZ, WNVZ, WNVZ, TUZV, TUZV, HIZ, HIZ, MOVZ, MOVZ, MWZ, MWZ, KNZ, KNZ, KNZ, KNZ, WAZ, WAZ, WAZ, WAZ, TSZ, TSZ, PWZ, PWZ, MXZ, MXZ, BFZ, BFZ, MRZ, MRZ, MIW, MIW, KIW, KIW, MRW, MRW, INWZ, INWZ, TUNZ, TUNZ, THZ, THZ, KHZ, KHZ, LTZ, LTZ, MQZ, MQZ.

NEIC 22 14:48:16.4, 32.57S:71.86W, h23km, ML3.1(GUC), After GUC

GUC 22 14:48:16.4-0.9, 32.57S:71.86W, h23km, 8km, MD3.6, ML3.1, 6C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PACH, PACH, IHA, IHA, ROCH, ROCH, PTCH, PTCH, PTCH, PTCH, LCHH, LCHH, LCHH, LCHH, PEL, PEL, RCDM, RCDM, RCDM, RCDM, TACH, TACH, TACH, TACH, CLOH, CLOH, CLOH, CLOH, FCH, FCH, FCH, FCH, PCH, PCH, PCH, PCH, CACH, CACH, CACH, CACH, LMEL, LMEL, LMEL, LMEL, CICH, CICH, TLL, TLL.

IDC 22 14:50:28.6-2.8, 13.06N:93.59E, mb3.4/3, mb1 3.5/4, mb1mx3.3/18, mbtmp3.9/15, ML3.2/1, Error ellipse: s-maj=69.2km s-min=26.4km az=89.0, Andaman Islands region

22 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Warramunga Arr, Alice Springs, etc.

WEL 22 14:54:22.3.0.4,36.64Sx177.57E,h217km,6gkm,ML3.9/1, IC, Error ellipse: s-maj=14.4km s-min=11.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, Urewera, Matawai, Black Stump Fm, Takapari Pond.

IDC 22 14:55:48.2.3.1,37.52N,102.56E,mb3.5/2,mb1 3.7/3, mb1mx3.4/19,mbtmp3.5/3,ML4.1/1, Error ellipse: s-maj=80.0km s-min=44.3km az=118.0, BUJ 22 14:55:54.2,37.60N,102.40E,h12km,ML3.6

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

ATH 22 15:03:38.7,36.64N,28.26E,h50km,3km,MD3.0/3 CSEM 22 15:03:38.7,0.1,36.65N,28.28E,h40km,MD3.2, Error ellipse: s-maj=4.1km s-min=3.2km az=72.0

ISC 22 15:03:39.1,36.70N,28.35E,h59km,MD3.2 ISC 22 15:03:38.7,0.1,36.62N,28.26E,0.0,0.5,h59km,6gkm, n17, c053/27, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dalyan (Mudla), Arkhangelos, Yerkesik, Fethiye, Milias, Kayabasi, Tasoluk, Cakirolok, Denizli, Elmalı, Karpatos, Songoing Array, Izmir, Bornova, Karahallı, Balçova, Akhisar.

IDC 22 15:18:54.5.2.5,4.79N,92.95E,mb3.7/4,mb1 3.8/5, mb1mx3.6/19,mbtmp3.7/5, Error ellipse: s-maj=83.6km s-min=28.1km az=60.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Warramunga Arr, Alice Springs, etc.

IGQ 22 15:22:10.2,3.06S,78.31W,h12km,6km,mb4.0,4-3D, Error ellipse: s-maj=20.8km s-min=5.3km az=172.3, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arrayan, Pataochoa, Igalata, Ulba, Cusua, Runtun, Juive, Pisayambo, Tambo, Cotopaxi, Nasa, Antisana, Pino, Yana, Cayra, Cotacachi.

IDC 22 15:27:55.6.2.7,4.26N,93.93E,mb3.5/3,mb1 3.7/4, mb1mx3.5/19,mbtmp3.5/4,ML3.4/1, Error ellipse: s-maj=103.6km s-min=29.5km az=59.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes station Chiang Mai Arr.

2005 JAN

Table with columns: WRA, ASAR, BVAR. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 22 15:35:17.3,19.0,6.79N,94.20E,mb3.5/2,mb1 3.9/3, mb1mx3.5/18,mbtmp3.6/3,ML4.1/1,MS3.6/1,MS1 3.6/1, ms1mx2.6/20, Error ellipse: s-maj=487.4km s-min=44.3km az=86.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Warramunga Arr, Borovoye Array, Alice Springs, etc.

IDC 22 15:45:45.5.1.1,4.38N,96.10E,mb3.8/7,mb1 4.0/8, mb1mx3.8/18,mbtmp3.8/8,ML3.9/1, Error ellipse: s-maj=65.3km s-min=17.9km az=51.0, ISC 22 15:45:48.6.1.1,4.4N,0.3,96.1E,0.3,h33km,n8, c052/8, mb3.8/7, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Warramunga Arr, Alice Springs, etc.

IDC 22 15:51:31.9.10.0,13.46N,91.91E,mb3.4/2,mb1 3.7/3, mb1mx3.4/18,mbtmp3.4/3,ML3.6/1, Error ellipse: s-maj=215.9km s-min=48.9km az=111.0, Andaman Islands region

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

IDC 22 15:51:47.1.1.4,34.21N,141.55E,mb3.5/3,mb1 3.8/3, mb1mx3.5/20,mbtmp3.5/3, Error ellipse: s-maj=55.8km s-min=22.0km az=129.0, JMA 22 15:51:50.1,0.5,34.09N,141.63E,h37km,3km,ML3.3

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

IDC 22 15:53:45.9.6.0,23.73S,174.75W,mb4.0/4,mb1 4.2/4, mb1mx3.9/15,mbtmp4.0/7, Error ellipse: s-maj=150.2km s-min=102.3km az=148.0, Tonga Islands region

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

SNSN 22 15:54:51.8,24.48N,35.34E,ML3.0 HLW 22 15:54:53.1,24.38N,36.29E,h24km,ML3.3 CSEM 22 15:54:57.3,0.2,24.62N,35.87E,h20km,ML3.0, Error ellipse: s-maj=11.2km s-min=4.7km az=1.0, ISC 22 15:54:57.4,0.7,24.71N,0.1,0.35,89E,0.4,h10km,n9, c093/11, Egypt

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Hagol, Mersa Alam, HADB, Umj Lajj, etc.

MAN 22 15:56:00.4,9.35N,126.17E,h45km,mb4.2,ML3.0,MS2.8, 1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Butuan, Surigao, Bislig, Maasin, Musuan, Palo.

GUC 22 15:59:53.1,0.6,34.35S,70.44W,h118km,2km,MD3.9, ML4.1 NEIC 22 15:59:53.1,34.35S,70.44W,h118km,mb3.9/2, MD3.9(GUC), After GUC.

ISC 22 15:59:52.8,0.3,34.36S,0.0,3,70.48W,0.07,h123km,3gkm, n35, c049/55, mb4.6/1, 12C-11D, Chile-Argentina border region

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cipreses, El Canelo, Chadas Angostu, San Fernando, Las Melosas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Jose de Ma, Pirque, Antupapu, Talagante, Longovivo, Penalolen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Santiago, Santa Lucia, Pudahuel, Colegio Aleman, Cerro Calan, Farellones, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Peldehue, Las Cruces, Talca, El Roble, Jach Jubel, Linares, Papudo, Petorca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chilean, Illapel, Zonda, Tololo Astrono, Paso Flores, Torquiste, La Paz, etc.

CASC 22 16:00:30.8.1.8,13.21N,89.60W,h48km,13km,MD4.3, ML4.6,mb4.4(NEIC) IDC 22 16:00:30.6.1.3,13.50N,88.99W,h58km,5km,mb3.7/7, mb1 4.0/7,mb1mx3.6/19,mbtmp4.0/7,MS3.2/2,MS1 3.2/2, ms1mx2.0/24, Error ellipse: s-maj=30.0km s-min=28.1km az=92.0, NEIC 22 16:00:32.1.1,13.41N,89.26W,h100km,9km,mb4.4/9, MD4.7(SNET), Error ellipse: s-maj=21.5km s-min=10.9km az=52.0, NEIC Felt (III) at San Salvador, ISC 22 16:00:30.4.0.5,13.31N,0.06,89.53W,0.05,h79km,4km, h58km,1.4km,pp-P, n52, c1915/58, mb4.2/1, 11C-8D, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Serv Nac Est T, Boqueron, LFRS, San Jose, LFU, El Retiro, Las Brisas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Robledal, Ixcapco, Bellamira, Cacacuita, Nubus, Pacaya, Conchagua, Fuego 3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Comitán, JuntasAbangare, JCR Jicaral, Puriscal, Portugero, Matias Romero, La Lucha 2, Volcan Iriza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cerro Adams, Lajitas Array, etc.

TICN Ticuantepe 2.03 105 eP P 19 01 17.4 -0.6

TICN Ticuantepe 2.03 105 eS S 19 01 40.7 -1.7

IDC 22 19:03:26.1e-0.9, 14.43N-92.10E, mb3.8/8, mb1 3.9/9, mb1mx3.7/19, mbtmp3.7/9, ML3.3/1, Error ellipse: s-maj=38.6km s-min=17.8km az=53.0

ISC 22 19:03:28.6e-0.9, 14.7N, 0.1x-92.1E, 0.1, h33km, n15, r165/10, mb3.8/8, Andaman Islands region

Code Station Name Az Phase ID Time Res

CMAR Chiang Mai Arr 7.53 59 Pn 19 05 19.1 +0.1

CMAR Chiang Mai Arr 7.53 59 Pn 19 06 36.9 -7.3

JIRN Jiri 14.03 338 eP P 19 06 47.2 -0.1

PKI Pulchoki 14.26 335 eP P 19 06 48.5 -1.8

DMN Daman 14.41 334 eP P 19 06 50.4 -2.0

KKN Kakani 14.50 335 eP P 19 06 51.3 -2.2

GKN Gorkha 14.96 333 eP P 19 06 58.3 -1.2

KOLN Koldada 15.24 330 eP P 19 07 04.5 +1.4

SONM Songoing Array 35.10 17 P P 19 10 24.1 +3.3

ZAL Zalesovo 39.58 353 P P 19 11 00.6 +2.3

BVAR Borovoye Array 41.94 340 P P 19 11 19.4 +1.6

WRA Warrungarra Arr 53.93 129 P P 19 12 50.3 -1.3

WRA Warrungarra Arr 53.93 129 P P 19 12 56.8 +0.1

ASAR Alice Springs 55.87 132 P P 19 13 04.7 -1.0

ASAR Alice Springs 55.87 132 P P 19 13 04.7 +0.5

BRTR Keskin Array B 56.59 308 P P 19 13 10.8 +0.7

FINES FINESS Array B 65.81 331 P P 19 14 15.3 +2.8

GERES GERES Array B 71.49 317 P P 19 14 51.1 +3.2

IDC 22 19:10:24.7e-2.9, 43.38N-105.15W, mb3.8/1, mb1 3.5/3, mb1mx3.2/18, mbtmp3.2/3, ML3.7/2, Error ellipse: s-maj=69.2km s-min=13.6km az=157.0

NEIC 22 19:10:30.1e-0.7, 43.60N-105.32W, ML3.0, Error ellipse: s-maj=9.4km s-min=6.1km az=89.0, Suspected Mining explosion.

NEIC 80 km [50 miles] S of Gillette. ISC 22 19:10:29.0e-0.9, 43.57N, 0.05x-105.4W, 0.1, n25, r08/25, mb4.0/1, Wyoming

Code Station Name Az Phase ID Time Res

PHWY Pilot Hill 2.27 182 Op Pn 19 11 09.6 +1.3

LAO LASA Array 3.18 349 ePn Pn 19 11 21.5 +0.3

BW06 Boulder Array 3.18 257 ePn Pn 19 11 20.8 +0.5

PDAR Pinedale Array 3.18 257 Pn Pn 19 11 21.3 0.0

PDAR Pinedale Array 3.18 257 Pn Pn 19 11 21.3 0.0

PDAR Pinedale Array 3.18 257 Pn Pn 19 12 06.5

ISCO Idaho Springs 3.77 183 ePn Pn 19 11 30.4 +0.8

LKWY Lake 3.77 287 ePn Pn 19 11 29.8 +0.1

LOHW Long Hollow 3.82 272 ePn Pn 19 11 31.0 +0.7

WUWY Wally Ulrich 3.92 271 ePn Pn 19 11 34.0 +2.2

SNOW Snow King Moun 3.94 270 ePn Pn 19 11 32.2 +0.3

VFT Old Faithful 4.06 284 ePn Pn 19 11 33.8 +0.1

YMR Madison River 4.19 287 Pn Pn 19 11 35.8 +0.1

AHID Auburn Hatcher 4.29 261 Pn Pn 19 11 46.1 +9.2

QLMT Earthquake Lak 4.55 288 ePn Pn 19 11 49.6 +8.9

QLMT Earthquake Lak 4.55 288 ePn Pn 19 11 50.1

DGMT Dagmar 4.96 9 Pn Pn 19 11 45.8 -0.8

HWUT Hardware Ranch 4.99 249 ePn Pn 19 11 47.0 0.0

TCUT Toone Canyon 5.12 243 ePn Pn 19 11 47.2 -1.5

DAU Daniels Canyon 5.42 236 ePn Pn 19 11 52.9 0.0

RW3 Ridgway 5.60 199 Pn Pn 19 12 00.2 +4.6

SDCO Great Sand Dun 5.82 181 ePn Pn 19 11 58.4 -0.2

SRI San Rafael 5.92 222 ePn Pn 19 11 59.5 +0.6

PV01 Paradox Array 5.96 205 Pn Pn 19 12 00.4 -0.2

TMUT Trail Mountain 6.13 228 ePn Pn 19 12 01.4 -1.7

YKA Yellowstone Ar 19.72 347 P P 19 14 58.6 -4.0

ARCES ARCES Array B 61.59 18 P P 19 20 43.8 -6.1

IDC 22 19:15:20.8e-4.1, 0.148N-92.65E, mb3.6/2, mb1 3.6/3, mb1mx3.3/18, mbtmp3.3/3, Error ellipse: s-maj=873.5km s-min=51.2km az=113.0, Andaman Islands region

Code Station Name Az Phase ID Time Res

CMAR Chiang Mai Arr 7.45 53 Pn 19 17 11.0 -2.4

CMAR Chiang Mai Arr 7.45 53 Pn 19 18 26.5 -1.3

WRA Warrungarra Arr 53.15 129 P P 19 24 40.5 -2.5

ASAR Alice Springs 55.08 132 P P 19 24 50.0 -2.1

IDC 22 19:28:19.4e-1.2, 4.06N-93.85E, mb3.9/8, mb1 4.0/9, mb1mx3.8/19, mbtmp3.8/9, ML3.7/1, Error ellipse: s-maj=55.3km s-min=20.1km az=53.0

ISC 22 19:28:22.8e-1.0, 4.11N, 0.1x-94.0E, 0.2, h33km, n9, r06/43/9, mb3.8/8, Off west coast of northern Sumatra

Code Station Name Az Phase ID Time Res

CMAR Chiang Mai Arr 15.05 18 Op Pn 19 31 55.0 +0.1

SONM Songoing Array 44.84 12 P P 19 36 35.6 0.0

WRA Warrungarra Arr 46.12 123 P P 19 36 47.8 0.0

ASAR Alice Springs 47.72 127 P P 19 36 58.8 0.0

ZAL Zalesovo 50.22 353 P P 19 37 18.2 +0.6

BVAR Borovoye Array 52.47 342 P P 19 37 34.0 -0.6

FINES FINESS Array B 74.93 333 P P 19 40 07.4 -0.4

ARCES ARCES Array B 78.72 341 P P 19 40 22.8 -0.4

GERES GERES Array B 80.50 319 P P 19 40 34.0 +0.8

JMA 22 19:37:01.3e-0.4, 34.11N-141.74E, h27km, 4km, M3.2

IDC 22 19:37:04.9e-3.5, 34.70N-139.65E, h42km, 29km, mb3.4/4, mb1 3.6/5, mb1mx3.3/22, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=85.0km s-min=13.7km az=97.0

ISC 22 19:37:02.1e-1.5, 34.07N, 0.08x-141.63E, 0.1, h25km, 10km, n13, r05/91/18, mb3.6/4, Off east coast of Honshu

Code Station Name Az Phase ID Time Res

BSO1 Boso 1 0.79 318 P P 19 37 16.8 -0.4

BSO1 Boso 1 0.79 318 P P 19 37 28.2 +0.7

BSO2 Boso 2 0.99 314 eS S 19 37 33.5 +0.3

BSO3 Boso 3 1.18 309 P P 19 37 32.5 +0.3

BSO3 Boso 3 1.18 309 P P 19 37 39.3 +0.8

BSO4 Boso 4 1.45 311 Pn Pn 19 37 27.1 +0.6

CHQJ Chosi 1.71 339 P P 19 37 30.8 -0.8

JHJ Hachijo jima 2 1.81 329 P P 19 37 29.8 -2.4

JHJ Hachijo jima 2 1.81 329 P P 19 37 49.8 -4.7

JOD2 Odawa 2 2.41 300 P P 19 37 40.8 0.0

JOD2 Odawa 2 2.41 300 P P 19 38 10.0 +0.2

MAT Matsushiro 3.73 312 P P 19 37 59.3 -0.3

MAT Matsushiro 3.73 312 P P 19 38 42.1 -1.1

ASAJ Asahikawa 10.06 4 P P 19 39 22.4 -5.8

ILAR Inari Array 51.92 31 P P 19 46 09.4 -1.1

WRA Warrungarra Arr 54.15 188 P P 19 46 28.8 +1.2

INK Inuvik 56.96 26 P P 19 46 47.5 +0.2

ASAR Alice Springs 57.88 188 P P 19 46 55.8 +1.3

IDC 22 19:45:40.3e-1.6, 5.46N-94.44E, mb4.0/8, mb1 4.1/9, mb1mx3.9/19, mbtmp3.9/9, ML4.2/1, MS2.8/1, Mst 3.0/1, ms1mx2.4/28, Error ellipse: s-maj=80.4km s-min=17.6km az=57.0

NEIC 22 19:45:44.1e-0.7, 5.18N-94.12E, h30km, mb4.1/2, Error ellipse: s-maj=27.2km s-min=9.0km az=62.0

ISC 22 19:45:42.0e-0.9, 5.21N, 0.1x-94.2E, 0.2, h30km, n15, r083/15, mb4.0/10, Northern Sumatra

Code Station Name Az Phase ID Time Res

CMAR Chiang Mai Arr 13.98 19 Pn 19 49 10.8 +1.0

CMAR Chiang Mai Arr 13.98 19 Pn 19 53 37.1

AAK Ala-Archa 41.16 338 eP P 19 53 27.2 +1.6

SONM Songoing Array 43.76 12 P P 19 53 44.6 -2.2

WRA Warrungarra Arr 46.74 124 P P 19 54 10.8 -0.1

WB2 Warrungarra Arr 46.75 124 eP P 19 54 10.9 -0.1

ASAP Alice Springs 48.23 128 eP P 19 54 22.9 +0.4

ASAR Alice Springs 48.23 128 P P 19 54 22.8 +0.2

ZAL Zalesovo 49.19 353 P P 19 54 28.9 -0.6

ZAL Zalesovo 49.19 353 P P 19 54 28.9 -0.6

BVAR Borovoye Array 51.52 342 P P 19 54 46.4 -0.9

CHKZ Chkalovo 52.01 342 eP P 19 54 50.9 -0.2

STKA Stephens Creek 58.28 133 P P 19 55 36.6 -0.1

FINES FINESS Array B 57.07 333 P P 19 57 23.0 +0.2

ARCES ARCES Array B 77.37 340 P P 19 57 38.2 +0.4

ARCES ARCES Array B 77.37 340 P P 19 57 38.2 +0.4

IGQ 22 19:50:32.4e-0.7, 9N-80.69W, h12km, 24km, mb4.5, Error ellipse: s-maj=25.7km s-min=7.1km az=48.0

IDC 22 19:50:36.2e-1.3, 1.07N-79.62W, mb3.5/4, mb1 3.9/4, mb1mx3.5/17, mbtmp3.6/4, Error ellipse: s-maj=119.3km

ISC 22 19:50:34.7e-0.2, 0.7N, 0.1x-80.67W, 0.07, h7km, 15km, n18, r084/22, mb3.6/3, SC-1D, Near coast of Ecuador

Code Station Name Az Phase ID Time Res

HOJA Cerro de Hojas 1.78 176 P P 19 51 06.9 +0.2

PIHO Pingo 2.28 113 P P 19 51 11.7 -1.1

TERV Tereza Guagua 2.25 114 P P 19 51 17.8 -1.2

YANA Yana 2.25 112 P P 19 51 12.0 -1.0

YANA Yana 2.25 112 P P 19 51 39.9 -1.6

JUA2 San Juan 2 2.27 110 P P 19 51 12.1 -1.1

COTA Cotacachi 2.36 100 P P 19 51 14.3 -0.2

MAST Masta 2.58 122 P P 19 51 17.5 -0.1

VC1 Cotopaxi 1 2.65 121 P P 19 51 18.7 +0.1

TAMB Tampo 2.70 122 P P 19 51 20.0 +0.6

CAYR Refugio Cayamb 2.76 105 P P 19 51 21.0 +0.9

CAYR Refugio Cayamb 2.76 105 P P 19 51 54.5 +0.4

CAYA Cayambe 2.77 114 P P 19 51 20.9 +0.8

CAYA Cayambe 2.77 114 P P 19 51 45.5 +0.4

ANTI Antisana 2.76 105 P P 19 51 20.6 +0.3

ANTI Antisana 2.76 105 P P 19 51 55.1 +0.7

PISA Pisayambo 2.90 128 P P 19 51 22.5 +0.4

CONE Cono NE Rev V 3.13 105 P P 19 51 27.2 +1.8

LPZAL La Paz 20.96 144 P P 19 55 20.1 -0.8

PLCA Paso Flores 42.29 169 P P 19 58 31.5 +0.8

NVAR Mina Array B 50.96 322 P P 19 59 43.9 +4.8

YKA Yellowstone Ar 66.34 340 P P 20 01 27.8 -0.4

IDC 22 19:50:53.6e-2.9, 31.88S-177.88W, mb3.5/2, mb1 3.7/3, mb1mx3.5/15, mbtmp3.5/3, ML2.8/1, Error ellipse: s-maj=69.2km s-min=35.5km az=117.0, Kermadec Islands region

Code Station Name Az Phase ID Time Res

URZ Urewera 7.58 211 Pn Pn 19 52 44.2 -3.7

URZ Urewera 7.58 211 Pn Pn 19 54 12.4 -3.2

ASAR Alice Springs 43.15 288 P P 19 58 55.7 -2.0

WRA Warrungarra Arr 44.27 274 P P 19 59 05.7 -1.1

FINES FINESS Array B 146.56 339 PKPbc PKPbc 20 10 35.3 -0.6

BUI 22 19:53:29.6, 33.97N-25.78E, h41km, mB5.0, mb4.6, Ms4.7, ML3.5

ATH 22 19:53:30.3, 34.14N-26.07E, h27km, 9km, MD3.9/14

NEIC 22 19:53:30.3, 34.14N-26.07E, h27km, mb4.3/23, MD3.9/14, After ATH

CSEM 22 19:53:31.0, 0.0, 34.15N-26.34E, h60km, mb4.1/9, Error ellipse: s-maj=2.0km s-min=1.0km az=53.0

HLW 22 19:53:33.5, 34.08N-26.28E, h25km, Mb4.0

IDC 22 19:53:37.2e-3.6, 34.53N-26.17E, h60km, 18km, mb3.8/12, mb1 3.9/17, mb1mx3.8/22, mbtmp4.0/17, Error ellipse: s-maj=31.0km s-min=14.0km az=177.0

ISC 22 19:53:50.0e-3.0, 34.11N, 0.02x-26.21E, 0.03, h37km, 4km, n167, r151/182, mb4.3/34, SC-1D, Crete

Code Station Name Az Phase ID Time Res

NPS Neapolis 1.26 337 ePn P 19 53 52.6 +0.8

IDI Idania 1.60 318 P P 19 53 59.3 +3.1

IDI Idania 1.60 318 P P 19 54 20.3 +3.7

KARP Karpathos 1.64 28 ePn P 19 53 58.8 +2.5

KARP Karpathos 1.64 28 ePn P 19 54 21.4 +4.0

GVD Gavdos 1.90 293 ePn P 19 54 02.3 +1.3

GVD Gavdos 1.90 293 ePn P 19 54 25.9 +2.2

VAM Vamos 2.10 309 ePn P 19 54 06.0 +2.0

SANT Santorini 2.34 345 ePn P 19 54 07.1 -0.2

SANT Santorini 2.34 345 ePn P 19 54 07.1 -0.3

ARG Arkhangelos 2.63 36 ePn P 19 54 14.5 +3.1

SLUM Slioufni 2.74 116 P P 19 54 15.3 +2.1

APE Apeiranthos 3.01 350 Pn P 19 54 16.2 +0.7

APE Apeiranthos 3.01 350 Pn P 19 54 17.4 +0.5

APE Apeiranthos 3.01 350 Pn P

Table with columns for call sign, name, frequency, power, and status. Includes stations like INK, WVOR, PFO, WTV, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like BOZ, QMHT, AHID, SRU, YKA, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like SNA, SNA, SNA, SNA, etc.

CLL	ePKS	PKS	20 52 41.0	-15	MOTA	Moosalm	132.27 331	PKP	20 49 29.4	+1.8	MELF	Melles	140.37 335	PKP	20 49 40.2	+2.4	
CLL	ePPP	PPP	20 54 24.0	+7.8	BBSR	BB Station	132.28 53	FFAKE	20 49 40.0	+1.2	EPF	Esparros	140.41 336	ePKIKP	20 49 32.7	-1.0	
CLL	ePS	PS	21 01 30.0	-3.8	BBSR	comp-Z,10um,21.0s,MS6.5		LR				LABF	Labassere	140.50 336	PKP	20 49 41.7	-1.2
CLL	ePPS	PPS	21 03 04.0	-5.5	RUP	Ruppelstein	132.28 336	ePKIKP	20 49 29.9	+2.4	ENF	Enns	140.59 336	PKP	20 49 42.1	-0.8	
CLL	eSS	SS	21 03 06.0	-5.7	RUP	Ruppelstein	132.28 336	ePKIKP	20 49 29.7	+2.2	VEF	View	140.66 336	PKP	20 49 42.2	-1.0	
CLL	eSSS	SSS	21 13 48.0	+1.9	SQT	Sankt Quirin	132.31 331	PKP	20 49 29.6	+1.9	REYF	Montagne du Re	140.67 337	PKP	20 49 42.1	-1.1	
ZST	e	e	20 49 22.8	+2.0	LBG	Lerchenberg	132.35 334	ePKP	20 49 29.4	+1.7	EBIE	Bielsa	140.77 336	PKP	20 49 42.0	-1.4	
ZST	e	e	20 49 20.7		UBR	Ueberruh	132.50 332	ePKP	20 49 29.7	+1.7	EMIR	Miracle	140.82 334	PKP	20 49 42.2	-1.3	
ZST	e	e	20 49 20.7		LANF	Langenberg	132.53 335	ePKP	20 49 30.4	+2.4	ETSF	Etsaut	140.88 337	ePKIKP	20 49 34.4	-9.1	
ZST	e	e	20 49 22.0	+2.0	Gutenstein	Gutenstein	132.66 333	ePKP	20 49 29.7	+1.4	FDFA	Les Forges d'A	140.95 337	PKP	20 49 43.6	-0.1	
ZST	e	e	20 49 40.2		WLF	Walferdange	132.67 337	ePKIKP	20 49 30.2	+1.9	SJPF	Ste Jean	140.95 337	ePKIKP	20 49 32.9	-1.1	
ZST	e	e	20 51 32.2	+0.6	WLF	Walferdange	132.67 337	ePKIKP	20 49 17.2		comp-Z,9.9nm,1.2s						
ZST	e	e	20 51 32.0	+1.3	DMUB	Kingscourt	132.72 349	ePKP	20 49 30.3	+2.0	EALK	Alkurruntz	140.97 336	PKP	20 49 40.3	-3.4	
ZST	e	e	20 51 19.6		GUT	Spaichingen	132.78 333	ePKP	20 49 31.0	+2.7	EPOS	Polet	141.47 334	PKP	20 49 41.3	-3.3	
ZST	e	e	20 49 22.0	+1.0	GIVF	Givet	132.82 338	ePKIKP	20 49 29.9	+1.4	ELAN	Landenostosa	141.65 340	PKP	20 49 42.0	-2.9	
ZST	e	e	20 49 20.0	-0.4	DAVA	Damuels	132.89 332	ePKP	20 49 25.5	-3.3	ESAC	San Casprasio	141.83 336	PKP	20 49 44.6	-0.6	
ZST	e	e	20 51 30.1	-2.1	BAIF	Baives	133.09 338	ePKIKP	20 49 17.6	-1.1	ERTA	Horta de San J	142.13 334	ePKP	20 49 43.9	-1.8	
ZST	e	e	20 51 27.8		WLS	Welschbruch	133.16 335	PKP	20 49 30.9	+1.6	EBR	Euro Roquetes	142.16 334	ePKPDF	20 49 45.0	-0.8	
ZST	e	e	20 51 27.8		CDP	Champ du Feu	133.20 335	ePKIKP	20 49 17.5	-1.2	EARI	Arriondas	142.16 342	PKP	20 49 44.2	-1.5	
ZST	e	e	20 46 00.0		DLF	Lyons Farm	133.22 349	PKP	20 49 33.4	+4.2	EMOS	Pontenova	142.71 344	PKP	20 49 44.5	-2.1	
ZST	e	e	20 49 23.4	+1.1	DAVOX	Davos	133.26 332	PKP	20 49 31.2	+1.7	EPON	Mosqueruela	142.96 334	PKP	20 49 46.4	-0.8	
ZST	e	e	20 49 23.4	+1.1	DAVOX	comp-Z,72nm,1.2s,baz=43,slow=4.0,SNR=9.5		PP	20 51 59.1	-1.4	EIBI	Ibiza	143.21 331	PKP	20 49 48.5	+0.9	
ZST	e	e	20 49 23.4	+1.1	DAVOX	comp-Z,9.9nm,1.0s,baz=351,slow=13,SNR=2.0		SKPbc	20 53 01.3		EINC	Incio	143.38 344	PKP	20 49 47.4	-0.4	
ZST	e	e	20 49 23.4	+1.1	DAVOX	comp-Z,28nm,1.1s,baz=18,slow=8.1,SNR=5.0		SKPbc	21 02 16.6		EST	Santiago	143.49 345	PKIKP	20 49 48.1	+0.1	
ZST	e	e	20 49 23.4	+1.1	DAVOX	comp-Z,7.4nm,1.0s,baz=335,slow=3.6,SNR=4.4		SKPbc			SCAL	Calabor	143.87 347	PKP	20 49 47.8	-0.7	
ZST	e	e	20 49 23.4	+1.1	LIBD	Limburg	133.26 334	ePKP	20 49 31.6	+2.1	PBRG	Braganca	143.99 342	ePKP	20 49 47.5	-1.4	
ZST	e	e	20 49 23.4	+1.1	KIZP	Kirchzarten	133.27 334	ePKP	20 49 31.1	+1.6	BAO	Guadarrama	144.18 339	PKIKP	20 49 49.3	0.0	
ZST	e	e	20 49 23.4	+1.1	FELD	Feldberg	133.30 341	ePKP	20 49 31.2	+1.7	GENA	Genaranda	144.20 332	PKP	20 49 49.5	+0.3	
ZST	e	e	20 49 23.4	+1.1	ECN	Croghan	133.32 349	PKP	20 49 33.8	+4.4	EZAM	Zamans	144.22 345	PKIKP	20 49 48.9	-0.4	
ZST	e	e	20 49 23.4	+1.1	DCH	Echery	133.40 335	PKP	20 49 31.9	+2.2	ELOB	Lobios	144.31 344	PKP	20 49 49.4	0.0	
ZST	e	e	20 49 23.4	+1.1	MOF	Molkenrain	133.69 334	PKP	20 49 32.1	+1.8	PVRL	Vila Real	144.77 343	ePKP	20 49 51.3	+1.0	
ZST	e	e	20 49 23.4	+1.1	BBS	Basel-Blauen	133.83 334	PKP	20 49 32.2	+1.7	ESDC	Seneca Array	144.96 338	ePKPbc	20 49 51.8	+0.9	
ZST	e	e	20 49 23.4	+1.1	BBS	Hinterriedel	133.83 334	ePKP	20 49 31.8	+1.3	ESDC	comp-Z,3.7nm,0.8s,baz=37,slow=7.9,SNR=3.4		PP	21 03 32.8		
ZST	e	e	20 51 04.1	+3.4	THEF	They Montfort	133.88 336	PKP	20 49 32.3	+1.7	ESDC	comp-Z,6.8nm,1.1s,baz=220,slow=3.1,SNR=5.7		SKPbc			
ZST	e	e	21 02 24.0		HAU	Haudompre	133.90 335	ePKIKP	20 49 32.0	-1.2	ESDC	Seneca Array	144.96 338	ePKP	20 49 51.6	+0.9	
ZST	e	e	20 49 24.1	+1.4	MEZF	Maizieres J'vi	134.03 336	ePKIKP	20 49 19.8	-1.1	ESLA	Seneca Array	144.96 338	ePKP	20 49 51.3	+0.6	
ZST	e	e	20 49 24.8	+2.3	LOMF	Lomont	134.21 334	PKP	20 49 31.4	+0.1	EVAI	Vianos	145.26 335	PKIKP	20 49 53.0	+1.8	
ZST	e	e	20 51 37.7		TIP	Timpagrande	134.25 319	ePKP	20 49 33.1	+1.5	PVIS	Pvis	145.34 343	ePKP	20 49 52.9	+1.3	
ZST	e	e	21 01 38.0		CII	Carovigiani	134.29 323	ePKP	20 49 32.9	+1.3	EMUR	La Murta	145.37 333	PKP	20 49 52.4	+0.9	
ZST	e	e	21 08 59.0	+3.8	AQU	L'Aquila	134.43 325	ePKP	20 49 34.1	+2.3	CART	Cartagena	145.47 332	ePKP	20 49 52.0	+0.4	
ZST	e	e	20 49 24.8	+2.3	SJG	San Juan	134.44 72	PKP	20 49 34.7	+2.3	MTE	Mateigas	145.52 342	ePKP	20 49 53.2	+1.6	
ZST	e	e	20 49 24.5	+1.5	SJG	comp-Z,128nm,1.1s,baz=286,slow=5.8,SNR=15		PP	20 52 04.2	-5.0	MTE	Piza	145.52 342	ePKP	20 53 12.2	-3.9	
ZST	e	e	20 49 24.5	+1.5	SJG	comp-Z,30nm,0.9s,baz=283,slow=4.7,SNR=3.5		SKPbc	20 50 08.2	-5.0	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 51 31.0	-7.4	SJG	comp-Z,41nm,1.0s,baz=76,slow=23,SNR=6.6		SKPbc	20 53 08.2	-5.0	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 52 49.0	-9.4	SJG	San Juan	134.44 72	PKP	20 49 34.7	+2.3	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.1	-0.1	TRIS	Tristan da Cun	134.73 189	FFAKE	20 52 04.2	-5.0	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 24.8	+1.9	TRIS	TRIS		LR	20 49 50.0	+1.7	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 46 30.0	-0.6	GRAM	GRAM	134.80 329	P	20 49 26.5	-6.1	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 25.3	+2.3	VALM	Valm	134.81 329	P	20 49 26.6	-6.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 25.3	+2.3	SARO	Sassarosso	134.85 329	P	20 49 26.2	-6.3	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 24.2	+0.8	VLC	Villacollemand	134.87 329	ePKP	20 49 26.3	-6.3	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 24.3	+1.7	COPI	Copine	134.98 329	P	20 49 26.5	-6.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 51 31.6	-7.9	ORX	Oropa	135.00 332	PKIKP	20 49 27.2	-5.5	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 16.9		OGY	Vacheresse	135.06 333	PKP	20 49 36.8	+0.8	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 25.5	+2.3	CABF	La Chapelle	135.10 334	ePKIKP	20 49 36.8	+0.8	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 59 30.1	+1.1	TRAV	Traves	135.19 332	P	20 49 27.3	-5.7	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.1	-0.1	LSD	Ceresole Reale	135.51 332	PKHKP	20 49 27.0		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	PCP	Pian Castagno	135.53 330	PKHKP	20 49 26.2		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	RSL	Roseland	135.53 333	PKP	20 49 36.8	+3.0	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	LPL	La Plagne	135.66 333	ePKIKP	20 49 22.0	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	LPG	La Plagne	135.66 333	ePKIKP	20 49 22.1	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	RSP	Reno Superiore	135.69 332	PKHKP	20 49 26.6		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	FLN	La Foliniere	135.80 341	ePKIKP	20 49 21.6	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	FLN	comp-Z,156nm,1.2s		eR	20 49 22.1	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	SSF	Saint Sault	135.81 336	ePKIKP	20 49 22.0	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	LDL	La Druiette	135.84 341	ePKIKP	20 49 21.8	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	SDP	Saint Sault	135.84 341	ePKIKP	20 49 21.8	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	FENE	Fenestrelle	135.88 332	P	20 49 25.6	-8.7	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	FIN	Finale Ligure	135.94 330	PKHKP	20 49 24.5		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 23.0	-0.1	HYF	Hymbligny	135.98 337	ePKIKP	20 49 22.7	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 52 50.3		SMF	Signal de Mont	136.02 336	ePKIKP	20 49 22.2	-1.2	MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 46 22.6	+8.4	BNI	Bardonecchia	136.04 332	ePKIKP	20 49 26.5		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 49 26.2	+2.0	ROB	Roburent	136.04 331	PKHKP	20 49 36.9		MTE	Mateigas	145.52 342	ePKP	21 12 02.2	-0.3	
ZST	e	e	20 51 36.7	+7.2	RRL	Rosetta Torines	136.05 332	PKHKP	20 49 25.6		MTE	Mateigas	145.52 342				

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JUIV Juive, ARRY Arrayan, RETU Refugio, etc.

IGQ 22:23:23.9, 0.995, 81.39W, h12km, 8km, mb4.4, 2C-5D, Error ellipse: s-maj=10.2km s-min=6.2km az=160.0, Off coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Igualeza, JU2A San Juan 2, etc.

OTT 22:33:45.5, 0.3, 78.44N, 109.36W, h18km, ML3.3/2, Gustaf-Lougheed Arch Seismic Zone, 135km West from Isachsen, Nu, Queen Elizabeth Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EUNU Eureka, RES Resolute Bay, IGL Iglood, etc.

IDC 22:54:20.2, 5.2, 52.63N, 179.23W, h23km, 36km, mb2.9/5, mb1.3/6, mb1mx3.0/22, mbtmp3/5.6, Error ellipse: s-maj=48.6km s-min=29.0km az=2.0, Andreanof Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FX1 Attu Island-F, ILAR Eielson Array, INK Inuvik, etc.

JMA 22:22:55:23.9, 0.4, 23.12N, 121.35E, h3km, M3.7, TAP 22:22:55:24.9, 0.3, 23.34N, 121.15E, h4km, ML4.2, TAP Felt III J at Yuli, III J at Lidau, III J at Hungye, I J at Chunggung, I J at Alishan, J I at Tauyuan, I J at Dapu, II J at Shilin, I J at Huanhsuan, NEIC 22:25:29.7, 0.6, 23.23N, 121.73E, h3km, mb4.0/2, ML4.3(TAP), Error ellipse: s-maj=13.6km s-min=12.0km az=88.0

NEIC Recorded [3 TAP] in Hua-lien and T'ai-lung; [1 TAP] in Chia-i and Kao-hsiung Counties. IDC 22:22:55:31.1, 4.5, 23.34N, 121.79E, h51km, 45km, mb3.4/7, mb1.3/6/8, mb1mx3.4/20, mbtmp3/8/8, ML3.7/1, Error ellipse: s-maj=53.7km s-min=17.2km az=63.0

ISC 22:22:55:25.0, 0.3, 23.29N, 0.0, 121.23E, 0.0, 0.2, h5km, 2km, n80, r103/132, mb3.7/9, 7C-13D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TW1 Yuli, TW1F Lidau, ELDTW Lidau, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHY Hwalien, HWA Hwaling, WNT Mingjian, etc.

IGQ 22:23:23.9, 0.995, 81.39W, h12km, 8km, mb4.4, 2C-5D, Error ellipse: s-maj=10.2km s-min=6.2km az=160.0, Off coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Igualeza, JU2A San Juan 2, etc.

OTT 22:33:45.5, 0.3, 78.44N, 109.36W, h18km, ML3.3/2, Gustaf-Lougheed Arch Seismic Zone, 135km West from Isachsen, Nu, Queen Elizabeth Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EUNU Eureka, RES Resolute Bay, IGL Iglood, etc.

IDC 22:54:20.2, 5.2, 52.63N, 179.23W, h23km, 36km, mb2.9/5, mb1.3/6, mb1mx3.0/22, mbtmp3/5.6, Error ellipse: s-maj=48.6km s-min=29.0km az=2.0, Andreanof Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FX1 Attu Island-F, ILAR Eielson Array, INK Inuvik, etc.

JMA 22:22:55:23.9, 0.4, 23.12N, 121.35E, h3km, M3.7, TAP 22:22:55:24.9, 0.3, 23.34N, 121.15E, h4km, ML4.2, TAP Felt III J at Yuli, III J at Lidau, III J at Hungye, I J at Chunggung, I J at Alishan, J I at Tauyuan, I J at Dapu, II J at Shilin, I J at Huanhsuan, NEIC 22:25:29.7, 0.6, 23.23N, 121.73E, h3km, mb4.0/2, ML4.3(TAP), Error ellipse: s-maj=13.6km s-min=12.0km az=88.0

NEIC Recorded [3 TAP] in Hua-lien and T'ai-lung; [1 TAP] in Chia-i and Kao-hsiung Counties. IDC 22:22:55:31.1, 4.5, 23.34N, 121.79E, h51km, 45km, mb3.4/7, mb1.3/6/8, mb1mx3.4/20, mbtmp3/8/8, ML3.7/1, Error ellipse: s-maj=53.7km s-min=17.2km az=63.0

ISC 22:22:55:25.0, 0.3, 23.29N, 0.0, 121.23E, 0.0, 0.2, h5km, 2km, n80, r103/132, mb3.7/9, 7C-13D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TW1 Yuli, TW1F Lidau, ELDTW Lidau, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like eastern Honshu, OFUJ Ofunato, OFUJ Ouri, etc.

IDC 22:23:29:42.8, 3.7, 2.91N, 93.90E, mb3.7/3, mb1.4/0.4, mb1mx3.6/18, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=12.61km s-min=30.4km az=64.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, SONM Songoing Array, etc.

IDC 22:23:04:59.4, 9.44N, 93.17E, mb3.9/3, mb1.4/1.4, mb1mx3.6/18, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=22.1km s-min=53.9km az=143.0, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, FINES Finess Array B, etc.

NIED 22:23:41:00, 42.60N, 143.00E, h119km, Mw4.6 Best double couple: M7.74x10^15 Np1φ263°, δ78°, λ-85°. NP2φ59°, MOS 22:23:41:42.3, 0.9, 42.59N, 142.91E, h104km, mb4.8/5.6, Error ellipse: s-maj=8.1km s-min=4.8km az=98.1, BUJ 22:23:41:43.1, 4.2, 42.72N, 142.96E, h117km, mb5.3, mb4.9, SKHL 22:23:41:44.2, 0.9, 42.77N, 142.59E, h68km, 10km, mb5.0/12, msh5.2/2

NEIC 22:23:41:44.9, 0.6, 42.59N, 142.88E, h114km, 5km, mb4.7/8.7, MW4.6(NIED), Error ellipse: s-maj=4.3km s-min=3.5km az=137.0

NEIC Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in the Chitose area and in eastern Hokkaido. Also recorded [2 JMA] in Amomori and [1 JMA] in Iwate Prefecture: Honshu, IDC 22:23:41:44.9, 0.5, 42.61N, 142.87E, h112km, km, mb4.4/2/3, mb1.4/5/2.5, mb1mx4.5/2.6, mbtmp4.8/2.5, Error ellipse: s-maj=12.4km s-min=7.0km az=85.0

JMA 22:23:41:45.0, 0.1, 42.63N, 142.97E, h106km, 1km, M4.5 Broadband fault plane solution: P waves. NP1φ281°, δ133°, λ-102°. NP2φ273°, δ77°, λ-87°. Principal axes: T P1g32°, Azm17°, N P1g3°, Azm93°; P P1g58°, Azm187°; JMA Felt II, J, IDC 22:23:41:43.5, 0.2, 42.58N, 0.0, 142.91E, 0.0, 0.3, h116km, 1km, h106km, 1.6km, mP-P, n323, c0.99/330, mb4.7/11.8, 35C-18D, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNBK Urakawa-nobuka, JCH Churui, JBT2 Biratori 2, etc.

IDC 22:22:58:22.8, 8.2, 6.07S, 146.70E, h97km, 52km, mb3.3/2, mb1.3/6/5, mb1mx3.4/14, mbtmp3.9/5, Error ellipse: s-maj=86.5km s-min=54.9km az=55.0, Eastern New Guinea region

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

IDC 22:22:09:9.6, 8, 14.80S, 174.15W, mb4.2/3, mb1.4/5/3, mb1mx3.9/14, mbtmp4.2/3, Error ellipse: s-maj=317.1km s-min=33.3km az=140.0, Samoa Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

JMA 22:23:24:36.4, 38.64N, 141.92E, h10km, 1km, M4.1 Broadband fault plane solution: P waves. NP1φ183°, δ47°, λ15°. NP2φ83°, δ79°, λ136°. Principal axes: T P1g38°, Azm33°; N P1g45°, Azm252°; P P1g21°, Azm140°; JMA Felt I, J, IDC 22:23:24:36.0, 1.1, 38.82N, 141.49E, mb3.9/5, mb1.4/0.6, mb1mx3.7/21, mbtmp3.8/6, ML3.6/1, MS4.4/1, Ms1.4/4.1, ms1mx2.9/32 Error ellipse: s-maj=41.9km s-min=21.1km az=93.0

Table with columns: TPH, Tonopah, 71.70 55 P, P, 23 52 55.1 +0.6, comp=Z, 9.9nm, 1.1s, mb4.5, MOOSE, Moose Ponds, 71.71 47 eP, P, 23 52 55.5 +1.1, etc.

Table with columns: LPG, La Plagne, 84.00 331 eP, P, 23 54 02.6 +0.9, comp=Z, 3.0nm, 0.6s, mb4.3, etc.

Table with columns: BJI, Beijing, 49.47 4 eP, P, 23 55 25.0 -0.7, 7.9nm, 0.5s, mb5.0, etc.

IDC 22 23:47:06.0: 1.5, 31.95Sx177.69W, mb4.4/4, mb1 4.4/5, mb1mx4.1/16, mbtmp4.3/5, ML3.8/1, Error ellipse: s-maj=49.5km s-min=28.7km az=141.0, Error ellipse:

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

IDC 22 23:48:13.7: 1.8, 39.10N-110.65E, mb3.7/2, mb1 4.0/3, mb1mx3.5/19, mbtmp3.7/3, ML3.6/1, Error ellipse: s-maj=61.4km s-min=24.2km az=97.0, Western Nei

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

IDC 22 23:58:12.0: 4.8, 7.83N-90.56E, mb3.4/2, mb1 3.8/3, mb1mx3.5/18, mbtmp3.5/3, ML3.8/1, Error ellipse: s-maj=125.8km s-min=39.0km az=78.0, Nicobar Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like Cmar, Chiang Mai Arr, etc.

IDC 22 23:59:56.8: 1.0, 7.95S: 159.71E, h26km, 4km, mb3.8/7, mb1 4.0/7, mb1mx3.9/15, mbtmp3.9/7, Error ellipse: s-maj=25.8km s-min=20.5km az=119.0, Error ellipse:

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like Cta, Charters Tower, Wra, etc.

IDC 23 00:05:08.9: 0.8, 56.12Sx26.89W, h84km, 5km, mb4.3/7, mb1 4.3/8, mb1mx4.1/12, mbtmp4.6/8, Error ellipse: s-maj=32.1km s-min=14.1km az=53.0, Error ellipse:

IDC 23 00:05:08.0: 0.4, 56.13Sx27.02W, mb4.5/1, Error ellipse: s-maj=16.9km s-min=7.6km az=60.0, Error ellipse:

IDC 23 00:05:07.4: 0.4, 56.18Sx109.27W, 0.2, h86km, (h26km, 1, 2km, pp-P), n8, c08070, mb3.8/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like Vna1, Neumayer-Stat, etc.

WEL 23 02:27:47.9.0.1, 41.08S-175.07E, h28km, ML3.6/18, 7C-2D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, North Island

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

IDC 23 02:29:23.0.2.1, 5.34S-152.20E, mb3.7/3, mb1 4.1/3, mb1mx3.8/13, mbtmp3.7/3, Error ellipse: s-maj=155.1km s-min=27.2km az=127.0, New Britain region

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

IDC 23 02:29:31.3.1.7, 4.96S-151.74E, mb3.7/5, mb1 3.9/5, mb1mx3.8/13, mbtmp3.7/3, Error ellipse: s-maj=65.4km s-min=24.8km az=110.0, New Britain region

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

CSEM 23 02:30:10.5.0.1, 45.03N-7.67E, h8km, ML2.5/16, Error ellipse: s-maj=1.5km s-min=1.2km az=82.0

ROM 23 02:30:10.9.0.2, 45.07N-7.55E, h11km, 3km, MD2.5/2, ML1.8/4, Error ellipse: s-maj=3.6km s-min=1.8km az=90.0

LDG 23 02:30:12.4.0.2, 45.06N-7.53E, h2km, MD2.5/2, ML2.4/14, Error ellipse: s-maj=3.7km s-min=1.9km az=87.0

GEN 23 02:30:12.1.4.5, 10N-7.51E, h25km, ML2.8/8, NEIC 23 02:30:12.1.4.5, 10N-7.51E, h25km, ML2.8/8, ML2.4(LDG), ML2.2(STR), After GEN

ZUR 23 02:30:14.9.45.30N-7.68E, h10km, ML1.8/8, ISC 23 02:30:11.6.0.2, 45.07N-7.01E, h23km, 2km, n96, e092/149, 2D, Northern Italy

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

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

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ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

ORO 75m, 0.2s 0.63 28 eP Sb 02 30 24.1 +0.2

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GENL Genova Univers, ORIF Oris-en-Rattie, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CABB La Chapelle, GRAM Gramolara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LMR La Mourre, VDL Val di Lei, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LASF Ste Croix, SMF Signal de Mont, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HAU Hautompres, CDF Champ du Feu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AVF Avin sur Loir, SSF Saint Saule, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BGF Bois d'Agland, MEZF Maizieres Jvi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MTLF Montlieux, RJF Les Rejaudoux, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SONM Sogingo Array, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like COTA Cotacachi, CAYR Refugio Cayamb, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MAN 23 02:34:37.9, 15.89N-120.96E, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SCZP Santa Cruz, CAUP Cauayan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like POLP Polilio Island, APYP Conner, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IDC 23 02:36:48.3, 0.8, 6.71N-92.99E, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, JIRN Jiri, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AAK Ala-Archa, SONM Sogingo Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ZAL Zalesovo, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRAB Tennant Creek, BVAR Borovoye Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BRTR Bristow, AKASO Main Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ESCD Sonseca Array, CPUP Villa Florida, etc.

IDC 23 02:48:41.0.1.7, 7.86S-159.74E, mb4.0/6, mb1 4.2/7, mb1mx4.0/15, mbtmp4.0/7, ML4.0/1, Error ellipse: s-maj=56.3km s-min=26.7km az=118.0

ISC 23 02:48:44.3.1.6, 7.95S-162.159.7E, 0.3, h33km, n7, e0948/7, 3.7m, 0.6s, mb3.8, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CTA Charles Tower, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SONM Sogingo Array, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, YKA Ykaville, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IDC 23 03:03:43.4.1.6, 4.90N-94.57E, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SONM Sogingo Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRAB Tennant Creek, ZAL Zalesovo, etc.

MAN 23 03:04:45.2, 16.13N-120.19E, h13km, mb4.2, ML3.0, MS2.8, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BOLP Bolinao, BOLP Baguio City Da, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SCZP Santa Cruz, BCPH Baguio City Da, etc.

Table of station data for 23d 5h, including columns for station name, coordinates, and various parameters like PKIP, PFAKE, and time/res values.

Main table of station data for 2005 JAN, including columns for station name, coordinates, and various parameters like PKIP, PFAKE, and time/res values.

Table of station data for 702, including columns for station name, coordinates, and various parameters like PKIP, PFAKE, and time/res values.

2C-4D, Error ellipse: s-maj=5.8km s-min=2.9km az=86.0, PRXIMO DATOS INTENSIDAD: IMG-ESCALA MM, Portugal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists seismic stations in Portugal and surrounding areas with their respective coordinates and data.

Table with columns: ELOB, comp, Z, S, SNR, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists seismic events with their origin times, depths, and locations.

Table with columns: EARI, comp, Z, S, SNR, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists seismic events with their origin times, depths, and locations, including detailed descriptions of specific events.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Borovoye Array, Keskin Array B, etc.

MOS 23 08:22:13.8,0.9, 13.64N-92.94E, h33km, mb5.0/18, Error ellipse: s-maj=10.4km s-min=6.8km az=123.4

IDC 23 08:22:14.8,0.6, 13.63N-92.89E, h27km, mb4.3/20, mb1 4.4/21, mb1mx4.4/24, mbtmd4.5/21, ML4.2/1, MS4.1/7, Ms1 4.1/7, ms1mx3.7/23, Error ellipse: s-maj=18.8km s-min=11.0km az=46.0

HRVD 23 08:22:15.2,0.6, 13.64N-92.84E, h27km, mb4.8/48, Centroid moment Tensor Solution. LP body waves: s12,c15; Mantle waves: s48,c72; Half duration: 0 Moment tensor: Scale 10^19Nm; M1=0.37; 14; M2=0.28; 10; M3=0.09; 12; M4=0.01; 18; M5=1.72; 08; M6=0.97; 23; Best double couple: M1: 95%; 101% NP 1; 270%; 35%; 4; 8; NP2: 4%; 88%; 14; 9; Principal axes: T: 2.07; P1: 0.9; Azm133; N-199, P165; Azm16; P-1.898, P162; Azm232; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23 08:22:15.2,0.2, 13.56N-92.86E, mb4.9/27 Error ellipse: s-maj=5.9km s-min=5.1km az=37.0

BUI 23 08:22:16.6, 13.38N-93.59E, h29km, mb5.0, mb4.6, Ms4.3, Ms4.0

ISC 23 08:22:13.2,0.2, 13.53N,0.04,-92.77E,0.03,h30km, h30km, 7km; p-P,N,161,1,1512/167,mb4.7/54,MS4.1/16, 7C-8D, Andaman Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations from NNT to LZH.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations from AP to MUN.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations from ZEI to GRF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSU Marysvale, BW06 Boulder Array, PDAR Pinedale Array, etc.

ICD 23 10:01:02.17, 6.5, 6.2S, 151.46E, h53km, 65km, mb3.0/3, mb1.3/4.4, mb1mx3.3/12, mb1mp3.4/4, ML3.0/1, Error ellipse: s-maj=141.7km s-min=36.8km az=126.0, New Britain region

IGQ 23 10:06:01.6, 1.1, 1.7S, 81.24W, h20km, 5km, mb5.1, Error ellipse: s-maj=10.3km s-min=5.5km az=160.1, BUI 23 10:06:05.7, 1.20S, 80.80W, h15km, mb5.5, Ms5.2, Msz4.9, HRVD 23 10:06:07.0, 0.4, 1.30S, 80.89W, h24km, 2km, MVV5.0/50, Centroid moment Tensor Solution, LP body waves, s19, c21, Mantle waves: s50, c84; Half duration: 0 Moment tensor: Scale 10^19Nm; Mrr1.19; 2.2; Mtt2.33; 1.4; Mss-3.52; 2.0; Mss-0.10; 1.9; Mss0.61; 1.2; Mrr-2.03; 3.2; Best double couple: M3, 426; 1016 NP; 306; 859; 1.3; NP23: 215; 367; 1.448; Principal axes: T, 2.534, P, 2.24; Azm166; N, 1.784, P, 1658; Azm30; P, -4.318, P, 202; Azm265; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23 09:56:36.0, 31.60S, 71.86W, h25km, ML3.4(GUC), After GUC.

GUC 23 09:56:36.0, 0.7, 31.60S, 71.86W, h25km, 2km, MD3.5, ML3.4, 5C-2D, Near coast of Central Chile

NEIC 23 10:06:07.0, 2.1, 2.0S, 80.80W, mb5.1/96, MS4.3/8, MD5.1 (IGQ) Error ellipse: s-maj=5.3km s-min=3.3km az=220.0

NEIC Felt strongly at Bahia de Caraquez and Manta. MOS 23 10:06:09.0, 0.9, 1.14S, 80.87W, h33km, mb5.4/52, MS4.3/12, Error ellipse: s-maj=9.0km s-min=5.6km az=101.7

ICD 23 10:06:12.8, 4.0, 1.18S, 80.82W, h58km, 36km, mb4.3/18, mb1.4/5.20, mb1mx4.5/24, mbtmp4.6/20, ML4.4/2, MS4.3/14, Ms1.4, 3/14, ms1mx3.9/24, Error ellipse: s-maj=22.6km s-min=10.9km az=65.0

ISC 23 10:06:00.0, 0.2, 1.27S, 0.04, 80.95W, 0.02, h16km, h16km, 3km, pP, N346, e1505/304, mb5.0/108, MS4.4/27, 23C-17D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILCH Illapel, PACH Papudo, PTCH Petorca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatata, CUSU Cusua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCCT Lajitas Array, TXAR Lajitas Array, TXAR comp=Z, 3.0nm, 0.8s, baz=149, slow=7.3, SNR=7.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Barrabunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

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

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

MAN 23 09:57:11.8, 11.16N, 124.65E, h7km, mb4.2, ML3.1, MS2.8, 2D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OCLP Ormoc, OCLP Palo, BESP Borongan, etc.

ICG 23 10:00:00.5, 0.94S, 81.31W, h9km, 3km, mb4.5, 6C-6D, Error ellipse: s-maj=6.6km s-min=3.7km az=140.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatata, JUA2 San Juan 2, etc.

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

ICG 23 10:00:00.5, 0.94S, 81.31W, h9km, 3km, mb4.5, 6C-6D, Error ellipse: s-maj=6.6km s-min=3.7km az=140.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatata, JUA2 San Juan 2, etc.

ICG 23 10:00:00.5, 0.94S, 81.31W, h9km, 3km, mb4.5, 6C-6D, Error ellipse: s-maj=6.6km s-min=3.7km az=140.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatata, JUA2 San Juan 2, etc.

Table of radio frequencies for station 711, listing call letters, frequency, power, and other technical details.

Table of radio frequencies for station FIB, listing call letters, frequency, power, and other technical details.

Table of radio frequencies for station ORIF, listing call letters, frequency, power, and other technical details.

ATH 23 10:13:26.0, 38.29N-22.17E, h96km, 6km, ML3.3
NEIC 23 10:13:26.0, 38.29N-22.17E, h96km, After ATH.
CSEM 23 10:13:27.8, 0.2, 38.25N-22.19E, h60km, ML3.3, Error ellipse: s-maj=4.9km s-min=1.4km az=54.0

23d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, CHKZ Chkalovo, BVAR Borovoye Array, etc.

ICD 23 13:09:57.0-7.4, 0.15S, 152.74E, mb4.2/13, mb1 4.3/15, mb1mx4.3/18, mbtmp4.1, 1.72, ML3, M2, MS1 3.2/2, ms1mx2.8/19, Error ellipse: s-maj=25.8km s-min=15.8km az=110.0

NEIC 23 13:10:03.7-3.1, 4.02S, 152.64E, h41km, 27km, mb4.4/7, Error ellipse: s-maj=20.9km s-min=16.0km az=104.0

ISC 23 13:09:57.8-4.5, 4.02S, 109.152.7E, 0.1, h10km, 26km, n29, r108/29, mb4.2/19, 1D, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTM Charters Tower, WRAB Warramunga Arr, etc.

HEL 23 13:14:05.9-0.3, 60.84N, 29.17E, ML2.0, ML2.6(NAO), Explosion CSEM 23 13:14:05.8-0.4, 60.79N, 29.14E, h15km, ML3.1/1, Error ellipse: s-maj=8.8km s-min=5.9km az=139.0

2005 JAN

NAO 23 13:14:06.1-3.3, 60.91N, 28.94E, ML2.6 BER 23 13:14:07.4-2.4, 60.87N, 28.89E, ML2.6(NAO), Suspected explosion

ISC 23 13:14:05.3-1.0, 60.89N, 0.05-29.04E, 0.09, n22, r09/91/40, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like VJF Virojoki, FIAO FINESS Array S, KAF Kangasniemi, etc.

ICD 23 13:16:08.1-1.7, 11.17N, 139.97E, mb3.6/4, mb1 3.9/4, mb1mx3.7/18, mbtmp3.6/4, Error ellipse: s-maj=206.8km s-min=24.9km az=106.0, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eilean Arr, etc.

BUI 23 13:16:51.5, 8.19N, 93.75E, h29km, mb4.3, Ms3.9 NEIC 23 13:16:53.1-0.7, 8.13N, 94.17E, h30km, mb4.3/8, Error ellipse: s-maj=20.7km s-min=14.8km az=90.0

ICD 23 13:17:00.5-1.1, 8.33N, 94.50E, h92km, 46km, mb3.7/14, mb1 3.8/15, mb1mx3.8/22, mbtmp4.0/15, MS3.4/3, Ms1 3.5/3, ms1mx3.0/19, Error ellipse: s-maj=30.0km s-min=16.8km az=57.0

ISC 23 13:16:50.7-0.8, 06N, 0.09-94.2E, 0.1, h30km, n37, r09/94/34, mb4.2/25, MS3.7/2, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, SHL Shillong, etc.

CPUP Villa Florida 147.38 233 PKPbc PKPdf 13 36 36.6 +1.9 0.0nm, 0.5s, baz=198, slow=15, SNR=1.6

IGQ 23 13:23:48.9, 1.10S, 81.71W, h12km, 7km, mb4.4, 5C-8D, Error ellipse: s-maj=9.7km s-min=7.5km az=148.5, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Igualata, JUA2 San Juan 2, etc.

IDC 23 13:42:32.6-12.0, 6.01N, 94.51E, mb3.2/2, mb1 3.6/3, mb1mx3.3/18, mbtmp3.3/3, Error ellipse: s-maj=321.5km s-min=47.0km az=84.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 23 14:12:27.6-0.7, 8.09N, 92.74E, mb4.2/2, Error ellipse: s-maj=16.5km s-min=11.1km az=54.0

ICD 23 14:12:28.2-1.1, 8.54N, 93.18E, h30km, 6km, mb3.6/8, mb1 3.8/9, mb1mx3.6/19, mbtmp3.7/9, ML4.0/1, MS3.6/3, Ms1 3.6/3, ms1mx3.0/22, Error ellipse: s-maj=46.9km s-min=13.7km az=58.0

ISC 23 14:12:25.0-0.6, 8.19N, 0.08-92.82E, 0.09, h29km, h29km, 2.0km, n28, r112/25, mb4.1/12, MS3.6/3, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

NEIC 23 14:17:18.8-1.1, 24.26S, 179.73W, h458km, 16km, mb4.4/3, Error ellipse: s-maj=16.6km s-min=12.0km az=137.0

ICD 23 14:17:19.5-6.9, 24.28S, 179.75W, h459km, 64km, mb3.7/6, mb1 3.8/7, mb1mx3.5/16, mbtmp4.6/7, Error ellipse: s-maj=54.9km s-min=23.6km az=59.0

ISC 23 14:17:17.4-2.9, 24.15S, 0.08-179.8W, 0.1, h450km, 46km, n20, r09/718, mb4.2/9, 5D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, URZ Urewera, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, KAKA, FITZ, MAW, etc.

MOS 23 14:17:39.3, 1.5, 52.74N-158.72E, h102km, mb4.2/7, Error ellipse: s-maj=16.0km s-min=8.0km az=79.3

Table for Kamchatka Peninsula with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Severo-Kuril's Islands with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

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

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

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

Table for Mindanao with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Nepal-India border region with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Nicobar Islands with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Nicobar Islands (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

NIED 23 14:46:00.33, 90N, 141.90E, h5km, Mw3.7 Best double couple: M4.32x10^14 NP1: 326°, 848°, λ-70°. NP2: 0°117°, 846°, λ-111°

JMA 23 14:46:26.0, 3.3, 93.95N-141.91E, h59km, Mw3.7 NEIC 23 14:46:28.7, 4.4, 33.88N-141.67E, h28km, Mw3.6, mb4.2/3, Error ellipse: s-maj=15.2km s-min=12.4km az=89.0

Table for East coast of Honshu with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for East coast of Honshu (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

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

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

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

Table for Western Caroline Islands with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Western Caroline Islands (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

NEIC 23 15:09:58.0, 0.9, 10.87N-141.25E, mb3.6/6, mb1 3.9/6, mb1mx3.4/18, mbtmp3.6/6, MS3.2/2, Ms1 3.2/2, ms1mx2.6/23, Error ellipse: s-maj=46.0km s-min=21.1km az=93.0

Table for Sumatara with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Sumatara (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table for Sumatara (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

NEIC 23 15:16:07.5, 1.4, 8.59N-93.12E, mb3.5/5, mb1 3.7/6, mb1mx3.6/18, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=62.1km s-min=25.7km az=49.0

Table for Nicobar Islands (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters.

Table with columns: YER, Yerkesik, 0.38 58 / P/G, Pg, 16 48 00.1 -0.1, P, 17 01 06.3 +2.2

IDC 23 16:08:27.3:6.0, 13.29N-92.98E, mb3.2/2, mb1 3.4/3, mb1mx3.2/18, mbtbp3.1/3, ML3.2/1, Error ellipse: s-maj=125.3km s-min=46.8km az=103.0, Andaman Islands region

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

IGQ 23 16:09:41.0, 1.40S-81.16W, h7km, mb4.0, 5C-1D, Error ellipse: s-maj=9.9km s-min=8.0km az=139.1, Off coast of Ecuador

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

IDC 23 16:19:46.4:9.5, 7.86N-93.85E, mb3.6/2, mb1 3.8/3, mb1mx3.4/17, mbtbp3.5/3, Error ellipse: s-maj=259.9km s-min=43.5km az=136.0, Nicobar Islands region

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

IDC 23 16:31:39.5:0.7, 26.59N-142.63E, mb3.8/13, mb1 4.1/13, mb1mx4.0/18, mbtbp3.8/13, MS3.8/3, Ms1 3.9/3, ms1mx3.1/32, Error ellipse: s-maj=20.3km s-min=13.2km az=60.0

NEIC 23 16:31:45.3:1.5, 26.57N-142.56E, h39km, mb4.1/6, Error ellipse: s-maj=10.6km s-min=6.7km az=97.0

ISC 23 16:31:43.2:1.8, 26.56N-142.56E, 0.1, h37km, 15km, n27, c075/26, mb3.9/19, MS4.3/2, D, Bonin Islands region

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

IDC 23 16:39:27.9:4.4, 9.02N-91.98E, mb3.3/3, mb1 3.5/4, mb1mx3.3/18, mbtbp3.2/4, ML3.3/1, Error ellipse: s-maj=118.6km s-min=31.9km az=60.0, Nicobar Islands region

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

CSEM 23 16:46:53.6:37.07N-27.99E, h23km, MD3.1, After ISK ISK 23 16:46:53.6:37.07N-27.99E, h23km, MD3.1

ATH 23 16:47:50.0, 37.02N-28.13E, h10km, MD3.0/3

ISC 23 16:47:52.0:0.8, 36.93N-27.88E, 0.05, h14km, 5km, n14, c066/20, Dodecanese Islands region

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

Table with columns: YER, Yerkesik, 0.38 58 / P/G, Pg, 16 48 00.1 -0.1, P, 17 01 06.3 +2.2

BJJ 23 16:55:47.0, 13.81N-92.88E, h18km, mb5.2, mb4.8, Ms4.8, Ms2.5

MOS 23 16:55:48.3:1.2, 13.65N-93.02E, h33km, mb5.1/34, MS4.5/11, Error ellipse: s-maj=8.6km s-min=5.4km az=115.3

IDC 23 16:55:48.0:3.5, 13.62N-92.90E, h20km, 21km, mb4.5/20, mb1 4.6/21, mb1mx4.6/23, mbtbp4.6/21, ML4.2/1, MS4.5/14, Ms1 4.5/14, ms1mx4.3/23, Error ellipse: s-maj=21.0km s-min=10.9km az=48.0

HRVD 23 16:55:49.3:0.3, 13.64N-92.91E, h14km, 1km, MW5.0/58, Centroid moment Tensor Solution. LP body waves: s31, c43, Mantle waves: s58, c108. Half duration: 0

Moment tensor: Scale 10^16Nm; Mw=0.96; Ms=1.5; Mw4.03; Ms1.14; Mw3.07; Ms1.12; Mw2.57; Mw0.60; Ms0.9; Ms1.15; Ms3.2; Best double couple: Mw4.69x10^16 Np1: c139, s49, l-8; NP2: c235, s84, l-138; Principal axes: T: 5.118, Plg23; Azm360; N: -852, Plg48; Azm242; P: -4.262, Plg33; Azm106; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23 16:55:49.3:0.2, 13.64N-93.01E, mb5.0/41, MS4.2/8 Error ellipse: s-maj=6.6km s-min=5.5km az=205.0

ISC 23 16:55:47.6:0.2, 13.71N-93.93E, 0.03, h28km, h28m, 1.2km, P, n225, r1832/232, mb4.8/74, MS4.5/34, 16C-12D, Andaman Islands region

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

CAL Calcutta 9.84 334 eP P 16 58 10.1 -0.4

KKTK Khon Kaen 9.84 73 pS S 16 58 13.2 +2.7

VIS Vishakhapatnam 10.13 294 eP P 16 58 12.2 -2.4

IMR Imphal 11.05 4 eP P 16 58 24.6 -2.5

SHL Shillong 11.84 355 eP P 16 58 32.5 -5.3

BLSP Bilaspur 13.30 311 eP P 17 00 37.0 -1.3

PALK Palkeke 13.68 243 ePn P 16 58 59.0 -3.5

HYB Hyderabad 14.40 287 eP P 16 59 13.0 +1.1

KUN Kunming 14.59 37 pP P 16 59 22.7 +8.4

PKI Pulchok 15.21 334 eP P 16 59 23.7 -2.5

KOD Kodaikanal 15.59 259 eP P 16 59 29.1 +1.8

ALA Allahabad 15.62 319 eP P 17 02 08.0 -12

DMN Daman 15.67 333 eP P 16 59 25.9 -2.4

KAK Kakani 15.75 334 eP P 16 59 27.3 -2.1

LHA Lhasa 16.00 354 eP P 16 59 28.8 -3.8

LHA Lhasa 16.00 354 eP P 16 59 28.7 -3.9

GKN Koldanda 16.51 329 eP P 16 59 37.3 -1.7

QIZ Qiongzong 17.00 70 pP P 16 59 46.0 +0.8

QIZ Qiongzong 17.00 70 pP P 17 00 01.1 +0.7

QIZ Qiongzong 17.00 70 pP P 17 02 51.5 -0.4

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

QIZ Qiongzong 17.00 70 pP P 16 59 48.7 +3.5

Table with columns: LZH Lanzhou, 24.32 22 / P, P, 17 01 06.3 +2.2

Tagaytay City 27.11 86 pP P 17 01 56.1 +0.8

Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

NJ2 Nanjing 29.88 48 eP P 17 02 06.5 +3.1

M51 3.9/4.4,ms1mx3.3/28, Error ellipse: s-maj=20.7km s-min=10.6km az=58.0
ISC 23:18:26:18.7-0.4, 9.37N,0.05-93.18E,0.05,h30km, (h54km,7.1km;p-P),n129,r1902/129,mb4.6/48,MS3.9/8, 10C-2D,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like NNT Nonplab, NST Nakthorn Sawan, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like SONM comp=Z,1.1nm,0.9s,mb4.6,baz=202,slow=6.7,SNR=74, SONM comp=Z,2.2nm,1.2s,baz=198,slow=7.8,SNR=2=9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like NOA NORSAR Array B, NOA comp=Z,1.1nm,0.6s,mb3.9,baz=94,slow=5.2,SNR=3.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like MATI Mati, MATI comp=Z,2.7nm,1.0s,mb3.9,baz=94,slow=5.2,SNR=3.9, etc.

Table with columns: MDJ, LSA, LSA, LSA, LSA, ASAJ, ASAJ, ASAJ, YSS, KLR, PKI, HIA, HIA, HIA, KKN, DMN, GKN, ULN, ULN, ULN, SONM, KOLN, HYB, ZAK, ZAK, ZAK, TLY, TLY, BOD, YAK, YAK, YAK, AAK, AAK, AAK, ZAL, ZAL, RPZ, KURK, KURK, NBS, BVAR, BRVK, BRVK, CHKZ, CHKZ, CHKZ, TIXI, TIXI, TIXI, BILL, BILL, ARU, IMA, MCK, SOC, SOC, SOC, SOC, SOC, ILAR, OBN, OBN, KMBO, BRTR, ARCES, AKASG, NOA, YKA

TAP 23 19:00:05.0, 23.96N, 122.65E, h30km, mb4.2, Error ellipse: s-maj=25.7km s-min=11.0km az=64.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

NEIC 23 19:02:39.0, 8.7, 5.1N, 93.88E, h30km, mb3.8/2, Error ellipse: s-maj=25.7km s-min=11.0km az=64.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

Table with columns: KKN, GKN, LSA, KOLN, SONM, ZAL, ZAL, WRA, WRB, WRB, ASAR, FINES, ARCES, ARCES, GERES

CNRM 23 19:07:07.0, 33.67N, 5.96W, h30km, MD2.7, Error ellipse: s-maj=29.4km s-min=4.9km az=68.0

MDD 23 19:07:24.1, 7.33, 71N, 5.94W, h24km, mb3.5/3, Error ellipse: s-maj=19.1km s-min=9.9km az=42.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

NEIC 23 19:08:36.9, 0.5, 13.25N, 144.48E, h10km, mb4.3/2, Error ellipse: s-maj=18.4km s-min=8.7km az=117.0

IDC 23 19:08:37.2, 0.8, 13.11N, 143.89E, mb3.8/9, mb1 4.0/9, mb1mx3.9/21, mbtmp3.8/9, MS3.6/2, Ms1 3.6/2, ms1mx2.9/27, Error ellipse: s-maj=41.5km s-min=16.2km az=97.0

ISC 23 19:08:35.4, 0.0, 13.20N, 10.144E, 5.0, 1, h10km, n15, 0.98/15, mb3.9/11, MS3.5/2, 1D, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

NEIC 23 19:11:21.0, 1.0, 2.51N, 96.03E, mb4.1/7, Error ellipse: s-maj=32.0km s-min=11.0km az=65.0

IDC 23 19:11:23.2, 3.0, 0.9N, 96.23E, h30km, mb4.9, mb4.6, BUJ 23 19:11:23.2, 3.0, 0.9N, 96.23E, h74km, 102km, mb3.5/5, mb1 3.7/6, mb1mx3.5/18, mbtmp3.8/6, ML4.1/1, Error ellipse: s-maj=109.4km s-min=19.5km az=53.0

ISC 23 19:11:19.4, 0.9, 2.5N, 101.96E, 1.0, 2, h30km, n20, 0.88/19, mb4.2/16, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

Table with columns: BVAR, YAK, YAK

NEIC 23 19:24:32.0, 2.7, 5.43S, 151.73E, h66km, mb2.2km, mb4.2/5, Error ellipse: s-maj=22.6km s-min=12.1km az=98.0

IDC 23 19:24:33.6, 5.4, 8.5, 45S, 151.74E, h79km, 41km, mb3.6/9, mb1 3.8/10, mb1mx3.8/13, mbtmp3.9/10, ML2.9/1, MS3.1/1, Ms1 3.1/1, ms1mx2.3/18, Error ellipse: s-maj=35.7km s-min=15.0km az=92.0

ISC 23 19:24:30.6, 3.6, 5.41S, 109.151E, 8.0, 2, h69km, 30km, n25, 0.105/25, mb3.9/14, 1C, 1D, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

IDC 23 19:37:36.1, 1.8, 3.21N, 126.10E, mb3.6/4, mb1 3.8/4, mb1mx3.5/17, mbtmp3.6/4, Error ellipse: s-maj=187.2km s-min=24.4km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

IDC 23 19:42:33.0, 0.9, 13.70N, 92.94E, mb3.9/7, mb1 4.0/8, mb1mx3.7/18, mbtmp3.8/8, ML3.5/1, MS2.6/1, Ms1 2.8/1, ms1mx2.2/29, Error ellipse: s-maj=47.9km s-min=18.4km az=48.0

NEIC 23 19:42:37.3, 0.5, 13.47N, 92.67E, h30km, mb4.3/1, Error ellipse: s-maj=11.1km s-min=7.6km az=159.0

ISC 23 19:42:34.9, 0.6, 13.45N, 10.10, 92.66E, 0.8, h30km, n13, 0.82/14, mb3.9/9, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

NEIC 23 19:49:13.8, 3.9, 78N, 19.29E, h2km, MD3.5(ATH), After ATH

NEIC Felt at Kassiopi and Kerkira. ATH 23 19:49:18.8, 39.70N, 19.67E, h5km, MD3.4/5

CSEM 23 19:49:20.3, 0.1, 39.71N, 19.75E, h2km, MD3.5, 2D, Error ellipse: s-maj=4.2km s-min=2.9km az=21.0, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, Res

BUJ 23 19:59:39.1, 1.7, 76S, 120.27E, h28km, mb5.0, mb4.9, Ms4.7, Ms2.5

IDC 23 19:54:41.8, 0.5, 1.20S, 119.91E, mb4.7/21, mb1 4.8/22, mb1mx4.8/24, mbtmp4.7/22, ML5.7/1, MS4.4/1, Ms1 4.4/1, ms1mx3.2/20, Error ellipse: s-maj=28.7km s-min=10.0km az=57.0

MOS 23 19:59:44.5, 1.2, 1.05S, 120.25E, h33km, mb5.2/16, Error

Table with columns for station call signs (e.g., MOY, CLNS, IRK), frequencies, and various signal quality metrics (e.g., S/N, SNR, dB, etc.).

Table with columns for station call signs (e.g., MWZ, JMDO, MATAWAI), frequencies, and various signal quality metrics (e.g., S/N, SNR, dB, etc.).

Table with columns for station call signs (e.g., GNI, GARNI, GARNI), frequencies, and various signal quality metrics (e.g., S/N, SNR, dB, etc.).

Table with columns for station name, frequency, power, and signal strength. Includes stations like MBAR, LZV, SZH, and many others.

Table with columns for station name, frequency, power, and signal strength. Includes stations like BOSA, BUC1, Muntele Rosu, and many others.

Table with columns for station name, frequency, power, and signal strength. Includes stations like DPC, Dobruska-Polom, TAOE, and many others.

23d 20h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Grafenberg Arr, Furstenfeldbru, Davos, HAU, YKA, etc.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Schefferville, Cornudas Mount, Amarillo, Jewell Farm, etc.

726

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kanaga Island, Attu Island-F, Attu Island-F, etc.

IDC 23 20:15:55.5 1.1, 0.98S:120.25E, mb4.2/6, mb1 4.4/6, mb1mx4.1/17, mbtmp4.2/6, Error ellipse: s-maj=94.0km

NEIC 23 20:16:00.1 0.6, 0.92S:120.36E, h30km, mb4.7/4, Error ellipse: s-maj=50.2km, s-min=11.6km, az=60.0

ISC 23 20:15:58.0 7.0, 0.95S:120.40E, h3.3, h33km, n11, s101/11, mb4.4/10, Minahassa Peninsula, Sulawesi

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

BUI 23 20:19:06.5 5.1 11N-177.04W, h32km, mb5.3, IDC 23 20:19:09.7 0.5, 51.68N:176.80W, h42km, mb4.2/23, mb1 4.3/24, mb1mx4.2/29, mbtmp4.4/24, ML4.3/1, Error ellipse: s-maj=16.2km, s-min=10.4km, az=163.0

NEIC 23 20:19:09.1 0.3, 51.46N:176.79W, mb4.7/17, ML4.4(AEIC), Error ellipse: s-maj=7.2km, s-min=4.7km, az=172.0

NEIC 23 20:19:07.4 0.3, 51.43N:176.79W, h39km, h39km, s1.4km, pp-P, n95, s1519/92, mb4.6/47, 1C, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, ZAK, INK, YKA, KURK, CHZK, CMAR, NVAR, PDAR, FINES, NOA, SCHG, WRAB, TXAR, KHC, ASAR, BRTR, PLCA, and PLCA.

ATH 23:21:54:58.8, 37.06N-27.87E, h37km, 20km, MD3.1/3
CSEM 23:21:55:00.6, 0.1, 37.01N-27.79E, h15km, MD3.2, Error
ellipse: s-maj=2.2km s-min=2.0km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM, BDRM, MLSB, YER, AYDN, ARG, FETV, FETV, DNZL, DENI, IZM, KDAG, KARP, BLCB, MANT, ELL, AKS, KHL, BCK, ALT, BKT.

ATH 23:21:55:55.2, 37.10N-28.13E, h10km, MD3.2/3
CSEM 23:21:55:57.0, 1.36.99N-27.73E, h8km, MD3.3, Error
ellipse: s-maj=2.8km s-min=2.6km az=40.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM, YER, YER, AYDN, ARG, ARG, ARG.

Table with columns: SMG, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Samos, Fethiye, Cakiroli, Denizli, Karpatos, IZM, KDAG, BLCB, MANT, ELL, AKS, KHL.

IGQ 23:22:03:30.0, 1.11S-81.42W, h12km, 25km, mb4.1, 1C-3D,
Error ellipse: s-maj=25.4km s-min=7.2km az=172.0, Off
coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGUA, IGUA, JU2, TERV, PINO, NAST, BLCB, ARRY, PATA, YANA, ULBA, VCI, ANTI, COTA, COTA, CAYR, CAYR.

NEIC 23:22:04:46.8, 1.0, 21.96S-179.33W, h565km, 13km, mb4.7/8,
Error ellipse: s-maj=16.3km s-min=10.7km az=143.0
IDC 23:22:04:49.4, 1.9, 22.03S-179.54W, h583km, 19km, mb3.8/6,
s-maj=24.9km s-min=16.3km az=170.0

ISC 23:22:04:46.1, 4.22, 00S-109.179, AW.0.2, h570km, 28km,
n33, 0.93/24, mb4.7/12, 10D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFU, URZ, URZ, CNB, CTA, CTO, TOA, PMG, PMG, STKA, ASAR, ASAR, ASAR, ASPA, WB2, WRAB, WRA, WRA, TXAR, WRA, KAKA, FORT, VITA, VITA, ENSH, ENSH, CMH, CMH, BVAR, ARCES, FINES, AKASO, BRTR, COLM, COLM, BRG, PRU, PHU, KHC, KHC, GERES, GERES.

IDC 23:22:18:20.3, 1.7, 3.32N-95.14E, mb3.9/6, mb1.4/0.7,
s-maj=74.1km s-min=20.3km az=58.0
NEIC 23:22:18:23.0, 5.3, 2.1N-94.84E, h30km, mb4.2/5, Error
ellipse: s-maj=13.9km s-min=8.5km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, LSA, AAK, WRA, WRAB, SONMI, AKS, BVAR, BRV, CHZK, STKA.

Sumatera
Code Station Name Az Az' Phase ID Time Res h m s ISC
P3K1 Palleke 14.65 287 eP P 22 23 03.0 0.0
CMK1 Chiang Mai Arr 15.69 15 Pn P 22 22 04.2 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM, YER, YER, AYDN, ARG, ARG, ARG, PHNC, MEST, ESKT, ULDT, ESKT, IDI, IDI, BTOK, AYVA, ORLT, ORLT, PRK, PRK, GPG, NIG, NIG, GVD, GVD, BNT, BNT, EDC, EDC, ANTO, ANTO, YLV.

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

BUI 23:22:36:01.9, 9.35, 84N-29.23E, h26km, mb5.8, mb5.4, Ms5.6, Ms5.4,
MOS 23:22:36:03.9, 1.1, 35.74N-29.71E, h22km, mb5.6/86,
MSS.2/45, Error ellipse: s-maj=3.8km s-min=1.9km

CSEM 23:22:36:05.8, 35.80N-29.70E, h30km, ML6.1
DHMR 23:22:36:05.6, 3.0, 35.87N-29.70E, h10km, mb5.4
NEIC 23:22:36:05.0, 2.0, 35.80N-29.64E, h10km, mb5.4/154,
MSS.4/107, MW5.8, 3.4M, 6(7E), ML5.5(1SK), ML5.4(GII),
Error ellipse: s-maj=3.8km s-min=2.0km az=17.0, Moment
Tensor Solution: 55 Moment tensor: Scale 1017Nm

NEIC 23:22:36:05.0, 2.0, 35.80N-29.64E, h10km, mb5.4/154,
MSS.4/107, MW5.8, 3.4M, 6(7E), ML5.5(1SK), ML5.4(GII),
Error ellipse: s-maj=3.8km s-min=2.0km az=17.0, Moment
Tensor Solution: 55 Moment tensor: Scale 1017Nm

ZUR_RM 23:22:36:05.35, 80N-29.64E, h24km, Mw5.9/28, Moment
Tensor Solution: s28 Moment tensor: Scale 1017Nm;
Mw=5.9; Ms=5.35; Ms=6.25; Ms=2.80; Mw=0.17; Mw=0.26;
M=0.72; M=0.37; M=3.89N; M=2.06; M=2.36; M=0.80;
Best double couple: M=4.8x10^17 NP1=207; 862; lambda=8;
NP2=300; 883; lambda=152; Principal axes: T 4.96, P1g14,
Az=70; N-27, P1g16, Azm313; P-4.69, P1g26,
Azm167;

NEIC Felt [I] at Fethiye, Turkey, Felt [II] at Cairo, Egypt, Felt
[III] at Larnaca, Limassol and Nicosia, Cyprus, Felt at
Antalya, Kas and along much of the southern coast of
Turkey.

HRVD 23:22:36:05.0, 2.35, 89N-29.68E, h24km, MW5.8/74,
Centroid moment Tensor Solution. LP body waves:
s53,c98; Mantle waves: s74,c195; Half duration: 2s0
Moment tensor: Scale 1017Nm; M=1.10E+08;
Mw=3.37; 07; Mw=4.46; 08; Mw=3.56; 22; Mw=0.54; 06;
Mw=3.54; 22; Best double couple: M6:455x10^17 NP1:
624; 839; lambda=10; NP2=322; 884; lambda=128; Principal
axes: T 6.319, P1g28; Azm882; N 282; P1g38; Azm327;
P-6.591, P1g39; Azm198; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface/mantle waves,
cutoff=50s.

ISC 23:22:36:05.2, 35.79N-29.58E, h22km, ML5.8
THE 23:22:36:08.4, 35.90N-29.71E, h5km, ML5.7
SFS 23:22:36:08.0, 35.95N-29.71E, h32km
PDG 23:22:36:08.0, 3.36, 03N-29.52E, h22km, 1km
NIC 23:22:36:08.5, 0.0, 36.36N-29.69E, h30km
NIC Felt earthquake; Maximum Intensity 2; Earthquake
Eastern Med/ean Sea 45 km S Kas Felt=II at Nicosia,
Ynaxca & Li

GRAL 23:22:36:09.4, 1.35, 94N-30.02E, h0km, 485km, MD5.6
IDC 23:22:36:09.9, 1.1, 35.98N-29.64E, h42km, mb4.9/20,
Mb1.5/2/2, mb1mx5/1/29, mbtmp5/2/29, ML4.8/8, MS5.2/12,
Mb1.5/2/2, mb1mx5/0/21, Error ellipse: s-maj=9.7km
s-min=7.1km az=158.0

HLW 23:22:36:10.0, 35.83N-29.59E, h30km, Mb5.7
ISC 23:22:36:07.4, 0.2, 35.85N-0.01, 29.67E, 0.01, h42km, 1km,
h32km, 3.6km, pP-P, N125.6, e134/1173, mb5.4/186,
MS5.3/133, 98C-50D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FETV, FETV, ELL, ELL, ARG, ARG, ANTB, ANTB, YER, YER, YER, YER, BCK, BCK, DNZL, DNZL, DENI, DENI, MLSB, MLSB, BDRM, BDRM, TKPT, TKPT, AYDN, AYDN, PPHY, PPHY, PPHY, PPHY, KHL, KHL, KHL, KHL, ALFC, ALFC, HDMB, HDMB, LEF, LEF, MANT, MANT, MANT, MANT, SMG, SMG, MAMC, MAMC, KONT, KONT, KONT, CSS, CSS.

PHNC Paralimni 3.67 102 P P 22 27 05.2 +2.1
MEST Mest 3.70 77 P P 22 27 04.7 +1.2
ESKT Eskisehir 3.78 14 Pn P 22 27 04.6 -0.2
ULDT Uluturk 3.78 14 Pn P 22 27 04.2 -0.6
IDI Anoyia 3.93 263 P P 22 27 07.4 +0.5
IDI 280nm, 0.3s, baz=63, slow=12, SNR=494 S S 22 27 50.8 -1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BTOK, AYVA, ORLT, ORLT, PRK, PRK, GPG, NIG, NIG, GVD, GVD, BNT, BNT, EDC, EDC, ANTO, ANTO, YLV.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like VVDA, YKA, ASAR, WRA, SONM.

IDC 23 23:21:24.9, 3.0, 35.353, 179.46E, mb3.8/2, mb1 4.1/3, mb1mx3.7/13, mbtmp3.9/3, ML4.0/1, Error ellipse:

s-maj=68.1km s-min=44.1km az=114.0, Error ellipse: s-maj=5.6km s-min=2.7km az=90.0

WEL 23 23:21:32.8, 0.3, 35.645, 179.07E, h32km, ML4.1/8, Error ellipse: s-maj=5.6km s-min=2.7km az=90.0

NEIC 23 23:21:40.5, 2.3, 36.606, 179.13E, h136km, 18km, Error ellipse: s-maj=41.5km s-min=32.5km az=119.0

ISC 23 23:21:34.4, 1.2, 35.805, 176.38E, 2.0, h33km, n22, s132/30, mb3.5/2, 1C, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like MXZ, WRA, URZ, FET, etc.

IGQ 23 23:40:18.7, 1.50S, 81.53W, h12km, 22km, mb4.0, 2C, Error ellipse: s-maj=22.9km s-min=10.9km az=161.7, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like IGUA, ARRY, RUNZ, ULBA, etc.

IDC 23 23:52:22.8, 1.2, 25.48N, 125.17E, mb3.5/5, mb1 3.7/5, mb1mx3.6/20, mbtmp3.5/5, MS3.1/1, Ms1 3.1/1, ms1mx2.2/25, Error ellipse: s-maj=55.1km s-min=27.4km az=75.0

JMA 23 23:52:33.0, 3.1, 1.25, 35N, 124.99E, h80km, 3km, M3.4, ISC 23 23:52:32.1, 0.5, 25.343, 125.05E, 0.7, h9km, 7km, n15, s0562/23, mb3.4/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JMJ, JOGS, JTK, etc.

IDC 23 23:58:57.0, 4.3, 5.62S, 152.92E, mb4.0/3, mb1 4.2/4, mb1mx4.0/14, mbtmp4.1/4, ML2.9/1, Error ellipse: s-maj=116.8km s-min=31.6km az=110.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like PMG, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like ISR, ISR, ISR, etc.

CSEM 24 00:02:27.0, 0.1, 35.79N, 29.60E, h10km, MD3.5, Error ellipse: s-maj=4.1km s-min=2.1km az=92.0

ISK 24 00:02:30.2, 35.89N, 29.56E, h32km, MD3.5, HLW 24 00:02:30.1, 35.91N, 29.58E, h19km, Mb3.5, ISC 24 00:02:30.4, 35.78N, 29.63E, 0.07, h10km, n26, s101/31, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like FET, FET, FET, etc.

TAP 24 00:06:52.8, 23.07N, 121.31E, h17km, ML3.7, TAP Feit II J at Chengung, I J at Lidau, JMA 24 00:06:53.0, 23.01N, 121.51E, h83km, M3.0, ISC 24 00:06:52.1, 0.4, 23.01N, 121.45E, 0.2, h19km, 4km, n59, s089/94, 11C-1D, Taiwan

IDC 24 00:22:41.9, 0.1, 1.10S, 120.44E, h17km, mb5.0, mb4.5, Ms4.4, Ms2.1, IDC 24 00:22:18.1, 0.8, 1.20S, 119.87E, mb4.1/8, mb1 4.2/8, mb1mx4.0/16, mbtmp4.1/8, MS4.0/1, Ms1 3.9/1, ms1mx2.8/13, Error ellipse: s-maj=57.0km s-min=15.4km az=63.0

NEIC 24 00:22:19.9, 0.5, 1.11S, 120.03E, h10km, mb4.6/6, Error ellipse: s-maj=35.8km s-min=8.9km az=65.0

NEIC 24 00:22:15.5, 0.5, 1.15S, 120.10E, 1.0, h33km, n24, s1500/24, mb5.0/17, MS4.0/1, Sulawesi

IDC 24 00:22:43.6, 0.3, 1.15S, 119.96E, h10km, mb5.0, mb4.7, Ms4.5, Ms2.1, NEIC 24 00:22:43.6, 0.3, 1.15S, 119.96E, h10km, mb4.8/13, Error ellipse: s-maj=15.8km s-min=6.6km az=63.0

NEIC 24 00:22:45.7, 1.5, 0.96S, 120.14E, h33km, mb4.9/18, Error ellipse: s-maj=19.4km s-min=9.6km az=109.8

ISC 24 00:22:45.2, 2.4, 1.09S, 107.120E, 0.10, h37km, 22km, n59, s095/56, mb4.7, 28B, MS4.1/1, 2C-2D, Sulawesi

IDC 24 00:22:41.9, 0.1, 1.10S, 120.00E, h10km, mb5.0, mb4.7, Ms4.5, Ms2.1, NEIC 24 00:22:43.6, 0.3, 1.15S, 119.96E, h10km, mb4.8/13, Error ellipse: s-maj=15.8km s-min=6.6km az=63.0

NEIC 24 00:22:45.7, 1.5, 0.96S, 120.14E, h33km, mb4.9/18, Error ellipse: s-maj=19.4km s-min=9.6km az=109.8

ISC 24 00:22:45.2, 2.4, 1.09S, 107.120E, 0.10, h37km, 22km, n59, s095/56, mb4.7, 28B, MS4.1/1, 2C-2D, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like CHKT, TWF1, TWF1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like PNG, TWA, YOJ, etc.

BUI 24 00:22:18.0, 1.1, 1.10S, 120.44E, h17km, mb5.0, mb4.5, Ms4.4, Ms2.1, IDC 24 00:22:18.1, 0.8, 1.20S, 119.87E, mb4.1/8, mb1 4.2/8, mb1mx4.0/16, mbtmp4.1/8, MS4.0/1, Ms1 3.9/1, ms1mx2.8/13, Error ellipse: s-maj=57.0km s-min=15.4km az=63.0

NEIC 24 00:22:19.9, 0.5, 1.11S, 120.03E, h10km, mb4.6/6, Error ellipse: s-maj=35.8km s-min=8.9km az=65.0

NEIC 24 00:22:15.5, 0.5, 1.15S, 120.10E, 1.0, h33km, n24, s1500/24, mb5.0/17, MS4.0/1, Sulawesi

IDC 24 00:22:41.9, 0.1, 1.10S, 120.00E, h10km, mb5.0, mb4.7, Ms4.5, Ms2.1, NEIC 24 00:22:43.6, 0.3, 1.15S, 119.96E, h10km, mb4.8/13, Error ellipse: s-maj=15.8km s-min=6.6km az=63.0

NEIC 24 00:22:45.7, 1.5, 0.96S, 120.14E, h33km, mb4.9/18, Error ellipse: s-maj=19.4km s-min=9.6km az=109.8

ISC 24 00:22:45.2, 2.4, 1.09S, 107.120E, 0.10, h37km, 22km, n59, s095/56, mb4.7, 28B, MS4.1/1, 2C-2D, Sulawesi

IDC 24 00:22:41.9, 0.1, 1.10S, 120.00E, h10km, mb5.0, mb4.7, Ms4.5, Ms2.1, NEIC 24 00:22:43.6, 0.3, 1.15S, 119.96E, h10km, mb4.8/13, Error ellipse: s-maj=15.8km s-min=6.6km az=63.0

NEIC 24 00:22:45.7, 1.5, 0.96S, 120.14E, h33km, mb4.9/18, Error ellipse: s-maj=19.4km s-min=9.6km az=109.8

ISC 24 00:22:45.2, 2.4, 1.09S, 107.120E, 0.10, h37km, 22km, n59, s095/56, mb4.7, 28B, MS4.1/1, 2C-2D, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like FITZ, WRAB, WRA, etc.

HIA	Hailar	48.73	20	eP	P	00 48 04.7 +0.9
HIA	comp=Z,5.0nm,0.6s				pmax	
HIA	Hailar	48.73	20	eP	P	00 48 04.7 +1.0
HIA	comp=Z,5.4nm,0.6s,mb4.8					
MDJ	Mudanjiang	49.41	31	P	P	00 48 13.3 +4.2
MDJ	AP				pP	00 48 19.3 +3.8
MDJ	PCP				pP	00 49 33.1 +1.5
MDJ	P				S	00 53 30.1
MDJ	S				S	00 55 22.3 +8.6
MDJ	AMB				AMB	
MDJ	comp=Z,22nm,1.3s,mb5.0					
MDJ	AMB				AMB	
MDJ	comp=Z,116nm,5.4s					
MDJ	LR				LR	
MDJ	comp=N,978nm,21.5s,MS5.2					
MDJ	LR				LR	
MDJ	comp=E,2um,21.5s,MS5.2					
MDJ	LR				LR	
MDJ	comp=Z,1um,20.3s,MS4.9					
MDJ	Mudanjiang	49.41	31	P	P	00 48 10.0 +0.9
MAJO	Matsushiro	49.92	45	eP	P	00 48 15.1 +2.0
MAJO	comp=Z,14nm,0.7s,mb5.1				pmax	
MAJO	Matsushiro	49.92	45	eP	P	00 48 15.1 +2.0
MAJO	comp=Z,14nm,0.7s,mb5.1					
MAT	Matsushiro	49.92	45	P	S	00 48 17.0 +3.9
MAT	S				S	00 55 17.0 -3.9
MAT	comp=Z,15nm,0.8s,mb5.1				pmax	
MAT	MLR				MLR	
MAT	comp=Z,1um,20.0s,MS4.8					
MAT	Matsushiro	49.92	45	P	P	00 48 17.0 +3.9
MAT	comp=Z,15nm,0.8s,mb5.1					
MAT	S				S	00 55 17.0 -3.9
MAT	LR				LR	
MAT	Matsushiro	49.92	45	P	P	00 48 17.0 +3.9
MAT	eS				S	00 55 17.0 -3.9
MAT	P				P	00 48 13.1 0.0
ZAL	Zalesovo	49.96	351	P	P	00 48 13.1 0.0
ZAL	comp=Z,3.5nm,0.6s,mb4.6,baz=310,slow=7.9,SNR=26					
ZAL	LR				LR	01 15 11.6
ZAL	comp=Z,811nm,18.1s,MS4.8,baz=294,slow=4.3					
ZAL	iS				P	00 48 18.9 -2.7
ZAL	P				P	00 55 28.4 -8.2
NVS	Novosibirsk	51.08	350	iP	P	00 48 18.9 -2.7
NVS	P				P	00 55 28.4 -8.2
NVS	comp=N,5.0nm,0.9s				pmax	
NVS	pmax				pmax	
NVS	comp=Z,9.0nm,0.9s,mb4.7					
NVS	pmax				pmax	
NVS	comp=E,4.0nm,0.5s					
NVS	smax					
NVS	comp=N,21nm,1.9s					
NVS	smax					
BVAO	Borovoye Array	52.62	341	P	P	00 48 30.9 -2.4
BVAO	comp=Z,6.0nm,1.1s,mb4.6				pmax	
BVAO	pmax				pmax	
BVAO	comp=Z,6.0nm,1.1s,mb4.6					
BVAO	pmax				pmax	
BVAO	Borovoye Array	52.62	341	P	P	00 48 31.2 -2.1
BVAO	comp=Z,4.8nm,0.8s,mb4.5,baz=135,slow=8.4,SNR=16					
BVAO	pmax				pmax	
BVAO	Borovoye	52.62	341	eP	P	00 48 31.6 -2.2
BVAO	comp=Z,5.0nm,0.6s,mb4.6				pmax	
BVAO	pmax				pmax	
BVAO	Borovoye	52.62	341	eP	P	00 48 31.6 -2.1
BVAO	comp=Z,4.8nm,0.6s,mb4.6					
BVAO	P				P	00 48 32.2 -2.7
BVAO	Port Moresby	52.76	105	eP	P	00 48 32.2 -2.7
BVAO	comp=Z,4.3nm,0.7s				pmax	
BVAO	pmax				pmax	
BVAO	PMG				MLR	
BVAO	comp=Z,773nm,20.0s					
BVAO	PMG				MLR	
BVAO	Port Moresby	52.76	105	P	P	00 48 33.5 -1.3
BVAO	comp=Z,28nm,0.8s,mb5.2,baz=272,slow=5.0,SNR=5.7					
BVAO	P				P	00 48 33.2 -2.7
BVAO	Port Moresby	52.76	105	eP	P	00 48 33.2 -2.7
BVAO	comp=Z,4.3nm,0.7s,mb5.5					
BVAO	LR				LR	
BVAO	comp=Z,773nm,20.0s,MS4.8					
BVAO	CHKZ	53.09	341	iP	P	00 48 35.5 -1.3
BVAO	comp=Z,47nm,1.1s,mb5.6				pmax	
BVAO	CHKZ	53.09	341	eP	P	00 48 42.2 +1.1
BVAO	comp=Z,47nm,1.1s,mb5.6					
BVAO	KLK	53.67	28	eP	P	00 50 38.0
BVAO	KLK				S	00 56 10.0 -2.1
BVAO	KLK				pmax	
BVAO	comp=E,35nm,1.8s				pmax	
BVAO	pmax				pmax	
BVAO	KLK				MLR	
BVAO	comp=Z,60nm,1.8s,mb5.2					
BVAO	MLR				MLR	
BVAO	comp=E,900nm,12.5s					
BVAO	MLR				MLR	
BVAO	comp=Z,2um,12.5s,MS5.3					
BVAO	Bodaibo	54.81	12	eP	P	00 48 47.8 -1.6
BVAO	Charters Tower	55.06	118	eP	P	00 48 50.9 -0.8
BVAO	comp=Z,35nm,0.8s,mb5.4					
BVAO	Charters Tower	55.06	118	eP	P	00 48 50.9 -0.8
BVAO	comp=Z,35nm,0.8s				pmax	
BVAO	Charters Tower	55.06	118	LR	LR	01 13 06.0
BVAO	comp=Z,1um,22.0s,MS5.0,baz=288,slow=37					
BVAO	Charters Tower	55.06	118	eP	P	00 48 50.0 -1.7
BVAO	comp=Z,50nm,0.8s,mb5.6				pmax	
BVAO	Charters Tower	55.06	118	eP	P	00 48 50.0 -1.7
BVAO	comp=Z,50nm,0.8s,mb5.6					
BVAO	ADE	56.20	138	eP	P	00 49 00.8 +1.1
BVAO	STKA	56.50	133	P	P	00 49 01.6 -0.4
BVAO	comp=Z,59nm,0.8s,mb5.7,baz=309,slow=6.8,SNR=83					
BVAO	STKA				LR	01 12 35.8
BVAO	comp=Z,1um,21.7s,MS4.9,baz=295,slow=35					
BVAO	STKA	56.50	133	eP	P	00 49 01.3 -0.7
BVAO	Chul'man	56.77	18	eP	P	00 49 07.8 +4.3
BVAO	CLNS				e	00 50 03.5
BVAO	CLNS				e	00 51 05.3
BVAO	CLNS				ePPP	00 52 23.7 -6.3
BVAO	CLNS				eS	00 56 58.9 +5.5
BVAO	CLNS				pmax	
BVAO	comp=Z,11nm,1.1s,mb4.8					
BVAO	CLNS				pmax	
BVAO	comp=N,10.0nm,0.9s				pmax	
BVAO	CLNS				pmax	
BVAO	comp=E,4.0nm,0.8s					
BVAO	CLNS				pmax	
BVAO	comp=Z,5.0nm,1.1s,mb4.5				pmax	
BVAO	CLNS				pmax	
BVAO	comp=N,5.0nm,0.9s					
BVAO	CLNS				pmax	
BVAO	comp=E,8.0nm,0.9s				smax	
BVAO	CLNS				smax	
BVAO	comp=N,7.0nm,1.0s					
BVAO	CLNS				smax	
BVAO	comp=E,3.0nm,0.9s					
BVAO	CLNS				smax	
BVAO	comp=Z,4.0nm,0.9s					
BVAO	CLNS				MLR	
BVAO	comp=Z,3um,15.0s,MS5.5				MLR	
BVAO	CLNS				MLR	
BVAO	comp=N,1um,17.0s,MS5.2					
BVAO	CLNS				MLR	
BVAO	comp=E,500nm,13.0s,MS5.2					
BVAO	GNI	58.06	315	P	P	00 49 13.1 +0.3
BVAO	AKASG				pmax	
BVAO	GNI	58.06	315	P	P	00 49 13.1 +0.3
BVAO	comp=Z,15nm,0.9s					
BVAO	GNI	58.06	315	P	P	00 49 12.0 -0.8
BVAO	comp=Z,15nm,0.9s,mb5.0,baz=18,slow=5.2,SNR=3.2					
BVAO	GNI	58.06	315	eP	P	00 49 17.8 +4.6
BVAO	Yuzh-Sakhalins	58.13	36	eP	P	00 49 30.0
BVAO	YSS				e	00 49 30.0
BVAO	YSS				e	00 57 20.0
BVAO	YSS				MLR	
BVAO	comp=Z,600nm,14.0s,MS4.9					
BVAO	YSS	58.13	36	P	P	00 49 15.0 +1.8
BVAO	comp=Z,42nm,1.1s,mb5.4					
BVAO	SVE	59.07	338	eP	P	00 49 16.0 -3.6
BVAO	Kilima Mbogo	59.09	266	P	P	00 49 22.6 +2.2
BVAO	comp=Z,19nm,0.9s,mb5.1,baz=51,slow=9.9,SNR=52					
BVAO	Kilima Mbogo	59.09	266	eP	P	00 49 22.6 +2.2
BVAO	comp=Z,19nm,0.9s,mb5.1,baz=51,slow=9.9,SNR=52					
BVAO	Kilima Mbogo	59.09	266	eP	P	00 49 22.4 +2.0
BVAO	comp=Z,27nm,1.0s,mb5.2					
BVAO	ARU	59.57	337	eP	P	00 49 16.1 -7.0
BVAO	ARU				eS	00 50 03.4
BVAO	ARU				MLR	
BVAO	comp=Z,2um,20.5s,MS5.2					
BVAO	ARU				MLR	

ARU	comp=N,700nm,22.0s,MS5.1				MLR	MLR
ARU	Arti	59.57	337	eP	P	00 49 15.3 -7.8
ARU	comp=E,8.2nm,1.0s,mb4.7					
ARU	Tsey	59.70	318	eP	P	00 49 23.2 -1.0
ARU	i*PP				pP	00 49 32.5 +1.8
ARU	i				P	00 51 35.2
ARU	comp=Z,13nm,1.3s,mb4.8				pmax	
ARU	Kislovodsk	60.98	318	eP	P	00 49 31.6 -1.3
ARU	KIV				e	00 50 15.5
ARU	KIV				ePPP	00 53 11.7 -5.7
ARU	KIV				eS	00 57 47.5 -0.9
ARU	KIV				pmax	
ARU	comp=Z,22nm,1.0s,mb5.2					
ARU	KIV				MLR	MLR
ARU	comp=N,284nm,18.0s,MS4.8					
ARU	KIV				MLR	MLR
ARU	comp=E,537nm,18.0s,MS4.8					
ARU	KIV				MLR	MLR
ARU	comp=Z,452nm,18.0s,MS4.7					
ARU	Kislovodsk	60.98	318	eP	P	00 49 31.1 -1.8
ARU	comp=Z,20nm,1.0s,mb5.2				LR	LR
ARU	comp=Z,140nm,21.0s,MS4.1					
ARU	Gofitskoye	61.21	320	eP	P	00 49 32.0 -2.4
ARU	Malatya	62.02	311	eP	P	00 49 39.2 -0.8
ARU	MALT				pmax	
ARU	MALT				pmax	
ARU	Malatya	62.02	311	eP	P	00 49 39.2 -0.8
ARU	comp=Z,13nm,1.2s,mb4.9					
ARU	Yakutsk	62.40	17	eP	P	00 49 42.6 +0.4
ARU	YAK				iPPP	00 49 54.4 +5.6
ARU	YAK				pP	00 50 18.7
ARU	YAK				eS	00 58 23.1 +1.7
ARU	YAK				pmax	
ARU	comp=Z,14nm,0.9s,mb5.1					
ARU	YAK				pmax	
ARU	comp=N,8.0nm,1.2s				pmax	
ARU	YAK				pmax	
ARU	comp=E,9.0nm,1.2s				smax	
ARU	YAK					
ARU	comp=E,34nm,5.9s				MLR	MLR
ARU	YAK				MLR	MLR
ARU	comp=N,800nm,15.0s,MS5.2					
ARU	YAK				MLR	MLR
ARU	comp=E,900nm,15.0s,MS5.2					
ARU	YAK				MLR	MLR
ARU	comp=Z,1um,15.0s,MS5.2					
ARU	Yakutsk	62.40	17	eP	P	00 49 42.4 +0.1
ARU	comp=Z,46nm,0.8s,mb5.1					
ARU	EIL	62.72	301	eP	P	00 49 45.1 +0.3
ARU	Clat					
ARU	comp=Z,48nm,1.3s,mb5.5					
ARU	Sochi	62.83	317	eP	P	00 49 42.7 -2.6
ARU	SOC				e	00 50 20.9
ARU	SOC				e	00 51 57.8
ARU	SOC				eS	00 58 09.9 -1.9
ARU	SOC				e	00 59 24.7
ARU	SOC				eSS	01 02 12.9 -6.1
ARU	SOC				pmax	
ARU	comp=Z,46nm,0.6s,mb5.8			</		

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGQ 24 00:44:03.4, IGQ 24 00:44:03.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye Array, etc.

IGQ 24 00:45:38.4, 9.8, 4.47N-94.98E, mb4.0/5, mb1 4.0/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb1mx3.8/18, mbtmp4.0/5, Error ellipse: s-maj=232.9km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNC 24 01:18:10.9, NNC 24 01:18:10.9, etc.

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

IGQ 24 01:32:39.8, 0.6, 2.58N-95.80E, mb4.4/5, mb1 4.5/6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ms1mx2.5/20, Error ellipse: s-maj=28.7km, etc.

Table with columns: STA, Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, BVAA Borovoye Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, IRIIF Iriomote-Funau, etc.

Table with columns: BJT, Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BJT Baijiatatau, SONM Songoing Array, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, ZAL Zalawo, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Aguaiata, ARRY Arayyan, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, PDAR Pinedale Array, SCHO Schefferville, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANCH Antofagasta, ANCH bazz=45, slow=6.2, SPCH San Pedro de A, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, AYDN Tasoluk, FETI Fethiye, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, ASAR 1.4nm, 0.7s, bazz=92, slow=7.8, SNR=14, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, ASAR 1.4nm, 0.7s, bazz=92, slow=7.8, SNR=14, etc.

Table with columns: JAM, Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JAM Kikashima, JZK Tokunoshima, JTK Takunoshima, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LEON Leon, CRIN San Cristobal, CRIN Telica 3, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WILN Americas 2, WILN Tiquantepe, PYTN Miramar, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BOOS Boqueron, VCR Vista de Mar, SNJE San Jose, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ANCH Antofagasta, ANCH bazz=45, slow=6.2, SPCH San Pedro de A, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, AYDN Tasoluk, FETI Fethiye, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, ASAR 1.4nm, 0.7s, bazz=92, slow=7.8, SNR=14, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, ASAR 1.4nm, 0.7s, bazz=92, slow=7.8, SNR=14, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY Talaya, MUN Munding, IRK Irkutsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAK, GOF, PMG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GOF, PMG, URFA, etc.

HDMB	Hadim	61.80 308	eP	P	04 27 04.0 -0.2
HDMB	Hadim	61.80 308	P	P	04 27 04.0 -0.2
CANT	Cankiri	61.83 312	P	P	04 27 02.4 -2.0
CANT	Cankiri	61.83 312	P	P	04 27 02.4 -2.0
PECR	Pechory	61.84 332	eP	P	04 27 02.4 -1.8
PECR			S	S	04 35 28.0 +4.8
PECR	comp=Z,3µm,11.0s		pmax	pmax	
PECR	comp=N,3µm,13.0s		smax		
PECR	comp=Z,33µm,22.0s,MS6.5		MLR	MLR	
PECR			MLR	MLR	
PECR	comp=N,8µm,18.0s				
BZK	Bozkurt	61.92 314	eP	P	04 27 04.2 -0.7
BZK	Bozkurt	61.92 314	P	P	04 27 04.2 -0.7
ELDT	Eldivan	61.94 312	iP	P	04 27 03.6 -1.5
VOR	Voronezh	62.11 326	eP	P	04 27 05.0 -1.1
VOR			pmax	pmax	
KONT	Konya-Tatoy	62.12 309	P	P	04 27 06.2 -0.1
KONT	Konya-Tatoy	62.12 309	P	P	04 27 06.2 -0.1
MBAR	Mbarara	62.13 265	PFAKE	LR	04 27 02.0 +1.3
MBAR			LR	LR	
ANTO	Ankar	62.25 311	eP	P	04 27 05.8 -1.4
ANTO	Ankar	62.25 311	P	P	04 27 05.8 -1.4
BALT	Baday	62.25 313	iP	P	04 27 06.7 -0.4
LOD	Lodumlu	62.27 311	P	P	04 27 05.7 -1.7
LOD	Lodumlu	62.27 311	P	P	04 27 05.7 -1.7
SAFT	Safranbolu	62.67 313	P	P	04 27 09.0 -1.1
SAFT	Safranbolu	62.67 313	P	P	04 27 09.0 -1.1
KIZT	Kizilcal	62.70 310	eP	P	04 27 08.8 -1.4
KIZT	Kizilcal	62.70 310	P	P	04 27 08.8 -1.4
SIM	Simferopol'	62.73 317	eP	P	04 27 10.0 +0.3
SIM			eS	eS	04 35 45.0 +1.1
SIM			pmax	pmax	
SIM	Simferopol'	62.73 317	P	P	04 27 10.8 +0.5
ANTB	Antalya	63.22 308	eP	P	04 27 19.8 +6.0
BCK	Bucak	63.38 308	eP	P	04 27 13.8 -1.0
BCK	Bucak	63.38 308	P	P	04 27 13.8 -1.0
MDU	Mudurnu	63.56 312	P	P	04 27 14.2 -1.7
MDU	Mudurnu	63.56 312	P	P	04 27 14.2 -1.7
ESKT	Eskisehir	63.62 311	P	P	04 27 15.0 -1.3
ESKT	Eskisehir	63.62 311	P	P	04 27 15.0 -1.3
ESKT	Eskisehir	63.62 311	iP	P	04 27 15.4 -0.9
ELL	Elmal	63.78 307	eP	P	04 27 15.6 -1.8
ELL	Elmal	63.78 307	P	P	04 27 15.6 -1.8
HENT	Hendek	63.88 312	iP	P	04 27 13.6 -4.4
ALT	Altintas	64.08 310	P	P	04 27 18.3 -1.0
ALT	Altintas	64.08 310	P	P	04 27 18.3 -1.0
KHL	Karahalli	64.38 309	P	P	04 27 19.7 -1.6
KHL	Karahalli	64.38 309	P	P	04 27 19.7 -1.6
FETY	Fethiyeh	64.41 307	eP	P	04 27 20.3 -1.2
DENT	Denizli	64.65 308	P	P	04 27 21.7 -1.4
DENT	Denizli	64.65 308	P	P	04 27 21.7 -1.4
MOS	Moscow	64.72 329	iP	P	04 27 22.0 -1.1
MOS			e	e	04 27 51.3
MOS			eS	eS	04 36 13.4 +1.4
MOS	comp=Z,700nm,1.7s,mb6.4		pmax	pmax	
MOS	comp=Z,400nm,1.6s,mb2.2		MLR	MLR	
MOS	comp=Z,28µm,20.5s,MS6.4		MLR	MLR	
MOS	comp=N,20µm,16.8s,MS6.5		MLR	MLR	
MOS			MLR	MLR	
HRT	Hereke	64.79 312	eP	P	04 27 21.3 -2.6
HRT	Hereke	64.79 312	P	P	04 27 22.3 -1.6
YLV	Yalova	64.98 311	P	P	04 27 23.1 -1.9
OBN	Obninsk	64.99 328	iP	P	04 27 20.8 -4.1
OBN			i	i	04 27 28.5
OBN			iP	iP	04 27 33.7 -3.1
OBN			e	e	04 28 04.7
OBN			e	e	04 28 21.7
OBN			iPPP	PPP	04 31 24.1 -0.1
OBN			iS	S	04 35 59.6 -2.8
OBN			iPPS	SS	04 36 18.5 -2.0
OBN			eSS	SS	04 40 21.0 +4.5
OBN	comp=Z,500nm,1.7s,mb6.3		pmax	pmax	
OBN	comp=Z,284nm,1.5s,mb6.1		pmax	pmax	
OBN	comp=Z,29µm,19.0s,MS6.5		MLR	MLR	
OBN	Obninsk	64.99 328	eP	P	04 27 20.8 -4.1
OBN			comp=Z,314nm,1.3s,mb6.2	LR	LR
ULDT	Uludag	65.04 311	iP	P	04 27 24.6 -1.0
MANT	Manisa	65.16 309	iP	P	04 27 25.1 -1.2
ORLT	Orhaneli	65.20 311	eP	P	04 27 26.0 -0.6
ORLT	Orhaneli	65.20 311	P	P	04 27 26.0 -0.6
ISK	Istanbul-Kandi	65.30 312	P	P	04 27 26.3 -0.8
AYDN	Tasoluk	65.53 308	eP	P	04 27 28.2 -0.7
MLSB	Milas	65.55 308	eP	P	04 27 28.2 -0.7
MLSB	Milas	65.55 308	P	P	04 27 28.2 -0.7
BDRM	Kayabasi	65.78 307	iP	P	04 27 29.2 -1.1
BTOK	Tokmak	65.80 310	iP	P	04 27 32.5 +2.0
AKS	Aknisar	65.80 309	P	P	04 27 29.9 -0.5
AKS	Aknisar	65.80 309	P	P	04 27 29.9 -0.5
BALB	Balikesir	65.89 310	P	P	04 27 29.4 -1.6
BALB	Balikesir	65.89 310	P	P	04 27 29.4 -1.6
BNT	Bandirma	66.00 311	P	P	04 27 30.5 -1.2
BNT	Bandirma	66.00 311	P	P	04 27 30.5 -1.2
KDAG	Bornova	66.14 309	iP	P	04 27 31.6 -1.0
IZM	Izmir	66.14 309	P	P	04 27 31.6 -1.0
IZM	Izmir	66.14 309	P	P	04 27 31.6 -1.0
MRMT	Marmara Adasi	66.29 311	P	P	04 27 32.1 -1.3
BLCB	Balçova	66.31 309	eP	P	04 27 34.4 +0.7
BLCB	Balçova	66.31 309	P	P	04 27 34.4 +0.7
PSN	Preselentsi	66.51 311	P	P	04 27 33.1 -1.1
TIRR	Tirgusor	66.51 315	P	P	04 27 33.9 -0.9
MFT	Murette	66.56 311	eP	P	04 27 33.2 -2.0
CANB	Canakkale	66.58 310	eP	P	04 27 42.2 +6.9
SART	Tekirdag	66.61 311	iP	P	04 27 36.9 +1.3
AYVA	Ayvalik	66.74 310	iP	P	04 27 36.0 -0.3
KIS	Kishinev	66.85 318	P	P	04 27 34.0 -2.9
KIS			i	i	04 27 42.0
KIS			i	i	04 27 47.0 -1.8
KIS			eS	S	04 30 04.0
KIS			eS	S	04 36 22.0 -3.1
KIS	comp=E,192nm,1.4s		pmax	pmax	
KIS			pmax	pmax	
CFR	Caracul	66.87 316	iP	P	04 27 36.2 -0.9
HARR	Harsova	66.90 316	eP	P	04 27 36.5 -0.8
PRD	Provincia	66.95 314	iP	P	04 27 36.7 -0.9
EDRB	Edirne	67.16 312	P	P	04 27 39.3 +0.4
EDRB	Edirne	67.16 312	P	P	04 27 39.3 +0.4
SANT	Santorini	67.25 306	eP	P	04 27 38.2 -1.4
SANT			comp=Z,15nm,1.1s,mb5.0		
APE	Apeiranthos	67.29 307	eP	P	04 27 40.4 +0.5
APE	Apeiranthos	67.29 307	P	P	04 27 39.5 -0.3
BOZC	Bozcaada	67.31 310	iP	P	04 27 39.7 -0.2
JMB	Yambol	67.39 313	iP	P	04 27 40.0 -0.4
ALN	Alexandroupoli	67.50 311	eP	P	04 27 40.6 -0.5
INDI	Anoyia	67.57 305	P	P	04 27 41.1 -0.5
INDI			P	P	04 27 41.1 -0.5
IDI			P	P	04 27 41.1 -0.5
AKASG	Malin Array Be	67.59 322	P	P	04 27 39.1 -2.4
AKASG	comp=Z,13nm,0.7s,mb5.1,baz=90,slow=4.6,SNR=81		pp	pp	04 27 52.0 -1.4
AKASG	comp=Z,26nm,0.7s,baz=85,slow=5.1,SNR=13		PP	PP	04 30 11.4 -1.2
AKASG	comp=Z,14nm,0.9s,baz=88,slow=7.7,SNR=4.1		PKPPPK	PKPPPK	04 55 59.4
AKASG	comp=Z,1.9nm,0.8s,baz=286,slow=3.3,SNR=6.8				
LSZ	Lusaka	67.59 250	eP	P	04 27 42.2 +0.1
LSZ			pmax	pmax	
LSZ	comp=Z,98nm,1.2s,mb5.7		MLR	MLR	
LSZ	comp=Z,6µm,22.0s,MS6.5		MLR	MLR	
LSZ	Lusaka	67.59 250	eP	P	04 27 42.2 +0.1
LSZ			LR	LR	

IAS	comp=Z,6µm,22.0s,MS6.8				
IAS	lasi	67.73 318	eP	P	04 27 41.7 -0.7
SKR	Severo-Kuril's	67.75 308	P	P	04 27 39.7 -2.8
SKR			e	e	04 28 06.0
SKR			ePPP	PPP	04 31 44.0 -7.1
SKR			eS	S	04 37 14.0 -1.1
SKR			e	e	04 37 14.0
SKR	comp=Z,3µm,8.0s		pmax	pmax	
SKR	comp=Z,450nm,1.0s,mb6.5		pmax	pmax	
SKR	comp=N,640nm,1.4s		pmax	pmax	
SKR	comp=E,900nm,1.4s		pmax	pmax	
SKR	comp=N,6µm,12.0s		smax		
SKR	comp=E,7µm,12.0s		smax		
MA2	Magadan	67.98 28	eP	P	04 27 43.5 -0.3
MA2			e	e	04 27 56.3 +0.6
MA2			iS	S	04 36 38.4 -0.0
MA2			eS	SS	04 37 05.4 -3.0
MA2	comp=N,20nm,0.8s		pmax	pmax	
MA2	comp=E,300nm,0.8s		pmax	pmax	
MA2	comp=Z,100nm,0.8s,mb5.9		pmax	pmax	
MA2	Magadan	67.98 28	eP	P	04 27 43.2 -0.6
MA2	comp=Z,169nm,0.8s,mb6.1		LR	LR	
MA2	comp=Z,8µm,19.0s,MS6.0				
VRI	Vrincioiaia	67.99 317	iP	P	04 27 44.0 -0.1
VRI	Vrincioiaia	67.99 317	P	P	04 27 43.9 -0.2
SZH	Sztrazhica	68.02 314	P	P	04 27 43.5 -0.8
KDCZ	Kurdzhai	68.10 312	iP	P	04 27 44.5 -0.3
BUCI	Bucharest	68.16 315	P	P	04 27 45.5 +0.3
GVB	Gavdnos	68.17 304	iP	P	04 27 45.2 -0.2
CND	Canberra Mags	68.23 133	iP	P	04 27 45.3 -0.5
PVL	Pavilkeni	68.44 314	iP	P	04 27 47.5 +0.6
MLR	Muntele Rosu	68.45 316	P	P	04 27 46.7 -0.2
MLR	Muntele Rosu	68.45 316	P	P	04 27 46.6 -0.3
RZN	Rozhen	68.62 312	iP	P	04 27 47.5 -0.6
PLD	Plodiv	68.70 312	P	P	04 27 48.5 -0.1
OUR	Ourenopolis	68.95 310	eP	P	04 27 52.5 -0.2
MTUR	Matuu	69.00 316	P	P	04 27 49.8 -0.6
PAIG	Pailouri	69.13 310	eP	P	04 27 50.8 -0.5
PGB	Panagyurishte	69.17 313	iP	P	04 27 51.0 -1.5
IMMB	Imbogost	69.34 312	iP	P	04 27 51.4 -1.3
SRS	Serral	69.37 311	eP	P	04 27 51.6 -1.5
BUAR	Bucovina Array	69.43 309	eP	P	04 27 51.6 -1.5
XOR	Xorichti	69.43 309	eP	P	04 27 51.6 -1.5
MNK	Minsk	69.50 326	iP	P	04 27 47.0 -6.2
MNK			eS	S	04 37 06.0 +9.4
SOH	Sokhos	69.50 311	eP	P	04 27 52.3 -1.2
THE	Thessaloniki	69.77 311	eP	P	04 27 53.9 -1.2
KKB	Krupnik	69.85 312	P	P	04 27 54.5 -1.2
VTS	Vitoshka	69.87 313	P	P	04 27 55.3 -0.4
VTS	Vitoshka	69.87 313	iP	P	04 27 55.0 -0.7
KNT	Kendrikon	69.89 311	eP	P	04 27 54.6 -1.3
PET	Petrovoplovsk	69.90 36	eP	P	04 27 54.9 -0.8
PET			pmax	pmax	
PET	comp=Z,67nm,0.9s,mb5.6		MLR	MLR	
PET	comp=Z,9µm,20.0s,MS6.0				
PET	Petrovoplovsk	69.90 36	eP	P	04 27 54.9 -0.8
PET	comp=Z,67nm,0.9s,mb5.6		LR	LR	
PUL	Pulkovo	69.92 332	eP	P	04 27 53.9 -1.8
PUL			eS	S	04 36 57.9 -3.5
PUL	comp=N,59nm,0.6s		pmax	pmax	
PUL	comp=Z,106nm,0.6s,mb6.0		pmax	pmax	
PUL	comp=E,57nm,0.5s		smax		
PUL	comp=N,2µm,6.1s		smax		
PUL	comp=Z,1µm,4.9s		smax		
PUL	comp=E,3µm,6.6s		MLR	MLR	
PUL	comp=Z,17µm,19.0s,MS6.3		MLR	MLR	
PUL	comp=N,8µm,18.0s,MS6.2		MLR	MLR	
PUL	comp=E,8µm,18.0s,MS6.2		MLR	MLR	
AGG	Agios Georgios	70.05 309	eP	P	04 27 54.9 -2.0
LIT	Litohoron	70.06 310	eP	P	04 27 55.4 -1.5
SEY	Seychman	70.08 25	eP	P	04 27 56.1 -0.5
SEY			eS	S	04 28 18.5
SEY			eS	S	04 30 03.8 +0.6
SEY			eS	S	

Table with columns for station name, frequency, power, and other technical details. Includes stations like Raciborz, Timpagrande, Moravsky Berou, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Robic, Geres Array S, Koelbreinsper, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Grafenberg Arr, Moosalm, NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, WRA Warramunga Arr, WRAB Tennant Creek, etc.

ISC 24 06:35:13.3, 9.8, 52.19N-172.03W, mb3.1/4, mb1 3.5/5, mb1mx3.3/20, mbtmp3.1/5, ML3.4/1, Error ellipse: s-maj=187.4km s-min=52.6km az=78.0, NEIC 24 06:35:25.6, 6.0, 52.22N-169.83W, h10km, ML3.2(AEIC), Error ellipse: s-maj=18.9km s-min=9.0km az=149.0, ISC 24 06:35:24.7, 0.9, 52.22N-169.8W, 0.2, h10km, n15, r=100, 118, mb3.2/4, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIKO Nikolski, OKCE Okmok Cone E, OKCD Okmok Cone D, etc.

ISC 24 06:37:33.6, 28.0, 6.98N-92.46E, mb3.5/2, mb1 3.9/3, mb1mx3.8/17, mbtmp3.6/3, Error ellipse: s-maj=648.0km s-min=48.9km az=91.0, Nicobar Islands region

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

ISC 24 06:58:33.1, 1.3, 7.13N-92.26E, mb3.9/4, mb1 4.1/5, mb1mx3.8/18, mbtmp3.8/5, ML4.2/1, Error ellipse: s-maj=51.1km s-min=24.8km az=58.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

ISC 24 07:00:10.6, 7.9, 18.69N-107.66W, mb3.1/4, mb1 3.6/5, mb1mx3.4/16, mbtmp3.3/5, ML3.9/1, Error ellipse: s-maj=139.5km s-min=72.0km az=146.0, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array, etc.

CSEM 24 07:13:16.1, 0.1, 35.77N-29.60E, h5km, ML3.6, Error ellipse: s-maj=3.4km s-min=1.5km az=91.0, ISC 24 07:13:19.8, 35.88N-29.54E, h32km, ML3.4, H/W 24 07:13:26.7, 35.43N-29.57E, h32km, Mb3.6, ISC 24 07:13:16.7, 0.4, 35.76N-29.69E, 0.05, h5km, n27, r=121/35, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FETY Fethiye, ELL Elmal, BCK Bucak, DNZL Cakroluk, etc.

ISC 24 07:13:56.6, 1.2, 10.41N-92.72E, mb4.0/6, mb1 4.2/7, mb1mx4.0/17, mbtmp4.0/7, ML4.4/1, MS3.3/1, Ms1 3.5/1, ms1mx2.9/22, Error ellipse: s-maj=45.1km s-min=21.3km az=64.0, NEIC 24 07:14:01.6, 0.9, 10.41N-92.81E, h30km, mb4.5/2, Error ellipse: s-maj=25.7km s-min=14.3km az=82.0, ISC 24 07:13:59.6, 1.1, 10.4N, 0.1, 92.9E, 0.2, h30km, n12, r=0529/10, mb4.1/8, Andaman Islands region

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

ISC 24 07:24:23.0, 7.0, 32.06S-71.89W, mb4.0/5, mb1 4.2/8, mb1mx4.1/14, mbtmp4.0/8, ML4.4/3, MS3.8/3, ms1mx3.5/17, Error ellipse: s-maj=39.4km s-min=19.3km az=79.0, GUC 24 07:24:26.7, 0.8, 32.02S-71.92W, h29km, mb4.5/2, NEIC 24 07:24:26.7, 32.02S-71.92W, h29km, mb4.4/2, ML4.5(GUC), After GUC, ISC 24 07:24:25.1, 0.9, 31.99S-0.703, 72.03W, 0.06, h18km, 6km, n40, r=086/54, mb3.9/6, MS4.4/1, 11C-7D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PACH Papudo, ILCH Illapel, ILCH Las Cruces, etc.

ISC 24 07:25:19.6, 0.2, 34.37N-73.64E, h60km, MD3.7, Error ellipse: s-maj=10.0km s-min=3.0km az=77.0, NEIC 24 07:53:26.2, 2.2, 34.77N-74.00E, h30km, MD3.7(ATH), Error ellipse: s-maj=31.5km s-min=12.9km az=211.0, ATH 24 07:53:28.7, 35.08N-74.22E, h60km, 7km, MD3.7, ISC 24 07:53:20.6, 1.0, 34.35N-0.06, 23.7E, 0.1, h46km, 44km, region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STL Santa Lucia, SAN Santiago, SAN San, etc.

ISC 24 07:56:18.9, 1.1, 51.55N-177.04E, mb4.1/17, mb1 4.3/18, mb1mx4.2/4, mbtmp4.1/18, ML3.9/1, Error ellipse: s-maj=30.4km s-min=11.7km az=2.0, MOS 24 07:56:21.8, 1.1, 51.54N-176.95E, h33km, mb4.8/4, Error ellipse: s-maj=17.7km s-min=10.8km az=98.8, NEIC 24 07:56:22.6, 2.9, 51.49N-176.99E, h26km, 19km, mb4.6/5, ML4.1(AEIC), Error ellipse: s-maj=17.5km s-min=6.1km az=165.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdhos, VAM Varnos, XRY Xhristi, etc.

ISC 24 07:56:24.7, 1.0, 51.62N, 0.1, 176.98E, 0.06, h59km, 7km, n48, r=105/54, mb4.2/21, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, BVAR Borovoye Array, etc.

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

ISC 24 07:30:38.3, 3.1, 22.35S-177.94W, h334km, 30km, mb3.7/11, mb1 3.9/12, mb1mx3.7/18, mbtmp4.3/12, Error ellipse: s-maj=35.8km s-min=10.4km az=157.0, NEIC 24 07:30:42.4, 4.1, 22.56S-177.97W, h381km, 45km, mb4.0/7, Error ellipse: s-maj=28.5km s-min=12.6km az=181.0, ISC 24 07:30:36.1, 5.2, 22.43S, 0.10, 178.0W, 0.1, h325km, 52km, n24, r=071/20, mb3.9/16, 1C, South of Fiji Islands

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

ISC 24 07:30:36.1, 5.2, 22.43S, 0.10, 178.0W, 0.1, h325km, 52km, n24, r=071/20, mb3.9/16, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, YBH Yreka Blue Hor, NVAR Mina Array Bea, etc.

ISC 24 07:47:08.8, 4.4, 16.39S-178.49W, mb3.9/4, mb1 4.1/4, mb1mx3.8/14, mbtmp3.9/4, Error ellipse: s-maj=195.0km s-min=33.7km az=138.0, Fiji Islands region

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

HLW 24 07:53:18.5, 34.49N-23.40E, h33km, Mb3.5, CSEM 24 07:53:19.6, 0.2, 34.37N-73.64E, h60km, MD3.7, Error ellipse: s-maj=10.0km s-min=3.0km az=77.0, NEIC 24 07:53:26.2, 2.2, 34.77N-74.00E, h30km, MD3.7(ATH), Error ellipse: s-maj=31.5km s-min=12.9km az=211.0, ATH 24 07:53:28.7, 35.08N-74.22E, h60km, 7km, MD3.7, ISC 24 07:53:20.6, 1.0, 34.35N-0.06, 23.7E, 0.1, h46km, 44km, region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdhos, VAM Varnos, XRY Xhristi, etc.

ISC 24 07:56:18.9, 1.1, 51.55N-177.04E, mb4.1/17, mb1 4.3/18, mb1mx4.2/4, mbtmp4.1/18, ML3.9/1, Error ellipse: s-maj=30.4km s-min=11.7km az=2.0, MOS 24 07:56:21.8, 1.1, 51.54N-176.95E, h33km, mb4.8/4, Error ellipse: s-maj=17.7km s-min=10.8km az=98.8, NEIC 24 07:56:22.6, 2.9, 51.49N-176.99E, h26km, 19km, mb4.6/5, ML4.1(AEIC), Error ellipse: s-maj=17.5km s-min=6.1km az=165.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, BVAR Borovoye Array, etc.

24d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SONM Songino Array, YAK Yakutsk, SHLL Shillong, etc.

IDC 24 11:09:21.0, 12.0, 9.51N, 92.56E, mb3.4/2, mb1 3.7/3, mb1mx3.9/18, mbtmp3.4/3, MS3.8/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/16, Error ellipse: s-maj=270.4km s-min=46.0km az=96.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Jungmami, WRA Warramunga Arr, etc.

IDC 24 11:31:27.0, 9.175N, 95.78E, mb3.9/10, mb1 4.1/10, mb1mx3.9/18, mbtmp3.9/10, ML4.9/1, MS3.4/4, Ms1 3.5/4, ms1mx3.1/20, Error ellipse: s-maj=23.0km s-min=15.7km az=27.0

NEIC 24 11:31:28.0, 5.175N, 95.81E, h10km, mb4.4/7, Error ellipse: s-maj=11.3km s-min=7.9km az=214.0, BJI 24 11:31:29.2, 1.714N, 95.60E, h23km, mb4.3, mb4.4, Ms4.2, Ms4.0

ISC 24 11:31:26.9, 0.4, 17.67N, 0.06, 95.82E, 0.03, h10km, n45, r122/50, mb4.1/15, MS3.5/3, 2C-1D, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, JOW Jungmami, WRA Warramunga Arr, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SONM Songino Array, JOW Jungmami, KURK Kuratkov, etc.

IDC 24 11:39:07.5, 1.1, 5.45S, 151.58E, h86km, 7km, mb3.9/7, mb1 4.2/8, mb1mx4.1/13, mbtmp4.3/8, MS3.6/2, Ms1 3.6/2, ms1mx2.8/17, Error ellipse: s-maj=33.7km s-min=17.2km az=125.0

NEIC 24 11:39:10.0, 0.9, 5.41S, 151.52E, mb4.7/5, Error ellipse: s-maj=32.1km s-min=11.0km az=122.0

ISC 24 11:39:09.4, 3.2, 5.45S, 0.2, 151.3E, 0.2, h114km, 27km, h8km, n1, 4km, p-P, n17, r073/19, mb4.3/12, 1D, New Britain region

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

IDC 24 12:22:45.0, 1.0, 8.51N, 122.52E, h10km, mb4.1/8, mb1mx3.9/18, mbtmp3.8/8, ML5.0/1, MS3.6/4, Ms1 3.7/4, ms1mx3.1/27, Error ellipse: s-maj=28.3km s-min=18.5km az=126.0

NEIC 24 12:22:46.0, 0.4, 5.175N, 122.52E, h10km, mb4.5/4, Error ellipse: s-maj=9.3km s-min=7.3km az=147.0

NEIC Felt (II) at Blagoveshchensk, Russia. MOS 24 12:22:47.1, 1.3, 5.71N, 122.52E, h33km, mb4.4/5, Error ellipse: s-maj=10.3km s-min=8.2km az=103.7

MOS Felt (I) at Blagoveshchensk. BUJ 24 12:22:51.2, 5.1, 5.12N, 122.72E, h10km, mb4.1, mb4.4, ML5.0, Ms4.1, Ms3.9

ISC 24 12:22:43.9, 0.4, 5.172N, 0.04, 122.59E, 0.05, h10km, n49, r157/57, mb3.8/9, MS3.5/6, 1C-1D, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like HIA Hailar, CLNS Chu'lan, etc.

IDC 24 11:43:47.6, 1.2, 28.61N, 138.39E, mb3.5/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.5/4, Error ellipse: s-maj=68.7km s-min=27.3km az=100.0

JMA 24 11:44:43.1, 0.2, 28.58N, 139.37E, h553km, M3.7, ISC 24 11:44:43.0, 1.1, 28.50N, 0.1, 139.2E, 0.2, h547km, 10km, n18, r079/20, mb3.0/4, Bonin Islands region

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

IDC 24 11:59:15.9, 13.0, 6.60N, 91.49E, mb3.1/2, mb1 3.6/3, mb1mx3.3/18, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=304.6km s-min=52.0km az=93.0, Nicobar Islands region

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

IDC 24 12:19:06.2, 0.6, 5.63N, 77.56W, mb4.1/15, mb1 4.4/17, mb1mx4.2/21, mbtmp4.1/17, ML5.0/2, MS3.6/2, Ms1 3.6/2, ms1mx2.4/22, Error ellipse: s-maj=20.4km s-min=14.9km az=61.0

CASC 24 12:19:08.1, 0.3, 5.78N, 77.66W, h113km, 51km, MD4.9, mb4.2(NEIC) NEIC 24 12:19:11.8, 1.0, 5.61N, 77.52W, h40km, 10km, mb4.2/6, Error ellipse: s-maj=9.8km s-min=6.7km az=84.0

ISC 24 12:19:10.8, 1.3, 5.60N, 0.06, 77.49W, 0.05, h44km, 12km, n33, r098/34, mb4.2/18, MS3.3/1, 1D, Near west coast of Colombia

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like AZUJ Pedas, AZU Azuero, UPA Univ. de Panam, etc.

IDC 24 12:22:45.0, 1.0, 8.51N, 122.52E, h10km, mb4.1/8, mb1mx3.9/18, mbtmp3.8/8, ML5.0/1, MS3.6/4, Ms1 3.7/4, ms1mx3.1/27, Error ellipse: s-maj=28.3km s-min=18.5km az=126.0

NEIC 24 12:22:46.0, 0.4, 5.175N, 122.52E, h10km, mb4.5/4, Error ellipse: s-maj=9.3km s-min=7.3km az=147.0

NEIC Felt (II) at Blagoveshchensk, Russia. MOS 24 12:22:47.1, 1.3, 5.71N, 122.52E, h33km, mb4.4/5, Error ellipse: s-maj=10.3km s-min=8.2km az=103.7

MOS Felt (I) at Blagoveshchensk. BUJ 24 12:22:51.2, 5.1, 5.12N, 122.72E, h10km, mb4.1, mb4.4, ML5.0, Ms4.1, Ms3.9

ISC 24 12:22:43.9, 0.4, 5.172N, 0.04, 122.59E, 0.05, h10km, n49, r157/57, mb3.8/9, MS3.5/6, 1C-1D, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like HIA Hailar, CLNS Chu'lan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like WRAB, KURK, ASAR, ZAL, Zalesovo, BVAR, CHKZ, and ARCES.

IGQ 24 14:50:09.2, 2.55S, 80.48W, h12km, 29km, mb4.1, 1C, Error ellipse: s-maj=28.0km s-min=9.3km az=155.6, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like HOJA, IGUA, IGUA, PISA, NASTI, TAMBO, etc.

MOS 24 14:52:15.1, 1.1, 4.77N, 95.18E, h33km, mb5.0/33, Error ellipse: s-maj=12.9km s-min=6.6km az=107.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CM31, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, HYB, SHL, KMI, KMI, KMI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like AAK, CHMS, EK2S, USP, NWAO, NWAO, NWAO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like MKAR, SONM, SONM, SONM, SONM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like WRA, WRA, WRA, WRA, WRA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ZAK, ZAK, ZAK, ZAK, ZAK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ASAR, ASAR, ASAR, ASAR, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like TLY, TLY, TLY, TLY, TLY, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like KURK, KURK, KURK, KURK, KURK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like HIA, HIA, HIA, HIA, HIA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ZAL, ZAL, ZAL, ZAL, ZAL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like MDJ, MDJ, MDJ, MDJ, MDJ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like BVAR, BVAR, BVAR, BVAR, BVAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like BRVK, BRVK, BRVK, BRVK, BRVK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like FINES, FINES, FINES, FINES, FINES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like KAF, KAF, KAF, KAF, KAF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like KAF, KAF, KAF, KAF, KAF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like OJC, OJC, OJC, OJC, OJC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like MORC, MORC, MORC, MORC, MORC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ARCES, ARCES, ARCES, ARCES, ARCES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ZST, ZST, ZST, ZST, ZST, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like BILL, BILL, BILL, BILL, BILL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like BILL, BILL, BILL, BILL, BILL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like DPC, DPC, DPC, DPC, DPC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like PRU, PRU, PRU, PRU, PRU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like GERES, GERES, GERES, GERES, GERES, etc.

IGQ 24 15:01:50.4, 3.75S, 77.92W, h12km, 37km, mb4.9, Error ellipse: s-maj=34.2km s-min=11.8km az=70.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like CMAR, CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like SONM, SONM, SONM, SONM, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like WRA, WRA, WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like ASAR, ASAR, ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like ARU, ARU, ARU, ARU, ARU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like KIV, KIV, KIV, KIV, KIV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Paradox Valley, SADO, Nelson, etc.

NEIC 24 15:28:57.1, 2.51.92N; 169.15W, h10km, ML3.5(AEIC), Error ellipse: s-maj=23.3km s-min=7.8km az=151.0, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like NIKO, OKCE, OKCD, etc.

WEL 24 15:38:01.0, 3.36.59S; 177.38E, h178km, 4km, ML3.5/6, Error ellipse: s-maj=5.2km s-min=3.7km az=90.0, Off east coast of Nialand

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MXZ, MWZ, KIW, etc.

Table with columns: THZ, Tophouse, 6.22 213 ePN, P, 15 39 26.6 -5.2, etc.

NEIC 24 15:38:56.5, 6.9, 15.37N; 90.19W, h10km, 43km, mb3.7/2, Error ellipse: s-maj=29.4km s-min=14.7km az=199.0, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Las Nubes, TP2, PCG, etc.

ISC 24 15:38:54.7, 0.4, 15.33N; 0.03, 90.28W; 0.03, h10km, n37, a=112/46, mb3.6/6, MS3.1/3, 5C-12D, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BOQS, LFB, LBRS, etc.

ISC 24 15:46:29.1, 5.5, 6.18N; 93.06E, mb3.4/3, mb1 3.6/4, mb1mx3.4/18, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=158.2km s-min=31.0km az=76.0, Nicobar Islands

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

JMA 24 15:47:49.0, 0.3, 24.10N; 122.53E, h20km, TAP 24 15:47:53.2, 24.55N; 122.73E, h8km, 1km, ML2.5, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like YOJ, YOF, IRIF, etc.

ISC 24 16:01:37.2, 16.0, 0.26S; 124.63E, mb3.6/3, mb1 3.9/3, mb1mx3.9/9, mbtmp3.7/3, Error ellipse: s-maj=259.9km s-min=190.6km az=164.0, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, STKA, etc.

ISC 24 16:07:40.4, 0.5, 29.48S; 69.62W, h132km, 12km, ML3.6, 1C-10, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TLL, Tololo Astrono, 1.24 236 i, P, 15 08 06.8 +0.6, etc.

Table with columns: VACH, Vallena, 1.35 312 i, P, 15 08 07.5 +0.1, etc.

BUI 24 16:10:28.8, 6.25N; 92.37E, h32km, mb4.4, 16.10:34.8, 1.3, 7.41N; 92.55E, mb3.8/6, mb1 4.1/7, mb1mx3.8/19, mbtmp3.9/7, ML4.4/1, Error ellipse: s-maj=70.8km s-min=20.0km az=56.0, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PALK, CM31, CMAR, etc.

NIC 24 16:17:13.6, 20.0, 39.91N; 77.02E, h4km, 67km, mpv3.6, Error ellipse: s-maj=153.1km s-min=34.4km az=34.0, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ULHL, KZA, UCH, etc.

ISC 24 16:20:50.9, 39.75N; 0.05, 77.83E, 0.0, h39km, 10km, n37, a=105/34, mb3.8/10, 5C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AAA, TKM2, KBK, etc.

DDI Dehra Dun, 9.41 179 e, S, 15 21 21.9 -0.2, KURK Kurchatov, 10.98 3 i, P, 15 22 58.8, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BVA0, BVAR, BRVK, etc.

ZAL Zalesovo, 14.96 16 P, 15 20 51.4 +0.7, NYS Novosibirsk, 15.53 12 e, P, 15 20 59.6 +1.6, etc.

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

BRTR Keskin Arry, 33.72 284 P, 15 23 58.9 -1.2, FINES FINESSE Arry, 38.01 322 P, 15 24 36.4 +0.2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CMAR, SONM, etc.

ISC 24 16:27:40.2, 4.4, 8.95N; 91.53E, mb3.3/3, mb1 3.5/4, mb1mx3.3/18, mbtmp3.2/4, ML3.4/1, Error ellipse: s-maj=120.0km s-min=32.1km az=80.0, Nicobar Islands region

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like La Ceiba, El Faro, San Blas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Indian Meadow, Mina, MNV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DBIC, Dimboko, GBR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, WHN, LZH, ZAL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AML, QLMT, CHG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GERES, GIVF, BAIF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBar, KMBO, LSZ, BOS, DBIC, SUR, BRTR, PSZ, GERES, KHC, MORC, AKASG, NOA, BVAR, ARCES, ZAL, CMAR, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, VIS, HYB, IMP, SHL, JIRN, PKI, DMN, GKN, KOLN, LSA, ENH, XAN, UHLH, UCH, KBK, TKMK, AML, AAK, EKS, USP, SONM, UCH, KBK, TKMK, AML, AAK, EKS, USP, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA, ENH, UCH, KBK, AML, AAK, EKS, USP, SONM, ZAL, WRA, WRAB, BVAR, ASAR, ASH, BRTR, AKASG, FINES, ARCES, GERES, NOA.

IGQ 24 22:37:14.8, 1.155-81.43W, h12km, 27km, mb4.5, 5C-6D, Error ellipse: s-maj=26.7km s-min=7.5km az=172.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGUA, CUSU, MARY, JUA2, JUIV, TERV, PINO, ARRY, NAS1, RETU, PATA, RUN2, YANA, ULBA, PISA, VC1, TAMB, ANTI, COTA, CAYR, CAYA.

ms1mx2.5/21, Error ellipse: s-maj=28.7km s-min=16.3km az=44.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, VIS, HYB, IMP, SHL, JIRN, PKI, DMN, GKN, KOLN, LSA, ENH, XAN, UHLH, UCH, KBK, TKMK, AML, AAK, EKS, USP, SONM.

NEIC 24 23:18:25.7, 0.7, 1.43S-80.68W, h10km, mb3.9/4, Error ellipse: s-maj=21.4km s-min=11.6km az=64.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OTAV, NNA, SDV, LPAZ, LVC, SJG, SJG, SWK, MNTX, ANMO, SDCO, BW06, PDAR, NVAR, YCC, FKA, DBIC, DAWY, INK, ILAR.

IDC 24 22:52:59.5, 2.0, 6.08N-93.70E, mb3.9/5, mb1 4/0/6, mb1mx3.8/18, mbtmp3.8/6, ML3.4/1, MS1 3/3/1, ms1mx2.4/23, Error ellipse: s-maj=86.2km s-min=22.7km az=58.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, KURK, WRA, WRAB, ZAL, ZAL, ASAR, CHKZ, FINES.

NEIC 24 22:53:05.1, 1.0, 6.27N-94.09E, h30km, mb4.2/4, Error ellipse: s-maj=29.6km s-min=12.9km az=66.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, KURK, WRA, WRAB, ZAL, ZAL, ASAR, CHKZ, FINES.

NEIC 24 23:20:00, 41.80N, 139.40E, h180km, Mw4.0, Best double couple: Mb1.06x10^15 Np130°171°, 670°, 103°, NP2: 66°31', 82°3', 139°

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOSH, JOSH, JYM2, JSR, JSH, JSH, JKB, JOT, JIW, JIW, JSK, JEW, JANG, JNB, JNB, JHR, JFR, JOM, ASAJ, MAJO, MAJO, BILL, SONM, ZAL, ZAL, ZAL.

IDC 24 22:54:23.4, 9.2, 7.79N-93.91E, mb3.6/4, mb1 3/7/5, mb1mx3.8/18, mbtmp3.8/6, ML3.3/1, Error ellipse: s-maj=15.7km s-min=4.8km az=144.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, KURK, WRA, WRAB, ZAL, ZAL, ASAR, CHKZ, FINES.

BUI 24 23:15:41.2, 6.60N, 92.80E, h30km, mb4.3, MS3.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, KURK, WRA, WRAB, ZAL, ZAL, ASAR, CHKZ, FINES.

NEIC 24 23:20:10, 8.0, 3.71N-93.98E, mb4.4/15, mb1 4/5/16, mb1mx4.4/21, mbtmp4.3/16, ML4.4/1, MS3.0/1, MS1 3.2/1, Error ellipse: s-maj=18.4km s-min=15.7km az=94.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, SONM, KURK, WRA, WRAB, ZAL, ZAL, ASAR, CHKZ, FINES.

Table with columns for station call letters, name, frequency, and other details. Includes stations like LRV Little Rabbit, YNR Norris Junction, YMR Madison River, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like MCK MCKinley, MCK MCKinley, MCK MCKinley, etc.

Table of astronomical observations for 2005 JAN, columns include station name, time, magnitude, position, and other parameters.

Table of astronomical observations for 2005 JAN, columns include station name, time, magnitude, position, and other parameters.

Table of astronomical observations for 2005 JAN, columns include station name, time, magnitude, position, and other parameters.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like DAU Daniels Canyon, JLU Jordanelle, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like RES Resolute Bay, RES Resol Bay, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like RJF Les Rejoudoux, RJF Les Rejoudoux, etc.

Table with columns: FINES, FINES Array B, 99.28, 28, P, P, 23 40 31.3 -1.0. Includes sub-sections for Apatity, Borovoye Array, Zalesovo, and various station codes like AAK, WMO, KKR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

Table with columns: CUSU, Cusua, 3.66, 85, P, Pn, 23 34 08.4 +1.4. Includes station codes like JUIV, ARRY, RETU, etc.

IGQ 24 23:37:43.8, 1.62S:82.10W, h12km, 16km, mb4.9, Error ellipse: s-maj=16.3km s-min=9.7km az=168.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

IGQ 24 23:39:40.8, 1.36S:81.12W, h12km, 29km, mb4.2, 5D, Error ellipse: s-maj=29.3km s-min=6.7km az=167.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

IGQ 24 23:59:27.2, 1.47S:81.27W, h22km, 6km, mb4.7, Error ellipse: s-maj=9.0km s-min=6.7km az=149.4

IGQ 24 23:59:29.9, 0.7, 1.41S:80.78W, mb4.3/13, mb1 4.5/15, mb1mx4.3/22, mbmp4.3/15, ML4.1/2, MS4.4/1, Ms1 4.4/1, ms1mx2.2/21, Error ellipse: s-maj=26.7km s-min=15.0km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

IGQ 24 23:59:32.1, 1.40S:80.90W, h15km, Ms5.1, Msz3.5, NEIC 24 23:59:32.1±0.3, 1.43S:80.87W, mb5.0/24, MD4.7(IGQ), Error ellipse: s-maj=7.7km s-min=5.5km az=219.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, CUSU, JUIV, etc.

IGQ 24 23:42:43.1, 1.52S:81.15W, h4km±10km, mb4.1, 1C-3D, Error ellipse: s-maj=22.7km s-min=6.8km az=173.3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like HOJA, IGUA, CUSU, etc.

IGQ 24 23:42:57.0, 1.4, 9.21N:92.88E, mb3.7/5, mb1 3.9/6, mb1mx3.7/19, mbmp3.7/19, ML4.2/1, Error ellipse: s-maj=46.3km s-min=22.7km az=56.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like CM31, CMAR, PALK, etc.

Table with columns: BVAR, Borovoye Array, 47.30, 342, P, P, 23 51 32.1 +0.8. Includes station codes like CHKZ, WRA, WRAB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station codes like IGUA, HOJA, IGUA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SBF, mmax, pmax. Includes stations like Cap Rock, Amarillo, Alum Creek Sta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SBF, mmax, pmax. Includes stations like Ghalaghazi, Baghdad, Baghdad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SBF, mmax, pmax. Includes stations like SBF, MBDF, Montbard, etc.

BUI 25 00:03:51.9, 33.46N-45.23E, h76km, mb5.0, mb4.6, Ms5.1, Ms2.7
CSEM 25 00:03:52.0, 0.0, 33.44N-45.89E, h60km, mb4.4/23, Error ellipse: s-maj=1.5km s-min=1.2km az=55.0

Code Station Name Az AzZ Phase ID Time Res SBF mmax pmax
MOTA Moosalm 25 09 308 i/P P 00 09 54.8 +0.3
MOTA Moosalm 25 09 308 i/P P 00 09 54.8 +0.3

IGQ 25 00:04:21.9, 1.14S-81.03W, h12km, 5km, mb4.2, 3C-4D, Error ellipse: s-maj=8.4km s-min=6.6km az=146.6, Off coast of Ecuador
Code Station Name Az AzZ Phase ID Time Res SBF mmax pmax

mb1mx3.5/18, mbtmp3.5/5, ML4.0/1, Error ellipse: s-maj=79.0km s-min=24.3km az=71.0

NEIC 25 01:34:20.8, 1.2, 10.45N-93.19E, h30km, mb4.3/2, Error ellipse: s-maj=32.8km s-min=14.9km az=73.0

ISC 25 01:34:19.1, 1.3, 10.5N, 0.1, 93.3E, 0.2, h30km, n7, 05080/7, mb3.8/6, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, CHKZ Chkalovo, WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs.

IGQ 25 01:37:55.8, 1.52S-81.30W, h12km, 10km, mb4.1, 1C-2D, Error ellipse: s-maj=12.6km s-min=8.8km az=6.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatala, ARRY Arrayan, PATA Patacocha, RUN2 Runtun, ULBA Ulba, PISA Pisayambo, NAS1 Nasa, JU2 San Juan 2, TERV Terraza Guagua, PINO Pino, VC1 Cotopaxi 1, TAMB Tambo, YANA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

IDC 25 01:38:39.2, 0.9, 12.91N-92.37E, mb4.1/12, mb1 4.2/13, mb1mx4.1/20, mbtmp4.0/13, ML4.1/1, MS1 1/1, Ms1 3.3/1, ms1mx2.8/18, Error ellipse: s-maj=35.3km s-min=17.7km az=52.0

BUI 25 01:38:42.7, 12.80N-92.56E, h42km, mb4.3, mb4.5, Ms4.1, Ms2.0

NEIC 25 01:38:44.2, 2.2, 12.98N-92.52E, h31km, 15km, mb4.3/10, Error ellipse: s-maj=8.2km s-min=7.6km az=80.0

ISC 25 01:38:41.0, 2.8, 12.91N, 0.0, 92.42E, 0.06, h25km, 20km, n40, 0984/41, mb4.2/19, Andaman Islands region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Alice Springs, VIS Vishakhapatnam, PALS Palleteke, HYB Hyderabad, KMI Kunming, JIRN Jiri, PKI Pulchoki, DMN Daman, GKN Gorkha, LSA Lhasa, LSA Koldanda, KAD Karad, POO Poona, ENH Enshi, WMQ Urumqi, AAK Ala-Archa, SONM Songoing Array, ULN Ulanbataar, KURK Kurchatov, ZAL Zalesovo, ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, AKASG Malin Array B, STKA Stephens Creek, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCESS Array B, GERES GERESS Array B, NOB NORARS Subarra, INK Inuvik, INK Inuvik, NVAR Mina Array B, TXAR Lajitas Array.

IGQ 25 01:41:12.3, 1.73S-81.20W, h12km, 25km, mb4.0, 1C-1D, Error ellipse: s-maj=24.8km s-min=10.8km az=159.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IGUA Iguatala, ARRY Arrayan, PISA Pisayambo, NAS1 Nasa, VC1 Cotopaxi 1, JU2 San Juan 2.

Table with columns: PINO Pino, YANA Yana, ANTI Antisana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

IGQ 25 01:43:51.5, 1.38S-81.37W, h18km, 6km, mb4.1, 6C-3D, Error ellipse: s-maj=9.8km s-min=7.4km az=140.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatala, CUSU Cusua, JUUV Juive, ARRY Arrayan, RETU Refugio, PATA Patacocha, RUN2 Runtun, ULBA Ulba, NAS1 Nasa, JU2 San Juan 2, PISA Pisayambo, TERV Terraza Guagua, PINO Pino, JORI San Jorge 1, VC1 Cotopaxi 1, YANA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe, CONE Cono NE Rev Vo.

IGQ 25 01:45:49.8, 1.47S-80.98W, h12km, 8km, mb4.1, 1C, Error ellipse: s-maj=10.1km s-min=9.3km az=174.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatala, ARRY Arrayan, PATA Patacocha, RUN2 Runtun, ULBA Ulba, PISA Pisayambo, VC1 Cotopaxi 1, PINO Pino, YANA Yana, CAYR Refugio Cayamb, CAYA Cayambe.

NEIC 25 01:52:30.1, 31.07S-71.32W, h63km, MD3.9(GUC), After GUC

GUC 25 01:52:30.1, 0.8, 31.07S-71.32W, h63km, 4km, MD3.9, ML3.9, 1C-1D, Near coast of center Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include OVCH Ovalle, ILCH Illapel, TLL Tololo Astrono, LSCH La Serena, PTCH Putorca, PACH Papudo, JACH Jahuel, IHA Instituto Hidr, ZON Zonda, LCH Las Cruces, CLCH Cerro Calan, FCH Farellones, RCDM Rinconada Maip, WACH Valenar, TACH Talagante, PCH Pirque, MDZ Mendoza, MDZ Mendoza, CHCH Chadas Angostu, LMEL Las Melosas, LMEL Las Melosas.

IGQ 25 01:58:09.7, 1.48S-81.07W, h9km, 6km, mb4.0, 1C-2D, Error ellipse: s-maj=8.3km s-min=8.2km az=27.8, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatala, ARRY Arrayan, PATA Patacocha, RUN2 Runtun, ULBA Ulba, PISA Pisayambo, NAS1 Nasa, JU2 San Juan 2, TERV Terraza Guagua, PINO Pino, VC1 Cotopaxi 1, TAMB Tambo, YANA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

THE 25 01:58:31.7, 39.54N-19.63E, h10km, ML3.1, ATH 25 01:58:31.7, 39.69N-19.70E, h5km, 4km, MD3.3/5, NEIC 25 01:58:31.7, 39.69N-19.70E, h5km, MD3.3(ATH), After ATH

CSEM 25 01:58:32.6, 0.7, 39.66N-19.62E, h1km, 4km, MD3.3/1, Error ellipse: s-maj=12.2km s-min=5.2km az=110.0

ISC 25 01:58:31.4, 39.64N, 0.6, 19.6E, 0.1, h5km, n13, 1123/17, 1D, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KEK Kerkira, IGT Igoimita, LSK Leskovik, LSK Leskovik.

Table with columns: JAN Janina, VLS Valsamata, FNA Florida, FNA Florida, KZANI Kozani, GYR Gyronia, LIT Litokhoron, LIT Litokhoron, GRG Griva, GRG Griva, SKO Skopje, KNT Kerrikron, SHO Sokhos.

IDC 25 02:03:18.2, 25.0, 18.64S-173.96W, mb4.3/4, mb1 4.4/4, mb1mx3.9/16, mbtmp4.3/4, Error ellipse: s-maj=470.9km s-min=154.8km az=73.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 25 02:15:00.4, 26.0, 18.84S-173.02W, mb4.3/4, mb1 4.5/4, mb1mx4.0/16, mbtmp4.3/4, MS4.2/1, Ms1 4.2/1, ms1mx3.0/24, Error ellipse: s-maj=480.2km s-min=161.8km az=74.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

IGQ 25 02:16:12.9, 1.40S-81.31W, h15km, 6km, mb4.1, 2C-4D, Error ellipse: s-maj=9.2km s-min=8.2km az=168.6, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatala, ARRY Arrayan, PATA Patacocha, RUN2 Runtun, ULBA Ulba, NAS1 Nasa, JU2 San Juan 2, TERV Terraza Guagua, PINO Pino, VC1 Cotopaxi 1, JORI San Jorge 1, YANA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

IDC 25 02:21:08.0, 7.3, 9.7S-131.30E, mb4.3/7, mb1 4.7/10, mb1mx4.6/15, mbtmp4.5/10, ML4.3/3, MS3.8/2, Ms1 3.9/2, ms1mx3.2/16, Error ellipse: s-maj=42.8km s-min=15.7km az=63.0

BUI 25 02:21:09.2, 4.38S-130.99E, h28km, mb4.2

NEIC 25 02:21:10.5, 5.8, 4.02S-131.22E, h12km, 37km, mb4.7/15, Error ellipse: s-maj=13.8km s-min=9.9km az=62.0

ISC 25 02:21:11.3, 8.4, 2.7S-105.131.2E, 0.1, h39km, 18km, n41, 1129/44, mb4.6/20, MS3.8/2, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, PMG Port Moresby, PMG Port Moresby.

ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, ASPA Alice Springs, MBWA Marble Bar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, FORT Forrest, STKA Stephens Creek, JOW Jowaki, CMAR Chiang Mai Arr, ENH Enshi, SHL Shillong, LSA Lhasa, PKI Kani, DMN Daman, GKN Gorkha, KOLN Koldanda, ULN Ulanbataar, HYN Hyderabad, SONM Songoing Array, WMQ Urumqi, ZAL Zalesovo, KURK Kurchatov, VNDA Vanda.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, MCK McKinley, ILAR Eielson Array, RES Resolute Bay, LVC Limon Verde, LPAZ La Paz.

BUI 25 02:28:43.1, 2.65N, 127.44E, h73km, mb4.9, mb4.8, IDC 25 02:28:45.4, 3.9, 2.75N, 127.12E, h59km, mb4.9, mb4.0/11, Mb1 4.1/1, mb1mx4/0.17, mbtmp4.3/11, MS4.4/1, Ms1 4.4/1, ms1mx2.8/24, Error ellipse: s-maj=50.5km s-min=11.8km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TGYY Tagaytay City, FITZ Fitzroy Crossi, WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, MBWA Marble Bar, ASAR Alice Springs, CMAR Chiang Mai Arr, ENH Enshi, STKA Stephens Creek, BJT Baijiutau, BJL Beijing, PKI Pulchoki, KKN Kakani, DMN Damnan, ULN Ulaanbaatar, KOLN Koldan, SONM Songoing Array, ZAL Zalesovo, KURK Kurchatov, BVAR Borovoye Array, CHKZ Chkalovo, VLA Vanda, ILAR Eielson Array, ARCES ARCES Array B, FINES FINESS Array B.

IGQ 25 02:45:37.2, 1.42S, 81.26W, h25km, mb4.6, 4C-5D, Error ellipse: s-maj=10.1km s-min=7.5km az=143.8, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatata, CUSU Cusua, JUIV Juive, ARRY Arrayan, RETU Refugio, PATA Patacocha, RUNT Runtun, ULBA Ulba, MARY Rancho Maria, NAS1 Nasa, PISA Pisayambo, JUAZ San Juan 2, TERV Terraza Guagua, VC1 Cotopaxi 1, YAMA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYC Cayambe, CONE Cono NE Rev Vo.

IDC 25 02:46:20.2, 4.0, 46.37N, 146.05E, h60km, mb3.5/5, mb1 3.7/6, mb1mx3.4/22, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=60.7km s-min=22.2km az=152.0

JMA 25 02:46:21.4, 0.4, 44.28N, 146.97E, h143km, mb3.8, IDC 25 02:46:19.2, 0.9, 44.3N, 0.1, 146.9E, 0.1, h171km, 12km, n19, c083/26, mb3.5/5, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NEM2 Nemuro 2, JNR Rausu, JNK Nakash, JAK Akkeshi, JTKR Abashiri-Toko, JAR Ashoroboto, JMP Maruseppu, JOBA Onsets, JOB Job, JKK2 Kamakawa 2, JCH Churui, JCH Churui, ASAJ Asahikawa, JSE Soyas, JNEK Urukawa-nobuka, JWB Keihoku, ILAR Eielson Array, CMAR Chiang Mai Arr, BVAR Borovoye Array, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FINES FINESS Array B, IDC 25 02:48:33.5, 0.8, 7.15N, 125.67E, mb4.2/9, mb1 4.4/9, mb1mx4.2/20, mbtmp4.2/9, Error ellipse: s-maj=59.2km s-min=15.4km az=74.0

BUI 25 02:48:35.6, 7.20N, 125.80E, h10km, mb4.7, NEIC 25 02:48:35.6, 0.3, 7.15N, 125.76E, h10km, mb4.7/12, Error ellipse: s-maj=23.6km s-min=5.9km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MATI Mati, DAV Davao City (W), BIPH BIPH, KCP Kidapawan, BUKP Musuan, BUTP Butuan, SCPH Surigao, PAGZ Pagadian, MSPL Maasin, PLP Palo, KAKA Kakadu, FITZ Fitzroy Crossi, ENH Enshi, WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, ASPA Alice Springs, ASAR Alice Springs, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, FWL Forrest, NWAO Warramunga Arr, STKA Stephens Creek, ULN Ulaanbaatar, SONM Songoing Array, ZAL Zalesovo, KURK Kurchatov, BVAR Borovoye Array, BKVR Borovoye, CHKZ Chkalovo, MCK McKinley, ILAR Eielson Array, INK Inuvik, FINES FINESS Array B.

IGQ 25 02:51:12.8, 1.48S, 81.34W, h20km, mb4.5, 4C-5D, Error ellipse: s-maj=6.0km s-min=5.7km az=29.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatata, CUSU Cusua, JUIV Juive, ARRY Arrayan, RETU Refugio, PATA Patacocha, RUNT Runtun, ULBA Ulba, MARY Rancho Maria, NAS1 Nasa, PISA Pisayambo, JUAZ San Juan 2, TERV Terraza Guagua, VC1 Cotopaxi 1, YAMA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYC Cayambe, CONE Cono NE Rev Vo.

IGQ 25 02:56:25.9, 1.49S, 81.21W, h9km, mb4.2, 1C-1D, Error ellipse: s-maj=16.9km s-min=9.6km az=26.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, IGUA Iguatata, ARRY Arrayan, ULBA Ulba, PISA Pisayambo, NAS1 Nasa, JUAZ San Juan 2, TERV Terraza Guagua, PINO Pino, VC1 Cotopaxi 1, TAMB Tambo, YANA Yana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYC Cayambe.

IGQ 25 03:07:06.9, 1.63S, 81.24W, h5km, mb2.9km, mb4.6, Error ellipse: s-maj=28.2km s-min=7.2km az=163.4, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IGUA Iguatata, CUSU Cusua, JUIV Juive, ARRY Arrayan, RETU Refugio.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PATA Patacocha, RUNT Runtun, ULBA Ulba, MARY Rancho Maria, PISA Pisayambo, NAS1 Nasa, JUAZ San Juan 2, VC1 Cotopaxi 1, TERV Terraza Guagua, PINO Pino, TAMB Tambo, YAMA Yana, JORI San Jorge 1, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYC Cayambe, CONE Cono NE Rev Vo.

IDC 25 03:10:36.6, 0.8, 6.21S, 131.51E, mb4.3/8, mb1 4.4/12, mb1mx4.3/17, mbtmp4.3/12, ML4.1/1, Error ellipse: s-maj=40.2km s-min=16.1km az=63.0

NEIC 25 03:10:38.1, 0.5, 6.22S, 131.35E, h10km, mb4.5/10, Error ellipse: s-maj=16.1km s-min=3.4km az=75.0

ISC 25 03:10:38.8, 0.4, 6.39S, 0.5, 131.42E, 0.1, h33km, n30, s1f02/35, mb4.3/14, Tanimbar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, PMG Port Moresby, ASAR Alice Springs, CMAR Chiang Mai Arr, MBWA Marble Bar, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, FORT Forrest, STKA Stephens Creek, STKA Stephens Creek, JOW Jonungami, CMAR Chiang Mai Arr, ULN Ulaanbaatar, SONM Songoing Array, AAL Zalesovo, KURK Kurchatov, BVAR Borovoye Array, BKVR Borovoye, CHKZ Chkalovo, ILAR Eielson Array, INK Inuvik, DAWY Dawu, LVC Limon Verde, LPAZ La Paz.

MOS 25 03:10:55.6, 0.5, 33.58N, 141.86E, h10km, mb4.7/9, Error ellipse: s-maj=23.5km s-min=10.7km az=121.4

NIED 25 03:11:00.3, 90N, 141.90E, h3km, MW4.0, Best double couple: M1, 0.0x1015 NP1, 9.139, 8.62, 1.125, NP2: 0.16, 8.44, 1.43

JMA 25 03:11:00.0, 0.4, 33.93N, 141.94E, h3km, M4.0, IDC 25 03:11:04.0, 0.7, 33.67N, 141.72E, h6km, mb3.6/15, mb1 3.9/16, mb1mx3.9/22, mbtmp4.0/16, Error ellipse: s-maj=18.1km s-min=15.6km az=107.0

NEIC 25 03:11:04.7, 0.6, 33.65N, 141.58E, mb4.5/8, MW4.0(NIED), Error ellipse: s-maj=16.2km s-min=11.9km az=210.0

BUI 25 03:11:05.5, 3.4, 48N, 142.31E, h76km, mb4.6, mb4.2, IDC 25 03:10:58.9, 1.5, 33.71N, 0.05, 141.77E, 0.07, h25km, 10km, h53km, 1.3km, pp-P, n53, s1f02/61, mb4.1/22, 2C-2D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, JIM2 Oshima 3, JIZS Izuishima 2, JOD2 Odawara 2, JYN Shimob, JRY Ryogami san, JAG Ashikaga, MASH Matushiro, MAT Matushiro, MBT Matushiro, CBJ Chichi jima, YSS Yuzh-Sakhalins, ULN Ulaanbaatar, ULN Ulaanbaatar, SONM Songoing Array, BOD Bodaibo, ZAK Zakamensk, CMAR Chiang Mai Arr, ZAL Zalesovo, KURK Kurchatov, KURK Kurchatov, IMA Indian Mountain, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CHKZ Chkalovo, BVAR Borovoye Array, CTAO Charters Tower, INK Inuvik, HYB Hyderabad, ARU Arti, etc.

WAR 25 03:15:20.9, 50.26N, 18.89E, h0km, ML2.6, Mining Induced

IPEC 25 03:15:21.3, 0.3, 50.30N, 18.86E, ML1.9/3, Error ellipse: s-maj=2.3km s-min=1.9km az=165.0

PRU 25 03:15:22.4, 50.28N, 18.77E

CSEM 25 03:15:22.5, 0.1, 50.26N, 18.76E, h0km, ML2.9/4, Error ellipse: s-maj=2.4km s-min=1.0km az=15.0

NEIC 25 03:15:26.2, 1.0, 50.17N, 18.55E, h5km, ML2.6(VIE), Error ellipse: s-maj=12.8km s-min=10.3km az=183.0

ISC 25 03:15:19.9, 0.5, 50.26N, 0.03, 18.79E, 0.03, 2.9, 0.147/47, 1C, Poland

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, OJC Ojcow, MORC Moravsky Berou, LIKS Likavka, etc.

ISC 25 03:20:28.1, 1.1, 17.96S, 173.70W, mb3.9/6, mb1 4.2/6, mb1mx4.0/16, mbtmp3.9/6, Error ellipse: s-maj=52.9km s-min=22.3km az=138.0, Tonga Islands

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

ISC 25 03:26:42.4, 6.1, 5.60S, 154.33E, h149km, 53km, mb3.6/6, mb1 3.8/7, mb1mx3.7/14, mbtmp4.0/7, Error ellipse: s-maj=48.3km s-min=22.8km az=100.0, Bougainville - Solomon Islands region

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

JMA 25 03:28:24.7, 0.2, 24.71N, 122.19E, h71km, M3.0, TAP 25 03:28:24.6, 24.48N, 122.11E, h64km, 1km, ML3.8, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, IRIF Iriomote-Funau, etc.

IGQ 25 03:31:19.6, 1.56S, 81.75W, h12km, 23km, mb4.2, 4C, Error ellipse: s-maj=22.7km s-min=9.8km az=170.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGUA Iguatala, JUV Juive, ARRY Arrayan, etc.

ISC 25 03:40:59.7, 1.9, 50.93S, 117.01E, mb3.8/3, mb1 4.1/3, mb1mx3.9/10, mbtmp3.8/3, MS3.9/5, Ms1 3.9/5, ms1mx3.8/9, Error ellipse: s-maj=50.9km s-min=49.8km az=100.0, Western Indian-Antarctic Ridge

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, MAW Mawson, etc.

IGQ 25 03:48:16.1, 1.78S, 81.12W, h12km, 29km, mb4.0, 1D, Error ellipse: s-maj=29.5km s-min=8.8km az=159.3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGUA Iguatala, ARRY Arrayan, RUN2 Runtun, etc.

IGQ 25 03:54:12.8, 1.42S, 81.43W, h12km, 8km, mb4.6, Error ellipse: s-maj=8.3km s-min=6.7km az=160.4

NEIC 25 03:54:21.4, 0.6, 1.46S, 80.77W, h10km, mb4.2/2, Error ellipse: s-maj=19.8km s-min=10.4km az=67.0

ISC 25 03:54:35.1, 1.8, 1.32S, 80.38W, h138km, 90km, mb3.4/6, mb1 3.7/8, mb1mx3.4/20, mbtmp3.9/8, MS3.2/1, Ms1 3.2/1, ms1mx2.1/12, Error ellipse: s-maj=65.6km s-min=16.7km az=71.0

ISC 25 03:54:19.4, 0.7, 1.47S, 0.06, 81.07W, 0.05, h10km, n38, 0.131/45, mb3.8/6, 7C-4D, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatala, CUSU Cusua, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TERY Terraza Guagua, VCI Pino, VC1 Cotopaxi 1, TAMB Tambo, etc.

CSEM 25 04:31:44.8, 0.1, 35.78N, 29.57E, h5km, MD3.3, Error ellipse: s-maj=3.9km s-min=2.2km az=97.0

ISK 25 04:31:46.6, 35.75N, 29.48E, h32km, MD3.3, HLW 25 04:31:52.8, 35.59N, 29.64E, h28km, MB3.3, ISC 25 04:31:44.7, 0.6, 35.76N, 0.03, 29.57E, 0.08, h5km, n12, 0.81/15, 1C, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FETY Fethiye, ELL Eimali, ANTB Antalya, etc.

ISC 25 04:32:46.8, 5.3, 4.70S, 129.55E, h145km, 50km, mb3.5/4, mb1 3.9/6, mb1mx3.6/14, mbtmp4.1/6, Error ellipse: s-maj=61.6km s-min=12.5km az=71.0

NEIC 25 04:32:49.3, 2.9, 4.82S, 129.46E, h177km, 32km, mb4.3/4, Error ellipse: s-maj=35.6km s-min=17.6km az=64.0

ISC 25 04:31:51.2, 1.5, 0.1S, 10.08E, 129.5E, 0.1, h224km, 22km, n13, 0.94/20, mb3.6/6, Banda Sea

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

IGQ 25 04:33:24.3, 1.15S, 81.27W, h12km, 6km, mb4.2, 4C-2D, Error ellipse: s-maj=15.4km s-min=8.6km az=142.1, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatala, JUA2 San Juan 2, etc.

ISC 25 04:37:35.2, 10.0, 4.40N, 97.18E, mb3.9/2, mb1 4.1/3, mb1mx3.6/17, mbtmp3.8/3, ML4.2/1, MS3.4/3, Ms1 3.5/3, s-min=45.5km az=76.0, Northern Sumatara

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

IPEC 25 04:46:48.9, 0.2, 51.52N, 16.16E, ML2.1/3, Error ellipse: s-maj=1.7km s-min=1.2km az=34.0

BGR 25 04:46:49.0, 0.6, 51.48N, 16.16E, h1km, ML3.0/10, Error

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ULBA, PISA, NAS1, etc.

MEX 25 06:31:18.8,-0.6, 19.03N:100.86W, h15km, MD3.5, Michoacan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZIIG, CAIG, ACX, etc.

IDC 25 06:44:04.7,-0.6, 14.62N:92.48E, mb4.3/15, mb1 4.4/16, mb1mx4.4/20, mbtmp4.3/16, ML4.0/1, MS4.0/7, Ms1 4.0/7, ms1mx3.7/20, Error ellipse: s-maj=25.1km s-min=13.4km az=54.0

MOS 25 06:44:07.7,-0.9, 14.58N:92.53E, h33km, mb4.9/34, Error ellipse: s-maj=12.5km s-min=6.9km az=106.7

BUI 25 06:44:07.4, 14.20N:92.55E, h50km, mb4.4, mb4.6, Ms4.3, Ms23.9

NEIC 25 06:44:08.8,-0.2, 14.62N:92.52E, mb4.7/22, Error ellipse: s-maj=7.5km s-min=4.6km az=57.0

ISZ 25 06:44:07.0, 0.3, 14.68N:104.9251E, 0.03, h27km, h27km, 1.2km, pp-P, n132, r126/145, mb4.6/47, MS4.1/17, 9C-2D, Andaman Islands region

Main table for the left column containing station data for the left side of the page.

Main table for the middle column containing station data for the middle of the page.

Main table for the right column containing station data for the right side of the page.

IDC 25 06:50:51.3,-1.5, 14.43N:93.04E, mb3.9/5, mb1 4.1/6, mb1mx3.8/18, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=49.7km s-min=21.5km az=63.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CMAR, SONM, BVAR, etc.

CSEM 25 06:59:28.9.0.1, 49.39N-6.91E, h2km, ML3.1/14, Error ellipse: s-maj=0.8km s-min=0.8km az=68.0
 BGR 25 06:59:28.9.0.3, 49.39N-6.90E, h1km, ML2.2/2, Error ellipse: s-maj=2.2km s-min=2.2km az=111.0
 LDG 25 06:59:29.0.0.1, 49.39N-6.89E, h1km, MD3.0/3, MI3.1/15, Error ellipse: s-maj=1.3km s-min=1.0km az=93.0, Suspected Mining induced.
 NEIC 25 06:59:29.0.0, 49.39N-6.89E, h1km, ML3.1(LDG), ML2.7(STF), After LDG.
 BNS 25 06:59:30.9.1.6, 49.47N-6.90E, h1km, ML2.2
 ISC 25 06:59:26.7.2, 49.37N-6.87E, 0.02, n68, e1910/126, 1D, Germany

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RUP	Ruppelstein	0.35	20	Op	ISC	06 59 35.5	+1.7
RUP	Ruppelstein	0.35	20	Pg	Sg	06 59 35.6	+1.9
RUP	Ruppelstein	0.35	20	Pg	Sg	06 59 40.2	+1.8
RUP	Ruppelstein	0.35	20	Pg	Pg	06 59 35.5	+1.8
RUP	Walferdange	0.55	302	Sg	Sg	06 59 40.2	+1.8
WLF	Walferdange	0.55	302	Pg	Sg	06 59 40.2	+2.3
WLF	SNR=4.7			eSg	Sg	06 59 46.4	+1.3
WLF	Walferdange	0.55	302	ePg	Pg	06 59 40.1	+2.4
WLF	Walferdange	0.55	302	Pg	Sg	06 59 40.2	+2.4
WLF	SNR=4.7			ePg	Pg	06 59 46.4	+1.3
ABH	Alteburg	0.67	41	ePg	Pg	06 59 41.1	+0.9
ABH	Alteburg	0.67	41	Pg	Pg	06 59 40.9	+0.7
ABH	Alteburg	0.67	41	Pg	Sg	06 59 49.5	+0.4
ABH	Alteburg	0.67	41	Pg	Pg	06 59 41.1	+0.9
ABH	SNR=11			Sg	Sg	06 59 49.5	+0.4
LANF	Langenberg	0.73	122	ePg	Pg	06 59 42.1	+0.9
LANF	Langenberg	0.73	122	Pg	Pg	06 59 42.2	+0.9
KAND	Kalmit	0.79	93	ePg	Pg	06 59 43.3	+0.9
KAND	SNR=12			Sg	Pg	07 00 06.3	+0.5
KTD	Kalmit	0.79	93	Pg	Pg	06 59 44.1	+1.5
BGG	Burgeltz	0.89	20	ePg	Pg	06 59 45.0	+0.5
BGG	125nm,0.6s			eSg	Sg	06 59 57.0	+0.7
CDF	Champ du Feu	1.00	164	ePg	Pg	06 59 47.1	+0.4
CDF	CDF			ePn	Pn	06 59 48.2	+0.4
CDF	CDF			eSg	Sg	07 00 01.1	+1.1
CDF	CDF			eSn	Sn	07 00 02.6	-0.2
WLS	Welschbruch	1.01	162	ePg	Pg	06 59 48.0	+1.1
WLS	SNR=14			eSg	Sg	07 00 01.8	+1.3
WLS	Welschbruch	1.01	162	Pg	Pg	06 59 48.4	+1.4
WLS	Welschbruch	1.01	162	Pg	Sg	07 00 01.6	+1.1
WLS	Welschbruch	1.01	162	Pg	Pg	06 59 48.0	+1.0
WLS	Echery	1.17	171	Pg	Sg	07 00 01.6	+1.1
ECH	Echery	1.17	171	Pg	Sg	06 59 51.3	+1.1
RFYF	Refroy	1.19	232	ePg	Pg	06 59 51.2	+0.8
RFYF	baz=47			eSg	Sg	07 00 07.3	+1.1
STB	Steinbach	1.22	359	ePg	Pg	06 59 52.4	+1.2
STB	45nm,1.3s			eSg	Sg	07 00 07.2	-0.2
TOD	Tromm	1.28	79	ePg	Pg	06 59 51.7	-0.7
TOD	SNR=16			eSg	Sg	07 00 09.7	+0.3
THEF	They Montfort	1.29	207	ePg	Pg	06 59 52.9	+0.4
THEF	SNR=9			ePg	Pg	06 59 53.0	+0.5
THEF	They Montfort	1.29	207	Pg	Sg	07 00 09.9	+0.2
THEF	They Montfort	1.29	207	Pg	Sg	06 59 54.1	+1.1
LIBD	Limburg	1.32	158	ePg	Pg	06 59 54.1	+1.1
LIBD	SNR=5.2			eSg	Sg	07 00 11.2	+0.6
LIBD	SNR=2.0			Sg	Pg	06 59 53.8	+0.8
LIBD	LIBD	1.32	158	Pg	Sg	07 00 11.2	+0.6
KLL	Kallitaisperre	1.32	344	ePg	Pg	06 59 53.6	+0.5
KLL	SNR=2.0			ePg	Pg	07 00 09.4	-1.4
KLL	Kallitaisperre	1.32	344	Pg	Pg	06 59 53.6	+0.4
KLL	33nm,0.9s			Sg	Pg	07 00 09.4	-1.4
MEM	Membach	1.36	336	P	Pb	06 59 53.8	+1.1
HAU	Haudompre	1.41	194	ePg	Pn	06 59 54.4	+0.7
HAU	HAU			eSg	Sg	06 59 55.7	+0.8
HAU	HAU			ePn	Pn	07 00 12.5	-0.8
HAU	HAU			eSg	Sg	07 00 13.9	+0.1
BFO	Black Forest	1.42	137	ePg	Pg	06 59 55.8	+0.7
BFO	SNR=8.1			eSg	Sg	07 00 14.1	+0.1
BFO	Black Forest	1.42	137	ePg	Pg	06 59 55.8	+0.7
BFO	BFO			eSg	Sg	07 00 14.1	+0.1
MEZF	Maizieres Jvi	1.48	235	ePg	Pn	06 59 55.3	+0.5
MEZF	MEZF			ePn	Pn	06 59 57.4	+1.0
MEZF	baz=51			eSg	Sn	07 00 13.8	-1.3
MEZF	MEZF			eSg	Sn	07 00 16.7	+0.5
MEZF	43nm,0.4s			ePg	Pg	06 59 57.4	+1.0
MEZF	MEZF			eSg	Sn	07 00 13.9	-1.3
MEZF	MEZF			eSg	Sn	07 00 16.7	+0.5
GIVF	Givet	1.52	300	ePg	Pn	06 59 56.4	+1.2
GIVF	GIVF			ePg	Pn	06 59 57.9	+0.9
GIVF	GIVF			eSg	Sn	07 00 14.6	-1.4
GIVF	GIVF			eSg	Sn	07 00 17.2	0.0
HGN	Heimansgroeve	1.52	337	ePg	Pg	06 59 57.3	+0.2
HGN	8.7nm,0.2s			eSg	Sg	07 00 16.6	-0.7
MOF	Molkenrain	1.53	173	Pg	Pg	06 59 57.8	+0.4
MOF	MOF			Sg	Pg	07 00 17.7	-0.1
HINF	Hinteralfeld	1.56	180	ePg	Pg	06 59 56.3	+0.5
HINF	HINF			ePg	Pg	06 59 58.0	+0.1
HINF	HINF			eSg	Sn	07 00 15.9	-1.1
HINF	HINF			eSg	Sn	07 00 18.5	-0.1
BNS	Bensberg	1.60	7	eSg	Sg	07 00 17.5	-2.7
DOU	Dourbes	1.65	297	P	Pg	06 59 58.3	+1.2
FELD	Feldberg	1.68	153	ePg	Pg	07 00 00.2	-0.1
FELD	SNR=3.0			eSg	Sg	07 00 21.6	-0.9
FELD	Feldberg	1.68	153	Pg	Pg	06 59 59.7	-0.5
FELD	Feldberg	1.68	153	Pg	Pg	07 00 21.7	-0.9
FELD	Feldberg	1.68	153	Pg	Pg	07 00 00.2	0.0
FELD	SNR=7.0			Sg	Pg	06 59 59.7	-0.5
FELD	Feldberg	1.68	153	Pg	Pg	07 00 21.7	-0.9
FELD	Feldberg	1.68	153	Pg	Pg	07 00 00.2	0.0
FELD	Baives	1.86	293	ePg	Pg	07 00 21.7	-0.9
BAIF	BAIF			ePn	Pn	07 00 00.8	+0.6
BAIF	BAIF			ePg	Pg	07 00 04.0	+0.1
BAIF	BAIF			eSg	Sg	07 00 27.7	-1.0
LOMF	Lomont	2.02	181	ePg	Pg	07 00 33.6	-0.6
LOMF	SNR=2.5			Sg	Pg	07 00 07.6	+0.4
LOMF	Lomont	2.02	181	Pg	Pg	07 00 50.7	-2.5
WATSB	Winterswijk	2.60	359	eSg	Sg	07 00 13.6	-0.2
CABF	La Chapelle	2.81	191	ePn	Pn	07 00 57.7	-2.7
SSF	Saint Saultge	3.23	225	ePn	Pn	07 00 18.5	-1.2
SSF	SSF			eSg	Sg	07 01 09.2	-5.0
MOX	Moxa	3.31	66	ePg	Pg	07 00 29.4	-3.5
MOX	SNR=2.4			eSg	Sg	07 01 13.6	-3.5
SMF	Signal de Mont	3.41	218	ePn	Pn	07 00 21.5	-0.7
SMF	SMF			eSg	Sn	07 01 00.0	-3.9
SMF	SMF			eSg	Sn	07 01 16.8	-3.3
AVF	Avril sur Loir	3.50	224	ePn	Pn	07 00 22.2	-1.3
AVF	AVF			eSn	Sn	07 01 02.7	-3.6
AVF	15nm,0.6s			eSg	Sg	07 01 02.7	-3.6
AVF	AVF			eSg	Sg	07 01 02.7	-3.6
AVF	5.5nm,0.3s			eSg	Sg	07 01 02.7	-3.6

AVF	Humbigny	3.52	235	eSg	Sg	07 01 19.1	-4.2
GYF	Gunzen	3.67	72	eSg	Pg	07 00 35.6	-1.5
HUNZ	SNR=2.6			ePg	Pg	07 01 24.7	-4.2
WERD	Werda	3.67	71	ePg	Pg	07 00 36.9	-3.1
WERD	SNR=3.1			eSg	Sg	07 01 24.6	-4.4
NKX	Novy Kostel	3.71	74	ePg	Pg	07 00 37.3	-3.6
TANN	Tannenbergstha	3.76	72	ePg	Pg	07 00 39.3	-2.5
TANN	SNR=2.9			eSg	Sg	07 01 27.2	-4.7
LPL	La Plagne	3.86	181	ePn	Pn	07 00 27.7	-1.0
LPG	La Plagne	3.88	181	ePn	Pn	07 00 27.9	-1.0
BGF	Bois d'Angland	3.91	225	ePn	Pn	07 00 28.4	-0.9
BGF	SNR=3.1			eSg	Sg	07 01 12.2	-4.4
BGF	SNR=2.6			eSg	Sg	07 01 32.0	-4.8
WET	Wetzell	3.94	91	ePn	Pn	07 00 29.7	-0.1
CLL	Collin	4.38	61	eSg	Sg	07 02 00.0	+7.5
KHC	Kasperske Hory	4.40	91	ePn	Pn	07 00 35.7	-0.6
KHC	KHC			eSg	Sg	07 01 20.5	
GECC	GERESS Array S	4.52	94	ePn	Pn	07 00 37.8	-0.2
BRG	Berggiesshubel	4.79	69	eSg	Sg	07 02 00.0	-6.2
BRG	Berggiesshubel	4.79	69	eSg	Sg	07 02 00.0	-6.2
FLN	La Foliniere	4.87	266	ePn	Pn	07 00 41.7	-1.4
GRR	Gorron	5.20	262	eSn	Sn	07 01 35.5	-5.6
GRR	3.9nm,0.3s			eSg	Sg	07 01 43.0	-6.2
GRR	3.2nm,0.3s			eSg	Sg	07 01 43.0	-6.2

NEIC 25 07:03:40.0, 16.55N-99.60W, h5km, MD3.8(MEX), After MEX.

MEX 25 07:03:40.0, 16.55N-99.60W, h5km, MD3.8, Near coast of Guerrero

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ACX	Acapulco	0.44	313	Op	ISC	07 03 48.0	+0.9
ACX	ACX			iS	Sg	07 03 50.0	+0.3
CAIC	El Cayaco	0.81	308	eP	Pb	07 03 54.1	-2.2
CAIG	CAIG			iS	Sg	07 04 05.1	-2.2
PNIG	Pinotepa	1.42	96	eP	Pn	07 04 03.1	-3.4
PNIG	PNIG			iS	Sg	07 04 21.1	-3.7
PLIG	Platanillo	1.83	3	iS	Sn	07 04 09.3	-3.2
PLIG	PLIG			iS	Sn	07 04 25.5	-4.8
ZIIG	Zihuatajejo	2.07	301	iP	Pn	07 04 11.6	-4.3
ZIIG	ZIIG			iS	Sn	07 04 36.9	-5.5

Table of astronomical observations for 25d 8h, listing station names, coordinates, and various parameters like elevation and signal strength.

Table of astronomical observations for 2005 JAN, listing station names, coordinates, and various parameters like elevation and signal strength.

Table of astronomical observations for 2005 JAN, listing station names, coordinates, and various parameters like elevation and signal strength.

IGQ 25 08:08:00.3, 1.49S, 80.91W, h7km, 6km, mb4.0, 1C, Error ellipse: s-maj=9.2km s-min=7.0km az=162.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HOJA, IGUA, ARRY, etc.

CSEM 25 08:12:41.4, 0.1, 33.37N, 45.89E, h2km, mb3.9/1, Error ellipse: s-maj=4.1km s-min=1.7km az=169.0

IDC 25 08:12:42.9, 2.5, 33.38N, 45.84E, mb4.2/8, mb1 4.4/8, mb1mx4.1/17, mbtmp4.2/8, Error ellipse: s-maj=58.9km s-min=24.9km az=23.0

NEIC 25 08:12:44.6, 1.4, 33.43N, 45.89E, h10km, mb4.1/2, Error ellipse: s-maj=33.8km s-min=14.6km az=193.0

ISC 25 08:12:42.7, 0.8, 33.40N, 45.89E, 0.06, h10km, n16, 0.92/20, mb4.0/10, Iran-Iraq border region

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

IDC 25 08:15:58.0, 0.8, 2.11S, 138.71E, mb4.3/8, mb1 4.5/11, mb1mx4.5/15, mbtmp4.4/11, ML4.0/3, MS4.0/5, M51 4.0/5, ms1mx3.5/16, Error ellipse: s-maj=27.4km s-min=10.4km az=91.0

MOS 25 08:16:00.6, 0.9, 2.14S, 138.88E, h33km, mb4.6/7, Error ellipse: s-maj=18.9km s-min=9.8km az=106.6

BUI 25 08:16:02.4, 2.0, 2.05S, 138.90E, h34km, mb4.6

NEIC 25 08:16:02.4, 4.5, 2.04S, 138.88E, h34km, 32km, mb4.6/11, Error ellipse: s-maj=13.5km s-min=10.9km az=69.0

ISC 25 08:16:00.4, 0.4, 2.06S, 0.04, 138.91E, 0.09, h33km, n50, 1905/50, mb4.5/14, MS4.0/5, 1C-12, Irian Jaya

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

25d 9h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, WRA Warrungarra Arr, etc.

25d 9h: 0.7m, 0.3s, baz=222, slow=19, SNR=5.2
ISC 25 08:38:40.1, 1.3, 5.3N, 0.1, 93.2E, 0.3, h30km, n8, c0920/8, mb4.1/7, Off west coast of northern Sumatera

IDC 25 08:54:09.3, 1.0, 1.10N-98.65E, mb3.9/7, mb1.4/1.8, mb1mx4.0/17, mbtmp3.9/8, ML4.2/1, MS3.7/7, Ms1 3.7/7, ms1mx3.4/19, Error ellipse: s-maj=55.8km s-min=17.6km az=54.0

NEIC 25 08:54:13.4, 1.0, 1.07N-98.76E, h30km, mb4.5/1, Error ellipse: s-maj=42.2km s-min=12.8km az=61.0
NEIC Feil [iii] at Padangsidimpepan

ISC 25 08:54:11.6, 0.8, 1.1N-0.2, 98.7E-0.2, h30km, n17, c078/12, mb4.0/8, MS3.8/6, Northern Sumatera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SHL Shilling, HYB Hyderabad, WRA Warrungarra Arr, etc.

BUI 25 08:55:55.0, 36.97N-71.51E, h105km, mb4.5
MOS 25 08:55:56.3, 1.4, 36.84N-71.63E, h122km, mb4.0/7, Error ellipse: s-maj=13.7km s-min=6.9km az=88.8

NEIC 25 08:55:56.3, 1.9, 36.84N-71.65E, h105km, mb4.0/8, Error ellipse: s-maj=14.4km s-min=11.9km az=215.0
IDC 25 08:56:01.4, 5.6, 36.80N-71.60E, h154km, mb3.7/12, mb1.3/9.14, mb1mx3.8/22, mbtmp4.2/14, Error ellipse: s-maj=27.1km s-min=16.0km az=2.0

NNC 25 08:56:22.6, 6.3, 39.44N-70.99E, mpv4.7, Error ellipse: s-maj=74.7km s-min=45.5km az=156.0
ISC 25 08:55:57.0, 4.3, 36.66N-0.02, 71.92E-0.05, h130km, mb4.0, n8, c135/106, mb4.0/18, 9C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, THW Thamee Wali, SBPD Sheikh Budin, etc.

2005 JAN

Table with columns: MKAR Makanchi Array, KOLN Koldanda, KOLN Koldanda, GKN Gorkha, etc.

ISC 25 09:53:04.0
Code Station Name Az AZ Phase ID Time Res ISC

IDC 25 09:22:42.7
Code Station Name Az AZ Phase ID Time Res ISC

IDC 25 09:22:42.7
Code Station Name Az AZ Phase ID Time Res ISC

IDC 25 09:22:42.7
Code Station Name Az AZ Phase ID Time Res ISC

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Code Station Name Az AZ Phase ID Time Res ISC

IDC 25 09:22:42.7
Code Station Name Az AZ Phase ID Time Res ISC

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, SANT Santorini, etc.

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

IDC 25 09:20:52.4, 1.4, 7.21N-93.48E, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.9/7, ML4.5/1, MS2.9/1, Ms1 3.1/1, ms1mx2.4/25, Error ellipse: s-maj=50.5km s-min=21.6km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, SARN Sarigan, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ULN Ulanbaatar, SONM Songino Array, SEY Seymchan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GNI Garni, GNI Garm, PDAR Pinedale Array, etc.

Table with columns for station code, name, time, and status. Includes stations like BLSP, KMI, KJI, KKL, KLN, etc.

Table with columns for station code, name, time, and status. Includes stations like BJI, ULHL, KZA, UCH, TKM2, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WHN, BOZ, NVAR, QMVT, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TKM2, USP, KBK, WMOK, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like RAR, PRU, BURAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ENTR, STA, BFO, etc.

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

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

25d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, SONMI Songoiro Array, ULN Ulaanbaatar, etc.

CASC 25 11:56:10.4-2.2, 13.54N-90.43W, h34km, 7km, MD3.5, 3C-7D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IXC Ixpaco, SBLs San Blas, RTR El Retiro, etc.

CSEM 25 12:00:57.0-1.35, 84N-29.51E, h40km, ML3.7, Error ellipse: s-maj=2.7km s-min=1.7km az=71.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETY Fethiye, ELL Elmali, ANTB Antalya, etc.

IGQ 25 12:34:37.8, 1.51S-81.40W, h12km, 12km, mb4.2, 1D, Error ellipse: s-maj=13.8km s-min=11.7km az=153.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguazula, ARRY Arroyan, etc.

IGQ 25 12:39:52.9, 1.43S-81.31W, h9km, 6km, mb4.1, 5C-1D, Error ellipse: s-maj=9.2km s-min=6.9km az=80.4, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguazula, ARRY Arroyan, etc.

2005 JAN

ms1mx2.3/17, Error ellipse: s-maj=34.2km s-min=27.8km az=26.0

NEIC 25 12:03:13.8-0.7, 18.73N-81.32W, h10km, mb3.9/2, Error ellipse: s-maj=20.8km s-min=11.4km az=214.0

JSN 25 12:03:14.6-0.8, 19.35N-81.19W, h16km, 999km, MD4.6

ISC 25 12:03:11.8-3.0, 18.7N, 0.2-81.33W, 0.08, h11km, 22km, n23, c0.97/21, mb3.7/10, MS3.3/1, 2C-3D, North of Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCJ Malvern, BBJ Bamboo Saint A, STH Stony Hill, etc.

IGQ 25 12:23:35.0, 1.54S-81.26W, h9km, 7km, mb4.1, 1C, Error ellipse: s-maj=12.9km s-min=10.1km az=111.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, ARRY Arroyan, PISA Ulba, etc.

FUNUV 25 12:34:17.3, 10.32N-61.97W, h17km, MW2.8

TRN 25 12:34:19.6, 10.29N-62.01W, h5km, MD3.7

NEIC 25 12:34:19.6, 10.29N-62.01W, h4km, MD3.7(TRN), After TRN

ISC 25 12:34:16.8-0.9, 10.21N, 0.0-62.12W, 0.03, h5km, 6km, n14, c1.09/22, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUIV Guiría, GUNV Guanoaco, TRN Trinidad (W), etc.

IGQ 25 12:34:37.8, 1.51S-81.40W, h12km, 12km, mb4.2, 1D, Error ellipse: s-maj=13.8km s-min=11.7km az=153.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUIV Guiría, IGUA Iguazula, ARRY Arroyan, etc.

IGQ 25 12:39:52.9, 1.43S-81.31W, h9km, 6km, mb4.1, 5C-1D, Error ellipse: s-maj=9.2km s-min=6.9km az=80.4, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguazula, ARRY Arroyan, etc.

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mb1mx3.5/18, mbtmp3.4/4, MS3.7/1, Ms1 3/7/1, ms1mx3.0/10, Error ellipse: s-maj=64.8km s-min=24.2km az=97.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ Hachijo jima 2, WRA Warramunga Ar, ASAR Alice Springs, etc.

NAO 25 13:12:47.5-3.2, 60.94N-29.17E, ML2.5

BER 25 13:12:48.4-2.4, 60.93N-29.22E, ML2.5(NAO), Suspected explosion

HEL 25 13:12:47.5-3.0, 60.89N-29.21E, ML1.9, ML2.5(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIAO FINESSE Array S, FIAO baz=114, slow=16, FIAO baz=101, slow=37, etc.

CSEM 25 13:19:13.8-0.1, 46.34N-7.49E, h5km, ML2.7/15, Error ellipse: s-maj=1.2km s-min=0.8km az=75.0

ZUR 25 13:19:13.9, 46.37N-7.44E, h5km, ML2.1/8

LDG 25 13:19:14.0-0.1, 46.36N-7.50E, h2km, MD2.5/3, MD2.8/17, Error ellipse: s-maj=2.1km s-min=1.4km az=109.0

NEIC 25 13:19:14.0, 46.36N-7.50E, h2km, MD2.5(STR), ML2.5(GEN), ML2.1(ZUR), After LDG

GEN 25 13:19:15.7, 46.29N-7.51E, h0km, ML2.5

ISC 25 13:19:13.3-0.2, 46.40N-0.01-7.36E, 0.02, h10km, 2km, n81, c1.18/132, 6C-4D, Switzerland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SENIN Lac Senin, SENIN Lac Senin, LKBD Leukerbad, etc.

TRAV 44nm, 0.3s 0.92 163 S Pb 13 19 30.0 +0.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRAV Ceresole Reale, LPL La Plagne, LPL La Plagne, etc.

IDC 25 12:03:13.1-1.3, 18.89N-81.14W, mb3.6/8, mb1 3/9/8, mb1mx3.7/18, mbtmp3.6/8, ML4.8/1, MS3.4/2, Ms1 3/4/2

IDC 25 12:52:29.1-1.4, 14.11N-144.89E, mb3.4/4, mb1 3/6/4,

HAU Haudompre 1.75 337 eS Pn 13 19 45.3 +1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ORIF, ECH, PZZ, DAVA, CDF, etc.

IDC 25 13:23:20.2±3.3, 3.74S, 100.22E, h26km, mb3.7/5, mb1 3.9/5, mb1mx3.7/1.6, mbtmp3.8/5, Error ellipse: s-maj=125.7km s-min=16.4km az=58.0, Southern Sumatara

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

IGQ 25 13:42:56.8, 1.75S, 81.21W, h12km, 21km, mb4.2, 2C-2D, Error ellipse: s-maj=22.0km s-min=6.2km az=160.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGUA, JUVE, ARRY, etc.

IDC 25 13:51:47.2±12.0, 7.08N, 91.07E, mb3.8/2, mb1 4.1/3, mb1mx3.6/1.8, mbtmp3.8/3, ML3.8/1, MS1 3.0/1, mb1mx2.3/2.1, Error ellipse: s-maj=274.6km s-min=51.4km az=95.0, Low Confidence Location, Nicobar Islands region

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

NEIC 25 13:53:51.5±6.9, 0.74S, 122.18E, h39km, 73km, mb4.3/3, Error ellipse: s-maj=75.3km s-min=14.0km az=54.0

IDC 25 13:54:03.7±7.3, 1.06S, 122.64E, h121km, 72km, mb3.6/5, mb1 3.8/5, mb1mx3.6/1.5, mbtmp3.9/5, Error ellipse: s-maj=80.5km s-min=17.6km az=59.0

ISC 25 14:01:43.1±0.5, 0.85N, 112.1E, 0.2, h57km, 32km, n11, ±0.92/14, mb4.0/8, 3C, Minahasa Peninsula, Sulawesi

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

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

IDC 25 14:01:39.2±0.8, 2.27N, 176.28W, mb4.2/12, mb1 4.4/14, mb1mx4.3/2.0, mbtmp4.2/14, ML4.3/2, MS3.6/1, Ms1 3.5/1, ms1mx2.8/2.2, Error ellipse: s-maj=35.8km s-min=16.5km az=148.0

NEIC 25 14:01:43.0±0.5, 2.27N, 176.24W, h30km, mb4.8/4, Error ellipse: s-maj=16.7km s-min=9.3km az=155.0

ISC 25 14:01:43.0±0.6, 2.27N, 176.4W, 0.1, h13km, n24, ±0.75/23, mb4.2/15, MS3.6/1, South of Hiji Islands

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

IGQ 25 14:03:09.2, 1.40S, 81.19W, h7km, 6km, mb4.0, 2C-3D, Error ellipse: s-maj=10.7km s-min=7.9km az=152.6, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA, IGUA, ARRY, etc.

BUI 25 14:34:22.2, 38.45N, 77.25E, h15km, mb4.4, ML4.1, NEIC 25 14:34:22.2±3.1, 38.10N, 76.80E, h39km, 27km, mb3.5/3, Error ellipse: s-maj=29.6km s-min=15.8km az=211.0

IDC 25 14:34:26.8±9.6, 38.26N, 76.95E, h77km, 95km, mb3.2/5, mb1 3.4/7, mb1mx3.2/2.0, mbtmp3.5/7, ML3.2, MS3.2/1, Ms1 3.2/1, ms1mx2.2/1.2, Error ellipse: s-maj=50.6km s-min=20.1km az=97.0

ISC 25 14:34:20.1±0.9, 38.01N, 0.0776-9E, 0.2, h37km, 12km, n29, ±0.93/28, mb3.5/6, MS3.2/1, Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA, NOARSAR Array B, etc.

IDC 25 14:35:33.6±0.2, 21.31S, 179.13W, h548km, 71km, mb3.3/8, mb1 3.6/9, mb1mx3.4/1.6, mbtmp4.3/9, Error ellipse: s-maj=30.1km s-min=20.0km az=46.0

NEIC 25 14:35:37.3±3.4, 21.47S, 179.24W, h609km, 40km, mb4.5/7, Error ellipse: s-maj=22.9km s-min=15.6km az=219.0

ISC 25 14:35:34.3±3.6, 21.55S, 0.2, 179.2W, 0.1, h576km, 46km, n23, ±0.72/22, mb4.1/14, ID, Fiji Islands region

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

NIED 25 14:37:00, 33.90N, 142.00E, h5km, Mw4.0, Best double couple: M1, 1.6x10^15 Np1, 9s121°, 878°, -1.94°. NP2: 3.3x10^15 Np1, 9s121°, 878°, -1.94°

JMA 25 14:37:11.8±0.3, 33.92N, 142.01E, h53km, M3.7, MOS 25 14:37:12.1±0.3, 33.91N, 142.00E, h53km, mb4.5/2, Error ellipse: s-maj=25.0km s-min=13.2km az=118.8

IDC 25 14:37:17.4±0.7, 33.92N, 141.77E, h56km, 5km, mb3.5/14, mb1 3.7/15, mb1mx3.7/2.1, mbtmp3.8/15, Error ellipse: s-maj=16.8km s-min=7.1km az=146.0

NEIC 25 14:37:17.3±0.5, 33.93N, 141.76E, mb4.3/2, Error ellipse: s-maj=12.6km s-min=10.7km az=208.0

ISC 25 14:37:15.3±0.5, 33.96N, 0.04, 141.77E, 0.04, h55km, h55km±1, 3km, n12, ±1.92/53, mb3.8/16, 1C, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO1, BSO2, etc.

ASAJ Ashikawa 10.16 3 P Px 14 39 46.4

YSS Yuzh-Sakhalin 13.00 3f eP 14 40 13.2 -6.0

YAK Yakutsk 29.13 348 j P 14 43 12.2 -0.6

SOM Songoing Array 29.63 308 j P 14 43 20.5 +1.3

SOM comp=2.0, 6nm, 0.8s, baz=97, slow=10.0, SNR=3.7

CMAR Chiang Mai Arr 41.10 259 P P 14 44 56.5 +1.1

CMAR comp=2.1, 9nm, 1.1s, mb3.6, baz=47, slow=7.6, SNR=6.3

ZAL Zalesovo 44.25 315 P P 14 45 21.9 +1.2

KURK Kurchatov 48.10 310 eP 14 45 50.7 -0.5

KURK comp=2.5, 0nm, 0.8s, mb4.6

KURK Kurchatov 48.10 310 eP 14 46 06.2 +0.5

KURK comp=2.4, 6nm, 0.8s, mb4.6

ILAR Eielson Array 51.95 31 P P 14 46 20.4 +0.1

Table of astronomical observations for 2005 JAN, 25d 15h. Columns include station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 2005 JAN, 25d 15h. Columns include station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 2005 JAN, 25d 15h. Columns include station name, object name, magnitude, position angle, and other parameters.

Table with columns: CLNS, Chul'man, 54.97, 42, eP, P, 16 53 45.9, +2.2, 16 55 46.2, 16 56 53.8, -7.0, 17 01 29.9, +7.4, 17 03 36.3, 17 05 04.3, -1.7, etc.

Table with columns: SEY, comp=N, 12um, 16.0s, MS6.5, MLR, MLR, 16 54 59.4, -0.4, 17 03 44.7, -1.1, 16 54 59.0, -0.8, 16 54 59.6, -1.0, 17 03 44.9, -2.5, etc.

Table with columns: PDAR, Pinedale Array, 96.41, 341, P, P, 16 57 42.7, +2.1, 17 14 25.4, +5.0, 17 45 02.0, 16 57 53.2, +0.7, 16 58 03.5, +1.7, 17 14 12.2, +2.0, etc.

CSEM 25 16:51:19.0, 37.71N-44.30E, h13km, MD4.0, After ISK
NEIC 25 16:51:33.1, 38.39N-43.33E, h45km, MD4.0(ISK), After ISK

ISK 25 16:51:19.0, 37.71N-44.30E, h13km, MD4.0, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, VANT Van, VNB Van, MSL Mosul, BTMT Batman, VRT Varto, VRT Varto, KARS Kars, KARS Kars, BINT Bingol, BINT Bingol, BINT Bingol, MYA Malatya, MYA Malatya, GAZ Gaziantep, GAZ Gaziantep, CANT Cankiri.

PRU 25 16:53:40.5, 51.37N-16.17E
WAR 25 16:53:40, 51.45N-16.17E, h1km, ML2.7, Mining Induced, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include KSP Ksiaz, UPC Upice, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, PRU Pruhonic, CLL Collm, CLL Collm, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Novy Kostel, OKC Novy Kostel, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory.

NEIC 25 16:57:14.1, 45.28S-167.08E, h12km, ML3.8(WEL), After WEL

WEL 25 16:57:08.2, 0.4, 45.11S-166.63E, h12km, ML3.9/6, Error ellipse: s-maj=3.7km s-min=1.4km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include DCZ Deep Cove, MSZ Milford Sound, MSZ Milford Sound, MLZ Mavora Lakes, MLZ Mavora Lakes, WHZ Wether Hill Ro, WHZ Wether Hill Ro, WKZ Wanaka, WKZ Wanaka, WKZ Wanaka, JCC Jackson Bay, JCC Jackson Bay, JCC Jackson Bay, EAZ Earnsclough, EAZ Earnsclough, TUZ Tuapeka, TUZ Tuapeka, LBZ Lake Benmore, LBZ Lake Benmore, LBZ Lake Benmore, ODZ Otahua Downs, ODZ Otahua Downs, RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, WYZ Waitaha Valley, WYZ Waitaha Valley, MQZ McQueen's Vall, MQZ McQueen's Vall, CRLZ Canterbury Las, CRLZ Canterbury Las, LTZ Lake Taylor, LTZ Lake Taylor, LTZ Lake Taylor, DSZ Denniston Nort, DSZ Denniston Nort, DSZ Denniston Nort, THZ Tophouse, THZ Tophouse, QRZ Quartz Range, QRZ Quartz Range, QRZ Quartz Range.

CSEM 25 16:58:00.1, 0.4, 38.05N-44.27E, h30km, MD3.6, Error ellipse: s-maj=9.6km s-min=4.3km az=75.0

ISK 25 16:57:58.7, 37.87N-44.38E, h33km, MD3.6, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include VANT Van, VANT Van, VNB Van, VNB Van, MSL Mosul, MSL Mosul, BTMT Batman, BTMT Batman, VRT Varto, VRT Varto, EZM Erzurum, EZM Erzurum, BINT Bingol, BINT Bingol, DIY Diyarbakir, DIY Diyarbakir.

IGQ 25 17:04:10.6, 1.51S-81.43W, h12km, mb4.2, 5C-2D, Error ellipse: s-maj=11.2km s-min=6.1km az=35.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HOJA Cerro de Hojas, HOJA Cerro de Hojas, IGUA Iguatata, IGUA Iguatata, JUIV Juive, JUIV Juive, ARR Arrayan, ARR Arrayan, PATA Patacocha, PATA Patacocha, ULBA Ulba, ULBA Ulba, PISA Pisayambo, PISA Pisayambo, NASI Nasa, NASI Nasa, JUA2 San Juan 2, JUA2 San Juan 2, TERV Terraza Guagua, TERV Terraza Guagua, PIMO Pino, PIMO Pino, VC1 Cotopaxi 1, VC1 Cotopaxi 1, TAMB Tambo, TAMB Tambo, YANA Yana, YANA Yana, ANTI Antisana, ANTI Antisana, ANTI Antisana, CAYR Refugio Cayamb, CAYR Refugio Cayamb, CAYA Cayambe, CAYA Cayambe.

CSEM 25 17:06:05.5, 37.88N-44.07E, h40km, MD4.3, After ISK

ISK 25 17:06:05.5, 37.88N-44.07E, h40km, MD4.3, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include VANT Van, VANT Van, VNB Van, VNB Van, MSL Mosul, MSL Mosul, BTMT Batman, BTMT Batman, VRT Varto, VRT Varto, EZM Erzurum, EZM Erzurum, BINT Bingol, BINT Bingol, DIY Diyarbakir, DIY Diyarbakir, EZC Erzinjan, EZC Erzinjan, MALT Malatya, MALT Malatya.

MAN 25 17:06:49.5, 16.39N-120.24E, h2km, mb3.9, ML2.7, MS2.4, 1D, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include BOLP Bolinao, BOLP Bolinao, BCPH Baguio City Da, BCPH Baguio City Da, SCPP Santa Cruz, SCPP Santa Cruz, ABRA Dolores, ABRA Dolores, BALP Baler, BALP Baler, CAUP Cauayan, CAUP Cauayan, APYP Conner, APYP Conner.

BUI 25 17:08:34.0, 22.53N-100.68E, h31km, ML3.6, Myanmar-China border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CHG Chiang Mai, CHG Chiang Mai.

NEIC 25 17:08:36.1, 16.46N-99.60W, h2km, MD3.9(MEX), After MEX

MEX 25 17:08:36.1, 16.46N-99.60W, h2km, mb2.9km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ACX Acapulco, ACX Acapulco, CAIG CAIG, CAIG CAIG, PNIG Pinotepa, PNIG Pinotepa, PLIG Platanillo, PLIG Platanillo, ZIIG Zihuatanejo, ZIIG Zihuatanejo, YIIG Yautepec, YIIG Yautepec, PPMI Popocatepetl, PPMI Popocatepetl, VHO Vista Hermosa, VHO Vista Hermosa, OXO Oaxaca, OXO Oaxaca, PISM Ciudad Serdan, PISM Ciudad Serdan, JOHV Veracruz, JOHV Veracruz, HUIG Huatulo, HUIG Huatulo.

ISK 25 17:11:04.3, 37.80N-43.93E, h14km, MD4.1

CSEM 25 17:11:05.0, 1.1, 37.75N-43.71E, h5km, MD4.1, Error ellipse: s-maj=3.5km s-min=2.3km az=54.0

IDC 25 17:11:07.6, 1.4, 37.76N-43.99E, mb3.7/5, mb1 3.8/9, mb1mx3.7/19, mbtmp3.7/9, ML2.7/3, Error ellipse: s-maj=25.4km s-min=20.6km az=141.0

NEIC 25 17:11:09.1, 37.70N-43.80E, h32km, MD4.2(ISK), After ISK

ISC 25 17:11:07.3, 0.7, 37.72N-0.05, 43.81E, h10km, n40, c1511/44, mb3.5/5, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, HKR Hakkari, VANT Van, VANT Van, VNB Van, VNB Van, BTMT Batman, BTMT Batman, BEST Besiri, BEST Besiri, VRT Varto, VRT Varto, GNI Gani, GNI Gani, GNI Gani, GNI Gani, DIY Diyarbakir, DIY Diyarbakir, BINT Bingol, BINT Bingol, ERZM Erzurum, ERZM Erzurum, KARS Kars, KARS Kars, EZC Erzinjan, EZC Erzinjan, BCA Borcka, BCA Borcka, MALT Malatya, MALT Malatya, MALT Malatya, GUMT Gumushane, GUMT Gumushane, GAZ Gaziantep, GAZ Gaziantep, KAHT Ahr Da, KAHT Ahr Da, COBT Iskenderun, COBT Iskenderun, ASF Jabal al Asfar, ASF Jabal al Asfar.

ISC 25 17:25:04.5, 1.1, 61.60N-92.06E, mb3.8/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.7/6, ML3.8/1, MS4.6/1, Mst1 4.6/1, ms1mx3.6/24, Error ellipse: s-maj=44.2km s-min=22.2km az=69.0

NEIC 25 17:25:09.0, 0.9, 11.59N-92.09E, h30km, mb3.9/4, Error ellipse: s-maj=20.0km s-min=13.7km az=70.0

ISC 25 17:25:06.7, 0.8, 11.65N-0.09, 92.09E, h30km, n13, c1910/13, mb3.8/8, MS4.6/1, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HYAR Hyderabad, HYAR Hyderabad, LSA Lhasa, LSA Lhasa, SONK Songoing Arr, SONK Songoing Arr, HMR Hyderabad, HMR Hyderabad, ZAL Zalesovo, ZAL Zalesovo, CHKZ Chkalovo, CHKZ Chkalovo, JHJ Hachiojima 2, JHJ Hachiojima 2, WRA Warranang Arr, WRA Warranang Arr, WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, ARCES Arces Array B, ARCES Arces Array B.

CSEM 25 17:28:04.5, 37.60N-43.90E, h31km, MD3.5, After ISK

ISK 25 17:28:04.5, 37.60N-43.90E, h31km, MD3.5, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, HKR Hakkari, VANT Van, VANT Van, VNB Van, VNB Van, BTMT Batman, BTMT Batman, ASAR Alice Springs, ASAR Alice Springs, WRA Warranang Arr, WRA Warranang Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

TVAN Van, 0.81 343 i P, Pg, 17 15 23.5 -1.2

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include TVAN Van, VNB Van, VNB Van, MSL Mosul, MSL Mosul, BTMT Batman, BTMT Batman, BEST Besiri, BEST Besiri, VRT Varto, VRT Varto, GNI Gani, GNI Gani.

DIY Diyarbakir, 2.76 274 P, Pn, 17 15 54.5 +0.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include BINT Bingol, BINT Bingol, ERZM Erzurum, ERZM Erzurum, PTK Pertek, PTK Pertek, EZC Erzinjan, EZC Erzinjan, FLZG Elazig, FLZG Elazig, MALT Malatya, MALT Malatya, MALT Malatya, MALT Malatya, GUMT Gumushane, GUMT Gumushane, GAZ Gaziantep, GAZ Gaziantep, KIV Kiv, KIV Kiv, ASF Jabal al Asfar, ASF Jabal al Asfar, BRTR Keskin Arr B, BRTR Keskin Arr B, MORC Moravsky Berou, MORC Moravsky Berou, VRAC Vranov, VRAC Vranov, BVAR Borovoy Array, BVAR Borovoy Array, GERES GERES Array B, GERES GERES Array B, CHKZ Chkalovo, CHKZ Chkalovo, CHKZ Chkalovo, CHKZ Chkalovo, KHC Kasperske Hory, KHC Kasperske Hory, FINES FINES Array B, FINES FINES Array B, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

WEL 25 17:22:45.9, 0.5, 37.09S-177.37E, h124km, 5km, ML3.5/7, Error ellipse: s-maj=6.5km s-min=6.4km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MXZ Matakaoa Point, MXZ Matakaoa Point, URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, PUZ Puketiti, PUZ Puketiti, MWZ Matawai, MWZ Matawai, KNZ Kokotu, KNZ Kokotu, BKZ Black Stump Fm, BKZ Black Stump Fm, NGZ Ngauruhoe, NGZ Ngauruhoe, CNZ Chateau, CNZ Chateau, TUV Tukino, TUV Tukino, MWZ Mount Morrison, MWZ Mount Morrison, PWZ Pawanui, PWZ Pawanui, TSZ Takapari Road, TSZ Takapari Road, BFZ Birch Farm, BFZ Birch Farm, MRZ Mangatainoka R, MRZ Mangatainoka R, KIW Kapiti Island, KIW Kapiti Island, Mount Morrison, KAW Cannon Point, KAW Cannon Point, MQZ McQueen's Vall, MQZ McQueen's Vall.

CSEM 25 17:22:59.2, 0.7, 37.81N-44.18E, h15km, MD3.8, Error ellipse: s-maj=15.2km s-min=4.4km az=87.0

ISC 25 17:22:59.6, 37.80N-44.16E, h19km, MD3.8, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, HKR Hakkari, VANT Van, VANT Van, VNB Van, VNB Van, BTMT Batman, BTMT Batman, DIY Diyarbakir, DIY Diyarbakir, IDC 25 17:25:04.5, 1.1, 61.60N-92.06E, mb3.8/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.7/6, ML3.8/1, MS4.6/1, Mst1 4.6/1, ms1mx3.6/24, Error ellipse: s-maj=44.2km s-min=22.2km az=69.0, NEIC 25 17:25:09.0, 0.9, 11.59N-92.09E, h30km, mb3.9/4, Error ellipse: s-maj=20.0km s-min=13.7km az=70.0, ISC 25 17:25:06.7, 0.8, 11.65N-0.09, 92.09E, h30km, n13, c1910/13, mb3.8/8, MS4.6/1, Andaman Islands region, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HYAR Hyderabad, HYAR Hyderabad, LSA Lhasa, LSA Lhasa, SONK Songoing Arr, SONK Songoing Arr, HMR Hyderabad, HMR Hyderabad, ZAL Zalesovo, ZAL Zalesovo, CHKZ Chkalovo, CHKZ Chkalovo, JHJ Hachiojima 2, JHJ Hachiojima 2, WRA Warranang Arr, WRA Warranang Arr, WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, ARCES Arces Array B, ARCES Arces Array B.

CSEM 25 17:22:59.2, 0.7, 37.81N-44.18E, h15km, MD3.8, Error ellipse: s-maj=15.2km s-min=4.4km az=87.0

ISC 25 17:22:59.6, 37.80N-44.16E, h19km, MD3.8, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, HKR Hakkari, VANT Van, VANT Van, VNB Van, VNB Van, BTMT Batman, BTMT Batman, DIY Diyarbakir, DIY Diyarbakir.

IDC 25 17:25:04.5, 1.1, 61.60N-92.06E, mb3.8/5, mb1 3.9/6, mb1mx3.7/18, mbtmp3.7/6, ML3.8/1, MS4.6/1, Mst1 4.6/1, ms1mx3.6/24, Error ellipse: s-maj=44.2km s-min=22.2km az=69.0

NEIC 25 17:25:09.0, 0.9, 11.59N-92.09E, h30km, mb3.9/4, Error ellipse: s-maj=20.0km s-min=13.7km az=70.0

ISC 25 17:25:06.7, 0.8, 11.65N-0.09, 92.09E, h30km, n13, c1910/13, mb3.8/8, MS4.6/1, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HYAR Hyderabad, HYAR Hyderabad, LSA Lhasa, LSA Lhasa, SONK Songoing Arr, SONK Songoing Arr, HMR Hyderabad, HMR Hyderabad, ZAL Zalesovo, ZAL Zalesovo, CHKZ Chkalovo, CHKZ Chkalovo, JHJ Hachiojima 2, JHJ Hachiojima 2, WRA Warranang Arr, WRA Warranang Arr, WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, ARCES Arces Array B, ARCES Arces Array B.

CSEM 25 17:28:04.5, 37.60N-43.90E, h31km, MD3.5, After ISK

ISK 25 17:28:04.5, 37.60N-43.90E, h31km, MD3.5, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HKR Hakkari, HKR Hakkari, VANT Van, VANT Van, VNB Van, VNB Van, BTMT Batman, BTMT Batman, ASAR Alice Springs, ASAR Alice Springs, WRA Warranang Arr, WRA Warranang Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

IDC 25 17:56:59.3±2.6, 13.03N-92.80E, mb3.6/3, mb1 3.7/4, mb1mx3.5/1.8, mbtmp3.4/1.4, ML3.2/1, Error ellipse: s-maj=63.6km s-min=26.1km az=88.0, Andaman Islands region
 Code Station Name Δ° AZ° Phase ID Time Res
 CMAR Chiang Mai Arr 8.00 47 Op Pn 17 56 58.2 -1.4
 0.1nm, 0.3s, baz=237, slow=15, SNR=26
 CMAR Sn Sn 18 00 27.4 -4.6
 0.6nm, 0.3s, baz=240, slow=33, SNR=7.0
SONM Songoing Array 36.51 15 P
 0.5nm, 0.4s, baz=207, slow=16, SNR=8.8
WRA Warramunga Arr 52.39 128 P
 0.4nm, 0.4s, baz=306, slow=9.4, SNR=13
ASAR Alice Springs 54.28 132 P
 0.3nm, 0.4s, baz=310, slow=7.0, SNR=14

PRE 25 18:10:34.1±0.6, 26.92S-26.72E, h2km, ML4.2
IDC 25 18:10:34.7±0.9, 26.89S-26.56E, mb4.0/9, mb1 4.1/9, mb1mx4.0/1.9, mbtmp4.0/0.9, Error ellipse: s-maj=42.2km s-min=25.2km az=91.0
BUJ 25 18:10:35.2±26.90S-26.60E, h5km, mb5.1, Ms5.1, Msz4.7
NEIC 25 18:10:35.2±0.5, 26.86S-26.59E, h5km, mb4.5/3, Error ellipse: s-maj=22.0km s-min=9.2km az=111.0
ISC 25 18:10:33.2±0.4, 26.88S-0.04, 26.64E±0.05, h5km, n26, +f102, 23m, b4.0/1.0, 1C-1D, South Africa

Code	Station Name	Δ° AZ°	Phase ID	Time Res
SEK	Senekal	1.68 149	Op Pn	18 11 03.2 -0.3
SEK			eS	18 11 24.6 -1.0
SEK			eS	18 11 26.4
SLR	Silverton	1.87 53	Op Pn	18 11 06.4 +0.2
SLR			eS	18 11 29.8 -0.6
SLR			eS	18 11 32.5
BOSA	Boshof	2.12 215	Op Pn	18 11 11.1 +1.4
BOSA			eS	18 11 35.9 -0.8
BOSA			eS	18 11 10.2 +0.5
BOSA			eS	18 11 36.4 -0.3
NWL	Newcastle	3.06 107	Op Pn	18 11 21.3 -2.0
NWL			eS	18 12 02.5 +1.7
NWL			eS	18 12 08.9
MSNA	Messina	5.47 35	Op Pn	18 11 56.2 -1.2
MSNA			e	18 12 10.5
SUR	Sutherland	7.46 221	Op Pn	18 12 24.4 -1.0
LSZ	Lusaka	11.64 71	Op Pn	18 13 20.2 -2.9
LSZ			eS	18 15 24.5 -1.0
SYO	Syowa Base	42.85 173	Op Pn	18 18 34.0 +0.4
DBIC	Dimbokro	45.20 313	Op Pn	18 18 52.1 -1.3
DBIC			eS	18 18 52.5 -0.9
SNAA	Sanaa	47.73 192	Op Pn	18 19 12.4 -0.2
BRTR	Keiskin Array B	65.58 61	Op Pn	18 21 27.3 +0.7
ESDC	Sonsea Array	72.10 336	Op Pn	18 22 00.3 -0.3
GERES	GERESS Array B	76.27 351	Op Pn	18 22 25.6 +1.1
AKASG	Malin Array Be	77.27 212	Op Pn	18 22 29.9 -0.2
LSA	Lhasa	83.53 52	Op Pn	18 23 04.6 +0.8
LPAZ	La Paz	86.90 253	Op Pn	18 23 22.1 +1.2
LPAZ			eS	18 23 21.7 +0.8
FINES	Finnesse Array B	88.01 360	Op Pn	18 23 26.4 +1.2
WMQ	Urumqi	89.85 39	Op Pn	18 23 35.3 +0.9
ASAR	Alice Springs	93.64 119	Op Pn	18 23 53.1 +0.8
YKA	Yellowknife Ar	136.20 335	Op Pn	18 29 57.4 -0.4
ILAR	Eielson Array	141.88 356	Op Pn	18 30 02.8
BMO	Blue Mountains	146.07 311	Op Pn	18 30 16.8 +2.4
NVAR	Mina Array Base	148.50 300	Op Pn	18 30 25.3 +5.4

CSEM 25 18:17:09.6±1.1, 37.81N-43.95E, h8km, MD3.8, Error ellipse: s-maj=26.1km s-min=5.7km az=90.0
ISC 25 18:17:09.8±1.1, 37.81N-43.94E, h8km, MD3.8
ISC 25 18:17:09.5±1.4, 37.78N-0.03-44.0E, 0.1, h9km, n13, +095/21, Turkey-Iran border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
HKR	Hakkari	0.30 229	Op Pn	18 17 16.2 +0.5
HKR			eS	18 17 19.0 +0.5
VANT	Van	0.84 323	Op Pn	18 17 26.5 +0.2
VANT			eS	18 17 37.9 +0.4
TVAN	Van	0.90 327	Op Pn	18 17 26.8 +0.0
TVAN			eS	18 17 39.8 +1.1
VANB	Van	0.96 329	Op Pn	18 17 26.9 -1.8
VANB			eS	18 17 39.4 -2.2
MSL	Mosul	1.66 207	Op Pn	18 17 40.0 +1.0
MSL			eS	18 18 00.0 -0.8
MSL			eS	18 18 01.5 -3.4
BTMT	Batman	2.05 282	Op Pn	18 17 45.7 +1.1
BEST	Besiri	1.19 274	Op Pn	18 18 14.3 +0.3
BEST			eS	18 18 14.3 +0.3
VRT	Varto	2.38 305	Op Pn	18 17 49.0 -0.3
ERZM	Erzurum	2.98 316	Op Pn	18 17 56.9 -0.9
BINT	Bingol	2.99 293	Op Pn	18 17 58.4 +0.4
DIY	Diyarbakir	3.01 273	Op Pn	18 17 59.0 +0.7
PTK	Pertek	3.81 238	Op Pn	18 18 10.2 +0.5
ELZG	Elazig	4.04 282	Op Pn	18 18 02.9 -1.0
ELZG			eS	18 18 50.7 -1.0

IDC 25 18:26:53.5±2.0, 19.47S-68.83W, h81km, 20km, mb3.7/3, mb1 3.9/5, mb1mx3.7/1.4, mbtmp4.0/0.5, Error ellipse: s-maj=55.0km s-min=15.3km az=95.0, Chile-Bolivia border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
LVC	Limon Verde	3.13 181	Op Pn	18 27 39.0 -2.8
LVC			eS	18 28 18.2 0.0
LPAZ	La Paz	3.23 12	Op Pn	18 27 43.6 +0.4
LPAZ			eS	18 28 25.6 +4.8
PLCA	Paso Flores	21.25 184	Op Pn	18 31 34.0 -0.7
DBIC	Dimbokro	68.10 74	Op Pn	18 37 44.7 -2.5
YKA	Yellowknife Ar	89.31 281	Op Pn	18 39 39.2 -2.3
SONM	Songoing Array	151.44 7	Op Pn	18 46 39.2 +7.6

PRU 25 18:31:02.5±5.0, 10N-18.37E
WAR 25 18:31:01.5±5.0, 07N-18.46E, h0km, ML2.5, 3D, Mining Induced, Poland

Code	Station Name	Δ° AZ°	Phase ID	Time Res
RAC	Raciborz	0.17 276	Op Pn	18 31 06.0 +1.1
RAC			eS	18 31 09.0 +1.3
RAC	Raciborz	0.17 276	Op Pn	18 31 09.4 +2.2
RAC			eS	18 31 08.0 +0.4
OKC	Ostrava-Krasne	0.30 222	Op Pn	18 31 12.9 +1.2
OKC			eS	18 31 12.9 +1.2
QJC	Qjow	0.88 79	Op Pn	18 31 18.0 -1.0
QJC			eS	18 31 30.0 -0.6
LIK	Likavka	1.10 157	Op Pn	18 31 40.7 +2.6
NIE	Niedzica	1.37 118	Op Pn	18 31 28.0 -0.8
NIE			eS	18 31 47.0 0.0
DPC	Dobruska-Polom	1.40 283	Op Pn	18 31 27.6 -1.9

Code	Station Name	Δ° AZ°	Phase ID	Time Res
DPC	52nm, 0.3s			
KOLL	Kolacno	1.49 181	Op Pn	18 31 28.9 -2.3
KOLL			eS	18 31 50.5 -0.6
KSP	Ksiaz	1.59 300	Op Pn	18 31 29.9 -1.1
KSP			eS	18 31 32.8 -0.6
KSP			eS	18 31 52.1 -2.3
VYHS	Vyhne	1.59 171	Op Pn	18 31 30.3 -3.0
VYHS			eS	18 31 53.5 -1.0
UPIC	Upice	1.63 287	Op Pn	18 31 30.3 -3.8
UPIC			eS	18 31 52.9 -2.5
SMOL	Smolenice	1.69 204	Op Pn	18 31 31.7 -3.6
SMOL			eS	18 31 55.6 -2.3
CRVS	Cervenica-Dubn	2.28 120	Op Pn	18 31 44.0 +3.2
CRVS			eS	18 32 15.3 +5.3
PRU	Pruha	2.53 270	Op Pn	18 31 46.8 -5.2
PVCC	Panska Ves	2.54 282	Op Pn	18 31 49.0 -3.2
KOLS	Kolonice sedl	2.73 113	Op Pn	18 31 54.1 -1.9
KOLS			eS	18 32 33.3 +0.8
KHC	Kasperske Hory	3.31 255	Op Pn	18 31 53.8 -1.8
KHC			eS	18 32 01.9 -5.7
KHC			eS	18 32 45.8 -5.9
CLL	Collm	3.69 292	Op Pn	18 32 58.0 -6.2
EZM	Erzurum	19.05 113	Op Pn	18 35 29.0 +1.6
BINT	Bingol	19.25 117	Op Pn	18 35 27.6 -1.8

ISK 25 18:34:41.4, 37.74N-43.94E, h26km, MD3.9
TIF 25 18:34:42.3, 37.72N-43.66E, h18km, 4km
CSEM 25 18:34:42.4±0.1, 37.74N-43.60E, h5km, mb4.0/2, Error ellipse: s-maj=30.3km s-min=2.6km az=64.0
IDC 25 18:34:43.7±1.4, 37.62N-44.02E, mb3.4/2, mb1 3.6/6, mb1mx3.5/1.8, mbtmp3.5/6, ML2.8/4, MS4.1/1, Ms1 3.1/1, ms1mx2.5/2.5, Error ellipse: s-maj=24.1km s-min=16.9km az=130.0
NEIC 25 18:34:45.6±0.8, 37.56N-43.85E, h10km, mb4.0/2, Error ellipse: s-maj=17.0km s-min=10.3km az=158.0
ISC 25 18:34:44.3±0.8, 37.64N-0.04, 43.74E±0.06, h10km, 5km, n30, +f155/36, mb3.9/5, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res
HKR	Hakkari	0.06 175	Op Pn	18 34 47.2 +0.7
VANT	Van	0.85 341	Op Pn	18 34 58.5 -3.0
VANT			eS	18 34 59.7 -2.4
TVAN	Van	0.93 344	Op Pn	18 35 12.8 -1.4
TVAN			eS	18 34 59.8 -4.5
VANB	Van	0.99 344	Op Pn	18 35 14.8 -0.8
VANB			eS	18 35 16.6 0.0
BEST	Besiri	1.97 278	Op Pn	18 35 19.6 +1.4
BEST			eS	18 35 45.3 +2.2
VRT	Varto	2.29 311	Op Pn	18 35 19.9 -2.9
GNI	Garni	2.62 17	Op Pn	18 35 28.6 +1.0
GNI			Lg	18 36 07.4
GNI			Lg	18 36 42.4
DIY	Diyarbakir	2.79 276	Op Pn	18 35 28.7 -1.3
ERZM	Erzurum	2.93 321	Op Pn	18 35 44.6 +1.9
ERZM			eS	18 36 42.6 +2.1
AKH	Akhaikakali	3.77 357	Op Pn	18 35 51.9 +8.0
URFA	Urfa	3.91 269	Op Pn	18 35 43.9 -1.9
MTA	Mtatsminda	4.13 11	Op Pn	18 35 48.3 -0.7
MTA			eS	18 37 03.0 +1.0
MALT	Malatya	4.25 281	Op Pn	18 35 48.5 -2.2
MALT			eS	18 35 50.2 -0.4
MALT			eS	18 36 09.1 -0.1
BHD	Baghdad	4.39 173	Op Pn	18 36 05.0
BHD			eS	18 37 09.0
ONI	Oni	4.94 258	Op Pn	18 36 03.7 +3.2
ONI			eS	18 37 33.5
GAZ	Gaziantep	5.21 267	Op Pn	18 36 02.1 -2.2
KIV	Kilivodsk	6.36 353	Op Pn	18 36 24.3 +3.8
ASF	Jabal al Asfar	7.82 228	Op Pn	18 36 40.2 -0.8
ASF			eS	18 38 12.4 +1.8
ASF			eS	18 38 57.9
BRTR	Keiskin Array B	8.17 288	Op Pn	18 36 46.8 +0.8
EIL	Eilat	10.80 225	Op Pn	18 40 33.0
AKASG	Malin Array Be	16.66 326	Op Pn	18 38 39.8 +0.5
BRVK	Borovoye	24.01 42	Op Pn	18 40 01.3 +1.4
BRVK			eS	18 40 01.3 +1.4
GERES	GERESS Array B	24.02 307	Op Pn	18 40 05.1 +1.2
KURK	Kurchatov	27.95 51	Op Pn	18 40 35.7 -1.0
KURK			eS	18 40 35.7 -1.0
HFS	Hagfors	29.50 329	Op Pn	18 40 51.4 +0.9
CMAR	Chiang Mai Arr	51.59 96	Op Pn	18 43 50.5 -2.5

TRN 25 18:37:06.0, 11.21N-58.21W, h10km, MD4.7, Md4.8(FDF)
IDC 25 18:37:09.2±0.5, 11.14N-58.47W, mb4.2/16, mb1 4.5/18, mb1mx4.4/2.2, mbtmp4.3/1.8, ML5.8/2, MS4.3/1, Ms1 4.4/1, ms1mx3.2/1.8, Error ellipse: s-maj=17.1km s-min=14.1km az=102.0

BUJ 25 18:37:11.1, 11.10N-58.50W, h10km, mb5.3, Msz5.5
NEIC 25 18:37:11.1±0.4, 11.14N-58.48W, h10km, mb4.8/15, MD4.6(TrN), Error ellipse: s-maj=9.0km s-min=7.3km
ISC 25 18:37:11.2±0.9, 11.39N-0.03, 58.52W±0.03, h13km, 5km, n80, +f101/120, b4.1/327, MSS.0/2, 9C-4D, North Atlantic Ocean

Code	Station Name	Δ° AZ°	Phase ID	Time Res
BBSP	Saint Philip	1.94 332	Op Pn	18 37 50.3 +0.4
BBSP			eS	18 38 14.0 -1.8
BOT	Bacolet	2.17 264	Op Pn	18 38 05.1 -1.1
BOT			eS	18 38 05.8 -8.6
TPR	Prospect	2.22 265	Op Pn	18 37 49.2 +0.9
TPR			eS	18 38 07.2 -8.7
TBH	Brigand Hill	2.66 250	Op Pn	18 37 55.9 +1.4
TRH	Trinidad (W)	2.92 256	Op Pn	18 38 26.0 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM Jordan, CUYO Cuyo Island, PAGZ Pagadian, etc.

ICD 25 18:43:54.3.1.7.22N-91.60E, mb3.7/3, mb1 3.9/4, mb1mx3.7/18, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=94.7km s-min=28.4km az=77.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

LDG 25 18:45:14.7±0.2, 51.72N±7.86E, h1km, ML2.6/7, Error ellipse: s-maj=3.9km s-min=3.7km az=132.0, Suspected Mining Induced. BNS 25 18:45:14.9±1.1, 51.74N±7.88E, h1km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BAHL Ahlen, BUG Bochum-Univer, BUC Bochum-Univer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WTSB Winterswijk, IBBN Ibbenburen, IBBN Steinbach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STB Steinbach, KLL Kalitaisperre, KLL Kall, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BGG Borgeitz, PNT Taunus Mts, TNS TNS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HGN Heimansgroeve, HGN Heimansgroeve, CLZ Clausthal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRDL Niedersach Rie, WLF Walferdange, WLF Walferdange, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WLF Walferdange, GIVF Givet, GIVF Givet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOU Dourbes, MOX Moxa, MOX Moxa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WERD Werda, WERD Werda, GUNZ Gunzen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDF Champ du Feu, TANN Tannenbergestha, TANN TANN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALID Alaid, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=N,3um,0.5s, SKR comp=E,2um,0.5s, SKR comp=Z,7um,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=N,15um,2.0s, SKR comp=Z,30um,2.0s, SKR comp=N,56um,3.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,81um,4.0s, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,3um,0.6s, SKR comp=E,3um,0.6s, SKR comp=E,7um,0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,12um,2.0s, SKR comp=E,20um,2.0s, SKR comp=E,14um,2.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,15um,2.0s, SKR comp=E,30um,2.0s, SKR comp=E,56um,4.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,8um,4.0s, SKR comp=E,44um,4.0s, SKR comp=E,50um,4.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,80um,4.0s, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR comp=E,10um,1.0s, GRL Gorelyy, GRL Gorelyy, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRM Karymshinskiy, KRM Karymshinskiy, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMNR Kamenistaya, KMNR Kamenistaya, KOZ Kozyrevsk, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KPT Koyto, KPT Koyto, TYV Tymnovskoe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TYV comp=Z,1um,4.0s, TYV comp=Z,96nm,0.8s, TYV comp=N,1um,13.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TYV comp=E,1um,13.0s, TYV comp=Z,2um,13.0s, TYV Tymnovskoe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRDR Sredinnyy, SRDR Sredinnyy, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK comp=E,1um,0.5s, YUK comp=Z,2um,0.5s, YUK comp=Z,3um,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK comp=N,2um,0.5s, YUK comp=E,2um,0.8s, YUK comp=Z,3um,16.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK comp=Z,3um,1.0s, YUK comp=Z,1um,0.5s, YUK comp=Z,2um,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK comp=Z,2um,0.5s, YUK comp=Z,2um,0.5s, YUK comp=Z,2um,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK comp=Z,4um,1.0s, YUK comp=Z,6um,1.0s, YUK comp=Z,3um,16.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLY Klyuchi, KLY Klyuchi, UGL Uglgorsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UGL comp=Z,100nm,0.7s, UGL comp=N,2um,9.0s, UGL comp=Z,1um,16.0s, etc.

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

KRSC 25 18:54:24.5±0.9, 48.98N-155.02E, h119km, 7km, ML5.7. MOS 25 18:54:25.7±0.9, 49.30N-154.38E, h134km, mb5.4/88, Error ellipse: s-maj=6.1km s-min=3.4km az=92.4. SKHL 25 18:54:25.3±0.2, 49.21N-154.33E, h37km, mb5.7/5, mbh5.7/1, Ms4.3/6, msh5.5/8.

BUI 25 18:54:25.5, 49.53N-154.65E, h150km, mb5.0, mb4.8. BGS 25 18:54:26.1, 3.49, 40N-156.08E, h134km, mb5.5. IDC 25 18:54:27.8±0.5, 49.34N-154.32E, h141km, 4km, mb5.0/23, mb1.5/2/25, mb1mx5.2/26, mbtmp5.4/25, MS4.0/7, Ms1.4/1.7, ms1mx3.6/32, Error ellipse: s-maj=1.1km s-min=0.5km az=144.0. HRVD 25 18:54:27.0±0.2, 49.26N-154.76E, h136km, 2km, MW5.3/69, Centroid moment Tensor Solution. LF body waves: s40, c52; Mantle waves: s69, c124; Half duration: 1s1. Moment tensor: Scale 1017Nm; Mir0.31±.03; Mw-0.28±.04; Mw0-0.02±.03; Mo0.80±.03; Mw0-0.57±.03; Mw-0.20±.02; Best double couple: Mo1.038±.1017 NP1: 0s196°, 037°, 118°. NP2: 0s91°, 079°, 125°. Principal axes: T1.092, P1g44°, Azm36°; N-.107, P1g34°, Azm264°; P-.985, P1g26°, Azm154°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

NEIC 25 18:54:27.0±0.1, 49.31N-154.36E, mb5.4/143. Error ellipse: s-maj=3.4km s-min=2.0km az=176.0. ISC 25 18:54:25.2±0.3, 49.27N-154.42E±0.02, h132km, 2km, h139km, 2.0km; p-P, n794, c0689/849, mb5.2/201, comp=E, 380nm, 1.5s.

25d 18h

Table with columns for station code, name, frequency, and signal strength. Includes stations like OKH, SVLR, KBG, KBTR, etc.

2005 JAN

Table with columns for station code, name, frequency, and signal strength. Includes stations like MDJ, KROS, KROK, etc.

814

Table with columns for station code, name, frequency, and signal strength. Includes stations like PALMER, MOY, SAWMILL, etc.

Table with columns: Station Name, Time, Res, etc. Includes stations like Paso Flores, Limon Verde, La Paz, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Tokai, Tokai 2, Tokai 3, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Matakaoa Point, Pukekura, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Chongchag, San Cristobal, Leon, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Tican, WLN, SBL, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Poinde-A-Pierr, Trinidad, etc.

NIED 25:20:30.00, 33.30N, 137.10E, h3km, Mw3.8 Best double couple: Ms5.66x1014 NP1.9q293°, δ76°, λ126°. NP2.9q42°, δ38°, λ24°. IDC 25:20:30.00, 6.2.9.33.43N-137.24E, mb3.4/3, mb1 3.7/4, mb1mx3.4/22, mbmp3.5/4, ML3.7/1, Error ellipse: s-maj=71.6km s-min=24.1km az=179.0 JMA 25:20:04.1±0.1, 33.26N-137.14E, h42km±2km, M4.1 JMA Felt J1. ISC 25:20:04.3±0.6, 33.27N-104.137.13E±0.03, h36km±12km, n21, c0575736, mb3.5/3, 3C-7D, Near south coast of Easter Honshu

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Tokai, Tokai 2, Tokai 3, etc.

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

MAN 25:20:31:20.3, 13.62N-120.61E, h100km, mb3.7, ML2.5, MS2.0, 1C, Mindoro

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Lubang, Lukban, San Jose, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Chichijima, Enshi, Sogingo Array, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Chichijima, Enshi, Sogingo Array, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Uchtor, Almayashu, Chkalovo, etc.

Table with columns: Station Name, Time, Res, etc. Includes stations like Mina Aray Bay, Fines Finest Array B, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Chichijima, Borovoye, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Chichijima, Polp Pollio Island, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Yaka, Yelkownite Arr, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Schefferville, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Clarke City, Poinde Angles, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Clarke City, Poinde Angles, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like Gorkha, KKN KKN, etc.

ellipse: s-maj=17.2km s-min=3.8km az=88.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HKR Hakkari, VANT Van, TVAN Van, etc.

IDC 25 20:58:40.2, 20.0, 19.25S-179.14W, h655km, 195km, mb2.7/3, mb1 3.0/3, mb1mx2.8/13, mbtmp3.7/3, Error ellipse: s-maj=276.1km s-min=61.9km az=134.0, Fiji

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

IDC 25 21:10:51.2, 20.0, 4.42N-93.16E, mb3.2/2, mb1 3.5/3, mb1mx3.3/18, mbtmp3.3/3, ML3.4/1, Error ellipse: s-maj=168.2km s-min=34.2km az=72.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 25 21:17:27.6, 7.7, 1.26S-119.86E, h44km, 77km, mb3.7/8, mb1 3.8/8, mb1mx3.7/16, mbtmp3.9/8, Error ellipse: s-maj=86.9km s-min=17.7km az=59.0

NEIC 25 21:17:28.4, 2.2, 1.23S-119.90E, h53km, 22km, mb4.3/7, Error ellipse: s-maj=37.1km s-min=8.9km az=55.0

ISC 25 21:17:23.3, 4.0, 1.01S-102.06E, 120.1E, 0.1, h23km, 30km, n08, c0812/1, mb1 1.15, 2C-1D, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TANI Tanete Lijupan, BUNU Buntu Taipa, WRA Warramunga Arr, ASAR Alice Springs, etc.

IGQ 25 21:33:41.0, 1.29S-81.21W, h9km, 5km, mb4.0, 2C-2D, Error ellipse: s-maj=9.6km s-min=6.7km az=143.1, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatula, ARRY Arrayan, etc.

IDC 25 21:52:55.9, 1.4, 5.60N-94.53E, mb3.7/7, mb1 3.9/8, mb1mx3.7/19, mbtmp3.7/8, ML4.3/1, Error ellipse: s-maj=89.8km s-min=20.1km az=53.0

NEIC 25 21:52:58.0, 1.0, 5.25N-94.10E, h30km, mb4.3/5, Error ellipse: s-maj=33.1km s-min=14.6km az=61.0

ISC 25 21:52:57.3, 0.9, 5.3N-101.94E, 0.2, h30km, n13, c106/13, mb3.9/12, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, Zalevovo, BVAR Borovoye, etc.

CSEM 25 21:54:24.4, 1.2, 37.73N-44.05E, h10km, MD3.9, Error ellipse: s-maj=28.7km s-min=5.9km az=98.0

ISC 25 21:54:22.8, 37.68N-44.20E, h14km, MD3.9, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HKR Hakkari, VANT Van, TVAN Van, etc.

CSEM 25 21:58:09.5, 37.69N-43.78E, h31km, MD3.5, After ISK

ISC 25 21:58:09.5, 37.69N-43.78E, h31km, MD3.5, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HKR Hakkari, VANT Van, TVAN Van, etc.

IGQ 25 22:00:32.6, 1.54S-81.19W, h16km, 6km, mb4.5, 4C-5D, Error ellipse: s-maj=8.3km s-min=6.2km az=161.3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HOJA Cerro de Hojas, MAGD Magdalena, IGUA Iguatula, etc.

IDC 25 22:05:22.9, 1.1, 18.12N-79.61W, mb3.9/10, mb1 4.2/11, mb1mx4.1/18, mbtmp4.0/11, ML4.2/1, MS3.2/1, Me1 3.2/1, ms1mx2.4/16, Error ellipse: s-maj=30.4km s-min=23.2km az=12.0

NEIC 25 22:05:24.0, 0.4, 18.10N-79.62W, h10km, mb4.2/5, Error ellipse: s-maj=12.2km s-min=7.3km az=219.0

JSN 25 22:05:26.0, 0.4, 18.08N-79.59W, h29km, 749km, MD4.6

ISC 25 22:05:24.1, 2.3, 18.0N-101.79W, 0.05, h24km, 19km, n30, c087/28, mb4.0/14, MS3.1/1, 6C, North of Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguatula, ARRY Arrayan, etc.

0.8nm, 0.6s, baz=87, slow=3.7, SNR=12

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

IGQ 25 22:07:31.2, 1.60S-81.27W, h12km, 7km, mb4.3, 2C-3D, Error ellipse: s-maj=7.4km s-min=5.5km az=173.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HOJA Cerro de Hojas, MAGD Magdalena, IGUA Iguatula, etc.

IDC 25 22:21:22.3, 6.2, 20.60N-93.71E, mb3.7/2, mb1 4.1/3, mb1mx3.6/18, mbtmp3.8/3, ML4.3/1, Error ellipse: s-maj=126.3km s-min=80.8km az=164.0

ISC 25 22:21:27.5, 1.0, 20.30N-93.93E, 0.2, h33km, n10, c038/12, mb3.8/2, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CHG Chiang Mai, CMAR Chiang Mai Arr, JIRN Jirani, etc.

NEIC 25 22:21:27.3, 16.32N-99.57W, h18km, MD3.9(MEX), After MEX

MEX 25 22:21:27.4, 1.0, 16.33N-99.57W, h18km, 8km, MD3.9, Near coast of Guerrero

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

NERS 25 22:21:46.4, 70.20N-137.85E

MOS 25 22:21:56.9, 1.2, 69.71N-138.76E, h10km, 5km, 1/62, MS4.5/20, Error ellipse: s-maj=13.1km s-min=4.5km az=97.0

IDC 25 22:21:56.9, 0.5, 69.73N-138.77E, mb4.6/30, mb1 4.8/30, mb1mx4.8/32, mbtmp4.6/30, MS4.3/16, Ms1 4.4/16, ms1mx4.3/20, Error ellipse: s-maj=12.8km s-min=11.2km az=172.0

BUI 25 22:21:58.5, 69.70N-138.80E, h10km, mb4.9, mb4.7, MS2.5/24, MS5.1

NEIC 25 22:21:58.5, 0.2, 69.66N-138.83E, h10km, mb5.0/76, MS4.5/28, Error ellipse: s-maj=5.9km s-min=4.1km az=178.0

NEIC Felt at Deputatskiy, HRVD 25 22:21:58.5, 0.2, 69.82N-138.34E, h18km, 1km, MW5.1/67, Centroid moment Tensor Solution. LP body waves;

s43,c61; Mantle waves: s67,c121; Half duration: 0

Moment tensor: Scale 10^16Nm; Mw: 0.74; 17; Mw: 3.15; 36; Mw: 2.41; 14; Mw: 0.89; 33; Mw: 3.49; 12; Mw: 1.93; 36; Best double couple: Mw: 4.94; 1019 NP1;

alpha251; 664; 14; NP2: 159; 687; 154; Principal axes: T: 4.604, P: 2.112, N: 687, P: 664; Azm332; P: 5.291; Plg16; Azm208; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ISC 25 22:21:57.3, 0.1, 69.70N-138.85E, 0.06, h14km, h14km, 1.6km, pP-P, N330, c120/344, mb4.9/16, MS4.5/55, 10C-16D, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BTGS Batagay, EBS EBS, TIXI Tiksi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Smoothing, Elevation Smoothing, Azimuth Filtering, Elevation Filtering, Azimuth Interpolation, Elevation Interpolation, Azimuth Extrapolation, Elevation Extrapolation, Azimuth Derivation, Elevation Derivation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Smoothing, Elevation Smoothing, Azimuth Filtering, Elevation Filtering, Azimuth Interpolation, Elevation Interpolation, Azimuth Extrapolation, Elevation Extrapolation, Azimuth Derivation, Elevation Derivation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Smoothing, Elevation Smoothing, Azimuth Filtering, Elevation Filtering, Azimuth Interpolation, Elevation Interpolation, Azimuth Extrapolation, Elevation Extrapolation, Azimuth Derivation, Elevation Derivation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation.

IGQ 25 22:22:49.1, 1505:81.12W, h17km, gkm, mb4.1, 4C-1D. Error ellipse: s-maj=14.0km s-min=9.5km az=158.2, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Smoothing, Elevation Smoothing, Azimuth Filtering, Elevation Filtering, Azimuth Interpolation, Elevation Interpolation, Azimuth Extrapolation, Elevation Extrapolation, Azimuth Derivation, Elevation Derivation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation, Azimuth Integration, Elevation Integration, Azimuth Differentiation, Elevation Differentiation.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Kahutara, Lake Taylor, Rata Peaks, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SRU San Rafael, TXAR Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GUC 26:03:35:10.6, ILCH Ilapel, TLL Tololo Astrono, etc.

Table of station data for the left column, including call signs like LZH, WHN, NJ2, WMQ, BJT, BJI, AAK, FRU, MKAR, SONM, UNLN, ZAK, NWAO, ZAL, HIA, NVS, MDJ, WRA, WRAB, BRVK, CHKZ, ASAR, and BOD, with associated coordinates and status.

Table of station data for the middle column, including call signs like GNI, CLNS, SVE, ARU, KIV, KMB, ASF, MALT, SOC, YAK, STKA, ANN, BRTR, MBAR, MOS, OBN, MA2, AKASG, JOF, KAF, KECS, NIE, CJC, VYHS, OKK, ARCES, MORC, ZST, BOSA, BILL, DPC, KSP, UPC, PRU, and PVCC, with associated coordinates and status.

Table of station data for the right column, including call signs like BRG, GRES, GRES, KHC, CLL, CLL, NKK, GRA1, GRF, GRF, GRF, NOA, NOA, NOA, LGP, LGP, SYO, SYO, ESDC, VMA, ILAR, ILAR, INK, INK, RES, RES, DBIC, YKA, YKA, NVAR, PDAR, TXAR, TXAR, JCT, PLCA, PLCA, Code, VIS, VIS, VIS, CMAR, HYB, HYB, SHL, JIRN, PKI, BHP, GKN, KOLN, LSA, ENH, ENH, SONM, SONM, FITZ, BVAR, BVAR, CHKZ, CHKZ, WRA, WRAB, ASAR, ASAR, BRTR, BRTR, and FINES, with associated coordinates and status.

Table with columns: ILAR, Eielson Array, 93.40 21 P, P, 04 11 58.4 -1.3, comp=E, 0.3nm, 0.7s, mb3.8, bsz=308, slow=4.2, SNR=6.4

Table with columns: CSEM 26 04:02:05.5, 37.70N-43.94E, h30km, MD3.6, After ISK, ISK 26 04:02:05.5, 37.40N-43.94E, h30km, MD3.6, Turkey

Table with columns: BINT Bingol, 2.96 294 ePN, Pn, 04 02 52.5 +0.9, IDC 26 04:05:25.1, 14.64N-93.90E, mb3.5/2, mb1 3.6/3, mb1mx3.4/19, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=77.6km s-min=32.1km az=81.0, Andaman Islands region

Table with columns: CSEM 26 04:21:42.0, 37.72N-43.87E, h5km, MD3.7, After ISK, ISK 26 04:21:42.0, 37.72N-43.87E, h5km, MD3.7, Turkey

Table with columns: IGUA Igalata, 3.17 87 P, Pn, 04 34 16.0 +0.5, CUSU Cusua, 3.33 86 P, Pn, 04 34 19.7 +1.9

Table with columns: IGQ 26 04:40:49.4, 1.71S-81.75W, h16km, gkm, mb4.2, Off coast of Ecuador, Error ellipse: s-maj=14.5km s-min=10.0km az=20.1, Off coast of Ecuador

Table with columns: IGQ 26 05:07:08.5, 1.47S-81.51W, h16km, gkm, mb4.2, 2C-7F, Error ellipse: s-maj=11.5km s-min=9.2km az=19.7, Off coast of Ecuador

Table with columns: BUI 26 05:14:27.3, 12.94N-92.21E, h30km, mb5.0, mb4.2, Ms4.1, Ms2.9, IDC 26 05:14:31.0, 13.07N-92.62E, mb4.0/14, mb1 4.2/15, mb1mx4.1/20, mbtmp4.0/15, ML3.9/1, MS3.2/1, Ms1 3.4/1, ms1mx2.5/27, Error ellipse: s-maj=32.5km s-min=14.9km az=52.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ITHMI, RIOSOL, VLS, LKR, EVRYTANIA, ATH, etc.

CSEM 26 05:49:59.3, 39.60N-33.19E, h4km, MD3.6, After ISK
ISK 26 05:49:59.3, 39.60N-33.19E, h4km, MD3.6
ISC 26 05:50:00.1, 0.4, 39.59N-0.03-33.18E, 0.03, h4km, n24,
e069/33, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ANTO, ANTO, LOD, LOD, KAMT, KAMT, ELDT, ELDT, etc.

MDD 26 06:30:04.9-1.0, 34.62N-9.73W, h33km, mb4.3/11, Error
ellipse: s-maj=13.3km s-min=6.3km az=93.0, PRXIMO
PROFUNDIDAD POBRE

CSEM 26 06:30:04.3-0.2, 34.52N-9.62W, h35km, ML2.9/7, Error
ellipse: s-maj=5.7km s-min=2.9km az=98.0
CNMR 26 06:30:04.0, 34.62N-9.71W, h30km, MD3.1
NEIC 26 06:30:06.1, 34.80N-9.75W, h20km, G3.9(MDD), After
MDD.

INMG 26 06:30:07.0-0.8, 34.87N-9.64W, h5km, ML2.6, Error
ellipse: s-maj=4.7km s-min=3.0km az=61.0
ISC 26 06:30:01.3-0.8, 34.79N-0.03-9.50W-0.06, h10km, n73,
r181/124, 1C, West of Gibraltar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AVE, AVE, PTEO, PTEO, etc.

CSEM 26 06:44:48.8, 37.58N-43.74E, h27km, MD3.9, After ISK
ISK 26 06:44:48.8, 37.58N-43.74E, h27km, MD3.9, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HKR, HKR, VAN, VAN, etc.

NEIC 26 06:52:53.2, 61.45N-151.51W, h72km, mb3.9/5, After
AEIC.

ISC 26 06:52:55.3, 61.71N-151.38W, h99km, mb3.7/8,
mb1.3/9/11, mb1mx3.7/20, mbmp4.0/11, Error ellipse:
s-maj=25.3km s-min=14.5km az=44.0
ISC 26 06:52:51.1, 0.2, 61.48N-0.02-151.51W-0.05, h87km, 3km,
n93, e091/104, mb4.0/13, 1D, Southern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STLK, STLK, VAN, VAN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EBAD, EBAD, TZK, TZK, etc.

CSEM 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region
ISC 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HKR, HKR, VAN, VAN, etc.

CSEM 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region
ISC 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HKR, HKR, VAN, VAN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BRKL, BRKL, HOM, HOM, etc.

ISC 26 07:03:42.4, 1.9, 19.96N-109.52W, mb3.5/5, mb1.3/8/8,
mb1mx3.7/16, mbmp3.4/8, ML3.2/2, Error ellipse:
s-maj=60.3km s-min=26.8km az=65.0
NEIC 26 07:03:43.6, 1.4, 19.92N-109.49W, h10km, mb4.2/2, Error
ellipse: s-maj=28.3km s-min=17.2km az=66.0
ISC 26 07:03:45.9, 1.3, 20.0N-0.1x109.44W-0.2, h33km, n117,
r105/17, mb3.5/5, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TUC, TUC, etc.

CSEM 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region
ISC 26 07:05:00.4, 37.73N-44.04E, h23km, MD3.7, Turkey-Iran
border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HKR, HKR, VAN, VAN, etc.

VRT Varto 2.42 306 ePN Pn 07 05 40.2 +0.8
ERZM Erzurum 3.01 317 iP Pn 07 05 59.5 +1.2

WEL 26 07:11:25.3:0.8,35.345:178.98E,h214km,16km,ML3.9/7,
Error ellipse: s-maj=18.8km s-min=14.3km az=90.0, Off
east coast of North Island

Code Station Name A° AZ° Phase ID Time Res
MXZ Matakoa Point 2.28 194 Op ISC h m s ISC
MXZ Matakoa Point 2.28 194 Op ISC h m s ISC
PUZ Puketiti 2.79 192 PN S 07 12 10.0 -0.3

IGQ 26 07:13:46.3,0.925:81.54W,h16km,7km,mb4.0,5C-2D,
Error ellipse: s-maj=10.5km s-min=9.0km az=94.4, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.00 97 Op ISC h m s ISC
IGUA Iguata 2.93 101 P Pn 07 14 35.7 +2.1
JUJZ San Juan 2 3.02 77 iP Pn 07 15 09.8 -0.9

NEIC 26 07:14:11.8,31.36S:68.40W,h150km,MD3.7(GUC),After
GUC

GUC 26 07:14:11.8:0.7,31.36S:68.40W,h150km,MD3.7,ML3.8,
11C-8D, San Juan Province

Code Station Name A° AZ° Phase ID Time Res
ZON Zonda 0.30 232 iP Pn 07 14 28.0 -4.8
ZON Zonda 0.30 232 iP Pn 07 14 40.0 -8.9
MDZ Mendoza 1.57 194 eS Pn 07 14 40.3 -2.1

IGQ 26 08:21:44.0,1.31S:81.68W,h16km,gkm,mb4.4,1C-2D,
Error ellipse: s-maj=13.4km s-min=10.1km az=34.2, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.16 77 Op ISC h m s ISC
IGUA Iguata 3.05 93 P Pn 08 22 30.4 +1.4
ARRY Arrayan 3.23 94 P Pn 08 22 35.6 +0.4

IGQ 26 07:27:01.6,1.43S:81.48W,h16km,gkm,mb4.0,3C,Error
ellipse: s-maj=14.6km s-min=8.6km az=34.2, Off coast
of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.00 68 P Pn 07 27 18.1 -2.0
IGUA Iguata 2.84 91 P Pn 07 27 48.3 +1.1
ARRY Arrayan 3.02 92 P Pn 07 27 50.3 +0.4

ICD 26 07:32:18.4,1.2,8.74N:93.59E,h2km,gkm,mb3.5/5,
mb1.3/6,mb1mx3.7/8,mbtrp3.7/8,ML3.6/1,Error
ellipse: s-maj=50.7km s-min=30.5km az=89.0

ISC 26 07:32:14.8:2.5,8.4N:0.3,93.8E:0.2,h3km,n13,
c0659/11,mb3.9/7,Nicobar Islands region

Code Station Name A° AZ° Phase ID Time Res
CMAR Chiang Mai Arr 11.24 26 Pn 07 34 56.9 +0.6
JIRN Jirani 20.49 341 eP P 07 36 52.3 -0.3
PKI Pulchoki 20.68 339 eP P 07 36 55.9 +1.3

SOMM Songoing Array 40.79 13 P P 07 39 53.8 -0.7
ZAL Zalesovo 46.03 353 P P 07 40 36.2 -0.8
ZAL Zalesovo 46.03 353 P P 07 40 46.0 -0.9

WAR 26 07:52:32.4,0.50,26N:18.89E,h0km,ML2.5,Minig
Induced

PRU 26 07:52:33.7,0.50,26N:18.79E
NEIC 26 07:52:33.2,1.4,50,34N:18.81E,h5km,MG2.5(WAR),
Error ellipse: s-maj=17.7km s-min=8.4km az=179.0

ISC 26 07:52:31.6:0.6,50.30N:0.04:18.82E:0.04,n12,c1f12/19,
Poland

Code Station Name A° AZ° Phase ID Time Res
OJC Ojcow 0.63 97 eP Pn 07 52 44.0 -0.2
OJC Ojcow 0.63 97 eP Pn 07 52 50.0 +0.4
OKC Ostrava-Krasne 0.63 224 eP Pn 07 52 45.1 +0.9

ICD 26 08:20:35.8:2.0,3.75N:93.42E,mb3.9/5,mb1.4/1,6,
mb1mx3.9/18,mbtrp3.6/7,ML4.5/1,MS2.8/1,MS1.3/0.1,
ms1mx2.5/18,Error ellipse: s-maj=74.2km
s-min=22.7km az=60.0, Off west coast of northern
Sumatera

Code Station Name A° AZ° Phase ID Time Res
CMAR Chiang Mai Arr 15.58 20 Pn 08 24 15.8 -2.8
CMAR Chiang Mai Arr 15.58 20 Pn 08 24 15.8 -2.8
SOMM Songoing Array 45.32 12 P P 08 28 56.5 -0.8

IGQ 26 08:21:44.0,1.31S:81.68W,h16km,gkm,mb4.4,1C-2D,
Error ellipse: s-maj=13.4km s-min=10.1km az=34.2, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.16 77 Op ISC h m s ISC
IGUA Iguata 3.05 93 P Pn 08 22 30.4 +1.4
ARRY Arrayan 3.23 94 P Pn 08 22 35.6 +0.4

IGQ 26 08:33:26.9,1.52S:81.82W,h12km,gkm,mb4.3,1C-1D,
Error ellipse: s-maj=10.5km s-min=8.8km az=39.8, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.36 70 iP Pn 08 33 50.5 -1.3
IGUA Iguata 3.18 93 P Pn 08 34 18.0 +0.2
JUIV Juive 3.38 88 S Sn 08 34 21.8 +1.5

MOS 26 08:34:02.8:0.8,4.65N:93.24E,h3km,mb4.8/22,Error
ellipse: s-maj=18.5km s-min=10.3km az=97.7

BUI 26 08:34:02.0,4.18N:93.21E,h49km,mb5.1,mb4.6,Ms4.7,
Ms4.4

ICD 26 08:34:04.0:0.6,4.70N:93.26E,h27km,3km,mb4.0/12,
mb1.4/13,mb1mx4.0/19,mbtrp4.1/13,ML4.1/1,MS3.8/4,
Ms1.3/4,ms1mx3.4/7,Error ellipse: s-maj=26.9km
s-min=13.4km az=48.0

NEIC 26 08:34:04.0:1.0,4.64N:93.28E,mb4.8/13,Error ellipse:
s-maj=9.7km s-min=8.9km az=51.0

ISC 26 08:40:02.0:0.5,4.61N:0.06:93.23E:0.05,h27km,
h27km,1.2km,pP,n94,+1500/91,mb4.7/38,MS4.1/5,
1C-4D, Off west coast of northern Sumatera

Code Station Name A° AZ° Phase ID Time Res
SOMM Songoing Array 40.79 13 P P 07 39 53.8 -0.7
ZAL Zalesovo 46.03 353 P P 07 40 36.2 -0.8
ZAL Zalesovo 46.03 353 P P 07 40 46.0 -0.9

CHG Chiang Mai 15.18 21 iP P 08 37 35.9 -0.7
NANT Nan 15.88 27 P P 08 37 47.5 +1.9
VIS Vishakhapatnam 16.24 324 eP P 08 37 48.1 -2.1

WAR 26 07:52:32.4,0.50,26N:18.89E,h0km,ML2.5,Minig
Induced

PRU 26 07:52:33.7,0.50,26N:18.79E
NEIC 26 07:52:33.2,1.4,50,34N:18.81E,h5km,MG2.5(WAR),
Error ellipse: s-maj=17.7km s-min=8.4km az=179.0

ISC 26 07:52:31.6:0.6,50.30N:0.04:18.82E:0.04,n12,c1f12/19,
Poland

Code Station Name A° AZ° Phase ID Time Res
OJC Ojcow 0.63 97 eP Pn 07 52 44.0 -0.2
OJC Ojcow 0.63 97 eP Pn 07 52 50.0 +0.4
OKC Ostrava-Krasne 0.63 224 eP Pn 07 52 45.1 +0.9

ICD 26 08:20:35.8:2.0,3.75N:93.42E,mb3.9/5,mb1.4/1,6,
mb1mx3.9/18,mbtrp3.6/7,ML4.5/1,MS2.8/1,MS1.3/0.1,
ms1mx2.5/18,Error ellipse: s-maj=74.2km
s-min=22.7km az=60.0, Off west coast of northern
Sumatera

Code Station Name A° AZ° Phase ID Time Res
CMAR Chiang Mai Arr 15.58 20 Pn 08 24 15.8 -2.8
CMAR Chiang Mai Arr 15.58 20 Pn 08 24 15.8 -2.8
SOMM Songoing Array 45.32 12 P P 08 28 56.5 -0.8

IGQ 26 08:21:44.0,1.31S:81.68W,h16km,gkm,mb4.4,1C-2D,
Error ellipse: s-maj=13.4km s-min=10.1km az=34.2, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.16 77 Op ISC h m s ISC
IGUA Iguata 3.05 93 P Pn 08 22 30.4 +1.4
ARRY Arrayan 3.23 94 P Pn 08 22 35.6 +0.4

IGQ 26 08:33:26.9,1.52S:81.82W,h12km,gkm,mb4.3,1C-1D,
Error ellipse: s-maj=10.5km s-min=8.8km az=39.8, Off
coast of Ecuador

Code Station Name A° AZ° Phase ID Time Res
HOJA Cerro de Hojas 1.36 70 iP Pn 08 33 50.5 -1.3
IGUA Iguata 3.18 93 P Pn 08 34 18.0 +0.2
JUIV Juive 3.38 88 S Sn 08 34 21.8 +1.5

MOS 26 08:34:02.8:0.8,4.65N:93.24E,h3km,mb4.8/22,Error
ellipse: s-maj=18.5km s-min=10.3km az=97.7

BUI 26 08:34:02.0,4.18N:93.21E,h49km,mb5.1,mb4.6,Ms4.7,
Ms4.4

ICD 26 08:34:04.0:0.6,4.70N:93.26E,h27km,3km,mb4.0/12,
mb1.4/13,mb1mx4.0/19,mbtrp4.1/13,ML4.1/1,MS3.8/4,
Ms1.3/4,ms1mx3.4/7,Error ellipse: s-maj=26.9km
s-min=13.4km az=48.0

NEIC 26 08:34:04.0:1.0,4.64N:93.28E,mb4.8/13,Error ellipse:
s-maj=9.7km s-min=8.9km az=51.0

ISC 26 08:40:02.0:0.5,4.61N:0.06:93.23E:0.05,h27km,
h27km,1.2km,pP,n94,+1500/91,mb4.7/38,MS4.1/5,
1C-4D, Off west coast of northern Sumatera

Code Station Name A° AZ° Phase ID Time Res
SOMM Songoing Array 40.79 13 P P 07 39 53.8 -0.7
ZAL Zalesovo 46.03 353 P P 07 40 36.2 -0.8
ZAL Zalesovo 46.03 353 P P 07 40 46.0 -0.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KMBO Kilima Mbogo, CTA Charters Tower, STKA Stephens Creek, etc.

NEIC 26 08:44:27.7, 15.80N-61.47W, h30km, MD3.7(TRN), After TRN. TRN 26 08:44:29.1, 15.88N-61.61W, h3km, MD3.6, M3.0(FDF), MD2.9(FDF), 7C-7D, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DOG Dongo Capester, BCG Bois Riant Cap, MGG Marie-Galante, etc.

CSEM 26 08:46:55.7, 1.0, 37.86N-43.78E, h15km, MD3.5, Error ellipse: s-maj=35.6km s-min=7.7km az=82.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HKR Hakkari, TVAN Van, VNBH Bath Hotel, etc.

Table with columns: ELZG Elazig, 3.90 283, P, Pn, 08 48 05.6 +1.1, 08 48 56.8 +1.7. Includes NEIC 26 09:03:50.7, 38.09S-176.08E, h170km, After WEL. North Island stations like UTU Utuhina, LIRZ Lichensteins R, etc.

IGQ 26 09:07:01.3, 1.17S-81.41W, h12km, 7km, mb4.6, 5C-2D, Error ellipse: s-maj=8.2km s-min=5.0km az=165.7, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HAGO Cerro de Hojas, MAJD Magdalena, IGUA Iguatata, etc.

Table with columns: CAYR Refugio Cayamb, 3.60 71, P, Pn, 09 08 01.2 +3.0. Includes IDC 26 09:22:24.3, 9.0, 14.52S-173.92W, mb3.4/3, mb1 3.7/3, etc.

IDC 26 09:31:49.7, 3.5, 31.36N-72.02E, mb3.5/5, mb1 3.8/5, mb1mx3.5/14, mbtmp3.5/5, Error ellipse: s-maj=143.8km s-min=28.0km az=73.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Ellison Array, etc.

CSEM 26 09:43:06.4, 0.3, 59.96N-4.50E, h2km, ML2.1, Error ellipse: s-maj=2.6km s-min=2.3km az=60.0

NAO 26 09:43:08.1, 6.5, 59.73N-4.92E, h2km, 35km, ML2.9, BER 26 09:43:01.6, 3.1, 60.00N-4.75E, MD2.0, ML2.1, ML2.9(NAO), 2C, Explosion, Southern Norway

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like EGD Espesgrend, BER Bergen, BNL Baring Head, etc.

NEIC 26 09:47:05.9,38.51S:175.93E,h176km,After WEL. WEL 26 09:47:05.4,0.3,38.49S:175.91E,h180km,2km,ML3.8/13, 7D, Error ellipse: s-maj=2.2km s-min=1.6km az=90.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like UTU, KATZ, MGZ, etc.

NAO 26 09:56:16.7,3.6,60.05N:4.82E,ML3.3 CSEM 26 09:56:16.1,0.5,60.14N:4.95E,h12km,ML2.0, Error ellipse: s-maj=10.4km s-min=2.8km az=48.0,

BER 26 09:56:16.0,4.7,60.05N:4.75E,MD1.9,ML2.0, ML3.3(NAO),1C,Explosion,Southern Norway

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like EGD, BER, RUND, etc.

Table with columns: HFS, HFS, HFS, HFS, HFS, HFS. Lists stations like baz=257,slow=12, baz=274,slow=14, etc.

OTT 26 10:28:5.0,2.7,78.12N:103.86W,h186km,ML3.5/9, Sverdrup Seismic Zone, Nu 75km south from Isachsen, Nu,Queen Elizabeth Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like EUNU, RES, IGL, etc.

IDC 26 10:39:2.1,4,2.29S:139.10E,mb3.8/3,mb1 4.0/4, mb1mx3.8/12,mbtmp3.8/4,ML3.6/1,MS3.1/1,Ms1 3.3/1, ms1mx2.8/13, Error ellipse: s-maj=78.2km s-min=26.3km az=98.0, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like WRA, ASAR, CMAR, etc.

IDC 26 10:16:59.2,1.7,7.74N:94.05E,mb3.7/5,mb1 3.8/6, mb1mx3.7/19,mbtmp3.7/6,ML4.1/1,MS3.0/1,Ms1 3.2/1, ms1mx3.0/18, Error ellipse: s-maj=60.6km s-min=23.6km az=64.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like CMAR, SHL, SON, etc.

IGQ 26 10:39:23.7,1.635S:81.46W,h16km,gkm,mb4.1,1C-1D, Error ellipse: s-maj=14.8km s-min=11.2km az=30.6,Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like HGU, IGUA, ARRY, etc.

Table with columns: VC1, YANA, ANTI, COTA, CAYR, CAYA. Lists stations like Cotopaxi 1, Yana, Antisana, etc.

IGQ 26 10:50:10.7,1.18S:81.19W,h16km,gkm,mb4.2,2D, Error ellipse: s-maj=11.4km s-min=6.5km az=139.6,Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like HOJA, MAGJ, IGUA, etc.

NIED 26 10:52:00,45.90N:151.80E,h32km,Mw4.1 Best double couple: M1:1.47x10^15 NP1:phi=43°,delta=65°,lambda=45°. NP2:phi=290°, delta=0°,lambda=6°

SKHL 26 10:52:51.1,0.6,45.74N:152.15E,h55km,24km,mb4.8/4 MOS 26 10:52:52.1,2.45,90N:151.95E,h52km,mb4.6/14, Error ellipse: s-maj=1.1km s-min=0.8km az=73.1

BUI 26 10:52:55.7,46.02N:151.97E,h89km,mb4.7,mb4.4, Ms4.2,Ms4.0

IDC 26 10:52:55.8,3.5,45.95N:151.83E,h68km,31km,mb4.0/20, mb1 4.2/22,mb1mx4.2/26,mbtmp4.3/22,ML3.8/2,MS3.5/3, Ms1 3.5/3,ms1mx2.9/25, Error ellipse: s-maj=20.7km s-min=13.0km az=165.0

NEIC 26 10:52:57.6,1.4,45.96N:151.88E,h85km,10km,mb4.3/14, Error ellipse: s-maj=14.2km s-min=6.6km az=160.0

ISC 26 10:52:51.1,0.9,45.90N:151.93E,0.06,h40km,7km, n103,phi=104/104,mb4.5/41,MS3.7/2,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like KUR, YUK, SKR, etc.

PET 26 10:39:2.1,4,2.29S:139.10E,mb3.8/3,mb1 4.0/4, mb1mx3.8/12,mbtmp3.8/4,ML3.6/1,MS3.1/1,Ms1 3.3/1, ms1mx2.8/13, Error ellipse: s-maj=78.2km s-min=26.3km az=98.0, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like WRA, ASAR, CMAR, etc.

IDC 26 10:16:59.2,1.7,7.74N:94.05E,mb3.7/5,mb1 3.8/6, mb1mx3.7/19,mbtmp3.7/6,ML4.1/1,MS3.0/1,Ms1 3.2/1, ms1mx3.0/18, Error ellipse: s-maj=60.6km s-min=23.6km az=64.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like CMAR, SHL, SON, etc.

IGQ 26 10:39:23.7,1.635S:81.46W,h16km,gkm,mb4.1,1C-1D, Error ellipse: s-maj=14.8km s-min=11.2km az=30.6,Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like HGU, IGUA, ARRY, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Beijing, Baijiatuu, Ulaanbaatar, Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Bornholm Skovb, Dobruska-Polom, Panska Ves, etc.

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

CSEM 26 11:01:38.4,0.6,54.83N,19.41E,h2km,ML2.9,Error ellipse: s-maj=23.9km s-min=9.3km az=133.0

THR 26 11:16:11.0,1.1,37.64N,42.99E,h18km,18km,ML3.4

NEIC 26 11:39:51.2,3.65S,178.47E,h227km,After WEL

26d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, BRTR Keskin Array B, FINES FINESS Array B, etc.

TEH 26 12:05:05.2, 32.27N-49.65E, h17km, Mn3.8
CSEM 26 12:05:06.4, 0.3, 32.37N-49.75E, h14km, ML3.8, Error ellipse: s-maj=6.2km s-min=5.6km az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHGO Shushtar, IBRJ Borjen, NASN Na'in, etc.

CSEM 26 12:22:29.8, 37.59N-44.08E, h29km, MD4.0, After ISK
ISK 26 12:22:29.8, 37.59N-44.08E, h29km, MD4.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HKR Hakkari, VAN Van, TVAN Van, etc.

IGQ 26 12:26:49.1, 1.54S-81.78W, h16km, 7km, mb4.2, 1C, Error ellipse: s-maj=14.0km s-min=10.6km az=73.7, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguatala, ARRY Arrayan, etc.

ISC 26 12:28:31.3, 1.4, 7.04N-76.76W, mb3.2/2, mb1 3.7/3, mb1mx3.4/17, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=43.5km s-min=20.8km az=169.0, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, SDV Tamba, COTA Cotacachi, etc.

ISC 26 12:35:09.9, 3.4, 7.61N-94.38E, mb3.5/2, mb1 3.8/3, mb1mx3.5/17, mbtmp3.5/17, ML3.6/1, Error ellipse: s-maj=107.5km s-min=31.2km az=78.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array.

2005 JAN

Table with columns: WRA Warrungarra Arr, WRA Keskin Array B, IDC 26 12:45:17.3, etc.

ISC 26 12:45:24.3, 2.0, 8.0N-0.1, 94.25E-0.07, h58km, 16km, n50, c122/45, mb4.5/22, MS4.1/4, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PALK Keskin Array B, etc.

ISC 26 13:05:07.0, 1.0, 7.81N-94.09E, mb3.9/12, mb1 4.1/13, Error ellipse: s-maj=10.7km s-min=7.7km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

ISC 26 13:16:43.7, 3.0, 18.7S-0.2, 168.8E-0.2, h219km, 26km, n8, c126/10, mb3.6/5, Vanuatu Islands region

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

ISC 26 13:26:22.4, 1.4, 7.66N-93.79E, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=50.1km s-min=27.3km az=60.0

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

ISC 26 13:32:23.8, 3.1, 7.64N-93.97E, mb3.9/3, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=96.7km s-min=30.0km az=69.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ISC 26 13:50:13.9, 1.20S-81.16W, h16km, 2km, mb4.2, 1C, Error ellipse: s-maj=7.2km s-min=3.3km az=49.9, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguatala, NASH Nasa, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ISC 26 13:16:43.7, 3.0, 18.7S-0.2, 168.8E-0.2, h219km, 26km, n8, c126/10, mb3.6/5, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, NOUC Port Laguerre, UREW Urewera, etc.

ISC 26 13:26:22.4, 1.4, 7.66N-93.79E, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=50.1km s-min=27.3km az=60.0

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

ISC 26 13:26:22.4, 1.4, 7.66N-93.79E, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=50.1km s-min=27.3km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, MWZ Matawai, etc.

ISC 26 13:26:22.4, 1.4, 7.66N-93.79E, mb3.8/6, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=50.1km s-min=27.3km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ISC 26 13:32:23.8, 3.1, 7.64N-93.97E, mb3.9/3, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=96.7km s-min=30.0km az=69.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ISC 26 13:50:13.9, 1.20S-81.16W, h16km, 2km, mb4.2, 1C, Error ellipse: s-maj=7.2km s-min=3.3km az=49.9, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, IGUA Iguatala, NASH Nasa, etc.

Table with columns: MAJO, Matsuhiro, 48.83, 48 eP, P, 15 55 38.1 +0.9, etc.

IDC 26 15:54:39.5-4.3, 35.00N-139.87E, mb3.5/3, mb1 3.8/3, m-1mx3.4/19, mbmp3.5/3, Error ellipse: s-maj=369.8km

JMA 26 15:54:42.0-4.3, 34.57N-141.95E, h33km, 4km, M3.2

ISC 26 15:54:42.2-3.4, 34.83N, 0.09, 141.9E, 0.1, h23km, 1.6km, n11, c071/13, mb3.6/3, Off east coast of Honshu

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

IGQ 26 15:57:03.6, 2.44S, 81.13W, h16km, 1.1km, mb4.1, 2D, Error ellipse: s-maj=20.0km s-min=7.2km az=178.2,

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

NAO 26 16:00:42.4-2.5, 67.63N-33.96E, ML2.5 HEL 26 16:00:43.5-0.4, 67.67N-33.87E, ML2.2, ML2.0(BER), ML2.5(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

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

IDC 26 16:01:55.2-2.3, 72.9N-95.76E, mb3.7/5, mb1 3.8/6, mb1mx3.7/18, mbmp3.7/6, Error ellipse: s-maj=91.0km s-min=22.5km az=60.0

NEIC 26 16:01:58.8-1.0, 72.68N-95.60E, h30km, mb4.1/2, Error ellipse: s-maj=31.8km s-min=15.7km az=61.0

ISC 26 16:01:58.7-1.1, 2.9N, 0.2-0.96E, 0.2, h30km, n14, c097/14, mb4.0/11, Northern Sumatara

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

Table with columns: KKN, Kakani, 26.84, 339 eP, P, 16 07 39.4 +0.7, etc.

NEIC 26 16:07:20.9-0.7, 6.94S, 129.28E, h30km, mb4.2/3, Error ellipse: s-maj=19.0km s-min=10.1km az=67.0

IDC 16:07:23.8-10.0, 6.73S, 129.30E, h71km, 109km, mb3.6/5, Mb1 3.0/1, ms1mx2.5/14, mbmp4.1/7, ML4.0/2, MS3.2/1, Ms1 3.6/1, ms1mx2.5/16, Error ellipse: s-maj=61.9km s-min=33.9km az=34.0

ISC 26 16:07:20.9-2.2, 7.08S, 0.07-129.6E, 0.1, h61km, 22km, n16, c129/21, mb3.9/5, 1D, Banda Sea

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

IDC 26 16:09:14.7-1.0, 37.57N-21.85E, mb3.6/13, mb1 3.8/19, mb1mx3.8/25, mbmp3.7/19, ML3.6/6, MS3.2/1, Ms1 3.2/1, ms1mx4.2/22, Error ellipse: s-maj=21.8km s-min=15.7km az=29.0

ATH 26 16:09:16.8, 37.63N-22.02E, h18km, 2km, MD3.7/13, ML3.8

CSEM 26 16:09:17.3-0.1, 37.58N-21.89E, h30km, ML3.8, Error ellipse: s-maj=2.1km s-min=1.7km az=161.0

NEIC 26 16:09:17.1, 37.62N-22.03E, h11km, mb3.8/1, mb1mx3.8/25, mbmp3.7/19, ML3.6/6, MS3.2/1, Ms1 3.2/1, ms1mx4.2/22, Error ellipse: s-maj=21.8km s-min=15.7km az=29.0

HLW 26 16:09:18.1, 37.03N-20.56E, h20km, Mb3.7

ISC 26 16:09:17.2-0.6, 37.55N, 0.03-21.90E, 0.04, h29km, 5km, n67, c109/73, mb3.6/12, 3D, Southern Greece

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

SLUM MLR Muntele Rosu 6.63 155 Pn 16 11 20.5 -0.9

MLR comp=Z, 156nm, 20.4s, baz=186, slow=38

SWA1 SWA2 SWA3 SWA11 Keskin Array B 9.44 73 Pn 16 11 24.0 -1.6

GERES GERES Array B 12.76 335 Pn 16 12 19.5 0.0

EIL Elat 13.41 122 Pn 16 12 23.9 -4.2

CLL Collin 15.13 338 E 16 13 07.0 0.0

ESDC Soneca Array 20.30 284 P 16 13 53.4 0.0

HFS Hagfors 23.20 50 P 16 14 21.6 -0.7

Table with columns: NB2, NORSAR Subarra 24.46 347 P 16 14 35.7 +1.2, etc.

IDC 26 16:12:58.8-1.4, 37.59N-21.99E, mb3.8/8, mb1 3.8/11, mb1mx3.7/22, mbmp3.7/11, ML3.0/2, Error ellipse: s-maj=42.5km s-min=20.0km az=46.0

ATH 26 16:13:00.3, 37.63N-22.05E, h13km, 5km, ML3.5

CSEM 26 16:13:00.5-0.1, 37.64N-22.04E, h10km, ML3.5, Error ellipse: s-maj=2.3km s-min=2.0km az=84.0

NEIC 26 16:13:00.3, 37.63N-22.05E, h13km, ML3.5(ATH), After ATH

ISC 26 16:12:59.5-1.1, 37.63N, 0.03-22.03E, 0.05, h6km, 8km, n42, c19/43, mb3.7/8, 1D, Southern Greece

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

IDC 26 16:13:13.1-1.1, 37.60N-21.76E, mb3.8/7, mb1 3.9/9, mb1mx3.7/21, mbmp3.8/9, ML3.2/2, Error ellipse: s-maj=42.5km s-min=20.0km az=46.0, Southern Greece

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

BUI 26 16:19:52.4, 8.00N-94.20E, h30km

NEIC 26 16:19:52.5-0.4, 7.96N-94.24E, h30km, mb4.3/4, Error ellipse: s-maj=13.4km s-min=9.1km az=79.0

IDC 26 16:19:55.4-9.8, 0.3N-94.35E, h53km, 45km, mb3.8/12, mb1 3.9/13, mb1mx3.8/22, mbmp4.1/13, ML3.8/1, MS3.6/1, Ms1 3.6/1, ms1mx2.6/28, Error ellipse: s-maj=29.2km s-min=14.9km az=58.0

ISC 26 16:19:51.2-0.5, 7.95N, 0.07-94.3E, 0.1, h33km, n29, c067/27, mb4.2/22, MS3.6/1, Nicotragia region

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

CM31 Chiang Mai Arr 11.33 23 Pn 16 22 33.8 -0.1

JMAR Chiang Mai Arr 11.33 23 Pn 16 22 33.8 -0.1

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like RRL Cesana Torines, SURF Saint Urs, MBDF Montbardon, etc.

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ESDC Sonsea Array, ESDC Sonsea Array, ESLS Sonsea Array, etc.

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like DAC Mineville, MIV Mineville, MVU Marysvale, etc.

Code Station Name Az Az' Phase ID Op ISC h m s ISC
DCR Chiang Mai Arr 11.73 24 Pn P 17 39 24.3 -0.8
MDR Keskin Array B 62.37 31 P P 17 40 12.0 +1.1

DCR 26:17:36.37z-1.1, 7.60N-93.75E, mb4.0/8, mb1 4.2/9, mb1mx4.0/19, mbtmp4.0/9, ML4.1/1, Error ellipse: s-maj=42.6km s-min=24.1km az=53.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like Tokmak 2, Karagaybulak, Uchtor, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MCK McKinley, MCK, KIV Kislovodsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HVU Hansel Valley, QMUT Earthquake Lak, SPUT South Promonto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARE Arequipa, TRQA Tornquist, PLCA Paso Flores, etc.

IDC 26 19:40:04.70.6, 8.00N-94.25E, mb4, 1/12, mb1 4.2/13, mb1mx3.8/17, Error ellipse: s-maj=27.9km s-min=15.6km az=57.0

BUI 26 19:40:10.5, 8.00N-94.30E, h41km, mb4, 4, Ms4.6, Msz4.3 NEIC 26 19:40:10.6, 1.9, 7.99N-94.31E, h42km, 17km, mb4, 4/6, Error ellipse: s-maj=13.9km s-min=10.4km az=53.0

ISC 26 19:40:08.6-2.0, 7.96N-94.25E-0.07, h43km, 17km, n43, c19 15/40, mb4, 3/21, MS4.1/6, Nicobar Islands region

Main table of station data for the first section, including stations like SNG Songkhla, NNT Nongplab, CM31 Chiang Mai Arr, etc.

IDC 26 19:40:23.3-1.5, 5.20S-152.82E, mb3.7/6, mb1 3.9/7, mb1mx3.8/14, mbtmp3.7/7, ML2.3/1, Error ellipse: s-maj=59.7km s-min=22.4km az=129.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, ILAR Ellison Array, etc.

LDG 26 19:44:06.4-0.0, 42.60N-0.83E, h5km, Md2.7/2, Ml2.5/7, Error ellipse: s-maj=0.9km s-min=0.7km az=35.0 CSEM 26 19:44:06.7-0.1, 42.62N-0.82E, h10km, ML2.6/7, Error ellipse: s-maj=0.9km s-min=0.8km az=172.0 NEIC 26 19:44:06.5, 42.62N-0.84E, h5km, ML2.6(STR), ML2.5(LDG), Ml2.1(MDD), After STR MDD 26 19:44:06.7-0.2, 42.61N-0.83E, h10km, mbLg2.0/21, Error ellipse: s-maj=1.9km s-min=1.4km az=32.0, PRXIMO, Pyrenees

Main table of station data for the second section, including stations like MELF Melles, CORG Organya, EMIR Miracle, etc.

BUI 26 19:48:05.3, 6.30S-147.30E, h71km, mb5.2, mb4.4 NEIC 26 19:48:05.4-2.1, 6.34S-147.28E, h72km, 19km, mb4, 2/6, Error ellipse: s-maj=18.0km s-min=15.0km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTAA Charters Tower, KAKA Kakadu, etc.

IDC 26 19:50:05.5-1.7, 7.65N-93.90E, mb3.7/5, mb1 3.9/6, mb1mx3.7/8, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=55.7km s-min=29.0km az=61.0

ISC 26 19:50:09.2-1.4, 7.8N-0.2, 94.1E-0.2, h33km, n7, c09 33/7, mb3.6/5, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 26 20:00:21.6-2.9, 7.76N-94.08E, mb3.7/3, mb1 3.9/4, mb1mx3.6/18, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=89.4km s-min=28.8km az=68.0

ISC 26 20:00:25.1-1.4, 7.8N-0.2, 94.2E-0.2, h33km, n10, c07 12/10, mb4.1/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Puchoki, etc.

NEIC 26 20:06:05.7, 35.70N-4.79W, h68km, MG3.6(MDD), After MDD INMG 26 20:06:05.5-0.8, 35.78N-4.83W, h68km, 4km, ML2.4, Error ellipse: s-maj=4.4km s-min=2.7km az=166.0

CSEM 26 20:06:07.0-2.3, 36.02N-4.84W, h74km, 3km, mb3.6/10, Error ellipse: s-maj=7.3km s-min=3.3km az=175.0 MDD 26 20:06:05.5-1.4, 35.69N-4.76W, h63km, 17km, mb3.4/10, 2C-2D, Error ellipse: s-maj=14.5km s-min=6.8km az=180.0, PRXIMO, Strait of Gibraltar

Main table of station data for the third section, including stations like EMIJ Mijas, ELOJ Espera, ELOJ Sierra Loja, etc.

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

IDC 26:20:13:41.1, 3.0, 7.76N-94.00E, mb3.5/3, mb1 3.7/4, mb1mx3.6/18, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=93.6km s-min=30.3km az=68.0

ISC 26:20:13:44.7-1.4, 7.8N-94.1E, 0.2, h33km, n10, c#070/10, mb3.9/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26:20:31:06.5-2.9, 7.79N-94.08E, mb3.6/3, mb1 3.8/4, mb1mx3.6/18, mbtmp3.6/4, ML3.5/1, MS3.0/1, MS1 3.2/1, ms1mx2.4/22, Error ellipse: s-maj=92.1km s-min=27.9km az=68.0

ISC 26:20:31:10.0-1.4, 7.9N-0.2-94.2E-0.2, h33km, n10, c#61/10, mb4.1/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like GKN Gorkha, KOLN Koldanda, SONM Songino Array, etc.

IDC 26:20:36:00.9-0.9, 7.91N-94.05E, mb3.8/9, mb1 3.9/10, mb1mx3.9/19, mbtmp3.8/10, ML3.6/1, Error ellipse: s-maj=30.8km s-min=19.7km az=53.0

BUI 26:20:36:05.2, 7.90N-94.00E, h30km, mb4.2 NEIC 26:20:36:05.3-0.8, 7.90N-94.03E, h30km, mb4.4/3, Error ellipse: s-maj=22.5km s-min=16.5km az=71.0

ISC 26:20:36:04.3-4.9, 8.0N-94.1E, 0.2, h33km, n22, c#107/22, mb4.1/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26:20:39:15.8-0.6, 7.78N-93.88E, mb4.5/18, mb1 4.6/19, mb1mx4.6/23, mbtmp4.5/19, ML4.0/1, Error ellipse: s-maj=30.0km s-min=14.6km az=54.0

MOS 26:20:39:19.9-1.1, 7.97N-94.13E, h33km, mb4.9/30, Error ellipse: s-maj=12.8km s-min=6.9km az=111.0

BUI 26:20:39:22.4, 7.79N-93.77E, h70km, mb4.9, Mb4.7, Ms2.1 NEIC 26:20:39:23.6-1.1, 7.97N-94.10E, h49km, mb4.7/21, Error ellipse: s-maj=8.9km s-min=8.4km az=212.0

ISC 26:20:39:18.0-4.7, 9.2N-0.06-94.1E, 0.06, h33km, n126, c#1501/125, mb4.7/48, MS4.2/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26:20:39:18.0-4.7, 9.2N-0.06-94.1E, 0.06, h33km, n126, c#1501/125, mb4.7/48, MS4.2/3, Nicobar Islands region

IDC 26:20:39:18.0-4.7, 9.2N-0.06-94.1E, 0.06, h33km, n126, c#1501/125, mb4.7/48, MS4.2/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26:20:39:18.0-4.7, 9.2N-0.06-94.1E, 0.06, h33km, n126, c#1501/125, mb4.7/48, MS4.2/3, Nicobar Islands region

IDC 26:20:39:18.0-4.7, 9.2N-0.06-94.1E, 0.06, h33km, n126, c#1501/125, mb4.7/48, MS4.2/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES GRESS Array B, KHC Kasperke Hory, MAW Mawson, etc.

WEL 26 20:42:54.0, 3.39, 19.5S x 178.08E, h17km, 2km, ML3.6/5, 2C-2D, Error ellipse: s-maj=2.0km s-min=1.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNZ Kokohu, MWZ Matawai, PUZ Puketiti, etc.

IDC 26 20:48:14.3, 1.3, 7.76N-93.91E, mb4.0/9, mb1 4.1/10, mb1mx4.0/19, mbtmp3.9/10, ML3.9/1, MS1 3.8/1, ms1mx2.6/29, Error ellipse: s-maj=45.1km s-min=26.4km az=58.0

NEIC 26 20:48:19.1, 0.7, 7.77N-93.91E, h30km, mb4.1/5, Error ellipse: s-maj=17.3km s-min=13.6km az=98.0

ISC 26 20:48:17.4, 1.0, 7.8N, 1.1, 94.0E, 0.1, h30km, n18, o588/17, mb4.0/14, MS3.8/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

IGQ 26 20:50:37.4, 1.535S-81.14W, h14km, 9km, mb4.3, 7C-5D, Error ellipse: s-maj=9.4km s-min=4.9km az=90.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, JAMA Magda, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RETU Refugio, ULBA Ulba, MARY Rancho Maria, etc.

IDC 26 20:51:06.5, 1.2, 14.55N x 120.05E, mb3.8/5, mb1 4.0/5, mb1mx3.7/17, mbtmp3.8/5, Error ellipse: s-maj=78.9km s-min=19.8km az=74.0, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 26 20:53:20.7, 1.3, 6.78N-93.13E, mb3.8/6, mb1 4.0/7, mb1mx3.8/18, mbtmp3.8/7, ML3.1/1, MS4.1/5, Ms1 4.1/5, ms1mx3.4/20, Error ellipse: s-maj=49.5km s-min=21.9km

BUI 26 20:53:25.0, 6.80N, 93.10E, h30km, mb4.7, Ms4.4, Ms2.4, NEIC 26 20:53:25.1, 0.7, 6.76N-93.08E, h30km, mb4.2/3, Error ellipse: s-maj=16.3km s-min=10.4km az=72.0

ISC 26 20:53:23.4, 0.9, 6.84N, 10.1, 93.2E, 0.1, h30km, n18, o594/14, mb4.0/9, MS4.2/4, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Hyderab, etc.

IDC 26 21:02:12.8, 1.1, 7.66N-93.90E, mb3.9/7, mb1 4.1/8, mb1mx3.9/18, mbtmp3.9/8, ML3.7/1, Error ellipse: s-maj=20.0km s-min=20.0km az=49.0

ISC 26 21:02:16.4, 0.9, 7.81N, 1.0, 94.1E, 0.2, h33km, n15, o580/15, mb4.2/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26 20:54:13.1, 7.8, 6.40N-95.37E, mb4.1/8, mb1 4.2/9, mb1mx4.1/18, mbtmp4.0/9, ML3.8/1, Error ellipse: s-maj=192.5km s-min=42.7km az=139.0

ISC 26 20:54:22.7, 3.3, 7.2N, 0.4, 94.9E, 0.4, h33km, n13, o132/13, mb4.1/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, DDI Dehra Dun, SONM Songoing Array, etc.

NEIC 26 20:55:34.7, 17.16N-94.77W, h133km, MD4.1 (MEX), After MEX. MEX 26 20:55:34.7, 1.4, 17.16N-94.77W, h133km, 9km, MD4.1, 2C, Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMG Matias Romero, TUIG Tuzandepet, EVV El Vigia, etc.

Error ellipse: s-maj=17.0km s-min=8.6km az=57.0, IDC 26 21:00:15.4, 0.7, 16.90S-69.60W, h183km, 6km, mb3.9/8, mb1 4.2/9, mb1mx4.0/16, mbtmp4.4/9, Error ellipse: s-maj=22.9km s-min=11.4km az=74.0, Putative timing error at LPZK

ISC 26 21:00:13.6, 1.0, 16.8S, 0.1, 69.7W, 0.1, h178km, 10km, n27, o596/20, mb4.1/10, 1C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, ARE Arequipa, LVC Limon Verde, etc.

IDC 26 21:05:16.2, 1.45N x 120.05E, mb3.8/5, mb1 4.0/5, mb1mx3.7/17, mbtmp3.8/5, Error ellipse: s-maj=78.9km s-min=19.8km az=74.0, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 26 21:02:12.8, 1.1, 7.66N-93.90E, mb3.9/7, mb1 4.1/8, mb1mx3.9/18, mbtmp3.9/8, ML3.7/1, Error ellipse: s-maj=20.0km s-min=20.0km az=49.0

ISC 26 21:02:16.4, 0.9, 7.81N, 1.0, 94.1E, 0.2, h33km, n15, o580/15, mb4.2/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 26 21:03:14.4, 4.8, 6.35, 22N-68.65E, mpv4.7, Error ellipse: s-maj=137.0km s-min=59.3km az=141.0

BUI 26 21:03:43.4, 3.0, 38.00N-68.74E, h48km, mb5.1, mb4.0, ML4.7 IDC 26 21:03:43.0, 1.3, 37.48N-69.73E, mb3.9/9, mb1 4.0/12, mb1mx3.9/21, mbtmp3.8/12, ML3.7/2, Error ellipse: s-maj=29.1km s-min=20.0km az=13.0

MOS 26 21:03:46.7, 1.2, 37.64N-69.75E, h33km, mb4.5/1, Error ellipse: s-maj=16.8km s-min=11.0km az=94.9

NEIC 26 21:03:50.2, 1.5, 37.63N-69.73E, h49km, 15km, mb3.8/3, Error ellipse: s-maj=11.7km s-min=8.5km az=212.0

ISC 26 21:03:50.4, 1.7, 37.66N-69.73E, 0.1, h70km, 16km, n43, o119/149, mb3.7/10, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayshu, UCH Uchto, EKS2 Erkin-Say, etc.

0.3nm,0.4s,baz=214,slow=5.2,SNR=4.4
SOMM Songo Array 86.48 40 P P 21 26 37.7 -1.2
 0.4nm,0.7s,baz=233,slow=4.7,SNR=5.5
ASAR Alice Springs 93.18 115 P P 21 27 09.4 -1.6
 1.3nm,0.8s,baz=262,slow=4.8,SNR=13
WRA Warramunga Arr 94.49 111 P P 21 27 15.2 -1.9
 0.7nm,0.7s,baz=254,slow=4.9,SNR=5.8

IDC 26 21:25:31.4, 1.0, 7.73N-93.95E, mb3.9/9, mb1 4.1/10, mb1mx3.9/20, mbmp3.9/11, ML3.8/1, Error ellipse: s-maj=43.3km s-min=19.9km az=57.0
NEIC 26 21:25:36.2, 0.5, 7.83N-94.07E, h30km, mb4.3/4, Error ellipse: s-maj=15.2km s-min=9.7km az=79.0
ISC 26 21:25:34.5, 0.6, 7.88N,0.08,94.1E,1.0,1.1,h33km,n27, 0.058/25,mb4.2/19, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
CM31	Chiang Mai Arr	11.51	24	Op	ISC	21 28 20.3	+0.2
CMAR	Chiang Mai Arr	11.51	24	Pn	P	21 28 20.5	+0.4
HYB	Hyderabad	17.90	303	iP	P	21 29 30.0	-4.1
JIRN	Jiri	21.06	340	eP	P	21 30 20.9	+2.2
PKI	Pulchoki	21.26	338	eP	P	21 30 20.5	-0.1
DMN	Daman	21.41	338	eP	P	21 30 21.3	-0.8
KKN	Kakani	21.50	338	eP	P	21 30 22.9	-0.2
LSA	Lhasa	21.89	353	eP	P	21 30 27.0	0.0
GKN	Gorkha	21.94	337	eP	P	21 30 27.4	-0.1
KOLN	Koldanda	22.15	335	eP	P	21 30 28.0	-1.6
SOMM	Songo Array	41.16	13	P	P	21 33 18.7	+0.9
SOMM	Songo Array	41.16	13	PcP	P	21 35 17.6	+0.2
KURK	Kurchatov	44.61	346	eP	P	21 33 43.8	-2.1
ZAL	Zalesovo	46.54	352	P	P	21 34 01.4	+0.3
ZAL	Zalesovo	46.54	352	P	P	21 34 01.4	+0.3
WRA	Warramunga Arr	48.27	126	P	P	21 34 15.0	-0.2
WRAB	Tennant Creek	48.28	126	P	P	21 34 14.5	-0.7
BVAR	Borovoye Array	49.34	341	P	P	21 34 20.4	+0.2
CHKZ	Chkalovo	49.47	342	eP	P	21 34 23.8	-0.2
ASAR	Alice Springs	49.93	130	P	P	21 34 27.6	-0.3
FINES	FINES Array B	72.70	332	P	P	21 37 01.3	-0.1
FINES	FINES Array B	72.70	332	P	P	21 37 01.3	-0.1
ARCES	ARCCESS Array B	75.26	340	P	P	21 37 17.1	+1.0
BOSA	Boshof	75.57	238	eP	P	21 37 20.0	+1.4
GERES	GERESS Array B	77.82	318	P	P	21 37 30.8	+0.1
HFS	Hagfors	78.45	330	P	P	21 37 33.9	0.0
PDAR	Pinedale Array	125.17	21	PKP	PKPdf	21 44 34.1	-3.6
PLCA	Paso Flores	144.54	200	PKP	PKPdf	21 45 10.2	-3.3

IDC 26 21:26:59.0, 0.9, 7.95N-94.12E, mb3.9/10, mb1 4.0/11, mb1mx3.9/20, mbmp3.9/11, ML3.8/1, Error ellipse: s-maj=30.2km s-min=21.3km az=53.0
NEIC 26 21:27:03.4, 0.6, 7.94N-94.15E, h30km, mb4.3/2, Error ellipse: s-maj=16.1km s-min=12.0km az=71.0
ISC 26 21:27:01.5, 0.7, 8.0N,0.1,94.2E,0.1,1,h33km,n16, 0.058/16,mb4.0/12, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
CMAR	Chiang Mai Arr	11.41	23	Pn	P	21 29 45.1	-0.6
HYB	Hyderabad	17.91	303	iP	P	21 31 15.0	+4.7
LSA	Lhasa	21.81	353	eP	P	21 31 54.4	+1.1
SOMM	Songo Array	41.16	13	P	P	21 34 45.1	+1.0
SOMM	Songo Array	41.16	13	PcP	P	21 36 45.3	+1.2
KURK	Kurchatov	44.54	346	eP	P	21 35 12.2	-0.2
ZAL	Zalesovo	46.47	352	P	P	21 35 28.6	+1.0
WRA	Warramunga Arr	48.26	126	P	P	21 35 42.5	+0.2
BVAR	Borovoye Array	49.34	341	P	P	21 35 45.4	-1.5
CHKZ	Chkalovo	49.47	342	eP	P	21 35 50.5	0.0
ASAR	Alice Springs	49.93	130	P	P	21 35 54.5	-0.4
KMBO	Kilima Mbojo	57.49	264	P	P	21 36 51.8	+0.9
BRTR	Bratonskaya Array B	62.41	311	P	P	21 37 22.8	-1.5
FINES	FINES Array B	72.70	332	P	P	21 38 27.5	+0.7
FINES	FINES Array B	72.70	332	P	P	21 38 27.5	+0.7
HFS	Hagfors	78.41	330	P	P	21 39 01.3	+0.5
HFS	Hagfors	78.41	330	P	P	21 39 01.3	+0.5

IDC 26 21:31:49.1, 0.9, 7.87N-94.21E, mb3.9/10, mb1 4.1/11, mb1mx4.0/20, mbmp3.9/11, ML3.7/1, Error ellipse: s-maj=29.3km s-min=19.9km az=52.0
ISC 26 21:31:52.3, 0.7, 7.9N,0.1,94.3E,0.1,1,h33km,n17, 0.052/17,mb4.2/16, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
CMAR	Chiang Mai Arr	11.45	23	Op	ISC	21 34 36.3	-0.2
JIRN	Jiri	21.12	340	eP	P	21 36 36.6	+0.1
PKI	Pulchoki	21.32	338	eP	P	21 36 38.7	+0.2
DMN	Daman	21.46	337	eP	P	21 36 40.3	+0.3
KKN	Kakani	21.56	338	eP	P	21 36 41.1	+0.1
GKN	Gorkha	22.00	337	eP	P	21 36 45.2	-0.2
KOLN	Koldanda	22.27	334	eP	P	21 36 48.0	+0.4
SOMM	Songo Array	41.13	12	P	P	21 39 35.5	+0.6
ZAL	Zalesovo	46.56	352	P	P	21 40 18.7	+0.1
WRA	Warramunga Arr	48.14	126	P	P	21 40 31.8	+0.3
BVAR	Borovoye Array	49.03	341	P	P	21 40 38.0	+0.3
ASAR	Alice Springs	49.93	130	P	P	21 40 44.0	-0.2
KMBO	Kilima Mbojo	57.57	264	P	P	21 41 42.6	+0.9
BRTR	Bratonskaya Array B	62.54	311	P	P	21 42 13.9	-1.4
ARCES	ARCCESS Array B	75.26	340	P	P	21 43 48.6	-0.1
HFS	Hagfors	78.53	330	P	P	21 43 52.1	-0.6
NOA	NORSAR Array B	79.80	331	P	P	21 43 58.0	-0.7

IDC 26 21:33:02.0, 0.6, 7.94N-94.13E, mb4.4/18, mb1 4.5/19, mb1mx3.5/24, mbmp4.4/19, ML4.1/1, MS3.7/1, MS1 3.9/1, ms1mx2.7/27, Error ellipse: s-maj=24.0km s-min=14.6km az=50.0, Putative timing error at LPZ
NEIC 26 21:33:08.0, 1.7, 7.95N-94.25E, h41km, h41km, mb4.5/10,

Error ellipse: s-maj=12.0km s-min=8.9km az=45.0
ISC 26 21:33:05.4, 1.8, 7.90N,0.08,94.28E,0.08,h35km,16km, m62,0.039/56,mb4.6/34,2C-1D, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
SNG	Songkhla	6.32	96	Op	ISC	21 34 37.0	-1.6
NNT	Nongplab	7.10	49	P	P	21 34 50.5	+0.9
CM31	Chiang Mai Arr	11.43	23	Op	ISC	21 35 51.4	+2.1
CMAR	Chiang Mai Arr	11.43	23	Pn	P	21 35 48.3	-1.0
CMAR	Chiang Mai Arr	11.43	23	LR	LR	21 40 26.0	
HYB	Hyderabad	18.01	303	eP	P	21 37 16.0	+1.1
HYB	Hyderabad	18.01	303	iP	P	21 37 16.0	+1.1
JIRN	Jiri	21.09	340	eP	P	21 37 48.8	-0.4
PKI	Pulchoki	21.29	338	eP	P	21 37 51.4	+0.2
DMN	Daman	21.44	337	eP	P	21 37 52.6	-0.1
KKN	Kakani	21.54	338	eP	P	21 37 52.9	-0.8
LSA	Lhasa	21.88	353	eP	P	21 37 56.6	-0.5
GKN	Gorkha	21.98	337	eP	P	21 37 57.4	-0.6
KOLN	Koldanda	22.20	334	eP	P	21 37 59.8	-0.5
BHPL	Bhopal	22.24	315	eP	P	21 38 02.0	+1.3
BHPL	Bhopal	22.24	315	e	P	21 38 02.8	
TKMZ	Tokmak 2	38.56	338	P	P	21 40 26.8	+0.3
KBK	Karakaybulak	38.58	337	P	P	21 40 27.4	+0.7
AML	Almayashu	38.64	335	P	P	21 40 27.9	+0.7
AAK	Ak-Araba	38.73	336	eP	P	21 40 27.5	-0.5
EKSZ	Erkin-Say	39.05	336	P	P	21 40 31.1	+0.6
USP	Uspenkovka	39.27	337	P	P	21 40 31.9	-0.5
SOMM	Songo Array	41.10	12	P	P	21 40 47.9	+0.3
SOMM	Songo Array	41.10	12	PcP	P	21 42 47.8	+0.5
ULN	Ulanbaatar	41.28	13	eP	P	21 40 49.8	+0.8
KURK	Kurchatov	44.62	346	eP	P	21 41 15.9	-0.3
NWAO	Nargin (SRO)	46.11	153	P	P	21 41 29.4	+1.1
ZAL	Zalesovo	46.54	352	P	P	21 41 31.2	-0.1
WRA	Warramunga Arr	48.16	126	P	P	21 41 44.5	-0.1
RAYN	Ar Rayn	49.20	294	P	P	21 41 53.6	+1.0
CHKZ	Chkalovo	49.49	342	eP	P	21 41 53.4	-1.0
ASAR	Alice Springs	49.92	130	P	P	21 41 56.8	-0.6
ASAR	Alice Springs	49.92	130	P	P	21 43 20.1	+2.1
GNI	Garni	54.52	314	P	P	21 42 31.6	-0.6
GNI	Garni	54.52	314	P	P	21 42 36.8	+1.6
KMBO	Kilima Mbojo	57.57	264	P	P	21 42 54.1	-0.4
EIL	Elai	59.53	300	P	P	21 43 07.6	-0.4
BRTR	Bratonskaya Array B	62.52	311	P	P	21 43 25.6	-2.4
AKASO	Malin Array B	66.82	322	P	P	21 44 02.2	-2.3
IDI	Anoyi	68.68	316	P	P	21 44 05.6	-2.0
VRI	Vrincioia	68.78	316	P	P	21 44 08.5	+0.5
MUR	Muntele Rosu	69.25	316	P	P	21 44 11.6	+0.7
BLR	Bucovina Array	70.12	318	P	P	21 44 16.1	-0.1
JOF	Joensuu	70.42	334	eP	P	21 44 20.2	-0.4
FINES	FINES Array B	72.75	332	P	P	21 44 30.7	-1.0
KAF	Kangasniemi	72.83	333	eP	P	21 44 30.5	-1.7
ARCES	ARCCESS Array B	75.29	340	P	P	21 44 46.9	+0.5
BOSA	Boshof	75.57	238	eP	P	21 44 50.8	+1.2
BILL	Bilibino	76.01	22	eP	P	21 44 50.9	+0.5
BORG	Borgesshiussel	77.82	320	eP	P	21 45 01.7	+0.8
GERES	GERESS Array B	77.90	318	P	P	21 45 01.1	-0.3
KHC	Khasperske Bay	77.99	318	P	P	21 45 02.0	+0.1
CLL	Collin	78.43	321	P	P	21 45 05.0	+0.7
HFS	Hagfors	78.50	330	P	P	21 45 04.4	-0.1
NB2	NORSAR Subarra	79.78	331	P	P	21 45 10.9	-0.5
NOA	NORSAR Array B	79.80	331	P	P	21 45 10.5	-0.9
NOA	NORSAR Array B	79.80	331	P	P	21 45 10.5	-0.9
LPG	La Plagne	82.70	315	eP	P	21 45 28.1	+1.1
EKA	Eskdalemuir Arr	87.79	325	P	P	21 45 52.6	+0.7
IMA	Indian Mountain	91.54	22	eP	P	21 46 12.1	+2.6
ILAR	Elcielski Array	94.20	312	P	P	21 46 23.9	+0.2
NVAR	Mina Array Bea	124.82	31	PKP	PKPdf	21 52 06.0	+3.8
NVAR	Mina Array Bea	124.82	31	PKP	PKPdf	21 52 04.3	+1.7
PDAR	Pinedale Array	125.17	21	PKP	PKPdf	21 52 34.0	+2.7
TXAR	Lajitas Array	139.14	2				

Table with columns for station call signs (e.g., SNY, ZAK, MOY, TLY, etc.), frequencies, and various status indicators (e.g., P, S, M, L, R, etc.).

Table with columns for station call signs (e.g., STKA, BOD, KIMBO, etc.), frequencies, and various status indicators (e.g., P, S, M, L, R, etc.).

Table with columns for station call signs (e.g., GOF, MALT, EIL, etc.), frequencies, and various status indicators (e.g., P, S, M, L, R, etc.).

Table with columns for station code, frequency, time, and signal strength. Includes stations like SKR, MA2, TIRR, KIS, etc.

Table with columns for station code, frequency, time, and signal strength. Includes stations like LVZ, CRVS, DIVS, FINES, etc.

Table with columns for station code, frequency, time, and signal strength. Includes stations like PVCC, AQU, CADS, BSD, etc.

NB2	NORSAR Subarra 84.52 331 P	P	22 13 12.2 -0.7
NB2	NORSAR Subarra 84.52 331 P	P	22 13 12.2 -0.7
NOA	NORSAR Array B 84.52 331 P	P	22 13 12.4 -0.5
NOA	comp-Z,15nm,1.0s,mb5.1,baz=93,slow=5.7,SNR=13 LR		22 13 12.4 -0.5
NOVA	comp-Z,4um,19.2s,MSS.8,baz=95,slow=40		
NOVA	Damules 84.53 317 P	P	22 13 12.9 -0.4
BSEG	Bad Segeberg 84.54 324 eP	P	22 13 15.4 +2.2
NAO01	NORSAR Array S 84.66 331 eP	P	22 13 13.5 -0.1
PGF	Pioggiola 85.03 312 eP	P	22 13 15.4 -0.5
PGF	Pioggiola 85.03 312 eP	P	22 13 15.4 -0.5
KONO	comp-Z,146nm,1.6s,mb5.9		
KONO	Kongsberg 85.23 329 PFAKE LR	LR	22 13 30.0 +1.4
SPAK	Spaichingen 85.29 318 eP	P	22 13 19.1 +2.0
MUD	Monsted Ugrnd 85.31 326 iP	P	22 13 19.0 +2.0
MUD	comp-Z,22nm,1.1s,mb5.2		
MUD	Monsted Ugrnd 85.31 326 iP	P	22 13 19.0 +2.0
MUD	comp-Z,22nm,1.1s,mb5.2		
MUD	Monsted Ugrnd 85.31 326 iS	S	22 23 47.2 +2.6
MUD	Monsted Ugrnd 85.31 326 iP	P	22 13 19.0 +2.0
MUD	comp-Z,22nm,1.1s,mb5.2		
MUD	Monsted Ugrnd 85.31 326 iS	S	22 23 47.2 +2.6
TOD	Tromm 85.32 319 eP	P	22 13 25.0 +0.3
TNS	Tanus Mts 85.56 320 eP	P	22 13 20.6 +2.3
TNS	comp-Z,36nm,1.4s,mb5.4		
TNS	Tanus Mts 85.56 320 eP	P	22 13 20.6 +2.3
BFO	Black Forest 85.60 318 eP	P	22 13 20.0 +1.4
BFO	comp-Z,20nm,1.3s,mb5.2		
BFO	Black Forest 85.60 318 eP	P	22 13 20.0 +1.4
URZ	Urevera 85.68 129 P	P	22 13 19.1 -0.2
FELD	Feldberg 85.81 318 eP	P	22 13 21.1 +1.4
LANF	Langenberg 85.96 319 eP	P	22 13 21.7 +0.3
SBF	Sospel 86.19 314 eP	P	22 13 21.0 +3.6
SBF	comp-Z,278nm,1.4s,mb5.0		
SBF	Sospel 86.19 314 eP	P	22 13 21.0 -0.6
CDF	comp-Z,193nm,1.4s,mb5.0		
CDF	Champ du Feu 86.31 318 eP	P	22 13 21.3 -0.8
CDF	comp-Z,37nm,1.3s,mb5.1		
CDF	Champ du Feu 86.31 318 eP	P	22 13 21.3 -0.8
ECH	Echery 86.38 318 eP	P	22 13 24.9 +2.4
ECH	Echery 86.38 318 eP	P	22 13 25.0 +2.5
RUP	Ruppelstein 86.45 319 eP	P	22 13 24.7 +1.9
HINF	Hinterfeld 86.59 318 eP	P	22 13 22.2 -1.3
LOMF	Lomont 86.61 317 eP	P	22 13 24.9 +1.3
LOMF	Lomont 86.61 317 eP	P	22 13 25.0 +1.4
MBDF	Montbardon 86.66 314 eP	P	22 13 24.0 +0.1
MBDF	comp-Z,60nm,1.3s,mb5.4		
MBDF	Montbardon 86.66 314 eP	P	22 13 24.0 +0.1
LPG	comp-Z,30nm,1.3s,mb5.4		
LPG	La Plagne 86.67 315 eP	P	22 13 23.7 -0.3
LPG	comp-Z,56nm,1.1s,mb5.4		
LPG	La Plagne 86.67 315 eP	P	22 13 23.7 -0.3
LPL	comp-Z,28nm,1.1s,mb5.4		
LPL	La Plagne 86.68 315 eP	P	22 13 23.7 -0.3
LPL	comp-Z,72nm,1.1s,mb5.5		
LPL	La Plagne 86.68 315 eP	P	22 13 23.7 -0.3
BNI	comp-Z,36nm,1.1s,mb5.5		
BNI	Bardonecchia 86.72 315 P	P	22 13 22.2 -2.0
BNI	comp-Z,76nm,1.6s,mb5.7		
BNI	Bardonecchia 86.72 315 P	P	22 13 22.2 -2.0
FRF	La Foret Royal 86.76 313 eP	P	22 13 23.9 -0.6
FRF	comp-Z,262nm,1.7s,mb5.9		
FRF	La Foret Royal 86.76 313 eP	P	22 13 23.9 -0.6
KIWB	comp-Z,131nm,1.7s,mb5.9		
LMR	Kanaga Island 86.79 38 eP	P	22 13 26.1 +1.7
LMR	La Moure 86.86 313 eP	P	22 13 24.4 -0.6
LMR	comp-Z,245nm,1.7s,mb5.9		
LMR	La Moure 86.86 313 eP	P	22 13 24.4 -0.6
HAU	comp-Z,122nm,1.7s,mb5.9		
HAU	Haudompre 86.93 318 eP	P	22 13 24.2 -0.9
HAU	comp-Z,70nm,1.2s,mb5.5		
HAU	Haudompre 86.93 318 eP	P	22 13 24.2 -0.9
HAU	comp-Z,3um,17.8s		
HAU	Haudompre 86.93 318 eP	P	22 13 24.2 -0.9
HAU	comp-Z,35nm,1.2s,mb5.5		
HAU	Haudompre 86.93 318 eP	P	22 13 24.2 -0.9
CABF	comp-Z,3um,17.8s,MSS.8		
CABF	La Chapelle 87.12 316 eP	P	22 13 25.8 -0.3
CABF	comp-Z,154nm,1.4s,mb5.7		
CABF	La Chapelle 87.12 316 eP	P	22 13 25.8 -0.3
ORIF	comp-Z,77nm,1.4s,mb5.7		
ORIF	Oris-en-Rattie 87.29 315 eP	P	22 13 26.8 -0.2
ORIF	comp-Z,41nm,1.1s,mb5.3		
ORIF	Oris-en-Rattie 87.29 315 eP	P	22 13 26.8 -0.2
SMRF	comp-Z,4um,21.2s		
SMRF	Simiane la Rot 87.53 314 eP	P	22 13 27.0 -1.2
VNDA	comp-Z,134nm,1.5s,mb5.7		
VNDA	Vanda 87.74 168 eP	P	22 13 27.0 -1.5
VNDA	comp-Z,41nm,1.6s		
VNDA	Vanda 87.74 168 eP	P	22 13 27.0 -1.5
VNDA	comp-Z,9.1nm,1.2s,mb4.9,baz=340,slow=7.3,SNR=5.9 LR	LR	22 13 28.8 +0.3
VNDA	comp-Z,7um,18.0s,MSS.1,baz=296,slow=33		
VNDA	Vanda 87.74 168 eP	P	22 13 27.0 -1.5
MEZF	comp-Z,41nm,1.6s,mb5.4		
MEZF	Matizier J'vi 87.78 318 eP	P	22 13 28.5 -0.8
GIVF	comp-Z,51nm,1.2s,mb5.3		
GIVF	Givet 87.89 320 eP	P	22 13 29.2 -0.5
GIVF	comp-Z,52nm,1.2s,mb5.3		
GIVF	Givet 87.89 320 eP	P	22 13 29.2 -0.5
VIVF	comp-Z,26nm,1.2s,mb5.3		
VIVF	Saint-Julien-1 88.15 315 eP	P	22 13 30.9 -0.2
VIVF	comp-Z,88nm,1.4s,mb5.5		
VIVF	Saint-Julien-1 88.15 315 eP	P	22 13 30.9 -0.2
BAIF	comp-Z,44nm,1.4s,mb5.5		
BAIF	Baives 88.29 320 eP	P	22 13 31.4 -0.2
BAIF	comp-Z,62nm,1.3s,mb5.5		
BAIF	Baives 88.29 320 eP	P	22 13 31.4 -0.2
SMF	comp-Z,41nm,1.3s,mb5.5		
SMF	Signal de Mont 88.67 316 eP	P	22 13 33.9 +0.4
SMF	comp-Z,93nm,1.4s,mb5.6		
SMF	Signal de Mont 88.67 316 eP	P	22 13 33.9 +0.4
LBSA	comp-Z,47nm,1.4s,mb5.6		
LBSA	Ste Croix 88.77 314 eP	P	22 13 34.0 -0.1
LBSA	comp-Z,167nm,1.7s,mb5.8		
LBSA	Scott Base 88.85 168 PFAKE LR	LR	22 13 50.0 +1.6
SBA	comp-Z,3um,19.0s,MSS.8		
SBA	Saint Sauge 88.88 317 eP	P	22 13 34.2 -0.3
SSF	comp-Z,50nm,1.7s,mb5.6		
SSF	Saint Sauge 88.88 317 eP	P	22 13 34.2 -0.3
SSF	comp-Z,50nm,1.7s,mb5.6		
SSF	Saint Sauge 88.88 317 eP	P	22 13 34.2 -0.3
AVF	comp-Z,65nm,1.3s,mb5.4		
AVF	Avril sur Loir 89.00 317 eP	P	22 13 34.5 -0.6
AVF	comp-Z,65nm,1.3s,mb5.4		
AVF	Avril sur Loir 89.00 317 eP	P	22 13 34.5 -0.6
BGF	comp-Z,28nm,1.3s,mb5.4		
BGF	Bois d'Agland 89.36 316 eP	P	22 13 36.6 -0.2
BGF	comp-Z,14nm,1.4s,mb5.8		
BGF	Bois d'Agland 89.36 316 eP	P	22 13 36.6 -0.2
BGF	comp-Z,72nm,1.4s,mb5.8		
BGF	Bois d'Agland 89.36 316 eP	P	22 13 36.6 -0.2
TCF	comp-Z,50nm,1.2s,mb5.4		
TCF	Toulx Ste Croi 89.81 316 eP	P	22 13 38.8 -0.2

TCF	comp-Z,50nm,1.2s,mb5.4		
TCF	Toulx Ste Croi 89.81 316 eP	P	22 13 38.8 -0.2
MTFL	comp-Z,25nm,1.2s,mb5.4		
CAF	Calviac 89.89 313 eP	P	22 13 39.7 -0.2
CAF	comp-Z,75nm,1.5s,mb5.5		
CAF	Calviac 90.00 315 eP	P	22 13 39.9 0.0
CAF	comp-Z,38nm,1.5s,mb5.5		
CAF	Calviac 90.00 315 eP	P	22 13 39.9 0.0
MAIT	Maitri 90.16 199 eP	P	22 13 38.7 -1.3
RJF	Les Rejaudoux 90.36 315 eP	P	22 13 41.5 0.0
RJF	comp-Z,215nm,1.7s,mb5.9		
RJF	Les Rejaudoux 90.36 315 eP	P	22 13 41.5 0.0
RJF	comp-Z,107nm,1.7s,mb5.9		
RJF	Les Rejaudoux 90.36 315 eP	P	22 13 41.5 0.0
TNA	comp-Z,2um,19.8s,MSS.6		
LFF	Tin City 90.27 24 eP	P	22 13 42.4 -0.1
LFF	La Frestale 90.94 315 eP	P	22 13 44.5 +0.3
LFF	comp-Z,132nm,1.4s,mb5.8		
LFF	La Frestale 90.94 315 eP	P	22 13 44.5 +0.3
LDF	comp-Z,66nm,1.4s,mb5.8		
LDF	La Druitiere 91.21 319 eP	P	22 13 45.0 -0.3
LDF	comp-Z,102nm,1.3s,mb5.7		
LDF	La Druitiere 91.21 319 eP	P	22 13 45.0 -0.3
EPF	comp-Z,51nm,1.3s,mb5.7		
EPF	Esparros 91.39 313 eP	P	22 13 45.6 -0.7
EPF	comp-Z,49nm,1.3s,mb5.5		
EPF	Esparros 91.39 313 eP	P	22 13 45.6 -0.7
FLN	comp-Z,23nm,1.3s,mb5.3		
FLN	La Foliniere 91.43 319 eP	P	22 13 46.0 -0.3
FLN	comp-Z,135nm,1.4s,mb5.8		
FLN	La Foliniere 91.43 319 eP	P	22 13 46.0 -0.3
FLN	comp-Z,3um,21.8s		
FLN	La Foliniere 91.43 319 eP	P	22 13 46.0 -0.3
FLN	comp-Z,68nm,1.4s,mb5.8		
FLN	La Foliniere 91.43 319 eP	P	22 13 46.0 -0.3
GRR	comp-Z,3um,21.8s,MSS.7		
GRR	Gorron 91.72 318 eP	P	22 13 47.6 -0.1
GRR	comp-Z,99nm,1.2s,mb5.7		
GRR	Gorron 91.72 318 eP	P	22 13 47.6 -0.1
JMIC	comp-Z,50nm,1.2s,mb5.7		
JMIC	Jan Mayen 91.79 341 LR	LR	23 04 06.0
ETSF	comp-Z,3um,18.3s,MSS.7,baz=244,slow=42		
ETSF	Etsaut 92.06 313 eP	P	22 13 49.7 +0.3
ETSF	comp-Z,83nm,1.1s,mb5.7		
ETSF	Etsaut 92.06 313 eP	P	22 13 49.7 +0.3
ESK	comp-Z,42nm,1.1s,mb5.7		
ESK	Eskdalemyr 92.33 325 PFAKE LR	LR	22 14 00.0 +1.0
SJPF	comp-Z,944nm,19.0s,MSS.3		
SJPF	Ste Jean 92.52 313 eP	P	22 13 51.8 +0.3
SJPF	comp-Z,93nm,1.4s,mb5.7		
SJPF	Ste Jean 92.52 313 eP	P	22 13 51.8 +0.3
DAG	comp-Z,47nm,1.4s,mb5.7		
DAG	Danmarks Havn 92.66 348 eP	P	22 13 51.0 -0.4
DAG	comp-Z,7um,18.0s,MSS.2		
DAG	Danmarks Havn 92.66 348 iP	P	22 13 51.0 -0.4
SGMF	comp-Z,7um,18.0s		
SGMF	Saint Gilles 92.86 318 eP	P	22 13 52.6 -0.3
SGMF	comp-Z,170nm,1.5s,mb6.0		
SGMF	Saint Gilles 92.86 318 eP	P	22 13 52.6 -0.3
QUIF	comp-Z,85nm,1.5s,mb6.0		
ROSF	Quistin 93.31 318 eP	P	22 13 54.2 -0.8
ROSF	Rostronen 93.32 319 eP	P	22 13 54.8 -0.3
ROSF	comp-Z,116nm,1.5s,mb5.8		
ROSF	Rostronen 93.32 319 eP	P	22 13 54.8 -0.3
AFI	comp-Z,58nm,1.5s,mb5.8		
AFI	Afiatalu 94.06 104 PFAKE LR	LR	22 14 10.0 +1.1
ESDC	comp-Z,2um,20.0s,MSS.6		
ESDC	Sonsea Array 94.97 310 P	P	22 14 02.4 -0.5
ESLA	comp-Z,2.5nm,0.8s,mb4.7,baz=67,slow=4.8,SNR=7.2		
ESLA	Sonsea Array 94.97 310 PFAKE LR	LR	22 14 10.0 +7.1
IMA	comp-Z,10um,19.0s,MSS.3		
IMA	Indian Moutai 96.21 22 P	P	22 14 09.8 +1.9
IMA	comp-Z,140nm,1.5s,mb6.2		
IMA	Indian Moutai 96.21 22 eP	P	22 14 08.6 +0.7
SVWZ	comp-Z,140nm,1.5s,mb6.2		
SVWZ	Sparrevohk 97.10 27 eP	P	22 14 15.8 +3.6
BORG	comp-Z,3um,19.7s,MSS.8,baz=65,slow=38		
BORG	Borgarnes 98.41 337 PFAKE LR	LR	23 03 21.5
BORG	comp-Z,3um,19.7s,MSS.8,baz=65,slow=38		
BORG	Borgarnes 98.41 337 PFAKE LR	LR	22 14 30.0 +1.2
SPU	comp-Z,980nm,20.0s,MSS.3		
COLA	Mount Spurr 98.68 27 eP	P	22 14 19.0 -0.1
COLA	College 98.92 23 PFAKE LR	LR	22 14 30.0 +1.0
MCK	comp-Z,6um,19.0s,MSS.1		
MCK	McKinley 98.99 24 PFAKE LR	LR	22 14 30.0 +1.0
DBIC	comp-Z,4um,19.0s,MSS.9		
DBIC	Dimbokro 99.16 277 LR	LR	22 54 53.8
DBIC	comp-Z,4um,21.6s,MSS.9,baz=71,slow=33		
DBIC	Dimbokro 99.16 277 PFAKE LR	LR	22 14 30.0 +7.6
ILAR	comp-Z,4um,22.0s,MSS.9		
ILAR	Eielson Array 99.34 22 P	P	22 14 20.8 -1.3
ILAR	comp-Z,1.2nm,0.9s,baz=291,slow=4.6,SNR=9.4		
ILAR	Eielson Array 99.34 22 P	P	22 18 21.3 -6.3
ILAR	comp-Z,3.6nm,1.0s,baz=303,slow=7.6,SNR=6.3		
ILAR	Eielson Array 99.34 22 P	P	23 04 51.1
FIB	comp-Z,5um,18.8s,MSS.6,baz=160,slow=39		
FIB	Fire Island 99.53 26 PFAKE LR	LR	22 14 40.0 +1.7
KDAK	comp-Z,2um,21.0s,MSS.7		
KDAK	Kodiak Island 99.67 30 PFAKE LR	LR	22 14 40.0 +1.6
INK	comp-Z,2um,20.0s,MSS.6		
INK	Inuvik 101.82 16 eP	P	22 14 34.3 +1.1
INK	comp-Z,10nm,1.3s		
INK	Inuvik 101.82 16 eP	P	22 14 33.2 0.0
INK	comp-Z,5.6nm,1.1s,baz=290,slow=5.7,SNR=7.6		
INK	Inuvik 101.82 16 eP	P	22 14 34.3 +1.1
INK	comp-Z,10nm,1.3s		
INK	Inuvik 101.82 16 eP	P	22 14 33.2 0.0
DAWY	comp-Z,10nm,1.3s		
RES	Dawson 102.50 21 eP	P	22 14 38.7 +2.4
RES	Resolute Bay 102.56 3 eP	P	22 14 37.6 +1.3
RES	comp-Z,13nm,1.0s		
RES	Resolute Bay 102.56 3 eP	P	22 14 37.6 +1.2
KIP	comp-Z,13nm,1.0s		
KIP	Kipapa		

Table with columns: TRQA, Tornado, 138.79 208, PFAKE, LR, LR, 22 20 20.0 +1.0, CCM, Cathedral Cave 139.12 7, PFAKE, LR, LR, 22 20 20.0 +9.3, WCI, Wyandotte Cave 139.31 1, PFAKE, LR, LR, 22 20 20.0 +9.0, AMTX, Amarillo 139.62 21, PFAKE, LR, LR, 22 20 20.0 +8.3, PLCA, Paso Flores 139.82 197, PFAKE, LR, LR, 22 19 59.6, PLCA, Paso Flores 139.82 197, PFAKE, LR, LR, 22 20 20.0 +8.2, BLA, Blacksburg 140.08 354, PFAKE, LR, LR, 22 20 20.0 +7.6, WMOK, Wichita Mounta 140.71 18, PKIKP, PKPdf, 22 20 06.7 -7.0, MNTX, Cornudas Mount 140.87 28, ePKPpre, LR, LR, 22 20 06.2, WVT, Waverly 141.34 3, ePKIKP, PKPdf, 22 20 06.9 -7.9, UALR, University of 142.19 9, ePKPdf, PKPdf, 22 20 13.7 -2.6, MIA, Mount Ida 142.19 11, ePKIKP, PKPdf, 22 20 08.4 -7.9, OXF, Oxford 142.83 6, PFAKE, LR, LR, 22 20 30.0 +1.3, LTX, Lajitas 143.66 28, PKIKP, PKPdf, 22 20 14.3 -4.6, LTX, Lajitas 143.66 28, ePKPpre, LR, LR, 22 20 12.9, TXAR, Lajitas Array 144.66 28, PKP, PKPdf, 22 20 14.1 -4.8, GOGA, Godfrey 149.07 357, PFAKE, LR, LR, 22 20 30.0 +1.6, NHSC, New Hope 144.10 353, PFAKE, LR, LR, 22 20 30.0 +1.6, JCT, Junction City 144.27 22, PKIKP, PKPdf, 22 20 15.6 -4.3, JCT, Junction City 144.27 22, ePKPpre, LR, LR, 22 20 15.2, LRL, Lakeview Retre 144.47 2, ePKPpre, LR, LR, 22 20 14.2, NATX, Nacogdoches 144.64 14, ePKPpre, LR, LR, 22 20 16.7, HWT, Hockley 146.05 16, ePKP2, PKPab, 22 20 21.3 -0.8, MDZ, Mendoza 146.20 205, eP, PKPbc, 22 20 23.2 +3.3, RPN, Rapa Nui 146.52 139, ePKPdf, PKPdf, 22 20 23.2 -0.7, DWPF, Disney 149.18 353, PFAKE, LR, LR, 22 20 40.0 +1.2, BBL, Barber's Block 150.19 308, eP, PKPdf, 22 20 35.4 +5.1, COLM, Colima 151.76 39, eP, PKPdf, 22 20 41.3 +8.9, SJG, San Juan 152.03 318, PKPbc, PKPdf, 22 20 36.6 +3.8, SJG, San Juan 152.03 318, ePKPbc, PKPdf, 22 20 37.7 +4.9, LVC, Limon Verde 154.57 217, ePKPab, LR, PKPab, 22 20 59.2 +1.9, PPM, Popocatepetl 154.75 31, ePKIKP, PKPdf, 22 20 33.9 -2.6, PLIG, Platanillo 154.85 33, iP, PKPdf, 22 20 37.5 +0.6, LPAZ, La Paz 158.33 230, ePKIKP, PKPdf, 22 20 34.7 -6.6, LPAZ, La Paz 158.33 230, PFAKE, LR, LR, 22 20 50.0 +8.7, SDV, Santo Domingo 161.41 308, PFAKE, LR, LR, 22 20 50.0 +5.3, JTS, JuntasAbangare 167.13 358, PFAKE, LR, LR, 22 21 00.0 +1.0, NNA, Nana 167.49 222, PFAKE, LR, LR, 22 21 00.0 +1.0, OTAV, Otavalo 172.56 293, ePKPdf, PKPdf, 22 20 53.7 +0.4, PAYG, Puerto Ayora 174.66 68, PFAKE, LR, LR, 22 21 00.0 +6.1

CSEM 26:22:09:33.1±0.5, 37.51N-43.41E, h12km, MD3.2, Error ellipse: s-maj=14.9km s-min=9.7km az=132.0
ISK 26:22:09:34.8, 37.60N-43.85E, h21km, MD3.2
ISC 26:22:09:33.5, 1.8, 37.70N, 0.04-44.1E, 0.1, h3km, 8km, n8, c1501/13, Turkey-Iran border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, HKR, Hakkari 0.28 244, iPG, Pg, 22 09 39.8 +0.6, VAN, Van 0.91 325, iSG, Sg, 22 09 42.2 +0.8, VAN, Van 0.97 328, iPG, Pg, 22 09 53.6 +0.9, VAN, Van 1.04 330, PG, Pg, 22 09 04.1 -1.7, VAN, Van 1.61 209, eP, Sg, 22 10 08.0 -0.1, MSL, Mosul 1.61 209, eP, Sg, 22 10 03.0 0.0, BTM, Batman 2.09 284, PN, Pn, 22 10 09.6 -0.3, BEST, Besiri 2.22 276, iP, Pn, 22 10 12.8 +1.0, ONI, Oni 4.90 355, P, Sn, 22 10 49.9 0.0

CSEM 26:22:10:59.0±0.1, 35.79N-29.55E, h30km, MW3.6, Error ellipse: s-maj=2.1km s-min=1.4km az=73.0
ISK 26:22:10:59.2, 35.80N-29.58E, h32km, ML3.8
ATH 26:22:11:00.3, 35.91N-29.30E, h2km, MD3.7/5
HLW 26:22:11:00.7, 35.80N-29.59E, h17km, Mb3.9
NEIC 26:22:11:00.3, 35.91N-29.30E, h2km, MD3.7(ATH), ML3.6(NIC), After ATH.
NIC 26:22:11:02.7±0.3, 35.91N-29.73E, h25km, mb4.0, ML3.6, MW3.4
ISC 26:22:10:59.0±0.7, 35.76N, 0.02-29.63E, 0.03, h5km±5km, n70, c1500/83, 3C, Eastern Mediterranean region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, KSL, Kastellorizon 0.40 354, ePG, Pg, 22 11 06.7 +1.8, FET, Fethiye 0.98 333, iPG, Pg, 22 11 15.9 -0.7, FET, Fethiye 1.02 113, iSG, Sg, 22 11 28.5 -1.2, ELL, Elmali 1.41 35, PN, Pn, 22 11 16.9 -0.3, ANB, Antalya 1.41 35, PN, Pn, 22 11 23.2 -0.1, BCK, Bucak 1.87 24, PN, Pn, 22 11 29.5 -0.3, DNZL, Cakirokul 1.99 346, iP, Pn, 22 11 33.7 +2.1, DNZL, Karpathos 2.02 265, ePb, Pn, 22 11 34.2 +0.4, KARF, Karpathos 2.02 265, ePb, Pn, 22 11 56.5 -1.5, DENT, Denizli 2.05 347, ePN, Pn, 22 11 31.5 -1.0, ML5B, Milas 2.15 316, ePN, Pn, 22 11 33.6 -0.2, BDRM, Kayabasi 2.20 307, iP, Pn, 22 11 40.3 +5.7, BDRM, Kayabasi 2.20 307, iS, Sn, 22 12 04.4 +2.0, ISF, Isparta 2.20 18, ePN, Pn, 22 11 34.1 -0.5, AKMC, Akamaks 2.32 107D, Pn, 22 11 37.4 +1.1, AYDN, Tasoluk 2.32 324, iP, S, 22 11 41.1 +4.1, AYDN, Paphos 2.38 111, iP, Pn, 22 12 09.0 +2.2, PPCY, Paphos 2.38 111, iP, Pn, 22 11 39.1 +1.9

Table with columns: ALFC, Alevga 2.49 103, P, Pn, 22 11 39.5 +0.7, KHL, Karahalli 2.56 58, ePN, Pn, 22 11 38.8 -1.0, HDMB, Hadim 2.60 61, ePN, Pn, 22 11 40.4 +0.2, Leffa 2.73 102, P, Pn, 22 12 02.0 +0.2, SZAC, Souni-Zanaja 2.84 110, P, Pn, 22 11 44.7 +1.0, SZAC, Manisa 2.86 343, iS, S, 22 12 18.3 -0.4, MANT, Manisa 2.86 343, iS, S, 22 12 20.3 +0.9, SMG, Samos 2.98 312, ePG, Pn, 22 11 48.5 -1.6, MAMC, Mammari 2.98 100, P, Pn, 22 11 47.0 +1.2, KONT, Konya-Tatoy 3.09 44, ePN, Pn, 22 11 46.6 -0.7, PSS, Prodhromos 3.12 104, P, Pn, 22 11 48.9 +1.1, CSS, Bornova 3.25 325, iS, S, 22 12 24.7 -1.2, KDAG, Bornova 3.25 325, iS, S, 22 11 45.3 -4.3, KDAG, Bornova 3.25 325, iS, S, 22 12 27.4 -1.8, NPS, Neapolis 3.32 263, ePb, Pn, 22 11 53.3 -2.7, AKS, Aktisar 3.44 336, ePN, Pn, 22 11 51.8 -0.5, KIZT, Kizilirmak 3.60 29, ePN, Pn, 22 11 54.7 +0.2, PHNC, Paralimni 3.67 100, P, Pn, 22 11 58.2 +2.7, ESKT, Eskisehir 3.88 14, eS, S, 22 12 14.2 -3.9, DST, Dursunbey 3.93 349, ePN, Pn, 22 11 59.1 -0.1, VAM, Varnos 4.44 287, ePN, Pn, 22 12 09.1 +2.6, KAMT, Karaman 4.48 41, ePN, Pn, 22 12 19.1 +0.7, DABA, Dabaa 4.87 194, P, Pn, 22 12 13.1 +0.6, HMAT, Matruh 5.11 205, P, S, 22 12 15.8 -0.1, HMAT, Matruh 5.11 205, S, S, 22 13 10.8 -5.3, HBF, Burjal 'Arab 5.16 178, iP, Pn, 22 12 17.3 +0.5, HBF, Burja 5.16 172, Pn, Pn, 22 12 18.8 -0.7, HWG, Hawga 5.28 104, ePN, Pn, 22 12 19.1 +0.7, OFRI, 'Ofer 5.42 124, Pn, Pn, 22 12 19.9 -0.5, KSDI, Kefar Szold 5.59 115, Pn, Pn, 22 12 22.5 -0.3, SLUM, Sluim 5.63 222, P, Pn, 22 12 24.3 +1.0, SLTI, Salit 5.70 126, S, S, 22 12 23.4 -6.6, KSHT, Keshet 5.85 117, Pn, Pn, 22 12 26.1 +0.3, MMLI, Mount Malkishu 6.03 123, Pn, Pn, 22 12 27.5 -0.4, HMDT, Nahal Hemdut 6.01 124, Pn, Pn, 22 12 29.2 +0.5, HMYD, Mayadein 6.02 170, P, Pn, 22 12 29.3 +0.4, KOT, Kottaria 6.10 162, P, Pn, 22 12 30.0 +0.1, HHAG, Hagalo 6.14 160, Pn, Pn, 22 12 30.2 -0.4, FYM, Fayyum 6.16 169, Pn, Pn, 22 12 30.9 +0.1, HNAT, Natroun 6.16 172, P, Pn, 22 12 30.9 +0.1, AYT, Al 'Ayyat 6.17 168, P, Pn, 22 12 31.5 +0.6, KZIT, Kziot 6.26 139, Pn, Pn, 22 12 32.0 -0.3, RTMM, Retamin 6.31 137, Pn, Pn, 22 12 31.4 -1.5, HSAP, As Safi 6.33 165, P, Pn, 22 12 33.2 +0.1, DRGI, Dargat 6.34 129, P, Pn, 22 12 32.3 +0.1, GLL, Jalalah 6.40 164, P, Pn, 22 12 35.0 +0.8, MASH, Mash'abbe Sade 6.40 136, Pn, Pn, 22 12 33.8 -0.5, SUZ, Suz 6.48 155, P, S, 22 12 35.5 +0.2, MZDA, Masada 6.52 311, S, S, 22 13 44.2 -7.3, HNKL, Nakhli 6.56 147, P, Pn, 22 12 45.5 -0.2, ZAF, Zafar 6.91 156, P, Pn, 22 12 41.5 +0.2, ZNF, Zafar 6.92 158, P, Pn, 22 12 41.3 -0.2, KMTI, Karmit 7.07 141, Pn, Pn, 22 12 42.6 -1.1, KMTI, Karmit 7.07 141, S, S, 22 13 56.6 -8.8, SWA1, Swad 7.27 208, P, Pn, 22 12 45.9 -0.5, SWA2, Swad 7.39 210, P, Pn, 22 12 47.5 -0.4, HWT, Hockley 7.42 156, P, Pn, 22 14 06.1 -7.1, MBH, Mount Berech 7.42 142, Pn, Pn, 22 12 47.7 -0.8, AWBH, Awbeh 7.44 185, P, Pn, 22 12 48.0 -0.7, EIL, Elat 7.54 142, Pn, Pn, 22 12 49.2 -1.0, HBST, Basata 7.81 145, P, Pn, 22 12 53.4 -0.6, HBST, Basata 7.81 145, P, Pn, 22 12 53.3 -0.7

BUI 26:22:12:43.1, 7.03N-93.55E, h30km, mb4.4
ISC 26:22:12:46.5±0.7, 7.87N-94.06E, mb4.1/9, mb1 4.5/20, mb1mx4.5/25, mbmp4.3/20, ML3.8/1, Error ellipse: s-maj=26.5km s-min=16.5km az=46.0, Putative timing error at LPZA

NEIC 26:22:12:51.4±0.5, 7.89N-94.14E, h30km, mb4.8/4, Error ellipse: s-maj=17.2km s-min=13.9km az=52.0
ISC 26:22:12:50.4±0.6, 7.81N, 0.00-94.20E, 0.10, h33km, n51, c1841/45, mb4.6/28, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, CMAR, Chiang Mai Arr 11.55 23, Pn, P, 22 15 33.9 -2.1, HYB, Hyderabad 18.00 312, P, P, 22 17 03.0 +3.2, JIRN, Jiri 21.16 340, eP, P, 22 17 35.7 +0.7, PKI, Pulchoki 21.35 338, eP, P, 22 17 38.0 +1.0, DMN, Dama 21.50 337, eP, P, 22 17 39.7 +1.2, KAKN, Kakan 21.60 338, eP, P, 22 17 40.4 +1.0, LSA, Lasa 21.97 353, P, P, 22 17 44.8 +1.7, LSA, Lasa 21.97 353, eP, P, 22 17 39.1 -4.0, GKN, Gorkha 22.03 337, eP, P, 22 17 43.6 -0.2, KOLN, Koldana 22.25 334, eP, P, 22 17 45.8 -0.1, WHN, Wuhan 29.45 37, eP, P, 22 18 55.0 +1.6, SONM, Songoing Array 41.22 12, P, P, 22 20 32.7 -1.0, SONM, Songoing Array 41.22 12, b=198, slow=7.8, SNR=7.6, P, P, 22 22 32.9 -0.1, ZAL, Zalesovo 46.73 352, P, P, 22 21 15.4 -1.8, WRA, Warramunga Arr 48.12 125, P, P, 22 21 29.7 -0.1, BRTR, Keskin Array B 62.52 311, P, P, 22 21 34.3 -2.0, BVAR, Bivar 62.52 311, P, P, 22 22 59.0 -1.1, RAYN, Ar Rayn 49.17 294, P, P, 22 21 37.8 +0.3, CHKZ, Chkalovo 49.56 342, eP, P, 22 21 35.8 +0.3, ASAR, Alice Springs 49.82 130, P, P, 22 21 42.5 0.0, ASAR, Alice Springs 49.82 130, b=307, slow=6.9, SNR=5.7, P, P, 22 23 02.1 -1.0, GNI, Garmi 54.53 314, P, P, 22 22 16.3 -1.2, KMBO, Kilima Mbogo 57.48 264, P, P, 22 22 38.2 -0.9, BRTR, Keskin Array B 62.52 311, P, P, 22 23 10.6 -2.7, AKASG, Malin Array Be 68.25 322, P, P, 22 23 47.4 -2.4, VRI, Vriocoiaba 68.79 316, P, P, 22 23 53.4 0.0, MLR, Monteale Rosu 69.26 319, P, P, 22 23 56.2 -0.1, MLR, Monteale Rosu 69.26 319, b=118, slow=4.9, SNR=4.5, P, P, 22 23 59.0 +2.7, BURAR, Bucovincia Array 70.14 318, P, P, 22 24 03.8 +2.3, JOF, Joensuu 70.94 334, eP, P, 22 24 07.6 +1.5, FINES, Finess Array B 72.97 332, P, P, 22 24 15.4 -1.8, KAF, Kangasniemi 72.88 333, eP, P, 22 24 19.3 +1.6, ARCES, ARCES Array B 75.35 340, P, P, 22 24 29.9 -2.0, VRE, Vranje 76.19 316, P, P, 22 24 35.4 -0.9, GERES, GERES Array B 77.92 318, P, P, 22 24 45.8 -0.9, KHC, Kasperske Hory 78.99 330, P, P, 22 24 50.0 +2.8, HFS, Hagfors 79.50 330, P, P, 22 24 48.3 -1.6, MOX, Moxa 79.31 320, eP, P, 22 24 58.0 +3.6, GRA1, Grafenberg Arr 79.56 319, P, P, 22 24 56.0 +0.3, GRA2, Grafenberg Arr 79.56 319, P, P, 22 24 56.0 +0.3, NB2, NORSAR Subarra 79.82 331, P, P, 22 24 56.3 -0.6, NOA, NORSAR Array B 79.82 331, P, P, 22 24 55.7 -1.1, NOA, NORSAR Array B 79.82 331, b=93, slow=5.5, SNR=8.2, P, P, 22 24 55.7 -1.1, DOVAX, Davos 80.48 316, P, P, 22 25 00.5 -0.2, LPGA, La Plagne 82.71 315, eP, P, 22 25 13.8 +1.5, E5M, E5M Mountai 91.66 22, P, P, 22 25 56.3 +1.1, ILA, Inlari Array 94.78 22, P, P, 22 26 10.4 +0.9, INK, Inuvik 97.04 16, P, P, 22 26 21.4 +1.7, INK, Inuvik 97.04 16, b=265, slow=6.4, SNR=5.4, P, P, 22 26 21.4 +1.7

Table with columns: NVAR, Mina Array Bea 124.94 31, PKP, PKPdf, 22 31 49.8 +2.1, PDAR, Pinedale Array 125.21 21, PKP, PKPdf, 22 31 49.6 +1.6, TXAR, Lajitas Array 139.26 24, PKP, PKPdf, 22 32 16.2 +1.3, TXAR, Lajitas Array 139.26 24, PKP, PKPdf, 22 32 16.2 +1.3, PLCA, Paso Flores 144.51 200, PKP, PKPdf, 22 32 24.3 +0.6, LPAZ, Lajitas Array 160.79 242, PKP, PKPab, 22 32 50.3 -4.2

IDC 26:22:18:26.4±1.3, 7.62N-93.86E, mb4.0/8, mb1 4.2/9, mb1mx4.0/19, mbmp4.0/9, ML4.0/1, Error ellipse: s-maj=4.1, 9km s-min=28.3km az=49.0
NEIC 26:22:18:31.2±0.8, 7.68N-93.94E, h30km, mb4.3/2, Error ellipse: s-maj=17.1km s-min=14.4km az=112.0
ISC 26:22:18:29.4±1.0, 7.7N, 0.1-94.1E, 0.1, h30km, n23, c092/23, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, CMAR, Chiang Mai Arr 11.70 23, eP, P, 22 21 16.1 -1.4, CMAR, Chiang Mai Arr 11.70 23, Pn, P, 22 21 18.1 +0.6, JIRN, Jiri 21.24 340, eP, P, 22 23 15.7 +0.4, PKI, Pulchoki 21.43 338, eP, P, 22 23 19.1 +1.9, DMN, Dama 21.50 337, eP, P, 22 23 19.9 +1.2, KKN, Kakan 21.67 338, eP, P, 22 23 19.4 -0.3, LSA, Lasa 22.08 353, eP, P, 22 23 23.8 +0.1, GKN, Gorkha 22.11 337, eP, P, 22 23 23.7 -0.3, KOLN, Koldana 22.22 335, eP, P, 22 23 26.7 +0.6, SONM, Songoing Array 41.36 13, P, P, 22 26 14.3 0.0, KURK, Kurchatov 44.78 346, eP, P, 22 26 41.6 -0.6, ZAL, Zalesovo 46.73 352, P, P, 22 26 57.4 -0.2, WRA, Warramunga Arr 48.18 125, P, P, 22 27 10.1 +0.7, CHKZ, Chkalovo 49.56 342, eP, P, 22 27 20.2 0.0, BRTR, Keskin Array B 62.52 311, P, P, 22 28 50.5 -2.3, FINES, Finess Array B 72.97 332, P, P, 22 29 56.8 -0.4, KAF, Kangasniemi 72.94 333, eP, P, 22 29 56.4 -1.2, GERES, GERES Array B 77.94 318, P, P, 22 30 27.5 +1.2, HFS, Hagfors 78.50 330, P, P, 22 30 29.7 0.0, MOX, Moxa 79.34 320, eP, P, 22 30 30.9 -3.9, NB2, NORSAR Subarra 79.88 331, P, P, 22 30 36.8 +0.2, NOA, NORSAR Array B 79.88 331, P, P, 22 30 36.4 -0.2, NOA, NORSAR Array B 79.88 331, b=229, slow=5.2, SNR=5.7, P, P, 22 30 36.4 -0.2

IDC 26:22:18:46.0±5.6, 8.37N-93.61E, mb4.1/9, mb1 4.3/10, mb1mx4.1/19, mbmp4.1/10, ML4.1/1, Error ellipse: s-maj=148.0km s-min=28.8km az=135.0
NEIC 26:22:18:46.9±2.7, 7.87N-94.09E, h30km, mb4.5/1, Error ellipse: s-maj=68.3km s-min=15.4km az=135.0
ISC 26:22:18:47.0±5.8, 8.2N, 0.4-93.9E, 0.4, h30km, n16, c087/16, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, CMAR, Chiang Mai Arr 11.33 25, eP, P, 22 21 29.2 -0.9, CMAR, Chiang Mai Arr 11.33 25, Pn, P, 22 21 30.4 +0.3, LSA, Lasa 21.57 353, eP, P, 22 23 39.9 +3.6, SONM, Songoing Array 40.92 13, P, P, 22 26 28.8 +0.5, KURK, Kurchatov 44.26 346, eP, P, 22 26 54.8 -0.8, ZAL, Zalesovo 46.22 353, P, P, 22 27 12.2 +1.0, CHKZ, Chkalovo 49.12 342, eP, P, 22 27 34.1 +0.3, KMBO, Kilima Mbogo 57.24 263, P, P, 22 28 35.0 +0.5, KMBO, Kilima Mbogo 57.24 263, P, P, 22 28 35.0 +0.4, BRTR, Keskin Array B 62.52 311, P, P, 22 29 06.2 -1.2, FINES, Finess Array B 72.94 332, P, P, 22 29 11.4 -0.3, ARCES, ARCES Array B 74.91 340, P, P, 22 30 27.2 +0.6, ARCES, ARCES Array B 74.91 340, b=93, slow=5.5, SNR=4.2, P, P, 22 30 27.2 +0.6, GERES, GERES Array B 77.45 318, P, P, 22 30 42.2 +0.9, HFS, Hagfors 78.08 330, P, P, 22 30 43.6 -0.9, NOA, NORSAR Array B 79.36 331, P, P, 22 30 50.6 -0.8, NOA, NORSAR Array B 79.36 331, b=94, slow=5.4, SNR=5.4, P, P, 22 30 50.6 -0.8

IDC 26:22:22:56.5±3.1, 8.21N-93.36E, mb4.0/8, mb1 4.2/9, mb1mx4.0/20, mbmp4.0/9, ML3.9/1, Error ellipse: s-maj=79.0km s-min=39.0km az=139.0
ISC 26:22:22:56.7±2.2, 7.6N, 0.2-94.1E, 0.2, h33km, n16, c093/15, mb4.2/14, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, CMAR, Chiang Mai Arr 11.79 23, Pn, P, 22 25 43.3 -0.3, JIRN, Jiri 21.35 340, eP, P, 22 27 40.0 -1.3, PKI, Pulchoki 21.54 339, eP, P, 22 27 43.6 +0.4, DMN, Dama 21.68 338, eP, P, 22 27 45.8 +1.2, KKN, Kakan 21.78 338, eP, P, 22 27 45.9 +0.3, GKN, Gorkha 22.22 335, eP, P, 22 27 48.9 -1.0, KOLN, Koldana 22.23 337, eP, P, 22 27 52.9 +0.9, SONM, Songoing Array 41.46 12, P, P, 22 30 40.3 +0.3, ZAL, Zalesovo 46.84 352, P, P, 22 31 23.3 +0.1, BRTR, Keskin Array B 62.61 311, P, P, 22 33 15.3 -2.9, MLR, Monteale Rosu 69.26 316, P, P, 22 34 01.7 +0.0, FINES, Finess Array B 72.97 332, P, P, 22 34 21.1 -1.4, GERES, GERES Array B 77.85 318, P, P, 22 34 52.1 +0.4, HFS, Hagfors 78.71 330, P, P, 22 34 55.3 +0.2, NOA, NORSAR Array B 79.96 331, P, P, 22 35 03.1 +1.0, PLCA, Paso Flores 144.26 200, PKP, PKPdf, 22 32 35.7 +0.7

IDC 26:22:23:25.3±1.6, 7.41N-93.66E, mb4.1/6, mb1 4.3/6, mb1mx3.9/18, mbmp4.1/6, Error ellipse: s-maj=143.0km s-min=29.4km az=47.0, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, WRA, Warramunga Arr 48.38 125, P, P, 22 32 09.1 -2.2, FINES, Finess Array B 72.90 332, P, P, 22 34 55.9 -2.0, ARCES, ARCES Array B 75.54 340, P, P, 22 35 11.8 -1.4, GERES, GERES Array B 77.85 318, P, P, 22 35 24.5 -1.9, HFS, Hagfors 78.61 330, P, P, 22 35 29.5 -0.9, NOA, NORSAR Array B 79.90 331, P, P, 22 35 35.7 -1.7

26d 22h

Table with columns for station code, name, frequency, and other details. Includes stations like BVAR, BRVK, CHKZ, ASPA, etc.

2005 JAN

Table with columns for station code, name, frequency, and other details. Includes stations like RES, PMSA, MNV, etc.

862

Table with columns for station code, name, frequency, and other details. Includes stations like BJI, BJA, BJB, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ILAR, FIB, KDAK, INK, RES, DAWY, DBIC, YKA, YKA, YKA, OCWA, SCHQ, FFC, NEW, COR, HUMO, MSO, YBH, BMO, WDC, MOD, PMSA, DGMT, WYOR, HOPS, HLID, LAO, LKWK, BMN, TPAW, SNOW, CMB, SAO, AHID, NVAR, MNV, BW06, PDAR, HWUT, RSSD, TPH, DAC, SADO, MVU, MSU, NEN, ISCO, PV10, JFWS, PFO, PV01, AAM, RCBR, SSSA, ACSO.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ANMO, ANMO, ANMO, CBN, TUC, CCM, WCI, BLA, AMTX, WMOK, WWT, MNTX, MIAR, MYNC, OXF, GOGA, NHSC, LTX, TXAR, LRL, JCT, NATX, HKT, TROA, DWPE, PLCA, PLCA, SJG, SJG, SDV, SAML, LVC, LPAZ, LPAZ, LPAZ, LPAZ, JTS, OTAV, NNA, PAYG, GVD, KYTH, VAM, YAM, IDI, IDI, IDI, KYTH, VLT, NPS, SNT, SANT, NAIG, APE, MGER, PTL, KARP, MPAR, LKR, EVR, NEO, BRTR, MLR.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like EIL, ASF, BOJS, CRES, VRAC, GERES, KHC, AKASO, HFS, ZAL, IDC, CMAR, LSA, SONM, ZAL, WRA, BVAR, BRVK, MAT, MAT, CHKZ, BRTR, FINES, HFS, NOA, IDC, CMAR, SONM, ZAL, WRA, KMBO, FINES, GERES, HFS, PDAR, PLCA, BUJ, IDC, CMAR, HYB, KMI, JIRN, PKI, DMN, KKN, LSA, LSA, GKN, KOLN, NDI, WMQ, SONM, ZAL, WRA, BVAR, ASAR, KMBO, BRTR, AKASO, MLR, JFWS, KAF, GERES, HFS, GRA1, GRF, NOA, DVAV.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warrumunga Arr, ASAR Alice Springs, FORT Forrest, etc.

26d 23h:14:11.2, 0.6, 16.29S; 73.87W, mb4.6/11, mb1.4.9/13, mb1mx4.7/19, mbtmp4.7/13, ML5.2/2, Error ellipse: s-maj=28.7km s-min=14.6km az=76.0, Putative timing error at LPAZ

BUI 26:23:14:15.2, 16.30S; 74.10W, h28km

NEIC 26:23:14:15.2, 0.3, 16.32S; 74.05W, mb4.4/4, Error ellipse: s-maj=12.4km s-min=6.3km az=60.0

NEIC Felt III at Atico

ISC 26:23:14:12.6, 3.1, 16.33S; 0.07, 74.06W, 0.07, h21km, 23km, h28km, 1.5km, mb3.3, n40, c0:96/23, mb4.5/14, 3C, Near coast of Peru

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ARE Arequipa, LVC Limon Verde, OTAV Otavalo, etc.

26d 23h:18:47.5, 1.1, 24.20N; 121.90E, mb3.7/6, mb1.3/9, mb1mx3.7/19, mbtmp3.7/6, Error ellipse: s-maj=48.4km s-min=26.3km az=71.0

TAP 26:23:18:51.4, 24.27N; 121.77E, h9km, ML4.0, TAP Felt IV at Nanau, II J at Nanshan, II J at Nioudou, I J at Neicheng, I J at Hehuanshan, I J at Sanguang, I J at Tachien

ISC 26:23:18:51.3, 0.4, 24.27N; 0.01, 121.85E; 0.03, h9km, n58, c1:06/91, mb3.6/6, 12C-2D, Taiwan

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ENA Nanau, TWD Chiawan, TWC Suao, etc.

Table with columns: TWT, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Mucha, Wufen Shan, Taipei, etc.

26d 23:39:37.2, 1.6, 7.74N; 93.93E, mb3.9/5, mb1.0/6, mb1mx3.8/18, mbtmp3.8/6, ML3.6/11, Error ellipse: s-maj=51.3km s-min=28.3km az=59.0

ISC 26:23:34:31.7, 2.7, 9.9N; 0.3, 94.2E; 0.3, h34km, 58km, n12, c0:45/12, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, etc.

26d 23:34:55.2, 0.9, 7.89N; 94.16E, mb4.0/11, mb1.4/2, mb1mx4.1/19, mbtmp4.0/12, ML4.1/1, Error ellipse: s-maj=28.5km s-min=24.3km az=60.0

NEIC 26:23:35:00.8, 2.6, 7.91N; 94.22E, h38km, 21km, mb4.4/4, Error ellipse: s-maj=21.0km s-min=13.3km az=57.0

ISC 26:23:34:57.9, 7.6, 7.9N; 0.2, 94.3E; 0.2, h34km, 52km, n26, c0:67/24, mb4.3/2, Nicobar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

TIR 26:23:38:22.5, 4.1, 25N; 20.51E, h8km, ML2.3, CSEM 26:23:38:22.0, 4.1, 25N; 20.51E, h5km, MD3.4, Error ellipse: s-maj=2.5km s-min=1.0km az=40.0

PDG 26:23:38:26.4, 0.4, 21.25N; 20.0E, h6km, 1km, NEIC 26:23:38:26.4, 0.4, 21.25N; 20.0E, h6km, MD3.0(PDG), After PDG

ATH 26:23:38:37.9, 4.0, 60N; 21.16E, h10km, MD3.4/3, ISC 26:23:38:24.1, 0.3, 41.23N; 0.03, 20.50E; 0.03, h8km, n31, c1:41/49, 9C-1D, Albania

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like OHR Ohrid, TIR Tirane, QSH Gafa e Shtames, etc.

26d 23:39:38.5, 1.0, 7.75N; 93.93E, mb3.9/8, mb1.4/0/9, mb1mx3.9/18, mbtmp3.9/8, ML4.0/1, Error ellipse: s-maj=43.7km s-min=21.3km az=54.0

NEIC 26:23:39:43.0, 0.8, 7.78N; 94.01E, h30km, mb4.0/2, Error ellipse: s-maj=26.9km s-min=15.1km az=71.0

ISC 26:23:39:41.9, 0.9, 7.8N; 0.1, 94.2E; 0.2, h30km, n18, c1:50/17, mb4.1/15, Nicobar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, etc.

MOS 26:23:43:25.4, 0.9, 5.37N; 94.33E, h33km, mb5.2/49, Error ellipse: s-maj=10.1km s-min=5.7km az=110.6

BUI 26:23:43:26.1, 5.08N; 94.30E, h63km, mb5.3, mb5.3, Ms4.9, Ms2.5

ISC 26:23:43:28.7, 0.6, 5.40N; 94.34E, h45km, 5km, mb4.6/27, mb1.4/6/28, mb1mx4.6/29, mbtmp4.6/28, ML5.0/1, Ms4.0/1, Ms1.4/0.1, m1mx2.9/22, Error ellipse: s-maj=19.1km s-min=10.1km az=39.0, Putative timing error at LPAZ

NEIC 26:23:43:28.7, 0.2, 5.34N; 94.33E, mb5.0/37, Error ellipse: s-maj=6.0km s-min=4.6km az=210.0

HRVD 26:23:43:28.7, 1.0, 5.07N; 94.36E, h52km, 5km, MW5.0/29, Centroid moment tensor solution, LP body waves

1.6, c20 Mantle waves: s23 c35; Half duration: 1.93; Moment tensor: Scale 10^16Nm; Ms3.6Bz; 5.7; Mw=0.69; 4.4; Mw=2.99; 5.2; Mw=0.90; 2.8; Mw=0.76; 3.4; Ms=2.62; 4.6; Best double couple: Mw4.42; 10.16; NP1: 0.344; 8.26; 1.92; NP2: 0.162; 8.64; 1.89; Principal axes: T 4.656, Plg71; N -4.61, Plg1; Azm162; P -4.192, Plg19; Azm253; nst1 refers to body waves, cutoff=50s

ISC 26:23:43:27.1, 0.3, 5.35N; 0.04, 94.39E; 0.04, h49km, h49km, 1.9km, mb3.9, n200, c0:95/199, mb5.0/80, MS4.2/3, 26C-5D, Northern Sumatra

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like NNT Nonplang, KKTK Koh Kaen, etc.

Table with columns: VKA, Yellowknife Ar, 108.80, 14, Pdif, Pdif, 23 57 48.4 +1.4, etc.

NIED 26:23:43:00, 36.70N, 141.50E, h32km, Mw3.8 Best double couple: Ms=4.6x10^14 NP1=137, delta=76, lambda=26, NP2: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 26:23:50:54.6: 1.3, 7.65N-93.87E, mb4.07, mb1 4.1/8, mb1mx3.9/19, mbtmp3.9/8, ML4.3/1, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

BUI 26:23:52:12.8, 23.57N, 103.97E, h16km, ML3.8 PLV 26:23:52:15.0: 1.6, 23.02N-104.00E, MD4.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: HWA, Hwalien, 0.33, 205, eP, Pg, 23 56 54.0 +0.8, etc.

IDC 27:00:01:06.6: 1.1, 7.49N-94.52E, mb3.9/9, mb1 4.0/10, mb1mx3.9/19, mbtmp3.9/10, ML3.8/1, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 27:00:01:06.6: 1.1, 7.49N-94.52E, mb3.9/9, mb1 4.0/10, mb1mx3.9/19, mbtmp3.9/10, ML3.8/1, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

JMA 27:00:03:46.2: 0.6, 25.29N-122.02E, h4km, M2.9 TAP 27:00:03:47.2: 0.6, 24.26N-122.17E, h10km, ML3.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: TWA, Wu-fen Shan, 0.81, 357, fP, Sg, 23 56 40.1 +0.8, etc.

IDC 27:00:08:38.4: 1.3, 7.65N-94.68E, mb3.9/9, mb1 4.0/10, mb1mx3.9/18, mbtmp3.9/10, ML4.3/1, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 27:00:08:38.4: 1.3, 7.65N-94.68E, mb3.9/9, mb1 4.0/10, mb1mx3.9/18, mbtmp3.9/10, ML4.3/1, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 27:00:10:05.2: 0.9, 7.71N-94.54E, h30km, mb4.2/3, Error ellipse: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FINES, GERES, HFS, NOA.

IDC 27 00:12:31.4:12.0, 13.78N-91.49W, mb3.7/2, mb1 4.0/3, mb1mx3.7/15, mbmtmp3.5/3, ML4.2/1, Error ellipse: s-maj=254.8km s-min=104.9km az=7.0, Near coast of Guatemala

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

IDC 27 00:14:14.9:1.2, 7.69N-93.88E, mb4.1/9, mb1 4.3/10, mb1mx4.1/19, mbmtmp4.1/10, ML4.3/1, Error ellipse: s-maj=40.4km s-min=26.4km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, JIRN, PKI, KKN, GKN, KOLN, SONM, KURK, ZAL, WRA, BVAR, BRTR, JOF, FINES, KAF, GERES, HFS, NB2, NOA, PLCA.

IDC 27 00:16:29.8:9.1, 18.66N-108.07W, mb3.5/4, mb1 3.9/6, mb1mx3.8/15, mbmtmp3.6/ML3.8/1, 1C, Error ellipse: s-maj=144.2km s-min=64.9km az=156.0, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TXAR, ANMO, NVAR, PDAR, YBH, YKA, SYO.

MAN 27 00:21:48.9, 10.13N-124.89E, h93km, mb3.7, ML2.4, MS1.9, 1C, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH, PLP, PLP.

CSEM 27 00:29:37.4:0.1, 67.90N-20.40E, h5km, ML2.7, Error ellipse: s-maj=4.0km s-min=2.1km az=102.0, Mining explosion

UPP 27 00:29:37.1, 67.85N-20.20E, h0km, ML2.7, Mining explosion

HEL 27 00:29:37.0:1, 67.85N-20.21E, ML1.8, ML2.7(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUA, KNU, DUNU, MASU, KIF, PAJU, ERTU, KRO, SJU, SGF, LILU, KEV, BURU, SVAU, OUL, OUL, OUL, OUL, KUA, MSF, MSF.

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

IDC 27 00:31:50.9:1.0, 7.74N-93.81E, mb3.8/10, mb1 4.0/11, mb1mx4.0/18, mbmtmp3.8/11, ML3.4/1, Error ellipse: s-maj=41.2km s-min=19.8km az=54.0

NEIC 27 00:31:55.4:0.8, 7.79N-93.91E, h30km, mb4.4/1, Error ellipse: s-maj=24.0km s-min=15.5km az=64.0

ISC 27 00:31:53.9:0.8, 7.8N-0.1, 94.1E-0.2, h30km, m22, s-min=17.0km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, SONM, SONM, ZAL, WRA, BVAR, ASAR, BRTR, FINES, ARCES, ARCES, NB2, NOA, TXAR, PLCA.

IDC 27 00:37:08.4:0.6, 7.89N-94.11E, mb4.2/14, mb1 4.3/15, mb1mx4.3/19, mbmtmp4.2/15, ML4.6/1, MS3.9/2, M1 4.0/2, ms1mx3.1/27, Error ellipse: s-maj=26.8km s-min=14.2km az=56.0

BUI 27 00:37:12.6:7.55N-93.94E, h57km, mb5.4, mb4.3

NEIC 27 00:37:13.0:0.6, 7.91N-94.21E, h30km, mb4.5/3, Error ellipse: s-maj=20.7km s-min=12.7km az=64.0

ISC 27 00:37:11.5:0.5, 7.92N-0.07, 94.30E-0.09, h33km, n47, s-min=17.0km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, VIS, VIS, SHL, HYB, BLSF, JIRN, PKI, DMN, KKN, LSA, LSA, GKN, KOLN.

NEIC 27 00:45:50.5, 52.10N-170.81W, h42km, ML3.6(AEIC), After AEC

IDC 27 00:45:56.5:4.1, 52.15N-170.88W, h87km, mb3.6/10, mb1 3.8/11, mb1mx3.6/23, mbmtmp4.0/11, Error ellipse: s-maj=27.3km s-min=14.9km az=169.0

ISC 27 00:45:50.2:1.0, 52.0N-0.1, 170.77W-0.08, h48km, 8km, n26, s09130, mb3.8/10, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHPL, BHPL, POO, DDI, XAN, XAN, SONM, SONM, NWAO, ZAL, WRA, BVAR, BVAR, RAYN, ASAR, ASAR, KMB, STKA, STKA, BRTR, AKASG, JOF, JOF, KAF, ARCES, ARCES, MORC, BRG, GERES, KHC, GRA, GRA, NB2, NOA, LPA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR, PDAR, ANMO, TXAR, PLCA.

BUI 27 00:42:09.4, 6.97N-93.76E, h30km, mb4.5

NEIC 27 00:42:17.8:0.5, 7.79N-93.97E, h30km, mb4.5/6, Error ellipse: s-maj=15.1km s-min=10.1km az=61.0

IDC 27 00:42:13.4:4.4, 7.97N-94.17E, h50km, mb3.8/12, mb1 4.0/13, mb1mx3.9/19, mbmtmp4.1/13, ML4.1/1, MS3.8/1, Ms1 3.8/1, ms1mx2.8/25, Error ellipse: s-maj=28.7km s-min=17.0km az=51.0

ISC 27 00:42:17.0:0.7, 7.90N-0.10, 94.1E-0.1, h33km, m36, s0853/1, mb4.4/23, MS3.6/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, SHL, KMI, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, TGJ, AAK, SONM, SONM, KURK, ZAL, WRA, BVAR, BVAR, ASAR, ASAR, KMB, KMB, BRTR, JOF, FINES, KAF, ARCES, ARCES, KHC, HFS, NB2, NOA, LPGA, NVAR, PDAR, TXAR, PLCA.

NEIC 27 00:45:50.5, 52.10N-170.81W, h42km, ML3.6(AEIC), After AEC

IDC 27 00:45:56.5:4.1, 52.15N-170.88W, h87km, mb3.6/10, mb1 3.8/11, mb1mx3.6/23, mbmtmp4.0/11, Error ellipse: s-maj=27.3km s-min=14.9km az=169.0

ISC 27 00:45:50.2:1.0, 52.0N-0.1, 170.77W-0.08, h48km, 8km, n26, s09130, mb3.8/10, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIKO, ATKA, OKFG, MSW, NIBL, UNV, GSIG, GSTR, GSTR, GSTD, ADAG, AKGG, KIWB, KIMD, FX1, INK, YKA, PDAR, SONM, JOW, TXAR, BVAR, HFS, CMAR, WRA, ARCES, ARCES.

IDC 27 00:56:45.6:1.1, 7.66N-93.89E, mb3.8/7, mb1 4.0/8, mb1mx3.8/8, Error ellipse: s-maj=56.4km s-min=21.2km az=52.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, ZAL.

Table with 5 columns: TBP, Tagbilaran, 212 2580, eP, Pn, 02 38 26.2, 0.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: FINES, FINESS Array B, 72.56 332, P, 02 59 37.3, -1.3

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: ZAL, Zalesovo, 46.62 352, P, 02 59 38.0, +2

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BVAR Borovoye Array, KMBO Kilima Mbogo, etc.

CSEM 27 03:05:56.3.0.2, 37.98N-25.95W, h6km, ML2.9, Error ellipse: s-maj=13.6km s-min=3.1km az=34.0, After PDA PDA 27 03:05:56.3.1.1, 37.98N-25.95W, h6km, 3km, MD2.9, ML2.9, Error ellipse: s-maj=6.0km s-min=1.1km az=34.0 SVSA 27 03:05:56.3.1.1, 37.98N-25.95W, h6km, 3km, MD2.9, ML2.9, Error ellipse: s-maj=6.0km s-min=1.1km az=34.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SET4 Mosteiros, SET2 Ginetes, PFET Feteiras, PSAN Santo Antonio, PSET Sete Cidades, etc.

GUC 27 03:08:10.3.0.9, 22.46S-69.93W, h88km, 17km, MD3.5, ML2.9, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, ANCH Antofagasta, SPCH San Pedro de A, etc.

IDC 27 03:09:16.5.1.7, 8.92N-93.01E, mb3.7/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.7/5, ML4.3/1, Error ellipse: s-maj=50.6km s-min=28.8km az=62.0 IDC 27 03:09:22.9.1.4, 9.0N-2.93E, 0.2, h33km, n11, c093/11, mb3.7/4, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 27 03:09:39.8.1.1, 9.28N-92.76E, mb3.9/9, mb1 4.1/10, mb1mx4.0/18, mbtmp3.9/10, ML3.8/1, Error ellipse: s-maj=30.5km s-min=26.7km az=46.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, NDI New Delhi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, SONM Zalesovo, ZAL Zalesovo, etc.

IDC 27 03:14:37.8.3.1, 8.28N-93.56E, mb3.9/3, mb1 4.1/4, mb1mx3.6/18, mbtmp3.9/4, ML4.3/1, Error ellipse: s-maj=91.0km s-min=50.0km az=120.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, GERES GERRSS Array B, etc.

CSEM 27 03:15:33.1.0.8, 37.75N-43.90E, h5km, MD3.8, Error ellipse: s-maj=20.8km s-min=3.7km az=95.0 ISK 27 03:15:33.1.0.8, 37.75N-43.89E, h8km, MD3.8, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HKR Hakkari, VANT Van, TVAN Van, etc.

MAN 27 03:15:35.9, 9.29N-126.25E, h16km, mb4.4, ML3.3, MS3.2, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, MSLP Maasin, BUKP Musuan, etc.

IDC 27 03:17:17.0.6, 8.01N-94.17E, mb4.2/15, mb1 4.4/16, mb1mx4.4/19, mbtmp4.2/16, ML4.4/1, MS4.0/8, Ms1 4.0/8, ms1mx3.6/29, Error ellipse: s-maj=28.5km s-min=15.4km az=52.0 BJI 27 03:17:20.8, 7.77N-93.67E, h43km, mb4.6, mb4.5, Ms4.7, Ms2.5 MOS 27 03:17:21.1.1.1, 8.08N-94.24E, h33km, mb4.6/18, Error ellipse: s-maj=19.5km s-min=10.0km az=104.9 NEIC 27 03:17:21.9.0.4, 7.91N-94.04E, h30km, mb4.6/10, Error ellipse: s-maj=13.5km s-min=8.9km az=66.0 IDC 27 03:17:17.9.2.1, 8.00N-0.06-94.24E, 0.07, h13km, 13km, n85, c116/81, mb4.6/31, MS4.2/8, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VIS Vishakhapatnam, VIS Chennai, MDRS Chennai, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NGP Nagpur, JIRN Jiri, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAD Karad, LSA Lhasa, LSA Lhasa, etc.

IDC 27 03:25:08.9.1.4, 8.00N-94.19E, mb3.7/7, mb1 3.9/8, mb1mx3.8/19, mbtmp3.7/8, ML4.4/1, Error ellipse: s-maj=33.8km s-min=31.1km az=71.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ENH Enshi, AAK Ala-Archa, AAK Ala-Archa, etc.

WARRAMUNGA ARR 48.25 126 P P 03 26 01.1 +0.3 WRA Warramunga Arr 48.25 126 P P 03 26 01.1 +0.3 WRAB Tennant Creek 48.25 126 eP P 03 26 00.9 +0.1 WRAB Tennant Creek 48.25 126 eP P 03 26 00.9 +0.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAF Jabal Asfar, CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array B, AKASG Malin Array B, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OBN Obninsk, OBN Obninsk, OBN Obninsk, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, etc.

AKASG Malin Array B 68.12 322 P P 03 28 18.6 -1.0 AKASG Malin Array B 68.12 322 P P 03 28 18.6 -1.0 AKASG Malin Array B 68.12 322 P P 03 28 18.6 -1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array.

27d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMA, INK, NVAR, PDAR, PDAR, LITAX, PLCA.

NIED 27 03:56:00.27.40N,141.20E,h185km,MV5.0 Best double couple: Mo3.78x10^16 NP1.90x20^2, delta69, lambda134. NP2: delta20, delta8, lambda29.

BUI 27 03:56:42.8,27.20N,140.40E,h174km,mB5.0,mb5.0 NEIC 27 03:56:42.9,0.2,27.22N,140.44E,mb4.9/5.6, MV5.0(NIED), Error ellipse: s-maj=5.6km s-min=4.0km az=94.0.

HRVD 27 03:56:42.8,0.5,27.22N,140.84E,h201km,4km MV5.2/4.5, Centroid moment Tensor Solution. LP body waves: s18,c24; Mantle waves: s45,c74; Half duration: 0 Moment tensor: Scale 10^16Nm; Mw:1.90; +/-35; Mw:2.87; +/-34; Mw:0.97; +/-34; Mw:4.80; +/-30; Mw:3.83; +/-30; Mw:0.98; +/-32; Best double couple: Mo:6.705x10^16 NP1: phi:19, delta:0, lambda:17. NP2: delta:276, delta:880, lambda:128. Principal axes: T:6.518, Plg42; Azm222; N:375, Plg38; Azm88; P:6.892, Plg25; Azm337; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ICD 27 03:56:43.2,0.5,27.20N,140.60E,h180km,4km,mb4.5/24,mb1.4,6/27,mb1mx4,6/29,mb1tmp5,0/27,MS3,4/1,ms1.3/4,ms1mx2,4/25, Error ellipse: s-maj=9.7km s-min=7.5km az=77.0, Putative timing error at LPAZ.

MOS 27 03:56:44.3,1.1,27.27N,140.44E,h205km,mb4.9/4.1, Error ellipse: s-maj=10.3km s-min=5.1km az=97.7 JMA 27 03:56:45.0,1.1,27.38N,141.21E,h200km,4km,MS.4 JMA Felt 1 J1.

ISC 27 03:56:43.6,0.2,27.19N,140.02,140.57E,0.04,h196km,h196km,2.7km;p-P,n293,r136/312,mb4.8/7,13C-12D,

Bonin Islands region

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

2005 JAN

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

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

BVAR	comp=Z,5.4nm,0.6s,baz=90,slow=7.4,SNR=4.0	ScP			04 10 40.7
BRVK	comp=Z,3.7nm,0.8s,baz=106,slow=4.6,SNR=4.9	P			04 06 10.1 -1.0
BRVK	Borovoye 57.06 317 eP	P			04 06 10.1 -1.0
BRVK	comp=Z,34nm,0.9s,mb5.0	P			
BRVK	Borovoye 57.06 317 eP	P			04 06 10.1 -1.0
BRVK	comp=Z,34nm,0.9s,mb5.0	P			
PMR	Palmer 57.13 32 eP	P			04 06 10.8 -0.7
MCK	McKinley 57.36 30 e	P			04 06 12.5 -0.6
MCK		e			04 07 00.3 +2.4
MCK	comp=Z,4.1nm,1.3s,mb4.9	P			
MCK	McKinley 57.36 30 eP	P			04 06 12.5 -0.5
MCK	comp=Z,4.1nm,1.3s,mb4.9	e			
MCK		e			04 07 00.3 +2.4
SML	Sawmill 57.52 32 eP	P			04 06 13.7 -0.5
COCO	West Island 57.73 233 eP	P			04 06 13.8 -2.4
COLA	Colleges 57.92 29 iP	P			04 06 17.3 +0.4
COLA	College 57.92 29 eP	P			04 06 16.8 -0.1
ILAR	Eielson Array 58.32 29 P	P			04 06 18.2 -1.5
ILAR		eP			04 07 06.6 +1.9
ILAR	comp=Z,8.0nm,0.9s	P			
ILAR		P			
ILAR	comp=Z,26nm,1.0s	P			
ILAR	Eielson Array 58.32 29 P	P			04 06 18.2 -1.5
ILAR	comp=Z,8.2nm,0.8s,mb4.4,baz=273,slow=5.7,SNR=67	P			04 07 06.6 -1.8
STKA	comp=Z,26nm,1.0s,baz=264,slow=5.9,SNR=7.0	P			
STKA	Stephens Creek 58.74 179 iP	P			04 06 21.9 -1.2
STKA	comp=Z,14nm,0.6s,mb4.8	P			
STKA	Stephens Creek 58.74 179 P	P			04 06 22.3 -0.8
STKA	comp=Z,14nm,0.6s,mb4.8,baz=358,slow=6.6,SNR=46	P			04 07 08.7 -1.9
STKA		P			
FORT	comp=Z,12nm,0.8s,baz=338,slow=5.5,SNR=5.7	P			
FORT	Forrest 58.87 193 eP	P			04 06 23.6 -0.4
FORT	comp=Z,434nm,0.8s	P			
MENT	Mentasta 59.69 31 eP	P			04 06 29.6 +0.5
DAWY	Dawson 61.58 30 eP	P			04 06 41.8 0.0
DAWY		eP			04 07 30.6 +3.2
DAWY		eP			04 06 43.0 -0.3
AFI	Afiamalau 61.70 125 eP	P			
AFI		P			
AFI	comp=Z,56nm,0.8s,mb5.2	P			
AFI	Afiamalau 61.70 125 eP	P			04 06 43.0 -0.3
KLBR	Kellerberrin 62.77 202 eP	P			04 06 47.2 -0.4
KLBR	comp=Z,539nm,1.2s	P			
CNB	Canberra Magne 62.72 172 eP	P			04 06 49.4 -0.5
ARU	Arti 63.46 322 eP	P			04 06 53.6 -0.8
ARU	comp=Z,424nm,0.6s,SNR=17	P			
ARU	Arti 63.46 322 iP	P			04 06 47.1 -7.3
ARU		eS			04 15 06.1 -3.9
ARU		P			
INK	Inuvik 63.54 24 eP	P			04 06 53.9 -0.8
INK		eP			04 07 41.6 +1.1
INK		P			
INK	comp=Z,35nm,0.9s	P			
INK	Inuvik 63.54 24 eP	P			04 06 54.0 -0.8
INK	comp=Z,14nm,0.4s,mb4.9,baz=291,slow=6.2,SNR=93	P			
INK	Inuvik 63.54 24 eP	P			04 06 53.9 -0.8
INK	comp=Z,35nm,0.9s,mb5.0	P			
NWAO	Narrogin (SRO) 63.77 202 eP	P			04 07 41.6 +1.1
NWAO		P			04 06 56.9 +0.1
NWAO	comp=Z,23nm,0.9s	P			
NWAO	Narrogin (SRO) 63.77 202 eP	P			04 06 56.9 +0.1
NWAO	comp=Z,22nm,0.9s,mb4.8,baz=20,slow=7.6,SNR=10.0	P			
NWAO	Narrogin (SRO) 63.77 202 eP	P			04 06 56.4 -0.4
NWAO	comp=Z,63nm,1.3s,mb5.1	P			
NWAO		e			04 07 06.5
TOO	Tooolangi 64.58 176 eP	P			04 07 02.1 +0.2
TOO	comp=Z,1.3nm,1.0s	P			
TOO	Tooolangi 64.58 176 eP	P			04 07 02.1 +0.2
TOO		P			
TAU	Tasmania Unive 70.03 175 eP	P			04 07 35.4 -0.4
TAU	comp=Z,23nm,0.9s,mb4.8	P			
TAU	Tasmania Unive 70.03 175 eP	P			04 07 35.4 -0.4
TAU	comp=Z,23nm,0.9s,mb4.8	P			
APA	Apaitity 71.41 337 iP	P			04 07 41.3 -2.3
APA		i			04 08 26.0 -4.4
APA		P			
APA		P			
RES	Resolute Bay 72.31 13 eP	P			04 07 48.5 -0.4
RES	comp=Z,40nm,1.1s,mb5.0	P			
RES	Resolute Bay 72.31 13 eP	P			04 07 48.5 -0.4
RES	comp=Z,40nm,1.1s,mb5.0	P			
KEY	Kevo 72.41 340 eP	P			04 07 48.8 -0.8
YKW3	Yellowknife Ar 72.71 28 eP	P			04 08 40.7 -0.7
YKA	Yellowknife Ar 72.74 28 P	P			04 07 51.0 -0.6
YKA		P			
YKA	comp=Z,2.1nm,0.8s	P			
YKA		P			
YKA	comp=Z,3.0nm,0.8s	P			
YKA	Yellowknife Ar 72.74 28 P	P			04 07 51.0 -0.5
YKA	comp=Z,2.1nm,0.8s,mb4.8,baz=29,slow=5.9,SNR=97	P			
YKA		P			
YKA	comp=Z,2.9nm,0.8s,baz=295,slow=6.1,SNR=2.3	P			04 08 33.8 -4.7
YKA	Yellowknife Ar 72.74 28 P	P			04 07 51.0 -0.5
YKA		P			
YKA		P			
ARCES	ARCESS Array B 72.98 341 P	P			04 07 52.5 -0.3
ARCES	comp=Z,6.0nm,0.6s	P			
ARCES	ARCESS Array B 72.98 341 P	P			04 07 52.5 -0.3
ARCES	comp=Z,6.3nm,0.6s,mb4.5,baz=71,slow=8.1,SNR=44	P			
ARCES	ARCESS Array B 72.98 341 P	P			04 07 52.5 -0.4
ARCES	ARCESS Array B 72.98 341 P	P			04 07 52.5 -0.3
URZ	Urewera 73.56 151 P	P			04 07 55.0 -1.9
URZ	comp=Z,6.2nm,0.5s,mb4.5,baz=184,slow=1.4,SNR=6.9	P			
KTK1	Kauteokino 73.94 341 eP	P			04 07 59.1 +0.7
KTK1		Amb			04 08 18.7
JOF	Joensuu 74.36 333 eP	P			04 07 59.2 -1.7
JOF	comp=Z,12nm,0.3s,mb5.0	P			
JCW	Jim Creek 74.94 43 P	P			04 08 05.8 +1.2
DAG	Danmarks Havn 75.49 355 iP	P			04 08 06.2 -1.0
DAG		P			
DAG	comp=Z,4.0nm,1.1s,mb4.0	P			
DAG	Danmarks Havn 75.49 355 iP	P			04 08 06.2 -1.0
DAG	comp=Z,3.8nm,1.1s,mb3.9	P			
DAG	Danmarks Havn 75.49 355 iP	P			04 08 06.2 -1.0
DAG	comp=Z,3.8nm,1.1s,mb3.9	P			
DAG	Danmarks Havn 75.49 355 iP	P			04 08 57.0 +2.6
DAG	comp=Z,4.8nm,0.7s	P			
OBN	Obninsk 75.63 325 iP	P			04 08 50.3 -3.0
OBN		P			
OBN	comp=Z,39nm,1.0s,mb5.0	P			
RPZ	Rata Peaks 75.90 156 P	P			04 08 08.6 -1.5
RPZ	comp=Z,27nm,0.9s,mb4.8,baz=37,slow=3.2,SNR=11	P			
NAC	Naches 76.22 44 P	P			04 08 13.1 +1.3
EBG	Ellensburg 76.31 44 P	P			04 08 13.6 +1.4
WTV	Waterville 76.35 43 P	P			04 08 13.0 +0.6
MXC	Moxie City 76.62 44 P	P			04 08 15.3 +1.3
KAF	Kangasniemi 76.76 334 eP	P			04 08 12.9 -1.5
KAF	comp=Z,7.9nm,0.4s,mb4.7,baz=55,slow=5.3	P			
KAF	Kangasniemi 76.76 334 eP	P			04 08 12.9 -1.5
KAF		P			
KIV	Kislovodsk 76.93 313 eP	P			04 08 15.6 -0.1
KIV		e			04 08 29.2
KIV		P			
KIV	comp=Z,5.1nm,1.0s	P			
KIV	Kislovodsk 76.93 313 eP	P			04 08 15.6 -0.2
KIV	comp=Z,5.1nm,1.0s,mb5.1	P			
KIV		P			
YBH	Yreka Blue Hor 77.10 50 P	P			04 08 18.2 +1.5
YBH	comp=Z,6.0nm,0.7s	P			
YBH	Yreka Blue Hor 77.10 50 P	P			04 08 18.2 +1.5
YBH	comp=Z,6.1nm,0.7s,mb4.3,baz=313,slow=2.4,SNR=14	P			
FINES	FINES Array B 77.22 333 P	P			04 08 16.7 -0.3
FINES		P			04 09 01.5 -2.9
FINES		P			
FINES	comp=Z,1.1nm,0.3s	P			
FINES		P			
FINES	comp=Z,2.0nm,0.4s	P			
FINES	FINES Array B 77.22 333 P	P			04 08 16.7 -0.2
FINES	comp=Z,1.1nm,0.3s,mb4.9,baz=73,slow=4.8,SNR=103	P			

FINES	comp=Z,1.6nm,0.4s,baz=69,slow=5.7,SNR=1.0	P			04 09 01.5 -2.9
FINES	FINES Array B 77.22 333 P	P			04 08 16.7 -0.2
FINES	FINES Array B 77.22 333 P	P			04 09 01.5 -2.9
EDM	Edmonton 77.60 36 eP	P			04 08 19.2 0.0
EDM		P			04 08 5.5 +1.8
NEW	Newport 77.81 42 eP	P			04 08 21.0 +0.6
NEW		eP			04 09 10.0 +2.0
NEW	comp=Z,25nm,0.9s	P			
NEW	Newport 77.81 42 eP	P			04 08 21.0 +0.5
NEW	comp=Z,25nm,0.9s,mb4.8	P			
NEW		e			04 09 04.3 -3.7
NEW		eP			04 09 10.0 +2.0
MOR8	Moi Rana 78.35 340 eP	P			04 08 21.5 -1.5
MOR8		P			04 08 16.1 +1.6
SOC	Sochi 79.02 313 eP	P			04 08 25.3 -1.9
SOC		e			04 11 32.1
SOC		ePPP			04 12 24.1 +2.7
SOC		eS			04 18 12.9 +4.8
SOC	comp=Z,38nm,1.1s,mb4.9	P			
SOC		P			
SOC	comp=N,42nm,1.3s	P			
SOC		P			
BMO	Blue Mountains 79.26 45 eP	P			04 08 29.2 +0.9
BMO		eP			
BMO	comp=E,21nm,1.1s,mb4.7	P			
BMO	Waterton Lakes 79.31 40 eP	P			04 09 10.9
BMO		eP			04 08 29.9 +1.3
BMO	comp=E,20nm,0.8s,mb4.8	P			
WALA	Wild Horse Val 79.51 48 eP	P			04 09 14.0 -2.3
WVOR	Wild Horse Val 79.51 48 eP	P			04 08 30.7 +0.9
WVOR	comp=Z,4.0nm,0.8s,mb4.1	P			
WVOR	Wild Horse Val 79.51 48 eP	P			04 08 30.7 +0.9
WVOR	comp=Z,3.9nm,0.8s,mb4.1	P			
WVOR		eP			04 09 13.9 -3.6
ANN	Anapa 79.92 315 eP	P			04 08 31.6 -0.3
ANN		P			
ANN	comp=Z,91nm,1.0s,mb5.4	P			
NSS	Namsos 80.24 340 eP	P			04 08 31.6 -1.6
NSS	Columbia Colle 80.31 52 eP	P			04 08 34.3 +0.1
NSS		P			04 09 20.3 -1.7
CMB	Columbia Colle 80.31 52 eP	P			04 08 34.3 +0.1
CMB	comp=Z,1.1nm,1.0s,mb4.4	P			
CMB		P			
CMB	comp=Z,1.1nm,1.0s,mb4.5	P			
CMB		e			04 08 44.7
CMB		eP			04 09 20.3 -1.8
NVAR	Minna Array Bay 81.59 51 P	P			04 08 41.8 +0.9
NVAR	comp=Z,3.8nm,0.6s,mb4.2,baz=300,slow=3.9,SNR=19	P			
NVAR		P			
NVAR	comp=Z,2.6nm,0.7s,baz=304,slow=5.9,SNR=3.6	P			04 09 25.2 -3.6
AKASG	Main Array B 81.68 323 P	P			04 08 39.6 -1.4
AKASG		P			
AKASG	comp=Z,4.0nm,0.4s	P			
AKASG	Main Array B 81.68 323 P	P			04 08 39.6 -1.4
AKASG	comp=Z,3.8nm,0.4s,mb4.4,baz=48,slow=6.1,SNR=31	P			
HLID	Hailey 81.70 45 eP	P			04 08 42.6 +1.3
HLID	comp=Z,9.5nm,1.0s,mb4.4	P			
HLID		eP			04 09 26.0 -3.3
SIM	Simferopol' 81.90 317 eP	P			04 08 43.0 +0.7
SIM		P			
SIM	comp=Z,20nm,0.8s,mb4.8	P			
MCMT	McKenzie Canyo 82.05 44 eP	P			04 08 44.2 +1.2
MALT	Malatya 82.34 309 eP	P			04 08 46.3 +1.6
MALT		P			04 08 45.3 +0.6
FCC	Fin Filon 82.42 31 P	P			
FCC	comp=Z,104nm,0.8s,mb5.5,SNR=14	P			
TPH	Tonopah 82.51 51 P	P			04 08 47.8 +2.3
TPH		P			
TPH	comp=Z,7.0nm,1.0s,mb4.3	P			
TPH	Tonopah 82.51 51 P	P			04 08 47.8 +2.3
TPH	comp=Z,6.9nm,1.0s,mb4.3	P			
TPH		e			04 09 29.8
SUW	Suwalki 82.81 328 eP	P			04 08 46.4 -0.4
QLMT	Earthquake Lak 82.91 43 eP	P			04 08 49.3 +1.8
QLMT		P			

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ACSO Alum Creek Sta, ANMO Albuquerque, TUC Tucuman, etc.

MAN 27 04:00:43.9, 11.05N, 126.05E, h342km, mb4.4, ML3.2, MS3.0, Philippine Islands region

MOS 27 04:01:18.0, 1.5, 36.54N, 70.64E, h201km, mb3.8/4, Error ellipse: s-maj=18.8km s-min=8.5km az=86.6

BUI 27 04:01:18.2, 36.53N, 70.69E, h215km, mb3.7/10, IDC 27 04:01:21.1, 5.9, 36.42N, 70.84E, h221km, 52km, mb3.7/10, mb1 3.9/11, mb1mx3.7/20, mbmp4.3/11, Error ellipse: s-maj=30.6km s-min=18.1km az=73.0

NEIC 27 04:01:21.0, 5.4, 36.72N, 70.73E, h198km, 37km, mb4.0/3, Error ellipse: s-maj=86.4km s-min=31.9km az=147.0

ISC 27 04:01:18.4, 0.5, 36.48N, 0.04, 70.8E, 0.1, h207km, 8km, n51, i1905/53, mb3.9/12, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thame Wai, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CLL Collm, NOA NORSAR Array B, ESKD Sonseca Array, etc.

IDC 27 04:02:03.8, 0.8, 7.85N, 94.03E, mb4.4/16, mb1 4.5/17, mb1mx4.4/23, mbmp4.3/17, ML4.2/1, MS4.6/1, Ms1 4.6/1, ms1mx3.6/23, Error ellipse: s-maj=29.5km s-min=20.9km az=36.0

NEIC 27 04:02:08.5, 0.4, 7.82N, 94.03E, h30km, mb4.7/4, Error ellipse: s-maj=14.7km s-min=10.9km az=69.0

ISC 27 04:02:08.2, 3.0, 7.9N, 0.1, 94.1E, 0.1, h42km, 25km, n36, i1903/28, mb4.4/19, MS4.6/1, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, AKL Aksha, etc.

BUI 27 04:02:40.8, 7.13N, 93.65E, h30km, mb5.1, mb4.8, Ms5.3, Ms24.9

IDC 27 04:02:43.4, 0.5, 7.92N, 94.24E, mb4.9/22, mb1 5.0/23, mb1mx5.0/26, mbmp4.9/23, ML4.5/1, Error ellipse: s-maj=24.5km s-min=13.0km az=47.0

MOS 27 04:02:46.7, 0.8, 0.00N, 94.31E, h33km, mb5.3/46, Error ellipse: s-maj=19.3km s-min=5.9km az=125.6

HRVD 27 04:02:47.6, 0.5, 7.89N, 94.21E, h13km, 3km, MW5.1/48, Centroid moment Tensor Solution. LP body waves: s10,c12;Mantle waves: s48,c82; Half duration: 0 Moment tensor: Scale 10^18Nm; Mr=0.71; 29; Mo=3.52; 26; Mw=4.23; 31; Mo=2.15; 97; Mo=1.80; 22; Mo=3.20; 1.30; Best double couple: Mo5.577x10^18 NPI, 144, 349; P1, 72; NP2, 53; 889; 1, 41; Principal axes: T, 6.47, 3.127; Azm106; N1, 1.78; Plg49; Azm233; P, 4, 685; Plg28; Azm1; nstai refers to body waves, cutoff=40s; nstae refers to surface waves, cutoff=50s.

NEIC 27 04:02:47.6, 0.3, 7.87N, 94.25E, h30km, mb5.2/31, Error ellipse: s-maj=14.1km s-min=7.0km az=48.0

ISC 27 04:02:47.4, 2.0, 7.86N, 0.07, 94.25E, 0.08, h42km, 17km, n176, i083/165, mb5.1/62, 5C, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, COCO West Island, etc.

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

Table with columns: WET, comp-Z, 11nm, 0.9s, mb4.8, pmax, pmax, WETZeltz, 78.46 318 eP, P, 04 14 46.3 +0.5, etc.

Table with columns: YKA, Yellowknife Ar, 106.42 14 Pdif Pdif, 04 17 00.4 +2.7, etc.

IDC 27 04:07:31.4, 1.4, 7.58N-93.90E, mb4.0/7, mb1 4.2/8, mb1mx4.0/18, mbtmp4.0/18, ML4.0/1, Error ellipse: s-maj=41.1km s-min=28.9km az=48.0

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

IDC 27 04:16:47.3, 1.2, 7.67N-93.85E, mb4.1/10, mb1 4.3/11, mb1mx4.1/20, mbtmp4.1/20, ML4.1/1, Error ellipse: s-maj=41.1km s-min=27.3km az=39.0

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

IDC 27 04:20:56.6, 0.8, 1.8N-94.40E, mb4.0/12, mb1 4.1/13, mb1mx4.0/20, mbtmp4.0/13, ML3.9/1, MS4.0/2, Ms1 4.1/2, ms1mx3.2/27, Error ellipse: s-maj=35.2km s-min=19.7km az=46.0

NEIC 27 04:21:01.3, 0.6, 8.12N-94.39E, h33km, mb4.5/6, Error ellipse: s-maj=19.0km s-min=13.6km az=72.0

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

Table with columns: NOA, NORSTAR Array B, 79.80 331 P, PKPdf, 04 33 04.8 -1.2, etc.

IDC 27 04:23:21.4, 4.8, 8.50N-93.64E, mb4.2/6, mb1 4.2/7, mb1mx3.9/19, mbtmp4.1/17, ML3.9/1, Error ellipse: s-maj=126.3km s-min=38.1km az=135.0, Nicobar

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

IDC 27 02:29:24.0, 1.4, 7.68N-94.01E, mb3.8/5, mb1 4.0/6, mb1mx3.8/19, mbtmp3.8/6, ML4.1/1, Error ellipse: s-maj=48.9km s-min=32.3km az=58.0, Nicobar Islands

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

IDC 27 04:31:54.8, 1.0, 7.90N-94.19E, mb4.1/7, mb1 4.2/8, mb1mx4.0/19, mbtmp4.1/8, ML4.3/1, Error ellipse: s-maj=31.3km s-min=28.5km az=58.0

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

IDC 27 04:38:17.0, 7.8, 7.82N-94.30E, mb4.0/7, mb1 4.2/7, mb1mx3.8/19, mbtmp4.0/7, Error ellipse: s-maj=195.6km s-min=61.7km az=142.0, Nicobar

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

BUI 27 04:38:31.7, 7.61N-93.76E, h51km, mb4.9, mb4.5, Ms4.8, Ms2.5

MOS 27 04:38:32.2, 1.4, 8.04N-94.25E, h33km, mb4.9/29, Error ellipse: s-maj=14.3km s-min=7.7km az=114.6

NEIC 27 04:38:33.0, 2.0, 4.72N-94.21E, h30km, mb4.7/14, MS4.1/1, Error ellipse: s-maj=11.6km s-min=9.3km az=48.0

IDC 27 04:38:35.3, 3.9, 8.02N-94.24E, h46km, 36km, mb4.2/22, mb1 4.3/23, mb1mx4.3/27, mbtmp4.5/23, ML4.4/1, Error ellipse: s-maj=24.3km s-min=12.6km az=48.0

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

Table with columns: PKI, DMN, KKN, LSA, LSA, LSA, GKN, KOLN, BHPL, POO, NDI, ENH, DDI, XAN, WMQ, BJI, BJI, BJI, AAK, AAK, SONM, SONM, ZAK, NWAO, NWAO, HIA, HIA, NVS, NVS, NVS, WRA, WRA, WRA, BVAR, ASAR, ASAR, BOD, GNI, GNI, SVE, KIV, KIV, KMB, KMB, KMB, ASF, YAK, YAK, YAK, STKA, BRTR, BRTR, MBAR, MBAR, MBAR, OBN, OBN, AKASG, AKASG, AKASG, IDI, MLR, MLR, MLR, JOF, FINES, FINES, FINES, KAF, KAF, ARCES, ARCES, ARCES, MORC, MORC, MORC, BILL, DPC, UPO, PRU, PVCC, BRG

Table with columns: BRG, BRG, BRG, GERES, GERES, GERES, KHC, CLL, HFS, HFS, HFS, MOX, MOX, GRF, GRF, GRF, GRF, NB2, NB2, NOA, NOA, DAVOX, LPG, LPG, EKA, EKA, ESDC, IMA, ILAR, ILAR, YKA, YKA, PPT, NVAR, PDAR, MVU, TXAR, TXAR, JCT, PLCA, PLCA, PLCA, LPZ, Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC

Table with columns: BOD, KMB, KMB, KMB, BRTR, BRTR, OBN, OBN, TIXI, TIXI, AKASG, AKASG, AKASG, IDI, MLR, MLR, MLR, JOF, FINES, FINES, FINES, KAF, KAF, ARCES, ARCES, ARCES, ARCES, GERES, GERES, GERES, KHC, HFS, HFS, HFS, NB2, NB2, NB2, NOA, NOA, NOA, NOA, DAVOX, DAVOX, LPG, LPG, LPG, IMA, ILAR, ILAR, ILAR, YKA, YKA, PPT, NVAR, PDAR, MVU, TXAR, TXAR, JCT, PLCA, PLCA, PLCA, LPZ, Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC

Table with columns: BRTR, Keskin Array B, 62.44 311 P, P, 05 01 38.9 -1.6, etc. Includes stations like Malin Array Be, MLR, JOF, FINES, KAF, ARCES, GERES, KHC, HFS, NB2, NOA, DAVOX, ILAR, NVAR, PDAR, TXAR, and PLCA.

IDC 27 04:56:09.3.0.6, 7.87N, 94.03E, mb4.5/22, mb1 4.6/23, mb1mx4.5/27, mbtmp4.4/23, ML4.1/1, Error ellipse: s-maj=34.2km s-min=13.4km az=48.0

MOS 27 04:56:12.9.1.3, 7.92N, 94.06E, h33km, mb4.8/29, Error ellipse: s-maj=15.3km s-min=7.5km az=114.9

NEIC 27 04:56:13.8.0.4, 7.81N, 94.10E, h30km, mb4.7/13, Error ellipse: s-maj=14.0km s-min=9.6km az=53.0

BUJ 27 04:56:17.4, 8.31N, 93.45E, h30km, mb5.0, mb4.6, Ms4.7, Ms2.4

ISC 27 04:56:12.7.0.4, 7.99N, 0.07, 94.21E, 0.08, h33km, n107, r=1500/94, mb4.6/43, 1D, Nicobar Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, VIS, IMP, SHL, HYB, KMI, KUNNING, etc.

Main table with columns: AKASG, Malin Array Be, 68.11 322 P, Pmax, 05 07 09.4 -1.9, etc. Includes stations like Malin Array Be, ANOYIA, Muntele Rosu, etc.

IDC 27 05:00:16.4.0.7, 7.73N, 93.85E, mb4.0/12, mb1 4.1/13, mb1mx4.1/21, mbtmp4.0/13, ML4.1/1, Error ellipse: s-maj=38.5km s-min=15.9km az=55.0

ISC 27 05:00:19.9.0.6, 7.9N, 0.1, 94.1E, 0.1, h33km, n17, r=1500/13, mb4.0/12, Nicobar Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR, SONM, NVAR, PDAR, ANMO, TXAR, PLCA, etc.

Table with columns: TXAR, Keskin Array B, 139.22 24 PKP, PKPdf, 05 19 47.1 +2.9, etc. Includes stations like Paso Flores, Warramunga Arr, etc.

IDC 27 05:02:08.4.6.0, 8.12N, 94.24E, h64km, 53km, mb3.4/5, mb1 3.7/6, mb1mx3.5/18, mbtmp3.7/6, ML3.7/1, Error ellipse: s-maj=39.1km s-min=25.0km az=39.0, Nicobar Islands region

IDC 27 05:03:10.9.0.5, 7.83N, 94.03E, mb4.7/23, mb1 4.8/24, mb1mx4.7/28, mbtmp4.7/24, ML4.8/1, Error ellipse: s-maj=26.7km s-min=12.1km az=44.0

MOS 27 05:03:14.3.1.0, 7.93N, 94.17E, h33km, mb5.0/41, Error ellipse: s-maj=12.9km s-min=6.5km az=114.4

NEIC 27 05:03:15.5.0.3, 7.79N, 94.01E, h30km, mb4.8/27, MS4.1/1, Error ellipse: s-maj=8.2km s-min=7.0km az=52.0

ISC 27 05:03:14.2.0.3, 7.88N, 0.05, 94.18E, 0.06, h33km, (h11km, 3, 9km; p-P), n165, r=093/150, mb4.8/62, MS4.0/1, 3C-10, Nicobar Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like CM31, CMAR, KMI, KUNNING, etc.

Table of meteorological data for WRA, WRAB, WRAP, etc. including station names, coordinates, and various atmospheric parameters.

Table of meteorological data for NKC, MOX, MOX, GRA1, etc. including station names, coordinates, and various atmospheric parameters.

Table of meteorological data for WRA, ASAR, BRTR, GERES, etc. including station names, coordinates, and various atmospheric parameters.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like WRAB, WB2, BVAO, and others.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like KMBO, ASF, MALT, and others.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like OKC, CASY, ARCES, and others.

Table with columns: NOA, comp, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NORSTAR Array B, Sutherland, La Plagne, etc.

ADC 27 05:50:55.6, 0.10, 7.78N-91.73E, mb4.4/17, mb1 4.6/18, mb1mx4.5/23, mbmp4.4/18, ML4.5/1, Error ellipse: s-maj=35.5km s-min=13.2km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Vishakhapatnam, Chennai, etc.

Table with columns: SNY, SS, AMB, SS, AMB, comp, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Talaya, Novosibirsk, Chkalovo, etc.

Table with columns: ILAR, comp, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Eielson Array, Inuvik, etc.

ADC 27 05:55:15.6, 0.8, 8.32N-93.91E, mb4.2/15, mb1 4.3/16, mb1mx4.2/22, mbmp4.2/16, ML3.8/1, Error ellipse: s-maj=31.4km s-min=19.4km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, LSA Lhasa, Sonm, etc.

ADC 27 05:57:37.1, 0.9, 8.0N-1.94E, 0.2, h33km, n15, e080/12, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Sonm, ASAR, etc.

ADC 27 06:01:27.6, 5.8, 8.90S-129.77E, mb4.3/1, ML3.8/2, 2D, Error ellipse: s-maj=78.4km s-min=60.1km az=116.0

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

BUI 27 06:08:03.3, 7.39N-93.85E, h30km, mb5.2, mb4.5, Ms4.7, Ms2.5
IDD 27 06:08:04.2, 0.5, 8.01N-94.25E, mb4.4/22, mb1 4.5/23, mb1mx4.5/26, mbtmp4.4/23, MS4.0/1, Ms1 4.2/1, ms1mx2.8/25, Error ellipse: s-maj=23.6km s-min=13.2km az=50.0
NEIC 27 06:08:08.0, 8.0, 2.7, 97N-94.26E, h30km, mb4.7/24, Error ellipse: s-maj=9.5km s-min=6.2km az=55.0
ISC 27 06:08:05.4, 1.7, 95N-0.07-94.24E-0.07, h22km, 28km, n77, c094/68, mb4.7/51, MS4.6/1, 1C-1D, Nicobar Islands region

TXAR Lajitas Array 139.11 24 PKHPK 06 27 27.2
 comp=2.0, 1nm, 0.5s, baz=291, slow=0.6, SNR=4.9
TXAR PKPKP 06 27 36.5
JCTA comp=2.0, 7nm, 0.6s, baz=141, slow=0.9, SNR=12
Junctn City 139.48 19 ePKPdf PKPpdf 06 27 34.2 -2.6
PLCA Paso Flores 144.66 20 PKP PKPpdf 06 27 42.4 -3.1
 comp=2.9, 4nm, 0.9s, baz=140, slow=2.2, SNR=16
PLCA Paso Flores 144.66 20 ePKPpdf PKPpdf 06 27 42.4 -3.2
PLCA La Paz 160.89 243 ePKPab PKPab 06 28 09.7
LPAZ 160.89 243 ePKPab PKPab 06 28 08.5 -4.1
 comp=2.1, 2nm, 0.8s, baz=93, slow=5.7, SNR=4.1

WRA comp=2.3, 0nm, 0.7s pmax pmax
WRA Warramunga Arr 38.02 157 P P 06 20 14.6 -1.2
 comp=2.4, 0nm, 0.6s, mb4.5, baz=336, slow=9.4, SNR=24
WRA P 06 22 31.8 +1.2
WB2 Warramunga Arr 38.03 157 P P 06 20 14.5 -1.4
WRA Warramunga Arr 38.33 144 P P 06 20 17.6 -0.5
WRA Warramunga Arr 38.33 144 P P 06 20 17.6 -0.4
WRA Warramunga Arr 38.33 144 P P 06 20 17.6 -0.4
MOY Monday 39.08 341 eP P 06 20 25.3 +1.0
WMQ Urumqi 39.23 323 eP P 06 20 26.3 +0.7
WMQ comp=1.9nm, 0.7s, mb5.0 AMB AMB
WMQ comp=2.163nm, 4.7s AMB AMB
WMQ comp=N, 1µm, 16.0s LR LR
WMQ comp=E, 611nm, 17.0s LR LR

IDD 27 06:10:02.5, 1.3, 7.62N-93.93E, mb4.2/8, mb1 4.4/9, mb1mx4.1/20, mbtmp4.2/9, Error ellipse: s-maj=49.9km s-min=26.2km az=49.0
ISC 27 06:10:05.8, 1.0, 7.8N-0.2-94.1E-0.2, h33km, n12, c079/12, mb4.3/10, Nicobar Islands region

CMAR Chiang Mai Arr 11.65 24 Pn P 06 12 52.7 -0.1
 comp=2.11, slow=14, SNR=5.2
ZAL Zalesovo 46.66 352 P P 06 18 33.0 0.0
 4.5nm, 0.5s, mb4.7, baz=298, slow=9.3, SNR=6.4
WRA Warramunga Arr 48.24 125 P P 06 18 45.7 -0.1
 0.9nm, 0.9s, mb3.8, baz=307, slow=8.6, SNR=3.4
BVAR Borovoye Array 49.09 341 P P 06 18 51.9 0.0
 1.1nm, 0.7s, mb4.1, baz=130, slow=1.1, SNR=3.0
BRTR Keskin Array B 52.46 311 P P 06 20 27.2 -1.1
 1.6nm, 0.6s, mb4.3, baz=124, slow=6.9, SNR=5.2
JOF Joensuu 70.93 334 eP P 06 21 21.6 +0.1
 5.9nm, 1.0s, mb4.4
FINES FINES Array B 72.79 332 P P 06 21 33.4 +0.8
 3.2nm, 0.7s, mb4.4, baz=104, slow=7.9, SNR=6.4
KAF Kangasniemi 72.87 333 eP P 06 21 31.0 -2.0
 4.8nm, 0.9s, mb4.4
GERES GERES Array B 77.87 318 P P 06 22 02.8 +0.9
 4.1nm, 0.5s, mb4.3, baz=90, slow=5.3, SNR=6.5
HFS Hagfors 78.53 330 P P 06 22 05.6 +0.4
 4.0nm, 0.6s, mb4.5, baz=112, slow=8.0, SNR=6.3
NB2 NORSAR Subarra 79.81 331 P P 06 22 12.9 +0.7
 1.5nm, 0.2s, mb4.3
NOA NORSAR Array B 79.81 331 P P 06 22 12.9 +0.7
 1.8nm, 0.6s, mb4.2, baz=92, slow=5.6, SNR=4.5

ASAR Alice Springs 41.31 160 P P 06 20 42.0 -1.0
 comp=2.3, 7nm, 0.5s, mb4.5, baz=339, slow=6.7, SNR=29
ASAR P 06 22 42.4 +1.3
ASPA Alice Springs 41.31 160 P P 06 20 42.5 -0.5
CTA Charters Tower 43.92 143 P P 06 21 03.9 -0.6
CTA comp=2.6, 0nm, 0.7s pmax pmax
CTA comp=2.6, 0nm, 1.2s pmax pmax
CTA Charters Tower 43.92 143 P P 06 21 03.9 -0.6
 comp=2.5, 6nm, 0.7s, mb4.4, baz=322, slow=11.1, SNR=6.3
CTA P 06 22 51.3 +1.4
CTAO Charters Tower 43.92 143 eP P 06 21 03.6 -0.9
 comp=2.8, 0nm, 1.1s, baz=301, slow=7.8, SNR=5.4
CTAO pmax pmax
CTAO Charters Tower 43.92 143 eP P 06 21 03.6 -0.9
 comp=2.8, 2nm, 0.8s, mb4.5
MKAR Makanchi Array 44.05 323 eP P 06 21 05.9 +0.7
MKAR pmax pmax
KLBR Kellerberinn 46.85 182 eP P 06 21 27.4 -0.2
 comp=2.279nm, 0.6s
YAK Yakutsk 47.01 6 eP P 06 21 27.6 -0.9
YAK comp=2.40nm, 1.0s, mb5.1 pmax
YAK Yakutsk 47.01 6 eP P 06 21 27.6 -0.8
 comp=2.40nm, 1.0s, mb5.1
AAK Ala-Archa 47.16 314 eP P 06 21 29.5 -0.4
AAK pP pmax
AAK Ala-Archa 47.16 314 eP P 06 21 29.5 -0.3
 comp=2.12nm, 1.1s, mb4.5
AAK Ala-Archa 47.16 314 eP P 06 21 29.5 -0.3
 comp=2.12nm, 1.1s, mb4.5
AAK Kurchatov 48.20 326 eP P 06 21 51.8 +3.6
KURK Kurchatov 48.20 326 eP P 06 21 38.4 +0.6
KURK comp=2.24nm, 0.6s, mb5.2 pmax
NWAO Narrogin (SRO) 48.20 183 P P 06 21 38.1 -0.1
NWAO comp=2.26nm, 0.8s pmax pmax
NWAO Narrogin (SRO) 48.20 183 P P 06 21 38.1 0.0
 comp=2.26nm, 0.8s, mb5.1
NWAO Narrogin (SRO) 48.20 183 eP P 06 21 38.0 -0.2
 comp=2.21nm, 1.2s, mb5.0
NVS Novosibirsk 48.34 333 eP P 06 21 37.6 -1.3
MA2 Magadan 49.53 20 eP P 06 21 47.5 -0.5
MA2 pmax pmax
MA2 comp=2.19nm, 1.2s, mb4.9 pmax
MA2 Magadan 49.53 20 eP P 06 21 47.5 -0.6
 comp=2.19nm, 1.2s, mb4.9
STKA Stephens Creek 51.55 156 P P 06 22 02.7 -1.1
 comp=2.3, 2nm, 0.6s, mb4.5
STKA Stephens Creek 51.55 156 P P 06 22 02.7 -1.1
 comp=2.3, 2nm, 0.5s, mb4.7, baz=346, slow=6.4, SNR=12
BVAO Borovoye Array 53.78 325 P P 06 22 20.2 +0.1
BVAO pmax pmax
BVAR Borovoye Array 53.78 325 P P 06 22 20.0 0.0
 comp=2.1, 0nm, 0.7s, mb4.0
BRVK Borovoye 53.85 325 eP P 06 22 20.6 0.0
 comp=2.4, 9nm, 0.5s, mb4.8, baz=117, slow=9.8, SNR=25
BRVK pmax pmax
BRVK Borovoye 53.85 325 eP P 06 22 20.6 0.0
 comp=2.30nm, 1.0s, mb5.3 pmax pmax
BRVK Borovoye 53.85 325 eP P 06 22 20.6 0.0
 comp=2.30nm, 1.0s, mb5.3 pmax pmax
CHKZ Chkalovo 53.94 326 eP P 06 22 21.0 -0.2
 comp=2.9, 0nm, 0.5s, mb5.1 pmax pmax
CHKZ Chkalovo 53.94 326 eP P 06 22 21.0 -0.2
 comp=2.8, 8nm, 0.5s, mb5.0 pmax pmax
TIXI Tiksi 56.41 3 eP P 06 22 37.9 -0.9
TIXI pmax pmax
BILL Bilibino 60.30 18 eP P 06 23 05.3 -0.7
 comp=2.14nm, 0.8s, mb5.0 pmax pmax
BILL Bilibino 60.30 18 eP P 06 23 05.3 -0.6
 comp=2.12nm, 1.0s, mb4.9 pmax pmax
ARU Arti 61.39 326 eP P 06 23 06.9 -6.6
ZEI Tsey 69.32 310 P P 06 24 05.5 +0.9
ZEI pmax pmax
KIV Kislovodsk 70.15 312 eP P 06 24 11.0 +1.4
KIV Kislovodsk 70.15 312 eP P 06 24 10.8 +1.2
 comp=2.30nm, 0.7s, mb5.2
OBN Obninsk 73.56 324 eP P 06 24 26.7 -2.9
OBN pmax pmax
JOF Joensuu 75.64 332 eP P 06 24 41.0 -0.4
 comp=2.3, 2nm, 0.4s, mb4.4
ASF Jabal al Asfar 75.97 300 P P 06 24 44.3 +0.3
 comp=2.1, 1nm, 0.3s, mb4.0, baz=2.3, slow=0.9, SNR=3.6
MCK McKinley 76.83 27 eP P 06 24 48.3 +0.1
MCK pmax pmax
MCK McKinley 76.83 27 eP P 06 24 48.3 +0.1
 comp=2.5, 0nm, 1.0s, mb4.2 pmax pmax
MCK McKinley 76.83 27 eP P 06 24 48.3 +0.1
 comp=2.5, 1nm, 1.0s, mb4.9 pmax pmax
ARCES ARCCESS Array B 77.09 339 P P 06 24 50.3 +0.8
 comp=2.4, 0nm, 0.6s pmax pmax
ARCES ARCCESS Array B 77.09 339 P P 06 24 50.3 +0.8
 comp=2.3, 8nm, 0.6s, mb4.3, baz=76, slow=7.2, SNR=18
ILAR Eielson Array 77.55 26 P P 06 24 51.9 -0.3
 comp=2.1, 0nm, 0.6s pmax pmax
ILAR Eielson Array 77.55 26 P P 06 24 51.9 -0.3
 comp=2.0, 7nm, 0.6s, baz=268, slow=4.3, SNR=10
KAF Kangasniemi 78.05 331 P P 06 24 54.6 -0.3
KAF Kangasniemi 78.05 331 P P 06 24 54.6 -0.3
 comp=2.4, 9nm, 0.5s, mb4.5 pmax pmax
KAF Kangasniemi 78.05 331 eP P 06 24 54.6 -0.3
 comp=2.5, 0nm, 0.5s, mb4.5 pmax pmax
EIL Elat 78.06 298 P P 06 24 56.2 +0.5
 comp=2.8, 0nm, 0.7s, mb4.6, baz=43, slow=13, SNR=6.5
EIL Elat 78.06 298 P P 06 24 56.2 +0.5
 comp=2.8, 0nm, 0.7s, mb4.6, baz=43, slow=13, SNR=6.5
FINES FINES Array B 78.28 331 P P 06 24 56.5 +0.3
 comp=2.3, 0nm, 0.5s pmax pmax
FINES FINES Array B 78.28 331 P P 06 24 56.5 +0.3
 comp=2.3, 3nm, 0.5s, mb4.3, baz=60, slow=6.5, SNR=37
FINES FINES Array B 78.28 331 P P 06 24 56.5 +0.3
 comp=2.3, 0nm, 0.4s pmax pmax
AKASG Malin Array B 78.51 320 P P 06 24 57.3 -0.4
AKASG pmax pmax
AKASG Malin Array B 78.51 320 P P 06 24 57.3 -0.4
 comp=2.1, 0nm, 0.4s pmax pmax
MLR Muntele Ros 81.74 315 P P 06 25 16.5 +1.4
MLR pmax pmax
MLR Muntele Ros 81.74 315 P P 06 25 16.5 +1.4
 comp=2.5, 0nm, 0.8s pmax pmax
MLR Muntele Ros 81.74 315 P P 06 25 16.5 +1.4
 comp=2.5, 0nm, 0.8s, mb4.4, baz=282, slow=7.5, SNR=8.9
INK Inuvik 81.77 21 P P 06 25 15.3 +0.5
 comp=2.2, 0nm, 1.0s pmax pmax
INK Inuvik 81.77 21 P P 06 25 15.2 +0.5
 comp=2.1, 8nm, 1.0s, mb3.9, baz=297, slow=9.5, SNR=6.3
KMBO Kilima Mbojo 83.07 267 P P 06 25 25.2 +2.7
 comp=2.4, 0nm, 1.0s pmax pmax

MAN 27 06:12:59.9, 15.58N-119.49E, h17km, mb5.2, ML4.2, MS4.3

MAN IBA ZAMBALES INTENSITY III MANILA MAKATI II, MOS 27 06:13:02.7, 1.0, 15.50N-119.80E, h27km, mb4.9/26, Error ellipse: s-maj=17.6km s-min=6.5km az=116.9

BUI 27 06:13:03.0, 15.27N-119.90E, h92km, mb5.1, mb4.5
NEIC 27 06:13:03.9, 1.0, 15.48N-119.81E, h68km, 9km, mb4.9/25, Error ellipse: s-maj=9.9km s-min=4.4km az=67.0

NEIC Felt (III PIVS) at Iba; (II PIVS) at Makati and Manila; (I PIVS) at Quezon City
IDD 27 06:13:05.3, 0.1, 17.15, 15.51N-119.75E, h76km, 15km, mb4.2/22, mb1 4.3/22, mb1mx4.3/26, mbtmp4.5/22, MS3.9/1, Ms1 3.9/1, ms1mx2.7/29, Error ellipse: s-maj=26.0km s-min=10.7km az=66.0
ISC 27 06:13:02.9, 0.8, 15.49N-0.04-119.75E-0.07, h73km, 8km, n121, c1902/121, mb4.6/47, 4C-5D, Luzon

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
BCPH Baguio City Da 1.19 42 Pn P 06 13 21.9 -2.4
BCPH S 06 13 40.8 +0.5
BCPH Palayan 1.30 87 Pn P 06 13 24.3 -1.8
PCPH S 06 13 43.1 +0.2
Tagaytay City 1.80 140 Pn P 06 13 38.1 +1.4
Tagaytay City 1.80 140 Pn P 06 13 39.8 +1.4
Tagaytay City 1.80 140 Pn P 06 13 37.4 +0.9
Tagaytay City 1.80 140 Pn P 06 13 37.9 +3.6
 comp=2.506nm, 0.3s pmax
Tagaytay City 1.80 140 Pn P 06 13 33.4 +0.9
 comp=2.506nm, 0.3s, baz=260, slow=9.9, SNR=26
Tagaytay City 1.80 140 Pn P 06 13 57.9 +3.6
 comp=2.3µm, 0.3s, baz=332, slow=6.5, SNR=4.9
LQP Lukban 2.21 128 eP P 06 13 39.6 +1.4
CVP Caliao Caves 2.96 42 eP P 06 13 48.5 -0.3
GQP Guinayanang 3.05 121 eP P 06 13 51.1 +1.1
GQP eS 06 14 28.9 +3.4
QIZ Quiangzhong 10.90 292 eP P 06 17 06.8 -1.3
QIZ eS 06 21 20.4
QJW Kiongami 13.80 34 LR LR 06 21 20.4
 comp=2.432nm, 19.3s, baz=297, slow=36
ENH Enshi 17.47 329 eP P 06 16 58.3 -4.9
 comp=2.19nm, 1.0s
NANT Nan 18.50 283 P P 06 17 14.0 -1.7
KMI Kunming 18.59 304 P P 06 17 15.4 -1.3
 comp=2.9, 0nm, 0.9s pmax
XAN Xi'an 20.89 334 P P 06 17 41.3 0.0
 comp=2.15nm, 0.6s AMB AMB
KS15 Wonju Array Si 23.02 17 eP P 06 18 02.4 +0.1
BJT Baijiatou 24.63 353 eP P 06 18 18.2 +0.3
 comp=2.18nm, 0.7s pmax pmax
BJT Baijiatou 24.63 353 eP P 06 18 18.2 +0.3
 comp=2.18nm, 0.7s, mb4.6 pmax pmax
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.24nm, 0.8s, mb4.7 MLR MLR
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.310nm, 20.5s MLR MLR
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.24nm, 0.8s, mb4.7 LR LR
LZH Lanzhou 24.94 328 eP P 06 18 22.8 +1.9
 comp=2.42nm, 1.2s, mb4.7 AMB AMB
LZH Lanzhou 24.94 328 eP P 06 18 22.8 +1.9
 comp=2.42nm, 1.2s, mb4.7 AMB AMB
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=E, 673nm, 12.0s LR LR
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.826nm, 13.2s *SP pmax pmax
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.42nm, 1.2s, mb4.7 MLR MLR
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.42nm, 1.2s, mb4.7 pP P
LZH Lanzhou 24.94 328 eP P 06 18 30.6
 comp=2.42nm, 1.2s, mb4.7 SP P
LZH Lanzhou 24.94 328 eP P 06 18 35.8
 comp=2.42nm, 1.2s, mb4.7 SP PP
LZH Lanzhou 24.94 328 eP P 06 18 35.8
 comp=2.42nm, 1.2s, mb4.7 LR LR

LAZ Lajitas Array 139.11 24 PKHPK 06 27 27.2
 comp=2.0, 1nm, 0.5s, baz=291, slow=0.6, SNR=4.9
TXAR PKPKP 06 27 36.5
JCTA comp=2.0, 7nm, 0.6s, baz=141, slow=0.9, SNR=12
Junctn City 139.48 19 ePKPdf PKPpdf 06 27 34.2 -2.6
PLCA Paso Flores 144.66 20 PKP PKPpdf 06 27 42.4 -3.1
 comp=2.9, 4nm, 0.9s, baz=140, slow=2.2, SNR=16
PLCA Paso Flores 144.66 20 ePKPpdf PKPpdf 06 27 42.4 -3.2
PLCA La Paz 160.89 243 ePKPab PKPab 06 28 09.7
LPAZ 160.89 243 ePKPab PKPab 06 28 08.5 -4.1
 comp=2.1, 2nm, 0.8s, baz=93, slow=5.7, SNR=4.1

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
BCPH Baguio City Da 1.19 42 Pn P 06 13 21.9 -2.4
BCPH S 06 13 40.8 +0.5
BCPH Palayan 1.30 87 Pn P 06 13 24.3 -1.8
PCPH S 06 13 43.1 +0.2
Tagaytay City 1.80 140 Pn P 06 13 38.1 +1.4
Tagaytay City 1.80 140 Pn P 06 13 39.8 +1.4
Tagaytay City 1.80 140 Pn P 06 13 37.4 +0.9
Tagaytay City 1.80 140 Pn P 06 13 37.9 +3.6
 comp=2.506nm, 0.3s pmax
Tagaytay City 1.80 140 Pn P 06 13 33.4 +0.9
 comp=2.506nm, 0.3s, baz=260, slow=9.9, SNR=26
Tagaytay City 1.80 140 Pn P 06 13 57.9 +3.6
 comp=2.3µm, 0.3s, baz=332, slow=6.5, SNR=4.9
LQP Lukban 2.21 128 eP P 06 13 39.6 +1.4
CVP Caliao Caves 2.96 42 eP P 06 13 48.5 -0.3
GQP Guinayanang 3.05 121 eP P 06 13 51.1 +1.1
GQP eS 06 14 28.9 +3.4
QIZ Quiangzhong 10.90 292 eP P 06 17 06.8 -1.3
QIZ eS 06 21 20.4
QJW Kiongami 13.80 34 LR LR 06 21 20.4
 comp=2.432nm, 19.3s, baz=297, slow=36
ENH Enshi 17.47 329 eP P 06 16 58.3 -4.9
 comp=2.19nm, 1.0s
NANT Nan 18.50 283 P P 06 17 14.0 -1.7
KMI Kunming 18.59 304 P P 06 17 15.4 -1.3
 comp=2.9, 0nm, 0.9s pmax
XAN Xi'an 20.89 334 P P 06 17 41.3 0.0
 comp=2.15nm, 0.6s AMB AMB
KS15 Wonju Array Si 23.02 17 eP P 06 18 02.4 +0.1
BJT Baijiatou 24.63 353 eP P 06 18 18.2 +0.3
 comp=2.18nm, 0.7s pmax pmax
BJT Baijiatou 24.63 353 eP P 06 18 18.2 +0.3
 comp=2.18nm, 0.7s, mb4.6 pmax pmax
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.24nm, 0.8s, mb4.7 MLR MLR
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.310nm, 20.5s MLR MLR
BJI Beijing 24.66 353 eP P 06 18 18.4 +0.3
 comp=2.24nm, 0.8s, mb4.7 LR LR
LZH Lanzhou 24.94 328 eP P 06 18 22.8 +1.9
 comp=2.42nm, 1.2s, mb4.7 AMB AMB
LZH Lanzhou 24.94 328 eP P 06 18 22.8 +1.9
 comp=2.42nm, 1.2s, mb4.7 AMB AMB
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=E, 673nm, 12.0s LR LR
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.826nm, 13.2s *SP pmax pmax
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.42nm, 1.2s, mb4.7 MLR MLR
LZH Lanzhou 24.94 328 eP P 06 18 22.7 +1.8
 comp=2.42nm, 1.2s, mb4.7 pP P
LZH Lanzhou 24.94 328 eP P 06 18 30.6
 comp=2.42nm, 1.2s, mb4.7 SP P
LZH Lanzhou 24.94 328 eP P 06 18 35.8
 comp=2.42nm, 1.2s, mb4.7 SP PP
LZH Lanzhou 24.94 328 eP P 06 18 35.8
 comp=2.42nm, 1.2s, mb4.7 LR LR

LAZ Lajitas Array 139.11 24 PKHPK 06 27 27.2
 comp=2.0, 1nm, 0.5s, baz=291, slow=0.6, SNR=4.9
TXAR PKPKP 06 27 36.5
JCTA comp=2.0, 7nm, 0.6s, baz=141, slow=0.9, SNR=12
Junctn City 139.48 19 ePKPdf PKPpdf 06 27 34.2 -2.6
PLCA Paso Flores 144.66 20 PKP PKPpdf 06 27 42.4 -3.1
 comp=2.9, 4nm, 0.9s, baz=140, slow=2.2, SNR=16
PLCA Paso Flores 144.66 20 ePKPpdf PKPpdf 06 27 42.4 -3.2
PLCA La Paz 160.89 243 ePKPab PKPab 06 28 09.7
LPAZ 160.89 243 ePKPab PKPab 06 28 08.5 -4.1
 comp=2.1, 2nm, 0.8s, baz=93, slow=5.7, SNR=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, HFS Hagfors, HFS Hagfors, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINES Array B, KAF Kangasniemi, QJC Qjocw, KEV Kevo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, KIVO Kislovodsk, KMBO Kilima Mbogo, MALT Malatya, etc.

BUI 27 06:14:28.2, 7.53N-93.69E, h55km, mb5.1, mb4.6, Ms4.5, Ms4.5

HRVD 27 06:14:29.1±0.5, 7.94N-94.18E, h12km, MW5.0/47, Centroid moment Tensor Solution. LP body waves: s4,c5; Mantle waves: s47,c64; Half duration: 0. Moment tensor: Scale 10^16Nm; Mr-1.50z; Ms-1.39z; Mz-2.89z; 11; Mw-1.68z; 42; Mw0.26z; 12; Mr-1.63z; 38; Best double couple: M3.43x10^16 Np1.148z; 8.39z; -1.53z. NP2: 0.36z; 874z; -5.4z. Principal axes: T 3.56z, P12z, Azm100z; N-2.64z, P13z4z, Azm205z; P-3.29z, P14z9z, Azm345z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 27 06:14:29.1±0.4, 7.82N-94.18E, h30km, mb4.9/15 Error ellipse: s-maj=11.9km s-min=10.6km az=53.0

ISC 27 06:14:29.2±0.2, 7.98N-94.31E, h26km, mb3.7km, mb4.2/23, mb1.4, 3/24, mb1mx4.3/27, mbtmpp4.5/24, ML4.5/1, MS4.4/2, Ms1.4, 4/2, ms1mx3.4/26, Error ellipse: s-maj=23.1km s-min=12.9km az=50.0

ISC 27 06:14:29.9±2.1, 7.88N-108.9424E±0.05, h50km±17km, h23km±1.8km; p-P, n77, n150770, mb4.7/43, MS4.6/42, 2C,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nicobar Islands region, CMAR Chiang Mai Arr, CHG Chiang Mai, MDRS Chennai, etc.

BUI 27 06:18:38.5, 8.00N-94.20E, h30km, mb5.3, mb4.6, Ms5.0, WMO

NEIC 27 06:18:38.6±0.3, 7.97N-94.23E, h30km, mb4.7/28, Error ellipse: s-maj=9.6km s-min=7.2km az=53.0

ISC 27 06:18:39.8±0.3, 7.92N-94.12E, h38km±44km, mb4.3/21, mb1.4, 5/22, mb1mx4.4/26, mbtmpp4.5/22, Error ellipse: s-maj=26.2km s-min=12.6km az=52.0

ISC 27 06:18:39.3±2.0, 7.88N-106.9425E±0.07, h53km±17km, n83, c019177, mb4.7/55, MS4.6/1, 1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, KMI Kuningming, JIRN Jiri, etc.

NEIC 27 06:19:07.1, 32.70S-71.62W, h28km, ML2.5(GUC), After GUC

GUC 27 06:19:07.1±0.7, 32.70S-71.62W, h28km±4km, MD3.7, ML2.5, 1C-40D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PACH Papudo, IHA Instituto Hidr, ROCH El Roble, etc.

TIY	comp=Z,6um,11.8s,MSS.5	33.98	27	↑P	P	S	07 03 36.0	-3.5
TIY	Taiyuan			LR	LR	LR	07 09 04.0	+1.6
TIY	comp=N,7um,14.0s			LR	LR			
SSE	comp=Z,2um,11.0s,MSS.2	34.21	44	↑P	P	S	07 03 41.3	-0.3
SSE	Sheshan			AMB	AMB	AMB	07 09 07.5	+1.4
SSE	comp=Z,30nm,0.7s,mb5.3							
SSE	comp=Z,269nm,5.4s							
SSE	comp=N,2um,19.1s,MSS.1			LR	LR	LR		
SSE	comp=E,2um,19.0s,MSS.1			LR	LR	LR		
SSE	comp=Z,2um,17.4s,MS4.8			LR	LR	LR		
SSE	Sheshan	34.21	44	↑P	P	P	07 03 41.3	-0.3
SSE	comp=Z,30nm,0.7s,mb5.3							
SSE				sP	sP	S	07 03 53.9	+3.8
SSE				S	S	S	07 09 07.4	+1.3
SSE				sS	sS	S	07 09 22.9	
SSE	comp=Z,2um,17.4s,MS4.8			LR	LR	LR		
TIA	Tai'an	35.12	33	↑P	P	S	07 03 49.8	+0.4
TIA				LR	LR	LR		
TIA	comp=N,1um,15.0s,MSS.2			LR	LR	LR		
WMO	comp=Z,3um,14.2s,MSS.2	36.18	352	↑P	P	P	07 03 59.3	+1.1
WMO	Urumqi			AP	AP	P	07 04 09.0	+4.8
WMO				XP	sP	P	07 04 12.8	+6.1
WMO				PP	PP	P	07 05 21.8	+0.8
WMO				PcP	PcP	P	07 06 25.0	+1.1
WMO				AMB	AMB	P	07 09 35.8	-0.6
WMO	comp=Z,200nm,1.0s,mb5.0							
WMO	comp=Z,1um,4.9s							
WMO	comp=N,4um,17.4s,MSS.3			LR	LR	LR		
WMO	comp=E,3um,17.1s,MSS.3			LR	LR	LR		
WMO	comp=Z,5um,17.5s,MSS.4			LR	LR	LR		
WBK	Wadi Bani Khal	36.77	297	↑P	P	P	07 04 07.0	+3.6
JOW	Kunigami	37.45	56	LR	LR	LR	07 22 00.8	
JMD	Jabal Madar	37.46	297	↑P	P	P	07 04 11.6	+2.3
BJT	Baijiatuu	37.55	28	↑P	P	P	07 04 11.3	+1.5
BJT	comp=Z,195nm,1.4s							
BJI	Baijiatuu	37.55	28	↑P	P	P	07 04 11.3	+1.5
BJI	comp=Z,195nm,1.4s,mb5.6							
BJI	Beijing	37.57	28	*SP	sP	S	07 04 11.6	+1.6
BJI							07 04 28.3	+1.0
BJI							07 05 39.9	
BJI				S	S	S	07 10 00.6	+2.8
BJI	comp=Z,46nm,1.5s,mb5.0							
BJI	comp=Z,3um,21.9s,MSS.1							
BJI	Beijing	37.57	28	↑P	P	P	07 04 11.6	+1.6
BJI	comp=Z,46nm,1.5s,mb5.0							
BJI				sP	sP	S	07 04 28.3	+1.0
BJI				PP	PP	S	07 05 39.9	+1.3
BJI				S	S	S	07 10 00.6	+2.8
BJI				LR	LR	LR	07 12 52.8	+2.1
SMDO	Samad	37.71	298	↑P	P	P	07 04 14.8	+3.4
BIDO	Bidbid	37.79	298	↑P	P	P	07 04 15.3	+3.4
KZA	Kyzart	37.86	337	↑P	P	P	07 04 12.8	+0.4
UCH	Uchtor	38.28	336	P	P	P	07 04 16.3	+0.4
MBWA	Marble Bar	38.34	139	eP	P	P	07 04 15.3	-1.3
BSY	Bisyay	38.37	297	↑P	P	P	07 04 19.9	+3.1
TKM2	Tokmak 2	38.45	338	P	P	P	07 04 17.3	-0.1
KBK	Karagaybulak	38.47	337	P	P	P	07 04 18.3	+0.8
HOQ	Hoqain	38.52	298	P	P	P	07 04 21.3	+3.2
AML	Almayashu	38.53	335	P	P	P	07 04 18.5	+0.5
AAK	Ala-Archa	38.63	337	P	P	P	07 04 19.4	+0.5
AAK	Ala-Archa	38.63	337	P	P	P	07 04 19.3	+0.5
AAK	Ala-Archa	38.63	337	P	P	P	07 04 19.3	+0.5
AAK	Ala-Archa	38.63	337	eP	P	P	07 04 18.0	-0.8
FRU	Bishkek	38.75	337	eP	P	P	07 04 19.0	-0.8
FRU							07 05 56.0	
FRU	comp=Z,160nm,1.8s,mb5.5							
FRU	comp=Z,6um,18.0s,MSS.5							
CHMS	Chumysh	38.84	337	P	P	P	07 04 20.3	-0.3
EKS2	Erkin-Say	38.94	336	P	P	P	07 04 22.1	+0.7
ARQ	Araqi	39.14	297	P	P	P	07 04 26.6	+3.4
USP	Ospenovka	39.16	337	P	P	P	07 04 22.9	-0.4
RBK	Rabkut	39.98	288	↑P	P	P	07 04 32.6	+2.3
MKAR	Makanchi Array	40.42	347	↑P	P	P	07 04 34.0	-0.9
FITZ	Fitzroy Crossi	40.49	130	eP	P	P	07 04 33.2	-1.3
ABTO	Aybut	40.82	287	↑P	P	P	07 04 39.5	+2.4
SONM	Songino Array	41.11	13	P	P	P	07 04 39.0	-0.2
SONM	comp=Z,25nm,1.2s,mb4.7,baz=200,slow=5.5,SNR=14							
SONM	comp=Z,5.4nm,0.8s,baz=200,slow=3.5,SNR=5.9							
SONM	comp=Z,1.4nm,1.1s,baz=196,slow=9.0,SNR=4.0							
ULN	Ulaanbaatar	41.28	13	eP	P	P	07 04 40.7	0.0
ULN								
ULN	comp=Z,27nm,1.1s,mb4.8							
ULN	Ulaanbaatar	41.28	13	eP	P	P	07 04 40.2	-0.5
ULN	comp=Z,23nm,1.4s,mb5.0							
KS15	Wonju Array Si	42.41	41	eP	P	P	07 04 51.9	+1.8
SNY	Shenyang	42.64	33	↑P	P	P	07 04 53.8	+1.9
SNY	comp=Z,70nm,1.1s,mb5.3							
SNY	comp=Z,390nm,5.3s							
SNY	comp=N,930nm,11.7s			LR	LR	LR		
ZAK	Zakamensk	42.99	9	eP	P	P	07 04 54.2	-0.5
ZAK							07 06 41.4	
TLY	Talaya	44.31	9	eP	P	P	07 05 06.0	+0.6
TLY	comp=Z,63nm,0.9s,mb5.3,SNR=9.4							
TLY	Talaya	44.31	9	eS	S	S	07 05 06.1	+0.7
TLY				eSS	SS	SS	07 11 28.4	-9.4
TLY							07 15 03.3	+1.5
TLY	comp=Z,34nm,1.9s,mb4.8							
TLY	comp=Z,1um,15.0s,MSS.0			MLR	MLR	MLR		
TLY	Talaya	44.31	9	eP	P	P	07 05 05.4	0.0
KURK	Kurchatov	44.54	346	iP	P	P	07 05 06.8	-0.4
KURK								
KURK	comp=Z,123nm,1.4s,mb5.5							
KURK	Kurchatov	44.54	346	eP	P	P	07 05 06.6	-0.6
MUN	Mundaring	44.96	153	eP	P	P	07 05 11.4	+0.5
MUN	comp=Z,191nm,1.2s,mb5.8							
MUN	comp=Z,64nm,0.9s,mb5.5							
MUN	Mundaring	44.96	153	eP	P	P	07 05 11.4	+0.5
MUN								
KLBR	Kellerberrin	45.35	151	eP	P	P	07 05 14.2	+0.2
NWAO	Narogin (SRO)	46.22	153	P	P	P	07 05 20.0	-0.9

NWAO	Narogin (SRO)	46.22	153	P	P	P	07 05 20.1	-0.7
NWAO	comp=Z,42nm,0.8s,mb5.4,baz=325,slow=9.6,SNR=20							
NWAO	comp=Z,11nm,18.3s,baz=158,slow=35						07 23 44.8	
NWAO	Narogin (SRO)	46.22	153	eP	P	P	07 05 19.4	-1.5
HIA	Hailar	46.48	23	eP	P	P	07 05 23.2	+0.6
HIA	comp=Z,164nm,1.3s							
HIA	Hailar	46.48	23	eP	P	P	07 05 23.2	+0.5
NVS	Novosibirsk	47.57	352	eP	P	P	07 05 29.6	-1.6
NVS				eS	S	S	07 12 17.5	-6.9
NVS	comp=N,71nm,1.0s							
NVS	comp=E,38nm,1.0s							
NVS	comp=Z,144nm,1.0s,mb5.0							
NVS	comp=N,560nm,1.9s							
NVS	comp=N,109nm,1.9s							
MDJ	Mudanjiang	47.78	34	eP	P	P	07 05 34.7	+1.7
VLA	Vladivostok	48.20	37	eP	P	P	07 05 37.0	+0.8
VLA							07 07 29.0	
VLA							07 12 42.0	
VLA							07 15 21.0	
VLA	comp=Z,4um,14.0s,MSS.5			MLR	MLR	MLR		
VLA	comp=E,3um,13.0s,MSS.5			MLR	MLR	MLR		
WRA	comp=N,1um,11.0s,MSS.5							
WRAB	Tennant Creek	48.34	126	P	P	P	07 05 35.6	-2.0
WRAB	Warramunge Arr	48.34	126	P	P	P	07 05 36.0	-1.6
WRAB	Tennant Creek	48.34	126	P	P	P	07 05 35.8	-1.9
WRAB	comp=Z,61um,1.0s							
WRAB	Tennant Creek	48.34	126	eP	P	P	07 05 35.6	-2.1
WRAB	Warramunge Arr	48.34	126	eP	P	P	07 05 40.3	-1.3
WRAB	Borovoye Array	48.91	341	P	P	P	07 05 40.3	-1.3
BVAR	Borovoye Array	48.91	341	P	P	P	07 05 40.3	-1.3
BVAR	comp=Z,8.8nm,0.9s,mb4.8,baz=143,slow=7.4,SNR=22						07 07 06.6	+0.4
BRVK	Borovoye	48.98	341	eP	P	P	07 05 41.1	-1.0
BRVK	comp=Z,23nm,0.9s,mb5.2							
BRVK	Borovoye	48.98	341	eP	P	P	07 05 40.8	-1.3
RAYN	Ar Rayn	49.02	294	P	P	P	07 05 44.3	+1.5
JHJ	Hachiojima 2	49.05	53	LR	LR	LR	07 29 25.7	
MAJO	Matsushiro	49.15	48	P	P	P	07 05 40.0	-3.7
MAT	Matsushiro	49.15	48	eP	P	P	07 05 46.0	+2.3
MAT	comp=Z,60nm,1.6s,mb5.4							
MAT	comp=Z,2um,20.0s,MSS.0							
MAT	Matsushiro	49.15	48	eP	P	P	07 05 46.0	+2.3
MAT	comp=Z,60nm,1.6s,mb5.4							
MAT	comp=Z,2um,20.0s,MSS.0							
MAT	Matsushiro	49.15	48	P	P	P	07 05 44.0	+0.3
CHKZ	Chkalovo	49.40	342	P	P	P	07 05 44.5	-0.8
CHKZ	comp=Z,79nm,1.0s,mb5.7							
ASPA	Alice Springs	49.99	130	eP	P	P	07 05 49.3	-1.0
ASAR	Alice Springs	49.99	130	P	P	P	07 05 48.1	-2.2
ASAR	comp=Z,9.2nm,0.9s,mb4.8,baz=304,slow=6.8,SNR=24						07 30 11.5	
ASAR	comp=Z,1um,18.2s,MSS.0,baz=295,slow=40							
GUMU	Guam	50.12	79	OF	FAKE	LR	07 06 00.0	+8.6
FORT	Forrest	50.41	141	eP	P	P	07 05 53.1	-0.4
KLR	Kuldur	51.85	31	eP	MLR	MLR	07 06 02.0	-2.1
KLR	comp=E,4um,13.5s							
BOD	Bodaibo	52.10	13	eP	P	P	07 06 04.8	-1.0
MSL	Mosul	54.24	309	eP	LR	LR	07 06 18.5	-3.4
GNI	Garni	54.36	314	LR	LR	LR	07 33 00.2	
CLNS	Chul'man	54.39	20	eP	P	P	07 06 22.5	-0.3
CLNS							07 07 25.0	
CLNS							07 13 58.1	-0.2
CLNS	comp=Z,77nm,1.2s,mb5.5							
CLNS	comp=N,22nm,0.9s							
CLNS	comp=E,34nm,1.1s							
CLNS	comp=N,8.0nm,0.8s							
CLNS	comp=Z,12nm,0.8s,mb4.9							
CLNS	comp=E,9.0nm,0.9s							
CLNS	comp=N,8.0nm,1.0s							

27d 6h

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like TOO, MA2, KIS, CNB, AKASG, etc.

2005 JAN

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like DPC, KSP, KSP, KSP, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like SWS, PGF, PGF, PGF, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like FLN, MFF, ANM, DAG, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like QLMT, LAO, YMR, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like EJON, TSBF, SOSP, etc.

IDC 27.07:02.26:1.17, 0.3, 7.27N-96.39E, mb.4, 1/5, mb1 4.2/5, mb1mx3.8/1.7, mb1tp.0.4/1.5, Error ellipse: s-maj=470.1km s-min=125.8km az=161.0, Northern Sumatera

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

CSEM 27.07:07.40.9.0.1, 42.33N-5.54E, h25km, ML3.2/18, Error ellipse: s-maj=3.0km s-min=1.5km az=152.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LDG, NEIC, MDD, etc.

ISC 27.07:40.3.0.4, 42.64N-0.03, 5.38E-0.03, h10km, n82, e1948/132, Western Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LMR, FRF, SMRF, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ERTA, ERTE, etc.

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like LZS Lusaka, BURAR Bucovina Array, and many others.

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like GDL2 Guadalupe Moun, MIAR Mount Ida, and others.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, BVAR Borovoye Array, and others.

ADC 27.07:25:46.91.4, 8.33N-94.30E, mb4.1/5, mb1.1/5, mb1.4/3/5, mb1.2x5.0/17, mbtpp4.9/25, ML4.5/1, Ms1.5/1, ms1mx3.5/20, Error ellipse: s-maj=50.0km s-min=39.4km az=97.0, Nicobar Islands region

ADC 27.07:25:55.0.4, 7.88N-94.04E, mb5.0/24, mb1.5 1/25, mb1mx5.0/27, mbtpp4.9/25, ML4.5/1, Error ellipse: s-maj=23.0km s-min=10.9km az=43.0, putative timing error at LP4Z- BJJ 27.07:25:58.7, 7.50N-93.72E, h51km, mb5.6, mb4.8, Ms5.4, Msz5.1

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PBA Port Blair, CMAR Chiang Mai Arr, PALK Palkekele, and others.

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like BHPL comp=Z,228nm,1.3s, BHPK Bhopal, and many others.

Table with columns: MCK, comp-Z, 8.0nm, 1.1s, mb5.1, pmax, pmax, 07 39 18.5 +1.0, etc.

IDC 27 07:28:26.3; 0.5, 7.87N-93.97E, mb4.8/21, mb1 4.9/22, mb1mx4.9/25, mbtmp4.8/22, ML4.5/1, MS4.3/1, Ms1 4.3/1, ms1mx3.1/24, Error ellipse: s-maj=25.9km s-min=12.5km az=49.0, putative timing error at LPAZ

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

Main table with columns: Simla, 28.00 328 eP, 07 34 23.3 +3.5, etc.

Table with columns: BRTR Keskin Array B, 62.37 311 P, 07 38 50.0 -1.8, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like ORIF, VIVF, SMF, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:42.8 0.2, 7.96N, 0.04, 94.15E, 0.04, h21km

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

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:34:27.7 1.4, 7.93N, 94.02E, mb4.1/8, mb1 4.4/8,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like SONM, ZAL, WRA, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:44.4 0.9, 7.98N, 94.19E, h33km, mb5.3/55,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like HRVD, NB2, NOA, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like PBA, CM31, CMAR, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:42.8 0.2, 7.96N, 0.04, 94.15E, 0.04, h21km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like SMLA, XAN, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:34:27.7 1.4, 7.93N, 94.02E, mb4.1/8, mb1 4.4/8,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like NJ2, SSE, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:44.4 0.9, 7.98N, 94.19E, h33km, mb5.3/55,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like UCH, TKM2, AML, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like FRU, CHMS, EK52, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:42.8 0.2, 7.96N, 0.04, 94.15E, 0.04, h21km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like ASAR, ARU, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:34:27.7 1.4, 7.93N, 94.02E, mb4.1/8, mb1 4.4/8,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like YSS, KIV, etc.

MS4.9/1 Error ellipse: s-maj=6.4km s-min=4.9km az=53.0
ISC 27 07:35:44.4 0.9, 7.98N, 94.19E, h33km, mb5.3/55,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res, Res. Includes stations like SOC, YAK, etc.

Table with columns: LPAZ, La Paz, 160.83 243 PKP, PKPdf, 08 00 39.5 -38, 126nm,0.9s,mb5.2, KKN, Kakan, 21.44 338 eP, P, 07 52 15.9 0.0

Table with columns: LPAZ, La Paz, 160.83 243 PKP, PKPdf, 08 00 39.5 -38, 126nm,0.9s,mb5.2, KKN, Kakan, 21.44 338 eP, P, 07 52 15.9 0.0

Table with columns: LPAZ, La Paz, 160.83 243 PKP, PKPdf, 08 00 39.5 -38, 126nm,0.9s,mb5.2, KKN, Kakan, 21.44 338 eP, P, 07 52 15.9 0.0

ms1mx2.8/29, Error ellipse: s-maj=30.0km s-min=15.3km az=47.0

BUJ 27 07:54:27.4, 7.60N-94.00E, h30km, mb4.6

NEIC 27 07:54:28.0, 7.63N-94.00E, h30km, mb4.6, Error ellipse: s-maj=11.8km s-min=9.8km az=221.0

ISC 27 07:54:26.0, 7.66N-94.00E, h30km, n44, az=115/42, mb4.5/29, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, CMAR Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, etc.

ISC 27 07:54:53.4, 7.80N-93.85E, mb4.2/12, mb1 4.1/13, mb1mx4.2/20, mbtmp4.2/13, ML4.2/1, MS1 4.7/1, ms1mx3.1/28, Error ellipse: s-maj=33.0km s-min=16.5km az=48.0

NEIC 27 07:54:57.0, 7.81N-93.48E, h30km, mb4.7/6, Error ellipse: s-maj=16.9km s-min=11.7km az=63.0

ISC 27 07:54:57.0, 7.81N-93.72E, 0.1, h33km, n28, az=150/21, mb4.1/8, MS4.6/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, TGY Tagaytay Arr, etc.

IDC 27 07:57:01.3, 1.1, 7.60N-93.92E, mb4.0/10, mb1 4.1/11, mb1mx4.0/20, mbtmp4.0/11, ML4.2/1, Error ellipse: s-maj=47.6km s-min=24.5km az=50.0

ISC 27 07:57:04.0, 1.0, 7.70N-94.1E, 0.2, h33km, n15, az=150/12, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, CMAR Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, etc.

IDC 27 07:57:12.5, 1.2, 7.71N-93.81E, mb4.1/8, mb1 4.3/9, mb1mx4.1/9, mbtmp4.1/9, ML4.1/1, Error ellipse: s-maj=45.8km s-min=27.9km az=54.0

ISC 27 07:57:16.4, 1.1, 7.9N-94.0, h33km, n11, az=150/9, mb4.0/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, BRTR Keskin Array, etc.

IDC 27 07:58:43.8, 1.0, 6.67N-94.84E, mb4.3/12, mb1 4.4/13, mb1mx4.2/22, mbtmp4.2/13, ML4.3/1, Error ellipse: s-maj=44.2km s-min=20.0km az=45.0

NEIC 27 07:58:48.2, 0.8, 6.65N-94.77E, h30km, mb4.4/5, Error ellipse: s-maj=22.5km s-min=17.6km az=62.0

ISC 27 07:58:47.3, 6.9, 6.7N-94.0, h33km, h33km, n21, az=152/21, mb4.3/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, LSA Lhasa, AAK Ala-Archa, SONM Songoing Array, etc.

IDC 27 07:59:16.7, 1.8, 7.81N-93.89E, mb4.1/4, mb1 4.3/5, mb1mx3.9/18, mbtmp4.1/5, ML4.1/1, Error ellipse: s-maj=52.8km s-min=47.7km az=119.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, ZAL Zalesovo, BRTR Keskin Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like JUA2 San Juan 2, TERV Terraza Guagua, PINO Pino, etc.

IDC 27 08:04:21.5, 5.4, 7.96N-94.13E, h64km-48km, mb3.6/10, mb1 3.8/11, mb1mx3.7/19, mbtmp3.9/11, ML3.7/1, Error ellipse: s-maj=33.1km s-min=17.7km az=47.0

ISC 27 08:04:16.1, 0.8, 7.9N-94.1, h33km, n14, az=69/12, mb3.9/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, etc.

IDC 27 08:07:19.4, 0.5, 8.21N-94.33E, mb4.6/22, mb1 4.7/23, mb1mx4.7/25, mbtmp4.6/23, ML4.7/1, MS4.2/1, MS1 4.4/1, ms1mx2.9/29, Error ellipse: s-maj=22.5km s-min=12.6km az=55.0, Putative timing error at LPZK

MOS 27 08:07:23.0, 1.3, 8.05N-94.17E, h33km, mb5.0/45, Error ellipse: s-maj=10.9km s-min=6.5km az=105.3

BUJ 27 08:07:23.2, 7.68N-92.9E, h51km, mb5.2, mb4.8, Ms5.0, Ms24.5

HRVD 27 08:07:24.0, 0.4, 7.93N-94.20E, h14km-2km, MW5.1/49, Centroid moment Tensor Solution. L P body waves: s15=0.22, Mantle waves: s19=0.30; Half duration: 190

Moment tensor: Scale 10^16Nm; Mw=2.24; 30; Mw=1.03; 23; Mw=3.27; 30; Mw=2.71; 35; Mw=4.59; 25; Mw=0.91; 62; Best double couple: M5.988x10^16 NP1; phi=170; delta=164; NP2=phi*71; delta=137; Principal axes: T: 6.756, Plq14; Azm125; N: 1.537; Plq51; Azm234; P: 5.219, Plq35; Azm255; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 27 08:07:24.0, 0.3, 7.97N-94.14E, h30km, mb4.9/39 Error ellipse: s-maj=9.0km s-min=8.1km az=64.0

ISC 27 08:07:23.3, 3.3, 8.05N-94.13E, 0.04, h33km, 11km, h33km, 4km, pp-P, n17, az=152/166, mb4.9/67, MS4.9/2, 3C-7D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Rows include stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like KOLDANDA, BHPL, POONA, LANZHOU, WUHAN, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like MALTA, CTAO, EIL, YAK, STKA, etc.

Table with columns: Station Name, Time, Res, and other details. Includes stations like SNOW, NVAR, PDAR, MSU, TXAR, etc.

Table with columns: KAF, KANGASNIEMI, 72.79 333 ep, P, 08 37 28.2 -7.9, etc.

NEIC 27 08:27:18.4.0.5, 7.85N-94.11E, h30km, mb4.8/9, Error ellipse: s-maj=14.9km s-min=11.0km az=69.0

ISC 27 08:27:20.7.4.6, 7.96N-94.16E, h46km, mb4.1/14, mb1.4/3.15, mb1mx4.2/21, mbtmp4.3/15, ML4.5/1, Error ellipse: s-maj=21.4km s-min=19.4km az=54.0

ISC 27 08:27:18.5.2.8, 7.9N-94.1.94.2E.0.1, h44km, mb5.2/m, n33, s1612/29, mb4.5/21, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, Hydrabad, LSA, etc.

ISC 27 08:29:29.5.7.7, 7.92N-94.26E, h83km, mb3.9/10, mb1.4/1.11, mb1mx3.9/19, mbtmp4.2/11, Error ellipse: s-maj=43.9km s-min=19.8km az=48.0

ISC 27 08:29:22.1.0.7, 7.7N-94.1.1.94.1E.0.1, h33km, n15, s089/14, mb4.3/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, Hydrabad, Warramunga Arr, etc.

ISC 27 08:30:41.0.1.0, 7.93N-94.06E, mb4.3/9, mb1.4/4.10, mb1mx4.2/19, mbtmp4.3/10, ML4.5/1, Error ellipse: s-maj=32.1km s-min=27.7km az=46.0

ISC 27 08:30:43.9.0.9, 7.9N-94.1.94.2E.0.1, h33km, n18, s089/13, mb4.3/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, Akl, Som, etc.

Table with columns: WRA, WARRAMUNGA ARR, 48.26 126 P, P, 08 39 23.8 -0.2, etc.

ISC 27 08:31:08.2.0.5, 8.02N-94.11E, mb4.8/24, mb1.4/9.25, mb1mx4.8/28, mbtmp4.8/25, ML4.7/1, Error ellipse: s-maj=26.1km s-min=12.3km az=45.0

MOS 27 08:31:11.7.1.5, 7.96N-94.11E, h33km, mb5.2/44, Error ellipse: s-maj=11.4km s-min=6.4km az=111.5

BUI 27 08:31:12.5.7, 7.79N-93.64E, h49km, mb5.3, mb4.8, MS5.3, MSz.0

NEIC 27 08:31:12.8.0.3, 7.95N-94.11E, h30km, mb5.0/28, Error ellipse: s-maj=8.9km s-min=6.5km az=61.0

HRVD 27 08:31:12.8.0.3, 7.96N-94.22E, h15km, mb2km, MW5.2/60, Centroid moment Tensor Solution. LP body waves: s12c16; Mantle waves: s00c113; Half duration: 1f0

Moment tensor: Scale 10^17Nm; Mw: 0.02; Ms: 0.04; Ms0-0.8: 0.4; Ms0-0.8: 0.1; Ms: 0.15; Ms: 0.07; Ms0-0.2: 0.03; Ms: 0.16; Ms: 0.07; Best double couple: M: 863x10^17 Np1: 0.138, 0.75, 1.178; NP2: 0.229, 0.888, 1.15; Principal axes: T: 858, Plg12; Azm95; N: 0.11, Plg75; Azm235; P: -869, Plg9; Azm3; nsta1 refers to surface waves, cutoff=50s.

ISC 27 08:31:13.2.1.4, 8.01N-10.06-94.21E.0.05, h48km, mb12km, n155, s1814/145, mb5.9/57, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Port Blair, Chiang Mai Arr, etc.

ISC 27 08:29:29.5.7.7, 7.92N-94.26E, h83km, mb3.9/10, mb1.4/1.11, mb1mx3.9/19, mbtmp4.2/11, Error ellipse: s-maj=43.9km s-min=19.8km az=48.0

ISC 27 08:29:22.1.0.7, 7.7N-94.1.1.94.1E.0.1, h33km, n15, s089/14, mb4.3/11, Nicobar Islands region

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

ISC 27 08:30:41.0.1.0, 7.93N-94.06E, mb4.3/9, mb1.4/4.10, mb1mx4.2/19, mbtmp4.3/10, ML4.5/1, Error ellipse: s-maj=32.1km s-min=27.7km az=46.0

ISC 27 08:30:43.9.0.9, 7.9N-94.1.94.2E.0.1, h33km, n18, s089/13, mb4.3/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, Akl, Som, etc.

Large table with columns: ZAL, ZALESOVO, 46.42 352 P, P, 08 39 37.1 +0.2, etc. Includes stations like Zalesovo, Novosibirsk, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like ASAJ, PMG, ARU, KAF, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like KAF, NIE, OJC, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like NOA, NOA, CLZ, etc.

MOS 27 08:42:57.2 ± 1.3, 7.75N-94.11E, h33km, mb5.3/21, Error ellipse: s-maj=18.8km s-min=9.0km az=110.3

NEIC 27 08:42:58.1 ± 0.4, 7.69N-94.07E, h30km, mb5.2/15, Error ellipse: s-maj=11.8km s-min=10.2km az=79.0

ISC 27 08:42:57.0 ± 3.3, 7.8N-94.2E, 0.1, h32km, 42km, n81, i1505/74, mb5.0/31, MS4.9/1, 4D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like CM31, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIV Kislodovsk, KMBO Kilima Mbogo, KAF Kilima Mbogo, etc.

IDC 27 08:52:02.9, 0.9, 7.83N-93.96E, mb4.2/11, mb1 4.3/12, mb1mx4.2/18, mbtmp4.1/12, ML4.2/1, Error ellipse: s-maj=41.2km s-min=18.8km az=57.0, Putative timing error at GERES, LPAZ

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 27 08:52:07.4, 0.9, 8.0N-94.3E, etc.

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

IDC 27 08:57:50.9, 0.6, 8.08N-94.40E, mb4.4/21, mb1 4.6/22, mb1mx4.5/24, mbtmp4.9/22, ML4.2/1, Error ellipse: s-maj=27.5km s-min=13.3km az=51.0, Putative timing error at GERES, LPAZ

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG Mai Arr, Chiang Mai Arr, Lajitas Arr, etc.

IDC 27 09:00:15.4, 1.2, 7.84N-94.07E, h33km, mb5/29, Error ellipse: s-maj=15.5km s-min=7.9km az=114.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG Mai Arr, Chiang Mai Arr, Lajitas Arr, etc.

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

IDC 27 08:59:37.6, 1.0, 7.99N-94.02E, mb4.2/8, mb1 4.3/9, mb1mx4.2/18, mbtmp4.2/9, ML4.1/1, Error ellipse: s-maj=30.6km s-min=26.2km az=71.0, Putative timing error at GERES, LPAZ

IDC 27 08:59:41.0, 1.0, 8.0N-1.0, 94.1E-0.2, h33km, n12, 0.0531/9, mb4.2/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG Mai Arr, SONGINGO Array, ZAL Zalesovo, etc.

IDC 27 09:00:11.9, 0.7, 7.76N-93.88E, mb4.7/20, mb1 4.8/21, mb1mx4.7/25, mbtmp4.6/21, ML4.3/1, Error ellipse: s-maj=31.4km s-min=14.9km az=50.0, Putative timing error at GERES

MOS 27 09:00:15.4, 1.2, 7.84N-94.07E, h33km, mb5/29, Error ellipse: s-maj=15.5km s-min=7.9km az=114.0

NEIC 27 09:00:16.5, 0.3, 7.77N-94.01E, h30km, mb4.8/12, Error ellipse: s-maj=10.1km s-min=7.7km az=64.0

IDC 27 09:00:17.0, 3.1, 7.85N-10.09, 94.16E-0.10, h49km, 26/km, n7, 0.0087, mb4.8/30, Nicobar Islands region

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

27d 9h

Table of station data for 27d 9h, including call signs (MAT, CHKZ, ASAR, etc.), frequencies, and various technical parameters like power and modulation.

2005 JAN

Table of station data for 2005 JAN, including call signs (MOX, GRI, GFA, etc.), frequencies, and various technical parameters.

918

Table of station data for 918, including call signs (S/JG, NNA, TEIG, etc.), frequencies, and various technical parameters.

DCI 27 09:17:34.31.2, 7.97N-93.37E, mb4, 1/9, mb1 4.3/10, mb1mx4.1/18, mbtmp4.1/10, M.LS.4/1, Error ellipse: s-maj=40.4Kms s-min=27.7km az=53.0, Putative timing error at GERES

ISC 27 09:17:39.1.1, 8.1N-0.2-93.6E.0.2, h33km, n12, o96/11, mb4.1/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CMAR Chiang Mail Arr, SONMI Songoing Array, etc.

DCI 27 09:17:38.0.2.4, 6.55N-73.04W, h144km, 21km, mb3, 7/12, mb1 4.0/14, mb1mx3.8/23, mbtmp4.2/14, Error ellipse: s-maj=22.1km s-min=15.3km az=56.0

NEIC 27 09:17:39.9.7, 6.64N-72.98W, h162km, 7km, mb4, 3/26, Error ellipse: s-maj=7.1km s-min=7.1km az=101.0

FUNV 27 09:17:39.0.4, 6.67N-73.26W, h161km, MW4.0, ISC 27 09:17:39.4.0.5, 6.69N-0.05-72.90W.0.04, h172km, 4km, n70, o89/80, mb4, 1/29, 3C-5D, Northern Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CAPV Capacho, SOCV Socops, etc.

DCI 27 09:10:13.2.0.8, 8.11N-94.32E, mb4.0/7, mb1 4.2/8, mb1mx4.0/17, mbtmp3.9/8, Error ellipse: s-maj=34.1km s-min=22.0km az=44.0, Putative timing error at GERES

ISC 27 09:10:15.9.0.8, 8.2N-0.1, 91.4E.4.0.1, h33km, n12, o102/8, mb4.1/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CMAR Chiang Mail Arr, ZAL Zalesovo, etc.

DCI 27 09:21:12.8.2.1, 7.94N-93.83E, mb4.2/6, mb1 4.3/6, mb1mx3.9/17, mbtmp4.2/6, Error ellipse: s-maj=56.8km s-min=50.0km az=114.0, Nicobar Islands region

DCI 27 09:22:24.7.1.3, 7.57N-93.69E, mb4.0/7, mb1 4.2/7, mb1mx4.0/18, mbtmp4.0/7, Error ellipse: s-maj=134.9km s-min=22.1km az=44.0, Putative timing error at GERES, Nicobar Islands region

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

Table of station data for 27d 9h, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various station identifiers like VRI, MLR, LSZ, etc.

Table of station data for 2005 JAN, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various station identifiers like MOTA, NB2, NOA, etc.

Table of station data for 920, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various station identifiers like GERES, HFS, NB2, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Ulaanbaatar, Shenyang, Narrogin, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Seymchan, Muntele Rosu, Lusaka, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZAL, BRTR, GERES, etc.

Additional text providing specific timing and error information for the stations listed in the table.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BWNR Bhuvaneshwar, KOD Kodaikanal, KMI Kunming, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PMG Port Moresby, YSS Yuzh-Sakhalins, KMBO Kilima Mbojo, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MOTA Moosalm, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array B, MLR Muntele Rosu, FINES FINESSE Array B, etc.

IDC 27 10:07:37.0 1.5, 7.45N:93.70E, mb4.0/7, mb1 4.2/7, mb1mx4.0/7, mbtmp4.0/7, Error ellipse: s-maj=9.9km s-min=27.0km ...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZAL Zalesovo, WRA Warramunga Arr, BRTR Keskin Array B, etc.

MOS 27 10:08:10.9 1.2, 7.97N-94.17E, h33km, mb5.2/50, MS5.1/4, Error ellipse: s-maj=10.1km s-min=5.9km az=112.6

BUI 27 10:08:11.3, 7.75N:93.77E, h48km, mb5.4, mb4.8, Ms5.1, Ms25.0

HRVD 27 10:08:12.4 0.3, 7.92N-94.16E, h20km, mb5.1km, MW5.3/61, Centroid moment Tensor Solution. LP body waves: s16, c18, Mantle waves: s61, c111; Half duration: 1s1

NEIC 27 10:08:12.3 0.3, 7.96N-94.13E, h30km, mb5.1/48 Error ellipse: s-maj=8.2km s-min=7.4km az=93.0

IDC 27 10:08:15.1 4.1, 8.10N-94.28E, h54km, mb4.3/25, mb1 4.4/26, mb1mx4.4/26, mbtmp4.6/26, ML 4.3/1, MS4.7/1, Ms1 4.6/1, ms1mx3.1/1.9, Error ellipse: s-maj=22.0km s-min=11.7km az=47.0, Putative timing error at GERES

ISC 27 10:08:08.5 0.3, 7.90N 0.04, 94.16E 0.05, h17km, h17km, 1.4km, comp=PP-P, n215, c112/204, mb5.0/84, MS5.1/7, 18C-7D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: LZH, XP, sP, 10 14 32.0 +11, etc. Includes stations like LZH Lanzhou, NJ2 Nanjing, WMO Urumqi, etc.

Table with columns: KIV Kislovodsk, 57.31 318 eP, P, 10 17 54.9 -3.1, etc. Includes stations like KIMBO Kilima Mbogo, KIMBO Kilima Mbogo, etc.

27d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Las Mesas, Portuguez, Cerrillos, Colonia Sabana, Col San Antoni, Canovanas, Santo Domingo.

NEIC 27 10:21:05.7, 26.315S:69.61W, h5km, ML4.2(GUC), After GUC
GUC 27 10:21:05.7, 26.315S:69.61W, h5km, MD4.2, ML4.2, 1C, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Copiapo, Cerro Paranal, Vallendar, Antofagasta, Limon Verde, Tololo Astrono.

MOS 27 10:24:37.4, 1.3, 7.87N-94.06E, h33km, mb4.9/26, Error ellipse: s-maj=12.1km s-min=7.2km az=108.4
BUJ 27 10:24:38.8, 7.48N-93.66E, h57km, mb5.3, mb4.6, Ms5.0, Ms24.6

NEIC 27 10:24:38.7, 0.4, 7.82N-94.07E, h30km, mb4.8/14, MS4.4/1, Error ellipse: s-maj=12.6km s-min=9.8km az=47.0

IDC 27 10:24:40.6, 4.3, 7.87N-94.18E, h43km, mb4.2/19, mb1.4/2.0, mb1mx4.3/22, mbtmp4.4/20, ML3.9/1, MS4.4/1, Ms1.4/6/1, ms1mx3.0/24, Error ellipse: s-maj=24.6km s-min=12.4km az=50.0, Putative timing error at GERES

ISC 27 10:24:35.4, 0.4, 7.88N, 0.06E-94.10E, 0.06, h20km, h20km, 9km; p-P, n-1, c1531/105, mb4.7/41, MS4.8/3, 1D, Nicobar Islands region

Main table of station data for the 27d 10h period, including codes, station names, coordinates, and various parameters.

2005 JAN

Main table of station data for 2005 JAN, including codes, station names, coordinates, and various parameters.

926

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Lajitas Array, Junction City, Paso Flores, Paso Flores, Paso Flores.

IDC 27 10:25:42.1, 0.9, 7.25N-93.61E, mb4.3/12, mb1 4.5/13, mb1mx4.4/19, mbtmp4.3/13, ML4.3/1, Error ellipse: s-maj=39.3km s-min=18.8km az=48.0, Putative timing error at GERES

BUJ 27 10:25:43.3, 7.50N-93.90E, h30km, mb4.9, MOS 27 10:25:47.3, 2.4, 7.64N-93.93E, h33km, mb5.0/22, Error ellipse: s-maj=18.5km s-min=9.5km az=107.8

NEIC 27 10:25:47.3, 0.7, 7.53N-93.86E, h30km, mb4.9/17, Error ellipse: s-maj=25.0km s-min=13.2km az=50.0

HRVD 27 10:25:47.3, 0.5, 7.99N-94.26E, h12km, MW5.1/48, Centroid moment tensor solution. LP body waves: s4,c5; Mantle waves: s48,c73; Half duration: 1.0 Moment tensor: Scale 10^18Nm; Mr-1.01; 20; Mw-2.78; 14; Mw3.79; 17; Mw-2.28; 46; Mw0.52; 16; Mw-2.60; 56; Best double couple: M4.84x10^16 Np1.1x10^11, 842, 7, 169; NP2:0.43; 883; 1, 49; Principal axes: T5.186, P12.8; Azm102; N-692; P141; Azm217; P-4.494, P1338; Azm349; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

ISC 27 10:25:45.0, 0.7, 7.4N, 0.1, 93.8E, 0.1, h30km, n68, c1531/65, mb4.7/30, Nicobar Islands region

Main table of station data for the 926 period, including codes, station names, coordinates, and various parameters.

IDC 27 10:48:22.2.3.1, 22.16N-46.49W, mb3.6/4, mb1.3/8/4, mb1mx3.6/18, mbtmp3.9/4, Error ellipse: s-maj=109.5km s-min=31.6km az=31.0, Northern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DBIC	Dimbokro	42.99	105	Op	10 56 23.4	-1.9
YKA	Yellowknife Arr	60.49	30	P	10 58 33.5	-2.5
AKASG	Malin Array Be	64.22	43	P	10 58 59.2	-1.9
ILAR	Eielson Array	74.50	34	P	11 00 02.4	-1.6

IDC 27 10:49:39.5.9.7, 9.14N-93.88E, mb4.1/3, mb1.4/1/4, mb1mx3.7/17, mbtmp4.0/4, Error ellipse: s-maj=228.3km s-min=54.9km az=147.0, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.43	23	Op	10 52 10.7	-3.6
BRTR	Keskin Array B	61.41	310	P	10 59 56.9	-3.1
FINES	FINES Array B	71.48	332	P	11 01 02.2	-1.5
NB2	NORSAR Subarra	78.51	330	P	11 01 42.4	-1.5
NOA	NORSAR Array B	78.51	330	P	11 01 43.2	-0.7

IDC 27 10:50:10.4.0.7, 7.87N-93.83E, mb4.4/17, mb1.4/5/18, mb1mx4.5/21, mbtmp4.4/18, ML4.3/1, Error ellipse: s-maj=34.4km s-min=13.6km az=55.0, Putative timing error at GERES

BJJ 27 10:50:13.5.7, 5.0N-93.81E, h51km, mb5.2, mb4.7, Ms4.7, Ms2.4

NEIC 27 10:50:15.1.0.4, 7.85N-93.88E, h30km, mb4.8/15, Error ellipse: s-maj=12.9km s-min=0.7km az=67.0

ISC 27 10:50:14.5.0.5, 0.795N-0.077E, h30km, n56, s1933/51, mb4.7/38, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CM31	Chiang Mai Arr	11.43	23	Op	10 52 59.2	+0.7
CMAR	Chiang Mai Arr	11.43	23	Ph	10 52 59.5	+1.0
HYB	Hyderabad	17.90	303	eP	10 54 25.0	+2.3
HYB	Hyderabad	17.90	303	iP	10 54 25.0	+1.6
HYB	Hyderabad	17.90	303	eS	10 54 25.0	+2.3
HYB	Hyderabad	17.90	303	iS	10 54 25.0	+1.6
JIRN	Jiri	21.01	340	eP	10 54 57.5	-0.2
PKI	Pulchoki	21.21	338	eP	10 55 00.3	+0.6
GUN	Gumba	21.35	339	eP	10 55 00.0	-1.1
DMN	Daman	21.36	337	eP	10 55 01.9	+0.7
KKN	Kakani	21.45	338	eP	10 55 02.1	-0.1
LSA	Lhasa	21.82	353	eP	10 55 08.8	+3.0
LSA	Lhasa	21.82	353	eP	10 55 07.8	+2.0
GKN	Gorkha	21.89	337	eP	10 55 04.4	-2.1
KOLN	Koldanda	22.11	334	eP	10 55 07.8	-0.9
POO	Poona	22.38	300	eP	10 55 13.5	+2.1
NDI	New Delhi	26.09	324	eP	10 55 10.0	+3.7
WHN	Wuhan	29.36	37	eP	10 56 18.0	+1.3
NJ2	Nanjing	33.19	40	eP	10 56 51.0	+0.5

BJJ	Beijing	37.52	28	eP	10 57 29.6	+2.3
AAK	Ala-Arkai	55.65	337	eP	10 57 36.7	+0.1
SONM	Songino Array	41.08	13	P	10 57 56.8	+0.1
SONM	Songino Array	41.08	13	P	10 59 56.9	+0.2
ULN	Ulanbator	47.16	13	eP	10 57 57.6	-0.6
KURK	Kurchatov	44.55	346	eP	10 58 23.3	-1.7
NWAO	Narogin (SRO)	46.20	153	P	10 58 37.9	-0.5
ZAL	Zalzevov	46.48	352	P	10 58 38.8	-1.5
WRA	Warrungama Arr	48.28	126	P	10 58 54.1	-0.7
WRAB	Tennant Creek	48.28	126	P	10 58 54.5	-0.3
BVAR	Borovoye Array	48.93	341	P	10 58 57.5	-1.8
BVAR	Borovoye Array	48.93	341	P	10 58 58.2	-1.6
CHKZ	Chkalovo	49.41	342	eP	10 59 00.8	-2.3
ASAR	Alice Springs	49.94	130	P	10 59 07.8	+0.3
ASAR	Alice Springs	49.94	130	P	11 00 28.5	+0.8
PMG	Port Moresby	55.52	107	P	10 59 50.8	+1.6
PMG	Port Moresby	55.52	107	P	10 59 50.5	+1.3
KMBO	Kilima Mbogo	57.47	264	P	11 00 05.7	+2.5
KMBO	Kilima Mbogo	57.47	264	P	11 00 06.2	+3.0
BRTR	Keskin Array B	61.41	311	P	11 00 34.2	-2.4
MA2	Magadan	66.68	28	P	11 01 05.8	+1.8
AKASG	Malin Array Be	68.12	322	P	11 01 10.5	-2.7
FINES	FINES Array B	72.66	337	P	11 01 39.8	-0.7
KAF	Kangasniemi	72.74	333	eP	11 01 40.9	-0.1
LBTB	Lobatse	74.31	241	eP	11 01 52.7	+1.7
KEV	Kevo	74.78	341	eP	11 01 48.8	-3.9
ARCES	ARCCESS Array B	75.21	340	P	11 01 55.1	-0.1
GERES	GERESS Array B	77.79	318	P	11 01 59.9	-1.0
NB2	NORSAR Subarra	78.51	331	P	11 02 19.0	-1.3
NOA	NORSAR Array B	78.51	331	P	11 02 19.0	-1.3
LPG	La Plagne	78.59	315	eP	11 02 35.8	0.0
ILAR	Eielson Array	94.66	22	P	11 03 32.7	-0.4
INK	Inuvik	96.91	16	P	11 03 44.5	+1.2
NVAR	Mina Array Bea	124.84	31	PKP	11 09 13.7	+2.1
PSAR	Pinedale Array	125.09	21	PKP	11 09 14.0	+2.0
MDU	Marysvala	127.67	26	PKP	11 09 21.4	+4.2
TXAR	Lajitas Array	139.14	24	PKP	11 09 40.7	+1.9
JCT	Junction City	139.50	19	ePKP	11 09 41.5	+2.0
PLCA	Paso Flores	144.63	200	PKP	11 09 49.7	+1.6
PLCA	Paso Flores	144.63	200	PKP	11 09 49.7	+1.6

IDC 27 10:51:43.3.5.3, 7.96N-94.28E, h49km-49km, mb4.0/6, mb1.4/2/7, mb1mx3.9/17, mbtmp4.2/7, ML4.1/1, Error

ellipse: s-maj=45.5km s-min=26.9km az=39.0, Putative timing error at GERES

ISC 27 10:51:39.6.1.0, 7.9N-0.2.94.0E±0.2, h33km, n10, c0579/8, mb4.2/6, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.43	23	Op	10 54 23.7	+0.1
WRA	Warrungama Arr	48.19	126	P	11 00 19.1	-0.2
KMBO	Kilima Mbogo	57.54	264	P	11 01 29.2	+0.4
BRTR	Keskin Array B	62.49	311	P	11 02 01.1	-1.3
FINES	FINES Array B	72.73	332	P	11 03 05.7	-0.4
GERES	GERESS Array B	77.87	318	P	11 03 25.2	-1.1
NB2	NORSAR Subarra	79.75	331	P	11 03 47.3	+1.6
NOA	NORSAR Array B	79.75	331	P	11 03 46.9	+1.2
PDAR	Pinedale Array	125.09	21	PKP	11 03 38.7	+1.6
PLCA	Paso Flores	144.63	200	PKP	11 11 14.9	+1.7

IDC 27 10:53:59.1.1.1, 7.56N-93.87E, mb4.0/10, mb1.4/2/11, mb1mx4.1/18, mbtmp4.0/11, ML4.2/1, Error ellipse: s-maj=43.4km s-min=25.7km az=55.0, Putative timing error at GERES

ISC 27 10:54:03.0.1.0, 7.8N-0.1.94.2E±0.2, h33km, n15, c0929/11, mb4.0/10, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.55	23	Op	10 56 48.8	+0.0
SONM	Songino Array	41.22	12	P	11 01 50.0	+3.7
ZAL	Zalzevov	46.62	352	P	11 02 30.2	+0.4
WRA	Warrungama Arr	48.17	126	P	11 02 42.2	-0.2
BVAR	Borovoye Array	49.37	341	P	11 02 48.2	-0.2
KMBO	Kilima Mbogo	57.47	264	P	11 03 54.2	+2.5
BRTR	Keskin Array B	62.52	311	P	11 04 24.7	-1.1
FINES	FINES Array B	72.80	332	P	11 05 29.4	-0.4
ARCES	ARCCESS Array B	75.39	340	P	11 05 44.7	+0.2
GERES	GERESS Array B	77.92	318	P	11 05 49.7	-1.0
NOA	NORSAR Array B	79.82	331	P	11 06 08.8	-0.6
NVAR	Mina Array Bea	124.95	31	PKP	11 13 01.8	+1.4
PDAR	Pinedale Array	125.21	21	PKP	11 13 02.7	+2.0
TXAR	Lajitas Array	139.28	24	PKP	11 13 30.2	+2.8
PLCA	Paso Flores	144.51	200	PKP	11 13 38.6	+2.3

IDC 27 10:54:35.8.1.2, 7.72N-93.84E, mb4.1/8, mb1.4/3/9, mb1mx4.1/17, mbtmp4.1/9, ML3.9/1, Error ellipse: s-maj=49.5km s-min=26.6km az=50.0, Putative timing error at GERES

ISC 27 10:54:39.0.1.1, 7.8N-0.2.94.0E±0.2, h33km, n11, c0594/9, mb4.2/8, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.59	24	Op	10 57 25.0	-0.3
ZAL	Zalzevov	46.57	353	P	11 03 04.8	-0.6
WRA	Warrungama Arr	48.34	125	P	11 03 19.6	-0.2
BRTR	Keskin Array B	62.36	311	P	11 04 59.7	-1.1
AKASG	Malin Array Be	68.11	322	P	11 05 36.5	-1.1
FINES	FINES Array B	72.69	332	P	11 06 06.2	+1.0
ARCES	ARCCESS Array B	75.26	340	P	11 06 21.7	+1.7
GERES	GERESS Array B	77.77	318	P	11 06 26.8	-7.8
NOA	NORSAR Array B	79.70	331	P	11 06 45.6	+0.7
PDAR	Pinedale Array	125.25	21	PKP	11 13 39.3	+2.0
PLCA	Paso Flores	144.47	200	PKP	11 14 14.3	+2.0

IDC 27 10:55:28.3.1.7, 7.96N-93.80E, mb4.2/5, mb1.4/6, mb1mx4.0/17, mbtmp4.2/6, ML4.6/1, Error ellipse: s-maj=57.5km s-min=31.2km az=59.0, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.57	25	Op	10 58 16.0	-1.8
SONM	Songino Array	41.15	13	P	11 03 13.1	-2.8
ZAL	Zalzevov	46.67	353	P	11 03 57.0	-1.4
WRA	Warrungama Arr	48.58	125	P	11 04 14.0	-1.9
FINES	FINES Array B	72.48	332	P	11 06 56.5	-1.9
ARCES	ARCCESS Array B	75.07	340	P	11 07 11.8	-1.6

BJJ 27 10:57:58.6.7, 15N-93.65E, h30km, mb5.4, mb4.8, Ms2.2, Ms2.9

IDC 27 10:58:02.0.5.7, 9.2N-94.13E, mb4.7/24, mb1.4/8/25, ms1mx4.8/26, mbtmp4.7/25, ML4.3/1, MS4.9/5, MS1.4/9/5, ms1mx4.8/26, Error ellipse: s-maj=20.1km s-min=12.4km az=40.0, putative timing error at GERES and LPZ

MOS 27 10:58:07.1.2.8, 13N-94.10E, h33km, mb5.5/3, MS5.0/7, Error ellipse: s-maj=9.6km s-min=5.3km az=115.0

HRVD 27 10:58:07.3.0.2, 7.91N-94.11E, h14km-1km, MW5.3/62, Centroid moment tensor solution. LP body waves: s32,c47,Mantle waves: s62,c118; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mrr-0.33±0.3; Mtr-0.04±0.2; Mtt-0.37±0.3; Mtr-0.01±0.5; Mtr-0.00±0.3; Mtr-0.01±0.6; Best double couple: Mo 1.021x10¹⁷ NP1: φs174°, φt90°, λ180°. NP2: φs264°, φt90°, λ0°. Principal axes: T 1.167, P190°, Azm129°; N -333, P190°, Azm295°;

P-.854, P190°, Azm39°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. NEIC 27 10:58:07.3.0.2, 7.94N-94.17E, h30km, mb5.5/4, MS4.7/1, Error ellipse: s-maj=7.1km s-min=5.7km az=56.0

CSEM 27 10:58:03.6.0.2, 7.93N-0.04.94.17E±0.03, h16km, h16km±1.6km, comp-P, n243, c1919/243, mb5.1/87, MS5.0/17, 16C-5D, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CMAR	Chiang Mai Arr	11.45	23	Op	11 00 49.7	0.0
CMAR	Chiang Mai Arr	11.45	23	Ph	11 00 49.6	0.0
CHG	Chiang Mai	11.77	23	iP	11 00 57.0	+3.0
NANT	Nan	12.53	30	eP	11 01 05.0	+0.8
VIS	Vishakhapatnam	14.36	314	eP	11	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESKA, EKA, ESDC, IMA, ILAR, INK, NVAR, PDAR, MSU, PVU, ANMO, PLCA, SJC, SJG, TEIG, SDV, LPZ, LPZ.

IDC 27 11:01:00.5-0.7, 7.83N-93.95E, mb4.3/15, mb1 4.5/16, mb1mx4.4/21, mbtmp4.3/16, ML4.4/1, Error ellipse: s-maj=29.8km s-min=16.7km az=57.0

BUI 27 11:01:03.4, 7.55N-93.53E, h57km, mb5.0, mb4.9, Ms5.2, Ms2.0

NEIC 27 11:01:04.8, 0.4, 7.86N-93.94E, h30km, mb4.7/10, Error ellipse: s-maj=12.5km s-min=8.5km az=81.0

ISC 27 11:01:03.3-0.4, 7.80N-0.06, 93.96E, 0.07, h33km, n53, c098/47, mb4.6/30, 1.C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, HYB, KMI, COCO, JIRN, PKI, DMN, GUN, KKN, GKN, LSA, KOLN, ENH, WHJ, NJ2, BJI, AAK, SONM, WRA, WRAB, CHKZ, ASAR, KMB, STKA, BRTR, MBR, FINES, ARCES, MORC, BILL, GERES, KHC, NB2, NOA, LPGA, EKA, IMA, IPU, ILAR, INK, NVAR, PDAR, ANMO, TXAR, JCT, PLCA.

IDC 27 11:05:16.6-4.3, 24.64N-46.26W, mb4.1/9, mb1 4.2/9, mb1mx4.0/19, mbtmp4.1/9, Error ellipse: s-maj=116.7km s-min=27.3km az=2.0

NEIC 27 11:05:38.0, 1.4, 24.19N-46.31W, h210km, mb3.7/3, Error ellipse: s-maj=39.3km s-min=18.0km az=119.0

ISC 27 11:05:15.1, 6.24N, 0.3, 46.3W, 0.2, h100km, n13, c082/13, mb4.2/11, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBIC, FCC, FFC, NB2, NOA, PDAR, YKA, FINES, ARCES, AKASO, BRTR, ILAR, BVAR.

IDC 27 11:07:08.3-0.8, 7.92N-94.05E, mb4.1/11, mb1 4.3/12, mb1mx4.2/17, mbtmp4.1/12, ML4.1/1, Error ellipse: s-maj=29.1km s-min=19.2km az=50.0

NEIC 27 11:07:12.9, 0.5, 7.96N-94.15E, h30km, mb4.5/5, Error ellipse: s-maj=15.5km s-min=11.8km az=79.0

ISC 27 11:07:10.7-0.6, 7.98N-0.09, 94.24E, 0.10, h30km, n25, c1507/22, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, HYB, LSA, ENH, SONM, KURK, ZAL, WRA, WRAB, CHKZ, ASAR, KMB, BRTR, AKASO, FINES, ARCES, MORC, GERES, NB2, NOA, NVAR, PDAR, PLCA.

IDC 27 11:14:43.4-0.8, 7.75N-93.84E, h22km, mb4.2/15, mb1 4.4/16, mb1mx4.4/19, mbtmp4.4/16, ML4.5/1, MS2.6/1, MS1.2/6.1, ms1mx2.3/31, Error ellipse: s-maj=34.5km s-min=12.6km az=60.0

BUI 27 11:14:44.2, 7.53N-93.90E, h50km, mb5.6, mb4.6, Ms4.9, Ms2.5

NEIC 27 11:14:44.8, 0.4, 7.76N-93.95E, h30km, mb4.8/18, Error ellipse: s-maj=12.8km s-min=8.7km az=73.0

ISC 27 11:14:42.8, 0.4, 7.82N-0.06, 94.17E, 0.07, h25km, n25km, pP, n63, c1915/54, mb4.7/39, MS2.5/1, 1.C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, HYB, KMI, COCO, JIRN, PKI, DMN, GUN, KKN, GKN, LSA, KOLN, ENH, WHJ, NJ2, BJI, AAK, SONM, WRA, WRAB, CHKZ, ASAR, KMB, STKA, BRTR, MBR, FINES, ARCES, MORC, BILL, GERES, KHC, NB2, NOA, LPGA, EKA, IMA, IPU, ILAR, INK, NVAR, PDAR, ANMO, TXAR, JCT, PLCA.

IDC 27 11:08:14.4-0.8, 7.68N-93.86E, mb4.2/13, mb1 4.3/14, mb1mx4.3/18, mbtmp4.1/14, ML3.8/1, Error ellipse: s-maj=39.0km s-min=17.9km az=52.0

BUI 27 11:08:19.1, 7.80N-94.00E, h30km, mb4.7

NEIC 27 11:08:19.2, 0.5, 7.80N-94.02E, h30km, mb4.7/8, Error ellipse: s-maj=16.0km s-min=10.0km az=67.0

ISC 27 11:08:16.8-5.1, 7.8N, 0.1, 94.2E, 0.1, h24km, n35km, n38, c121/30, mb4.4/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, HYB, LSA, LSH, LZH, LZH, WMQ, AAK, SONM, KURK, ZAL, WRA, WRAB, CHKZ, ASAR, ARU, ARU, KMB, STKA, BRTR, AKASO, FINES, MORC, GERES, KHC, CLL, NB2, LPGA, EKA.

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

IDC 27 11:13:40.8-0.9, 7.81N-93.97E, mb3.9/10, mb1 4.1/11, mb1mx4.0/18, mbtmp3.9/11, ML3.9/1, Error ellipse: s-maj=33.1km s-min=20.9km az=51.0

ISC 27 11:13:41.9, 8.7, 7.8N, 0.2, 94.1E, 0.2, h20km, n60km, n22, c0579/19, mb4.3/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, WRA, BVAR, ASAR, KMB, BRTR, AKASO, ARCES, NB2, PDAR, TXAR, PLCA.

IDC 27 11:14:43.4-0.8, 7.75N-93.84E, h22km, mb4.2/15, mb1 4.4/16, mb1mx4.4/19, mbtmp4.4/16, ML4.5/1, MS2.6/1, MS1.2/6.1, ms1mx2.3/31, Error ellipse: s-maj=34.5km s-min=12.6km az=60.0

BUI 27 11:14:44.2, 7.53N-93.90E, h50km, mb5.6, mb4.6, Ms4.9, Ms2.5

NEIC 27 11:14:44.8, 0.4, 7.76N-93.95E, h30km, mb4.8/18, Error ellipse: s-maj=12.8km s-min=8.7km az=73.0

ISC 27 11:14:42.8, 0.4, 7.82N-0.06, 94.17E, 0.07, h25km, n25km, pP, n63, c1915/54, mb4.7/39, MS2.5/1, 1.C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, HYB, KMI, COCO, JIRN, PKI, DMN, GUN, KKN, GKN, LSA, KOLN, ENH, WHJ, NJ2, BJI, AAK, SONM, WRA, WRAB, CHKZ, ASAR, KMB, STKA, BRTR, MBR, FINES, ARCES, MORC, BILL, GERES, KHC, NB2, NOA, LPGA, EKA, IMA, IPU, ILAR, INK, NVAR, PDAR, ANMO, TXAR, JCT, PLCA.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like ASAR Alice Springs, ASAR Kilima Mbogo, ASAR Kilima Mbogo, etc.

IDC 27 11:44:00.2, 0.4, 8.06N, 94.21E, mb4.7/26, mb1.4 8/27, mb1mk4.8/27, mbtmp4.7/27, ML4.8/1, Error ellipse: s-maj=19.7km s-min=11.5km az=47.0

MOS 27 11:44:04.3, 1.0, 8.01N, 94.24E, h37km, mb5.3/64, MSS.0/4, Error ellipse: s-maj=9.7km s-min=5.3km az=117.0

BUI 27 11:44:04.2, 7.67N, 93.87E, h53km, mb5.3, mb4.9, Ms5.4, Msz5.0

HRVD 27 11:44:05.0, 0.5, 8.02N, 94.15E, h12km, MW5.2/32, Centroid moment Tensor Solution, LP body waves, s32, e50; Half duration: 150

Moment tensor: Scale 1016N/m; Mw=2.72; 46; Ms=6.3; 1.20; Mw=4.98; 36; Ms=3.8; 1.33; Best double couple: Ms=7.36x1016 NP1: 0.246; 858; 1.29; NP2: 0.353; 865; 1.145; Principal axes: T: 0.777, Plg4; Azm118; N: 3.317, Plg48; Azm23; P: 10.395, Plg42; Azm112; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 11:44:05.0, 0.2, 7.98N, 94.18E, h30km, mb5.1/71 Error ellipse: s-maj=5.9km s-min=4.7km az=55.0

ISC 27 11:44:02.7, 0.2, 7.94N, 94.03, 94.1E, 0.3, h25km, h25km, 9km; pP, n291, r1908/280, mb5.0/106, MSS.2/8, 24C-15D, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like PBA Port Blair, NST Nakhon Sawan, CMAR Chiang Mai Arr, etc.

Table with columns: POO Poona, NDI New Delhi, AJM Ajmer, ENH Enshi, SMLA Simla, etc. Includes stations like POO Poona, NDI New Delhi, AJM Ajmer, ENH Enshi, SMLA Simla, etc.

Table with columns: WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, etc. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: SIM, Mbarara, MBAR, etc. Includes station names, coordinates, and various data points.

Table with columns: MAW, MAWson, MAW, etc. Includes station names, coordinates, and various data points.

Table with columns: TXAR, Lajitas Array, Junction City, etc. Includes station names, coordinates, and various data points.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Upice, Grobnik, Arzberg, Pruhonice, Panska Ves, Bornholm Skovb, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Yellowknife Arr, Schefferville, Minna Array, Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Hawqa, Bhannes, Mount Hermon, Kefar Szold, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, BRTR Keskin Array B, AKASG Malin Array Be, etc.

IDC 27 12:23:21.2±0.3, 0.1.935±178.08W, mb3.9/2, mb1 4.2/3, mb1mx4.3/13, mbtmp3.9/3, ML3.4/1, Error ellipse: s-maj=69.1km s-min=36.0km az=115.0, Kermadec Islands region

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

BUI 27 12:23:51.1, 12.83N-92.70E, h50km, mb4.4, Ms4.8, Ms2.5

IDC 27 12:23:52.0±0.6, 13.16N-93.13E, mb4.3/17, mb1 4.4/18, mb1mx4.3/24, mbtmp4.3/18, ML4.3/1, Error ellipse: s-maj=24.6km s-min=13.5km az=50.0

NEIC 27 12:23:56.6±0.4, 13.25N-93.19E, h30km, mb4.6/10, Error ellipse: s-maj=11.1km s-min=7.6km az=64.0

ISC 27 12:23:55.1±0.4, 13.23N-0.06E-93.19E, 0.6E, h33km, n42, ±1502.40, mb4.4/27, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHRT Chiangrai, etc.

BUI 27 12:31:31.2, 24.15N-121.68E, h37km, mb5.2, mb4.2, ML4.4, Ms4.6, Ms2.5

NEIC 27 12:31:32.7±1.1, 24.13N-121.74E, h50km±11km, mb4.5/14, 16km, Error ellipse: s-maj=12.7km s-min=7.4km az=53.0

NEIC Recorded [3 TAP] in Hualien and I-Ian: [2 TAP] in Nan-tou, T'ai-chung and T'ai-pei; [1 TAP] in Chang-hua, Hsin-chu, Miao-li, T'ai-pei and Yun-lin Counties.

JMA 27 12:31:34.0±0.2, 24.30N-121.83E, h76km±4km, M4.3, IDC 27 12:31:34.6±0.2, 24.24N-121.96E, h67km±30km, mb3.7/11, mb1 3.9/12, mb1mx3.8/22, mbtmp4.1/12, ML4.9/1, Error ellipse: s-maj=19.3km s-min=14.1km az=78.0

TAP 27 12:31:34.4, 24.24N-121.75E, h46km, ML4.8

TAP Felt II J at Chiawan, III J at Nanau, II J at Hualien, II J at Sual, II J at Nanshan, III J at Nioudou, II J at Huananshan, II J at Shilin, II J at Neicheng, I J at I-Ian, II J at Taichen, I J at Sanguang, I J at Mucha, I J at Nanjuang, I J at Santiao Chiao, I J at Junglie, I J at Taipei, I J at Ruyetan, I J at Liyutan, II J at Jungli (National Central University), I J at Hsinchu, I J at Sanyi, I J at Kuangyingshan, I J at Taichung, II J at Mingjian, I J at Alishan, I J at Tsaling, I J at Chengkung, I J at Gukung, I J at Dacheng, I J at Chiayi, I J at Sshu.

ISC 27 12:31:33.3±0.2, 24.24N-102.121.80E±0.02, h68km±2km, n116, ±1809/169, mb4.2/21, 22B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA, TWD Chiawan, HWA Hualien, etc.

IDC 27 12:24:41.8±1.5, 8.13N-94.23E, mb4.3/14, mb1 4.4/14, mb1mx4.3/21, mbtmp4.3/14, Error ellipse: s-maj=40.9km s-min=34.7km az=140.0

BUI 27 12:24:45.1, 8.00N-94.40E, h30km, mb4.8

NEIC 27 12:24:45.1±0.8, 7.97N-94.44E, h30km, mb4.7, Error ellipse: s-maj=24.1km s-min=17.8km az=112.0

ISC 27 12:24:43.4±1.7, 8.0N-0.2E-94.6E±0.2, h33km, n29, ±1502.24, mb4.4/21, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HYB Hyderabad, LSA Lhasa, AAK Ala-Archa, etc.

IDC 27 12:28:39.8±7.6, 6.8N-93.97E, h76km±64km, mb3.5/8, mb1 3.6/9, mb1mx3.5/19, mbtmp3.8/9, ML3.7/1, Error ellipse: s-maj=59.1km s-min=20.5km az=52.0

ISC 27 12:28:32.8±0.9, 7.5N-102.2, h33km, n11, ±0568/9, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, BVAR Borovoye Array, etc.

BUI 27 12:31:31.2, 24.15N-121.68E, h37km, mb5.2, mb4.2, ML4.4, Ms4.6, Ms2.5

NEIC 27 12:31:32.7±1.1, 24.13N-121.74E, h50km±11km, mb4.5/14, 16km, Error ellipse: s-maj=12.7km s-min=7.4km az=53.0

NEIC Recorded [3 TAP] in Hualien and I-Ian: [2 TAP] in Nan-tou, T'ai-chung and T'ai-pei; [1 TAP] in Chang-hua, Hsin-chu, Miao-li, T'ai-pei and Yun-lin Counties.

JMA 27 12:31:34.0±0.2, 24.30N-121.83E, h76km±4km, M4.3, IDC 27 12:31:34.6±0.2, 24.24N-121.96E, h67km±30km, mb3.7/11, mb1 3.9/12, mb1mx3.8/22, mbtmp4.1/12, ML4.9/1, Error ellipse: s-maj=19.3km s-min=14.1km az=78.0

TAP 27 12:31:34.4, 24.24N-121.75E, h46km, ML4.8

TAP Felt II J at Chiawan, III J at Nanau, II J at Hualien, II J at Sual, II J at Nanshan, III J at Nioudou, II J at Huananshan, II J at Shilin, II J at Neicheng, I J at I-Ian, II J at Taichen, I J at Sanguang, I J at Mucha, I J at Nanjuang, I J at Santiao Chiao, I J at Junglie, I J at Taipei, I J at Ruyetan, I J at Liyutan, II J at Jungli (National Central University), I J at Hsinchu, I J at Sanyi, I J at Kuangyingshan, I J at Taichung, II J at Mingjian, I J at Alishan, I J at Tsaling, I J at Chengkung, I J at Gukung, I J at Dacheng, I J at Chiayi, I J at Sshu.

ISC 27 12:31:33.3±0.2, 24.24N-102.121.80E±0.02, h68km±2km, n116, ±1809/169, mb4.2/21, 22B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA, TWD Chiawan, HWA Hualien, etc.

IDC 27 12:24:41.8±1.5, 8.13N-94.23E, mb4.3/14, mb1 4.4/14, mb1mx4.3/21, mbtmp4.3/14, Error ellipse: s-maj=40.9km s-min=34.7km az=140.0

BUI 27 12:24:45.1, 8.00N-94.40E, h30km, mb4.8

NEIC 27 12:24:45.1±0.8, 7.97N-94.44E, h30km, mb4.7, Error ellipse: s-maj=24.1km s-min=17.8km az=112.0

ISC 27 12:24:43.4±1.7, 8.0N-0.2E-94.6E±0.2, h33km, n29, ±1502.24, mb4.4/21, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ELYT Yuchr, HYS Hsinchu, HSN Hsinchu, etc.

IDC 27 12:28:39.8±7.6, 6.8N-93.97E, h76km±64km, mb3.5/8, mb1 3.6/9, mb1mx3.5/19, mbtmp3.8/9, ML3.7/1, Error ellipse: s-maj=59.1km s-min=20.5km az=52.0

ISC 27 12:28:32.8±0.9, 7.5N-102.2, h33km, n11, ±0568/9, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, BVAR Borovoye Array, etc.

BUI 27 12:31:31.2, 24.15N-121.68E, h37km, mb5.2, mb4.2, ML4.4, Ms4.6, Ms2.5

NEIC 27 12:31:32.7±1.1, 24.13N-121.74E, h50km±11km, mb4.5/14, 16km, Error ellipse: s-maj=12.7km s-min=7.4km az=53.0

NEIC Recorded [3 TAP] in Hualien and I-Ian: [2 TAP] in Nan-tou, T'ai-chung and T'ai-pei; [1 TAP] in Chang-hua, Hsin-chu, Miao-li, T'ai-pei and Yun-lin Counties.

JMA 27 12:31:34.0±0.2, 24.30N-121.83E, h76km±4km, M4.3, IDC 27 12:31:34.6±0.2, 24.24N-121.96E, h67km±30km, mb3.7/11, mb1 3.9/12, mb1mx3.8/22, mbtmp4.1/12, ML4.9/1, Error ellipse: s-maj=19.3km s-min=14.1km az=78.0

TAP 27 12:31:34.4, 24.24N-121.75E, h46km, ML4.8

TAP Felt II J at Chiawan, III J at Nanau, II J at Hualien, II J at Sual, II J at Nanshan, III J at Nioudou, II J at Huananshan, II J at Shilin, II J at Neicheng, I J at I-Ian, II J at Taichen, I J at Sanguang, I J at Mucha, I J at Nanjuang, I J at Santiao Chiao, I J at Junglie, I J at Taipei, I J at Ruyetan, I J at Liyutan, II J at Jungli (National Central University), I J at Hsinchu, I J at Sanyi, I J at Kuangyingshan, I J at Taichung, II J at Mingjian, I J at Alishan, I J at Tsaling, I J at Chengkung, I J at Gukung, I J at Dacheng, I J at Chiayi, I J at Sshu.

ISC 27 12:31:33.3±0.2, 24.24N-102.121.80E±0.02, h68km±2km, n116, ±1809/169, mb4.2/21, 22B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA, TWD Chiawan, HWA Hualien, etc.

IDC 27 12:24:41.8±1.5, 8.13N-94.23E, mb4.3/14, mb1 4.4/14, mb1mx4.3/21, mbtmp4.3/14, Error ellipse: s-maj=40.9km s-min=34.7km az=140.0

BUI 27 12:24:45.1, 8.00N-94.40E, h30km, mb4.8

NEIC 27 12:24:45.1±0.8, 7.97N-94.44E, h30km, mb4.7, Error ellipse: s-maj=24.1km s-min=17.8km az=112.0

ISC 27 12:24:43.4±1.7, 8.0N-0.2E-94.6E±0.2, h33km, n29, ±1502.24, mb4.4/21, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LZH Lanzhou, LZH WJQ, WJQ Beijing, etc.

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

IDC 27 12:32:21.8i.5.9, 7.89N, 94.54E, h51km, 52km, mb3.6/6, mb1.3/9.7, mb1mx3.7/17, mbtpr3.9/7, ML4.0/1, Error ellipse: s-maj=39.4km s-min=26.9km az=41.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 27 12:32:17.8i.1.0, 7.8N, 0.2.94 SE, 0.2, h33km, n10, r1502/7, mb3.9/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LZH Lanzhou, LZH WJQ, WJQ Beijing, etc.

IDC 27 12:32:17.8i.1.0, 7.8N, 0.2.94 SE, 0.2, h33km, n10, r1502/7, mb3.9/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 27 12:32:50.0i.0.9, 7.77N, 93.89E, mb4.0/11, mb1.4/12, mb1mx4.1/18, mbtpr4.0/12, Error ellipse: s-maj=41.2km s-min=19.7km az=50.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 27 12:32:53.7i.0.8, 7.8N, 0.1.1, 94.0E, 0.2, h33km, n17, r1500/13, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 27 12:36:00.4i.5.2, 8.33N, 94.30E, h98km, 46km, mb3.6/9, mb1.3/8/10, mb1mx3.7/17, mbtpr4.0/10, MS4.4/2, Ms1.4/2, ms1mx3.4/27, Error ellipse: s-maj=31.8km s-min=21.2km az=56.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 27 12:34:03.0i.0.5, 7.93N, 93.98E, mb4.5/21, mb1.4/6/22, mb1mx4.6/24, mbtpr4.5/22, ML4.1/1, Error ellipse: s-maj=27.5km s-min=12.6km az=53.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

MOS 27 12:34:06.9i.1.3, 8.03N, 94.18E, h33km, mb4.9/34, Error ellipse: s-maj=13.7km s-min=7.4km az=109.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LZH Lanzhou, LZH WJQ, WJQ Beijing, etc.

NEIC 27 12:37:05.0i.0.5, 7.79N, 94.05E, h30km, mb4.4/2, Error ellipse: s-maj=18.6km s-min=13.7km az=76.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, etc.

27d 12h

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BJJ 27 12:37:27.7, 7.48N-93.45E, h51km, mb5.1, mb4.5, Ms5.2, Ms2.4, 7.
NEIC 27 12:37:27.3, 0.4, 7.65N-94.05E, h30km, mb4.8/12, Error ellipse: s-maj=10.8km s-min=9.5km az=51.0

ISC 27 12:37:34.1, 4.5, 7.90N-94.90E, h80km, 39km, mb3.9/18, mb1.4, 1/19, mb1mx4.0/23, mbtmp4.2/19, MS4.6/2, Ms1.4/6, 2, ms1mx3.6/23, Error ellipse: s-maj=26.9km s-min=15.2km az=52.0

ISC 27 12:37:27.2, 4.7, 7.76N-100.09E, 94.17E-0.07, h39km, 20km, n53, c1900/46, mb4.4/28, MS4.7/2, 1C-10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like N2J Nanjing, WJQ Urumqi, BJM Beijing, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like SONM Songino Array, ULN Ulanbaatar, NWA0 Narogin (SRO), etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, GNI Garni, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like BRTR Keskin Array B, MBAR Mabarara, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like AKASG Malin Array B, IDI Anoyia, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like VYHS Vyhne, ARCES ARCES Array B, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like MAW Mawson, CLL Colim, GRF Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, LPGA La Plagne, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like ESDG Sonsea Array, VNDA Vanda, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like PDAR Pinedale Array, TXAR Lajitas Array, TXAR Tennant Creek, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like GUN Gumba, DMN Daman, KKN Kakani, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, LPGA La Plagne, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like TXAR Tennant Creek, PLCA Paso Flores, etc.

NEIC 27 12:50:48.7, 0.4, 7.73N-93.96E, h30km, mb4.5/7, Error ellipse: s-maj=12.3km s-min=8.7km az=77.0

ISC 27 12:50:49.3, 3.7, 7.80N-101.94E-0.1, h52km, 32km, n31, c084/26, mb4.2/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like AAK Ala-Archa, SONM Songino Array, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NWA0 Narogin (SRO), NWA0 Narogin (SRO), ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like WRAB Borovoye Array, CHZK Chkalovo, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like STKA Stephens Creek, BRTR Keskin Array B, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like FINES FINESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like DAVOS Davos, YKA Yellowknife Arr, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like TXAR Lajitas Array, PLCA Paso Flores, PLCA Paso Flores, etc.

ISC 27 12:52:43.1, 0.8, 7.79N-93.91E, mb4.0/10, mb1.4/11, mb1mx4.0/19, mbtmp4.0/11, ML3.6/1, Error ellipse: s-maj=38.1km s-min=17.2km az=59.0

NEIC 27 12:52:43.1, 0.5, 7.82N-94.09E, h30km, mb4.5/5, Error ellipse: s-maj=18.9km s-min=11.2km az=67.0

ISC 27 12:52:45.3, 3.2, 7.9N-101.94E-0.1, h64km, 29km, n22, c1905/20, mb4.1/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like LSA Lhasa, SONM Songino Array, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NWA0 Narogin (SRO), ZAL Zalesovo, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like NAH1 Tamagusuku T, JJT2 Tamagusuku T, JJT3 Tamagusuku T, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like JTH Itheya, JOW Kunigami, JOW Kunigami, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns for station code, name, coordinates, and various parameters. Includes stations like Shenyang, Zakamensk, Talaya, Kurchatov, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like ARCES, BOSA, BILL, DPC, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like KOD, HYB, HYB, HYB, etc.

27d 13h

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

NEIC 27 13:38:38.0-0.6, 7.80N-93.93E, h30km, mb4/6, 1, Error ellipse: s-maj=18.6km s-min=13.7km az=66.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ENH Enshi, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ENH Enshi, AAK Ala-Archa, etc.

IDC 27 13:38:48.1±0.8, 7.47N-93.72E, mb4.2/16, mb1 4.3/17, mb1mx4.3/23, mbtmp4.2/17, ML3.3/1, Error ellipse: s-maj=34.1km s-min=17.1km az=48.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

IDC 27 13:39:12.2±0.8, 8.17N-93.73E, mb4.4/19, mb1 4.5/20, mb1mx4.4/25, mbtmp4.3/20, ML3.0/1, Error ellipse: s-maj=33.1km s-min=18.9km az=46.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BRTO Kiliima Mboogo, KBRM Keskin Array, etc.

CASC 27 13:43:36.7±2.0, 13.90N-90.84W, h82km±13km, MD3.9, ML3.8

IDC 27 13:44:07.7±1.5, 15.28N-90.69W, h319km, 10gkm, ML3.6/6, 7.47, mb1mx3.2/17, mbtmp3.9/7, Error ellipse: s-maj=115.2km s-min=28.8km az=167.0

ISC 27 13:43:35.0±0.6, 13.96N-108.90E, h103km, n44, n36, n078/51, mb3.9/6, 13C-12D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like XGD Ixapaco, FUG Fuego 3, PCG Pacaya, etc.

IDC 27 13:45:34.9±0.7, 7.99N-93.70E, h41km, mb4.7

NEIC 27 13:45:35.9±0.5, 7.94N-94.01E, h30km, mb4.6/9, Error ellipse: s-maj=14.7km s-min=10.5km az=67.0

IDC 27 13:45:40.0±0.5, 8.03N-94.22E, h68km±67km, mb3.9/18, mb1 4.0/19, mb1mx4.0/26, mbtmp4.2/19, ML4.1/1, MS4.1/1, Ms1.4/1.1, ms1mx2.3/23, Error ellipse: s-maj=30.2km s-min=14.5km az=55.0

ISC 27 13:45:34.0±0.7, 9.69N-107.9409E, h30km, n44, n122/339, mb4.3/27, MS4.1/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, CBII Chichi jima, CHZK Chivovs, etc.

IDC 27 13:49:04.6±0.6, 7.70N-93.99E, mb4.2/22, mb1 4.3/23, mb1mx4.3/26, mbtmp4.2/23, ML4.5/1, Error ellipse: s-maj=25.7km s-min=13.8km az=51.0

BUI 27 13:49:08.7, 7.90N-93.13E, h29km, mb4.3

NEIC 27 13:49:09.1±0.4, 7.73N-94.04E, h30km, mb4.5/12, Error ellipse: s-maj=1.9km s-min=5.4km az=59.0

ISC 27 13:49:07.6±0.5, 7.48±0.07, 94.09E±0.08, h33km, n50, n1502/47, mb4.0/33, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

950

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHMS Chumysh, USP Oспенovka, MKAR Makanchi Array, etc.

IDC 27 13:51:37.74.9, 8.16N-94.48E, h90km, 4.3km, mb3.6/10, mb1 3.9/1, mb1mx3.7/19, mbtmp3.9/11, Error ellipse: s-maj=33.6km s-min=16.6km az=48.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warramunga Arr, etc.

IDC 27 13:52:48.3.0.4, 8.28N-93.75E, h30km, mb4.4/4, Error ellipse: s-maj=14.8km s-min=9.3km az=60.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, etc.

IDC 27 13:52:52.5.4.9, 8.41N-93.86E, h65km, 4.4km, mb3.9/16, mb1 4.0/17, mb1mx3.9/23, mbtmp4.2/17, ML4.8/1, Error ellipse: s-maj=28.5km s-min=13.5km az=47.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHMS Chumysh, USP Oспенovka, MKAR Makanchi Array, etc.

ISC 27 13:52:47.7.4.9, 8.30N-1.1.93.8E, 0.2, h40km, 4.3km, n27, 0.594/24, mb4.2/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, LSA Lsa, SONM Sogingo Array, etc.

IDC 27 13:52:47.7.4.9, 8.30N-1.1.93.8E, 0.2, h40km, 4.3km, n27, 0.594/24, mb4.2/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, etc.

IDC 27 13:52:47.7.4.9, 8.30N-1.1.93.8E, 0.2, h40km, 4.3km, n27, 0.594/24, mb4.2/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHMS Chumysh, USP Oспенovka, MKAR Makanchi Array, etc.

BUI 27 13:54:14.9, 7.54N-94.04E, h53km, mb5.5, mb4.9, MS5.6, MSz5.3

MOS 27 13:54:15.0.1.4, 7.93N-94.28E, h33km, mb5.3/57, MS5.3/8, Error ellipse: s-maj=10.3km s-min=5.5km az=113.3

HRVD 27 13:54:16.0.0.3, 7.92N-94.17E, h20km, 1km, MW5.4/60, Centroid moment Tensor Solution. LP body waves: s40, c70, Mantle waves: s60, c108, Half duration: 1s2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PBA Port Blair, NST Nakhon Sawan, CM31 Chiang Mai Arr, etc.

IDC 27 13:54:18.7.3.7, 7.96N-94.22E, h48km, 3.5km, mb4.4/27, mb1 4.5/28, mb1mx4.5/29, mbtmp4.7/28, ML4.8/1, MS5.4/2, MS1 5.4/2, ms1mx4.0/18, Error ellipse: s-maj=19.7km s-min=9.8km az=47.0

ISC 27 13:54:15.8.1.0, 7.95N-10.04, 94.29E, 0.04, h40km, 6km, h25km, 5.3km, p-P, n254, 0.1334/243, mb5.0/91, MS5.4/14, 15C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, CHG Chiang Mai, CHRT Chiangrai, etc.

IDC 27 13:54:15.8.1.0, 7.95N-10.04, 94.29E, 0.04, h40km, 6km, h25km, 5.3km, p-P, n254, 0.1334/243, mb5.0/91, MS5.4/14, 15C-10D, Nicobar Islands region

IDC 27 13:54:15.8.1.0, 7.95N-10.04, 94.29E, 0.04, h40km, 6km, h25km, 5.3km, p-P, n254, 0.1334/243, mb5.0/91, MS5.4/14, 15C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, CHG Chiang Mai, CHRT Chiangrai, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalins, Kislovodsk, Kilima Mbogo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, ARCES Array B, MORC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR, SADO, SADO, etc.

IDC 27 13:57:02.2;0.4, 8.19N;94.25E, mb4.8/26, mb1 4.9/27, mb1mx4.9/28, mb1mp4.8/27, ML 4.9/1, MS5.0/9, Ms1 5.1/9, ms1mx4.7/17, Error ellipse: s-maj=20.8km s-min=11.0km Az=45.0

MOS 27 13:57:05.5;1.1, 8.06N;94.19E, h33km, mb5.3/68, MS4.9/11, Error ellipse: s-maj=9.0km s-min=5.0km az=118.5

BUI 27 13:57:05.7;4.7, 7.72N;93.98E, h48km, mb5.5, mb4.8, MS5.6, MSz5.3

HRVD 27 13:57:06.4;0.2, 7.97N;94.16E, h16km, 1km, MW5.5/62, Centroid moment Tensor Solution. LP body waves: s39,c60;Mantle waves: s62,c130; Half duration: 194

NEIC 27 13:57:06.5;0.2, 7.99N;94.16E, h30km, mb5.2/74, MS5.0/4 Error ellipse: s-maj=5.8km s-min=4.5km az=50.0

ISC 27 13:57:02.8;1.2, 8.01N;03.9418E, 0.03, h16km, 8km, h19km, 3.1km, pP, n282, t1909/281, ms5.1/102, MS5.2/19, 16C-15D, Nicobar Islands region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, s, ISC. Includes stations like PBA, CM31, CMAR, etc.

Table with columns: GRF, Station Name, Time, Res, P, M, L, R, and various numerical data points for stations like Grafenbrunn Arr, Sankt Quirin, etc.

Table with columns: ANMO, GDLR, TXAR, JCT, PLCA, CPUP, TEIG, Station Name, Time, Res, P, M, L, R, and numerical data points.

IGQ 27 14:01:52.1, 1.17S-81.70W, h12km, gm, mb4.4, 6D, Error ellipse: s-maj=11.5km s-min=6.9km az=30.4, Off coast

Table with columns: Code, Station Name, Time, Res, P, M, L, R, and numerical data points for stations like HOJA, JAMA, JAMA, etc.

IDC 27 14:04:21.3, 12.0, 8.05N-94.32E, h116km, 119km, mb3.6/11, mb1.3.8/11, mb1mx3.7/17, mbtmq.0/11, Error ellipse: s-maj=36.1km s-min=17.8km az=57.0

ISC 27 14:04:10.3, 0.8, 8.0N-0.2, 94.3E, 0.2, h33km, n12, 0.94/11, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, P, M, L, R, and numerical data points for stations like SONM, ZAL, WRA, etc.

IDC 27 14:08:29.1, 0.9, 7.68N-93.98E, mb4.0/9, mb1.4/10, mb1mx4.0/18, mbtmq.3/10, ML3.7/1, Error ellipse: s-maj=45.8km s-min=20.5km az=47.0, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, P, M, L, R, and numerical data points for stations like CMAR, ZAL, WRA, etc.

MOS 27 14:13:13.7, 1.1, 7.87N-93.98E, h33km, mb5.0/35, Error ellipse: s-maj=12.1km s-min=6.7km az=103.7

BUI 27 14:13:13.7, 1.1, 7.87N-93.98E, h33km, mb5.6, mb4.8, Ms5.0, Ms24.8

HRVD 27 14:13:15.0, 0.4, 7.95N-94.14E, h17km, 2km, MW5.1/49, Centroid moment tensor solution. LP body waves: Ms8; Mantle waves: 4.9; Half duration: 0. Moment tensor: Scale 1.017Nm; Mw-2.52; Mw-1.91; Mw-4.43; 2.5; Mw-3.01; 7.3; Mw-1.09; 1.2; Mw-2.73; 5.8; Best double couple: Ms5.685x1016 NP1: 155, 835, -151. NP2: 151, 874, -58. Principal axes: T 5.938, Plg22, Azm107; N-506, Plg30, Azm211; P-5.432, Plg51, Azm347; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 14:13:15.0, 0.3, 7.84N-93.98E, h30km, mb4.9/27 Error ellipse: s-maj=9.8km s-min=7.3km az=61.0

IDC 27 14:13:17.0, 0.2, 7.89N-94.01E, h44km, 38km, mb4.3/20, mb1.4/21, mb1mx4.2/23, mbtmq.4/21, Ms4.7/1, Ms4.6/1, Ms1.4/6, Ms1mx3.2/25, Error ellipse: s-maj=25.6km s-min=12.0km az=48.0

ISC 27 14:13:13.7, 0.3, 7.87N-94.05, 0.05E, 0.06, h33km, n138, 0.104/131, mb4.8/57, MS4.72, 6C, Nicobar Islands region

Table with columns: Code, Station Name, Time, Res, P, M, L, R, and numerical data points for stations like CM31, CMAR, SHL, HYB, KMI, etc.

Table with columns: LSA, Station Name, Time, Res, P, M, L, R, and numerical data points for stations like LSHA, GORHA, KOLDANDA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, KMBF Kilima Mbogo, KMSF Kijabu al Asfar, etc.

IDC 27 14:16:51.1, 1.7, 7.58N-94.84E, mb4.0/9, mb1 4.2/10, mb1 mx4.0/17, mbtmp3.9/10, ML3.6/1, Error ellipse: s-maj=22.5km s-min=27.8km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 14:20:09.2, 7.1, 7.76N-93.68E, h60km, 66km, mb3.7/8, mb1 3.8/9, mb1mx3.6/19, mbtmp4.0/9, ML4.0/1, Error ellipse: s-maj=55.4km s-min=22.3km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, BRTR Keskin Array B, ARCES ARCESS Array B, etc.

IDC 27 14:17:37.5, 5.5, 8.30N-94.20E, h102km, 50km, mb3.6/8, mb1 3.8/9, mb1mx3.6/17, mbtmp3.9/9, Error ellipse: s-maj=31.4km s-min=22.7km az=60.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 14:18:05.2, 5.4, 7.95N-94.24E, h77km, 49km, mb3.7/10, mb1 3.9/11, mb1mx3.7/18, mbtmp4.0/11, ML4.1/1, Error ellipse: s-maj=30.7km s-min=17.5km az=49.0

IDC 27 14:18:00.5, 5.4, 7.90N-94.22E, 0.2, h50km, 48km, n12, 0e57/11, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 14:18:43.0, 9.3, 7.70N-94.21E, h60km, 78km, mb3.7/7, mb1 3.9/8, mb1mx3.7/18, mbtmp4.0/8, ML4.1/1, Error ellipse: s-maj=75.1km s-min=24.5km az=54.0

IDC 27 14:18:37.9, 1.2, 7.6N-0.2, h33km, n8, 0e50/8, 0e57/17, mb4.1/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 14:20:09.2, 7.1, 7.76N-93.68E, h66km, 66km, mb3.7/8, mb1 3.8/9, mb1mx3.6/19, mbtmp4.0/9, ML4.0/1, Error ellipse: s-maj=55.4km s-min=22.3km az=68.0

IDC 27 14:20:03.8, 1.0, 7.7N-0.1, h33km, n9, 0e97/9, mb4.0/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, NWAO Narrogin (SRO), ZAL Zalesovo, etc.

IDC 27 14:20:35.4, 7.5, 21.81S-176.57W, h289km, 69km, mb3.2/4, mb1 3.4/5, mb1mx3.3/15, mbtmp4.0/5, Error ellipse: s-maj=52.5km s-min=29.5km az=72.0, Fiji Islands region

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

IDC 27 14:22:33.1, 1.1, 7.9N-93.88E, mb3.9/9, mb1 4.1/10, mb1mx4.0/18, mbtmp3.9/10, ML3.8/1, Error ellipse: s-maj=50.8km s-min=20.6km az=51.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warrungarra Arr, etc.

NEIC 27 14:24:21.1, 7.0, 6.5, 14N-78.00W, h35km, mb4.4/2, Error ellipse: s-maj=16.4km s-min=11.0km az=61.0

IDC 27 14:24:17.6, 3.9, 5.25N-73.03W, h69km, 57km, mb3.6/6, mb1 3.9/7, mb1mx3.7/16, mbtmp3.9/7, ML3.9/1, Error ellipse: s-maj=41.0km s-min=22.8km az=79.0

IDC 27 14:24:10.0, 0.7, 5.16N-0.78, h80W.0.07, h33km, n15, 0e12/16, mb4.0/7, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OTAV Otavalo, SDV Santo Domingo, SDV San Domingo, etc.

IGQ 27 14:24:33.1, 1.41S-81.50W, h9km, 5km, mb4.5, 8C-2D, Error ellipse: s-maj=8.1km s-min=4.9km az=14.3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

IDC 27 14:26:46.3, 9.8, 13.9N-97.6E, h104km, 74km, mb3.4/4, mb1 3.6/5, mb1mx3.3/17, mbtmp3.9/7, ML3.3/1, Error ellipse: s-maj=76.4km s-min=49.9km az=64.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, BRTR Keskin Array B, etc.

Table with columns: GRF, Station Name, Time, Res, etc. Includes stations like Grfenberg Arr, Sankt Quirin, NORSAR Subarra, etc.

IDC 27 14:47:48.8, 1.0, 7.70N-93.70E, mb3.8/7, mb1 3.9/8, mb1mx3.8/17, mbtmp3.8/8, ML4.0/1, Error ellipse: s-maj=55.8km s-min=21.0km az=47.0

NEIC 27 14:47:53.0, 0.6, 7.74N-93.80E, h30km, mb3.9/2, Error ellipse: s-maj=22.7km s-min=12.8km az=55.0

IDC 27 14:47:51.9, 0.7, 7.8N, 0.1, 93.9E, 0.2, h33km, n13, c092/12, mb3.8/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, AAK Ala-Archa, WRA Warramunga Arr, etc.

NEIC 27 14:48:10.1, 0.6, 7.77N-93.85E, h30km, mb4.4/1, Error ellipse: s-maj=20.8km s-min=11.2km az=64.0

IDC 27 14:48:12.6, 9.0, 7.85N, 93.96E, h46km, mb3.6/8, mb1 3.8/9, mb1mx3.6/19, mbtmp3.9/9, ML3.8/1, Error ellipse: s-maj=81.9km s-min=19.3km az=56.0

IDC 27 14:48:08.4, 0.9, 7.8N, 0.1, 93.9E, 0.2, h30km, n12, c074/11, mb3.9/9, Nicobar Islands region

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

NEIC 27 14:48:22.5, 0.8, 7.69N-93.65E, h30km, mb4.2/2, Error ellipse: s-maj=24.5km s-min=11.0km az=64.0

IDC 27 14:48:28.5, 9.6, 7.90N, 94.00E, h73km, mb3.6/4, mb1 3.5/7, mb1mx3.4/19, mbtmp3.7/7, ML3.9/1, Error ellipse: s-maj=86.3km s-min=18.7km az=58.0

IDC 27 14:48:20.8, 1.0, 7.8N, 0.1, 93.7E, 0.2, h30km, n10, c060/10, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, SONM Songoing Array, KURK Kurchatov, etc.

IDC 27 14:48:58.4, 0.9, 7.68N-93.88E, mb4.1/4, mb1 4.2/15, mb1mx4.1/22, mbtmp4.0/15, Error ellipse: s-maj=35.0km s-min=20.5km az=47.0

NEIC 27 14:49:02.0, 0.6, 7.68N-93.88E, h30km, mb4.1/4, Error ellipse: s-maj=17.6km s-min=12.2km az=58.0

IDC 27 14:48:01.4, 0.6, 7.71N, 0.1, 94.0E, 0.1, h33km, n27, c1807/24, mb4.0/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, KMI Kunming, AAK Ala-Archa, etc.

Table with columns: KURK Kurchatov, ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 27 14:50:17.0, 7.0, 8.9, 23N-92.89E, mb4.1/13, mb1 4.2/14, mb1mx4.1/21, mbtmp4.1/14, ML3.8/1, Error ellipse: s-maj=27.3km s-min=18.1km az=47.0

IDC 27 14:50:20.9, 0.7, 9.3N, 0.1, 93.0E, 0.1, h33km, n14, c090/14, mb4.1/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 14:54:33.0, 9.3, 8.76N-93.74E, h81km, mb3.4/5, mb1 3.6/6, mb1mx3.3/18, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=80.8km s-min=25.0km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, ALBI Allahabad, SONM Songoing Array, etc.

IDC 27 14:54:45.6, 0.9, 8.17N-94.43E, mb4.0/9, mb1 4.1/10, mb1mx3.9/18, mbtmp3.9/10, ML3.7/1, Error ellipse: s-maj=57.4km s-min=21.4km az=49.0

IDC 27 14:54:48.0, 8.0, 8.2N, 0.1, 94.5E, 0.1, h33km, n11, c056/10, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, ZAL Zalesovo, WRA Warramunga Arr, etc.

MOS 27 14:55:25.1, 1.0, 8.05N-94.17E, h33km, mb4.8/24, Error ellipse: s-maj=18.3km s-min=13.5km az=105.1

BUI 27 14:55:25.0, 7.7, 58N-93.83E, h54km, mb4.7, Ms4.5, Ms2.4

NEIC 27 14:55:26.1, 0.4, 7.91N-94.14E, h30km, mb4.7/11, Error ellipse: s-maj=11.0km s-min=9.0km az=73.0

IDC 27 14:55:30.4, 4.5, 8.04N-94.27E, h65km, mb4.1/21, mb1 4.2/22, mb1mx4.1/26, mbtmp4.2/22, ML3.9/1, Error ellipse: s-maj=25.3km s-min=13.1km az=51.0

IDC 27 14:55:28.1, 2.4, 8.01N, 0.0, 94.29E, 0.0, h63km, n21km, n69, c105/65, mb4.5/32, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: KURK Kurchatov, NWAO Narrogin (SRO), NWAO Narrogin (SRO), HIA Hailar, etc.

IDC 27 14:56:50.4, 0.3, 7.99N-94.22E, h30km, mb4.7/11, Error ellipse: s-maj=11.7km s-min=8.1km az=52.0

BUI 27 14:56:51.7, 2.80N-93.77E, h48km, mb4.9, mb4.6

IDC 27 14:56:55.1, 4.7, 7.94N-94.15E, h71km, mb4.2km, mb4.1/23, mb1 4.2/24, mb1mx4.2/27, mbtmp4.4/24, ML4.4/1, Error ellipse: s-maj=26.2km s-min=13.1km az=60.0

IDC 27 14:56:52.2, 4.7, 7.94N, 0.0, 94.23E, 0.0, h66km, n21km, n54, c092/51, mb4.5/37, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

NEIC 27 14:56:50.4, 0.3, 7.99N-94.22E, h30km, mb4.7/11, Error ellipse: s-maj=11.7km s-min=8.1km az=52.0

BUI 27 14:56:51.7, 2.80N-93.77E, h48km, mb4.9, mb4.6

IDC 27 14:56:55.1, 4.7, 7.94N-94.15E, h71km, mb4.2km, mb4.1/23, mb1 4.2/24, mb1mx4.2/27, mbtmp4.4/24, ML4.4/1, Error ellipse: s-maj=26.2km s-min=13.1km az=60.0

IDC 27 14:56:52.2, 4.7, 7.94N, 0.0, 94.23E, 0.0, h66km, n21km, n54, c092/51, mb4.5/37, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, etc. Includes stations like ENH, WAK, AMQ, etc.

IGQ 27 15:00:32.3, 1.19S-81.47W, h5km,3km, mb4.5, 8C-2D, Error ellipse: s-maj=4.3km s-min=2.9km az=13.5, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like HOJA, JAMA, MAGD, etc.

BUI 27 15:01:15.9, 4.20N-97.40E, h30km, mB5.3, mb4.5, Ms4.5, Ms2.4

NEIC 27 15:01:15.9, 0.5, 4.22N-97.37E, h30km, mb4.6/9, Error ellipse: s-maj=19.9km s-min=10.2km az=47.0

IDC 27 15:01:38.3, 6.2, 4.42N-97.55E, h243km, 63km, mb3.8/13, mb1.3/9/14, mb1mx3.8/20, mbmp4.4/14, MS3.3/1, Ms1.3.5/1, ms1mx2.6/26, Error ellipse: s-maj=26.1km s-min=10.5km az=56.0

ISC 27 15:01:14.3, 0.5, 4.22N-100.97, h30km, mB5, m3, Res, e1941/35, mb4.5/22, MS2.5/1, Northern Sumatras

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like CM31, CMAR, CMAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, etc. Includes stations like AAK, WRA, WRAB, etc.

BUI 27 15:10:25.4, 8.10N-94.40E, h30km, mb4.5 NEIC 27 15:10:25.4, 0.5, 8.10N-94.40E, h30km, mb4.5/5, Error ellipse: s-maj=13.6km s-min=11.4km az=78.0

IDC 27 15:10:34.9, 5.8, 15N-94.44E, h112km, 53km, mb3.9/11, mb1.0/12, mb1mx3.9/19, mbmp4.2/12, Error ellipse: s-maj=31.4km s-min=24.0km az=57.0

ISC 27 15:10:23.6, 0.7, 11.10N-101.0-94.4E, 1.0, h30km, n27, e087/27, mb4.3/15, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like CM31, CMAR, CMAR, etc.

IDC 27 15:13:16.3, 0.6, 7.73N-94.03E, mb4.6/20, mb1.4/7/21, mb1mx4.6/23, mbmp4.5/21, ML4.6/1, MS4.7/2, Ms1.4/9/2, ms1mx3.6/23, Error ellipse: s-maj=29.5km s-min=13.9km az=47.0

MOS 27 15:13:19.3, 1.3, 7.66N-94.00E, h33km, mb5.0/34, Error ellipse: s-maj=12.1km s-min=6.7km az=110.2

BUI 27 15:13:20.5, 7.90N-93.67E, h23km, mB5.2, mb4.6, Ms5.2, Ms24.9

NEIC 27 15:13:20.6, 0.3, 7.73N-94.12E, h30km, mb4.8/24, Error ellipse: s-maj=8.3km s-min=7.9km az=214.0

ISC 27 15:13:20.0, 1.7, 7.70N-94.14E, 0.05, h30km, 14km, n129, r129/132, mb4.7/50, MS4.7/4, 2D, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like CM31, CMAR, CMAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, etc. Includes stations like LZH, WMO, BJI, etc.

27d 15h

Table with columns: MLR, Muntele Rosu, 69.29 316, P, Pmax, 15 24 25.1 -0.2, etc.

IGQ 27.15:16:22.8, 1.575x.81.24W, h10km, km, mb4.0, 3C, Error ellipse: s-maj=9.8km s-min=4.8km az=9.6, Off coast of Ecuador

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

BUI 27.15:16:43.6, 7.90N, 93.90E, h30km, mb4.9, mb4.4

NEIC 27.15:16:43.7, 0.5, 7.90N, 93.91E, h30km, mb4.5, Error ellipse: s-maj=15.5km s-min=10.9km az=116.0

IDC 27.15:16:46.6, 6.1, 8.03N, 93.81E, h49km, mb3.9/8, mb1.4/1.9, mb1.9/1.7, mb1.9/1.7, mb1.9/1.7, mb1.9/1.7, Error ellipse: s-maj=48.5km s-min=37.5km az=157.0

ISC 27.15:16:42.0, 0.7, 7.87N, 0.09, 94.0E, 0.1, h33km, n32, e1507/29, mb4.4/16, Nicobar Islands region

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

2005 JAN

Table with columns: PKI, Pulchoki, 21.23 338 eP, P, 15 21 30.0 +2.6, etc.

IDC 27.15:17:08.2, 0.9, 8.08N, 93.95E, mb4.5/16, mb1.4.6/17, mb1mx4.5/22, mb1mp4.5/17, ML4.2/1, Error ellipse: s-maj=29.5km s-min=22.2km az=65.0

BUI 27.15:17:11.2, 7.92N, 93.86E, h44km, mb5.2, mb4.8, Ms4.9, Msz4.5

NEIC 27.15:17:12.1, 0.5, 8.10N, 94.02E, h30km, mb4.8/11, Error ellipse: s-maj=13.8km s-min=10.9km az=118.0

ISC 27.15:17:07.2, 0.5, 8.05N, 0.08, 94.05E, 0.08, h10km, (h16km, 3.9km, pP-P), n47, e1912/44, mb4.6/25, Nicobar Islands region

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

IGQ 27.15:16:22.8, 1.575x.81.24W, h10km, km, mb4.0, 3C, Error ellipse: s-maj=9.8km s-min=4.8km az=9.6, Off coast of Ecuador

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

960

Scale 1016Nm; Mr-1.95t.61; Mw0.15t.47; Mw1.80t.48; Mw1.99t.10t; Mw5.69t.51; Mw4.11t.136; Best double couple: M7.041x1016 NPI+268, 851, A-6, NP2+2, 885, L-140; Principal axes: T.8.588, Plg23, Azm129; N-3.096, Plg50, Azm8; P-5.495, Plg31, Azm233; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 27.15:24:49.0, 0.3, 7.69N, 94.24E, h30km, mb4.9/35 Error ellipse: s-maj=8.9km s-min=7.2km az=72.0

ISC 27.15:24:47.8, 0.3, 7.72N, 0.05, 94.24E, 0.05, h33km, n152, e1522/148, mb4.8/61, Msz4.7/1, 1C-3D, Nicobar Islands region

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

Table of radio station data for the left column, including call signs like WB2, BVA0, and frequencies like 48.11 125 eP.

Table of radio station data for the middle column, including call signs like GRA1, GRF, and frequencies like 79.64 319 eP.

B7J 17:25:27.0, 7.02N:93.59E, h30km, mb4.8, Ms5.1, Msz4.7
IDC 27 15:27:30.2, 0.7, 7.94N:94.19E, mb4.6/18, mb1 4, 7/19
mb1mx4, 7/23, mbmp4, 6/19, ML4, 6/1, Error ellipse:
s-maj=29.9km s-min=18.2km az=48.0

MOS 27 15:27:34.0, 1.0, 7.92N:94.25E, h30km, mb5.1/33, Error
ellipse: s-maj=14.9km s-min=6.5km az=120.4

NEIC 27 15:27:34.6, 0.3, 7.92N:94.26E, h30km, mb5.0/23,
MS4.5/1, Error ellipse: s-maj=8.2km s-min=6.8km
az=211.0

ISC 27 15:27:32.6, 2.4, 7.96N:100.06E, 94.36E-0.05, h28km, 16km,
n132, s099/134, mb4.5, MS4.5/1, 5C-3D, Nicobar

Table of radio station data for the middle column, including call signs like Code, Station Name, and frequencies like 4.00 337/jP.

Table of radio station data for the right column, including call signs like WRAB, WB2, and frequencies like 48.14 126 eP.

Table with columns: Station, Name, Az, El, P, M, L, R, Res. Includes stations like NB2, NOA, NOA, NOA, etc.

Table with columns: Station, Name, Az, El, P, M, L, R, Res. Includes stations like BJI, BJI, BJI, JMDO, etc.

Table with columns: Station, Name, Az, El, P, M, L, R, Res. Includes stations like ELGZ, ASF, CTA, CTA, etc.

MOS 27 15:27:51.9, 0.9, 7.94N, 94.21E, h31km, mb5.5/76, MS4.9/12, Error ellipse: s-maj=9.3km s-min=4.9km az=122.1

BUI 27 15:27:52.6, 7.67N, 93.91E, h50km, mb5.4, mb4.8, Ms5.4, Ms2.1

IDC 27 15:27:52.8, 4.6, 8.09N, 94.32E, h24km, 29km, mb4.9/24, mb1.4 9/25, mb1mx4.9/26, mbtmp5.0/25, ML4.6/1, Error ellipse: s-maj=22.3km s-min=11.5km az=46.0, Putative timing error at LPAZ

CSEM 27 15:27:53.2, 8.96N, 95.17E, h33km, mb5.5 NEIC 27 15:27:53.4, 0.2, 7.96N, 94.21E, h30km, mb5.3/82, MS4.8/2, Error ellipse: s-maj=6.0km s-min=4.9km az=53.0

HRVD 27 15:27:53.0, 4.2, 7.94N, 94.16E, h12km, MW5.3/59, Centroid moment Tensor Solution. LP body waves: s24, c33, mantle waves: s59, i124, Half duration: 1s1

Moment tensor: Scale: 10^17Nm; Mw: 0.55; 0.3; Mw: 0.09; 0.2; Mw: 0.45; 0.3; Mw: 0.17; 0.7; Mw: 0.93; 0.2; Mw: 0.31; 0.7; Best double couple: Mw: 1.003; 10^17 NP1: 0.263; 861; lambda=15; NP2: 0.1; 877; lambda=150; Principal axes: T: 1.29, P1g11, Azm129; N: -574, P1g57, Azm22; P: -716, P1g31, Azm226; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 27 15:27:52.2, 0.2, 7.90N, 0.04, 94.21E, 0.04, h33km, (h24km, 2.9km; p-P), n319, n103/305, mb5.2/107, M25.0/15, 21C-17D, Nicobar Islands region

Main station list table with columns: Code, Station, Name, Az, El, P, M, L, R, Res. Includes stations like CM31, CMAR, CMAR, CAL, KOD, etc.

Main station list table with columns: Station, Name, Az, El, P, M, L, R, Res. Includes stations like BJI, BJI, BJI, JMDO, etc.

Main station list table with columns: Station, Name, Az, El, P, M, L, R, Res. Includes stations like ELGZ, ASF, CTA, CTA, etc.

LPZAZ comp=Z,2.0nm,0.8s,baz=79,slow=6.4,SNR=3.7

BUI 27 15:38:23.3, 7.21N:93.59E, h30km, mb4.7
IDC 27 15:38:24.1, 0.8, 7.69N:93.84E, mb4.2/10, mb1 4.4/11,
mb1mx4.2/18, mbtmp4.2/11, ML4.5/1, Error ellipse:
s-maj=38.2km s-min=18.8km az=61.0

NEIC 27 15:38:29.0, 7.70N:93.96E, h30km, mb4.4/8, Error
ellipse: s-maj=11.7km s-min=8.1km az=73.0
ISC 27 15:38:23.7, 0.6, 7.73N:0.09, 94.0E, 0.1, h10km, n31,
c081/27, mb4.3/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, Chiang Mai Arr, KMI Kunming, LSA Lhasa, AAK Ala-Archa, etc.

BUI 27 15:40:03.8, 7.34N:93.57E, h30km, mb5.5, mb4.4
IDC 27 15:40:05.9, 0.8, 7.92N:94.21E, mb4.3/12, mb1 4.4/13,
mb1mx4.3/19, mbtmp4.3/13, ML4.5/1, Error ellipse:
s-maj=29.0km s-min=20.4km az=61.0

NEIC 27 15:40:04.0, 0.5, 7.98N:94.29E, h30km, mb4.6/10, Error
ellipse: s-maj=10.9km s-min=10.9km az=80.0
ISC 27 15:40:04.2, 6.3, 7.91N:0.1, 94.3E, 0.1, h3km, 38km, n35,
c096/33, mb4.5/21, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like Chiang Mai Arr, Chiang Mai Arr, HYB Hyderabad, KMI Kunming, LSA Lhasa, etc.

IDC 27 15:44:09.5, 2.0, 7.74N:93.98E, mb4.0/6, mb1 4.2/6,
mb1mx4.0/15, mbtmp4.0/6, Error ellipse: s-maj=82.7km
s-min=33.4km az=55.0

NEIC 27 15:44:13.4, 0.9, 7.65N:94.00E, h30km, mb4.4/4, Error
ellipse: s-maj=30.2km s-min=12.0km az=57.0
ISC 27 15:44:11.5, 1.2, 7.6N:0.2, 94.0E, 0.2, h30km, n14,
c0574/14, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like LSA Lhasa, ENH Enshi, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like ZAL Zalesovo, WRA Warramunga Arr, WRB Tennant Creek, etc.

IDC 27 15:48:56.2, 1.7, 7.41N:94.16E, mb3.7/5, mb1 4.0/6,
mb1mx3.9/16, mbtmp3.8/6, ML4.2/1, Error ellipse:
s-maj=53.9km s-min=32.7km az=60.0

NEIC 27 15:48:59.0, 9.9, 7.38N:94.22E, h30km, mb4.1/2, Error
ellipse: s-maj=21.9km s-min=15.5km az=71.0
ISC 27 15:48:57.0, 5.9, 7.4N:0.1, 94.4E, 0.1, h20km, 40km, n17,
c191/17, mb3.9/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

IDC 27 15:49:16.1, 1.2, 7.71N:93.82E, mb4.2/9, mb1 4.4/10,
mb1mx4.2/17, mbtmp4.2/10, ML4.1/1, Error ellipse:
s-maj=38.9km s-min=26.3km az=53.0

BUI 27 15:49:20.9, 7.20N:93.97E, h30km, mb5.5, mb4.3
NEIC 27 15:49:20.0, 6.7, 7.0N:93.97E, h30km, mb4.8/10, Error
ellipse: s-maj=13.5km s-min=11.4km az=103.0
ISC 27 15:49:15.4, 0.7, 7.66N:0.10, 94.0E, 0.1, h10km, n31,
c105/28, mb4.5/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

IDC 27 15:51:32.4, 2.2, 7.96N:94.28E, mb4.1/4, mb1 4.3/4,
mb1mx3.9/14, mbtmp4.1/4, Error ellipse: s-maj=181.6km
s-min=31.2km az=46.0

NEIC 27 15:51:37.0, 0.8, 8.00N:94.28E, h30km, mb4.4/1, Error
ellipse: s-maj=31.0km s-min=12.3km az=51.0
ISC 27 15:51:35.1, 1.1, 8.0N:0.2, 94.3E, 0.2, h30km, n10,
c091/10, mb4.2/5, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like ENH Enshi, AAK Ala-Archa, KURK Kurchatov, etc.

h15km, 7km, pP-P, n135, c190/129, mb4.7/47, 17C-1D,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: FINES, FINES Array B, ARCES ARCES Array B, GERES GERES Array B, HFS Hagfors. Includes station names, times, and coordinates.

IDC 27 16:33:01.1±0.8, 7.80N-93.93E, mb4.2/15, mb1 4.3/16, mb1mx4.2/23, mbtmp4.1/16, ML4.0/1, Error ellipse: s-maj=34.5km s-min=18.2km az=47.0

NEIC 27 16:33:05.0±0.5, 7.83N-94.05E, h30km, mb4.5/11, Error ellipse: s-maj=15.1km s-min=11.6km az=63.0

ISC 27 16:33:00.4±0.6, 7.78N-100.08-94.01E.0.10, h10km, n47, c±1507/41, mb4.4/30, Nicobar Islands region

Main station list for the first section, including CMAR, JIRN, PKI, DMN, KKN, LSA, KOLN, ENH, AAK, SONM, ULN, KURK, ZAL, WRA, BRTR, BVAR, CHZK, ASAR, GNI, ERM, KMBO, EIL, BRTR, AKASO, MLR, JOF, FINES, KAF, GERES, KHC, HFS, GRA1, GRF, NB2, NOA, EKA, YKA, NVAR, PDAR, TXAR, PLCA, and PLCA.

IDC 27 16:36:17.0±1.1, 7.71N-93.95E, mb4.0/8, mb1 4.2/9, mb1mx4.0/19, mbtmp4.0/9, ML3.8/1, Error ellipse: s-maj=46.5km s-min=21.3km az=55.0

ISC 27 16:36:17.0±0.9, 7.8N-101.1-94.1E.0.2, h10km, n16, c±537/15, mb4.2/12, Nicobar Islands region

Main station list for the second section, including CMAR, JIRN, PKI, KKN, GKN, KOLN, SONM, WRA, ASAR, FINES, GERES, NB2, PLCA, and PLCA.

IDC 27 16:39:19.0±0.7, 8.03N-93.69E, mb4.2/16, mb1 4.3/17, mb1mx4.3/21, mbtmp4.2/17, ML4.1/1, Error ellipse: s-maj=35.1km s-min=14.0km az=56.0

NEIC 27 16:39:24.2±0.5, 7.66N-93.53E, h56km, mb4.6, Ms4.6, Ms3.4.1

ISC 27 16:39:19.0±0.6, 7.89N-100.93-93.85E.0.09, h10km, n48, c±102/45, mb4.4/30, Nicobar Islands region

Small station list for the third section, including CMAR, JIRN, and CMAR.

Main station list for the second section, including HYB, KMI, JIRN, PKI, DMN, KKN, GKN, LSA, KOLN, ENH, AAK, SONM, ULN, KURK, BVAR, CHZK, ASAR, KMB, STKA, BRTR, AKASO, FINES, KAF, ARCES, GERES, CLL, HFS, NB2, NOA, ILAR, NVAR, PDAR, PLCA, and PLCA.

CSEM 27 16:41:47.2±0.2, 37.83N-44.08E, h15km, MD3.8, Error ellipse: s-maj=5.2km s-min=2.8km az=105.0

ISC 27 16:41:48.3±0.7, 37.75N-43.98E, h26km, MD3.8

NEIC 27 16:41:48.3±0.7, 37.82N-44.03E, h10km, ML3.7(ISK), After ISK

ISC 27 16:41:48.0±1.2, 37.79N-0.04-44.12E.0.09, h10km, n30, c±1504/40, Turkey-Iran border region

Main station list for the third section, including HKR, HFR, HKR, HVR, VANT, TVAN, VANT, VANB, BEST, GNI, GNI, VRT, ERZM, ERZM, BINT, BINT, DIV, PTK, EZZ, ELZG, ELZG, MALT, MALT, MALT, MYA, MYA, GZT, KAHT, KAHT.

IDC 27 16:44:38.5±1.1, 7.89N-93.82E, mb3.9/9, mb1 4.1/10, mb1mx3.9/19, mbtmp3.9/10, ML3.7/1, Error ellipse: s-maj=41.2km s-min=21.0km az=53.0

ISC 27 16:44:41.8±0.9, 7.9N-101.1-93.9E.0.2, h33km, n16, c±80/16, mb4.1/31, Nicobar Islands region

Main station list for the fourth section, including CMAR, JIRN, PKI, and CMAR.

Main station list for the fourth section, including DMN, KKN, GKN, KOLN, SONM, ZAL, WRA, BVAR, ASAR, BRTR, FINES, ARCES, GERES.

IDC 27 16:45:22.7±8.5, 6.60N-94.95E, mb3.8/6, mb1 4.0/7, mb1mx3.8/18, mbtmp3.8/7, Error ellipse: s-maj=211.0km s-min=43.2km az=140.0, Nicobar Islands region

Main station list for the fifth section, including CMAR, SONM, ZAL, BRTR, FINES, GERES, NOA.

IDC 27 16:47:45.3±0.9, 7.85N-93.84E, mb4.0/11, mb1 4.2/12, mb1mx4.1/19, mbtmp4.0/12, ML3.9/1, Error ellipse: s-maj=38.1km s-min=19.5km az=53.0

NEIC 27 16:47:49.5±0.6, 7.60N-93.65E, h58km, mb4.4

ISC 27 16:47:45.4±0.7, 7.92N-100.09-94.01E.0.10, h10km, n38, c±999/37, mb4.3/23, 2C, Nicobar Islands region

Main station list for the sixth section, including CM31, CMAR, IMP, HYB, KMI, AKL, JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, ENH, AAK, SONM, BRTR, BVAR, CHZK, ASAR, KMB, NVAR, PDAR, PLCA, and PLCA.

IDC 27 16:48:25.2±1.7, 8.02N-94.11E, h33km, mb5.1/36, Error ellipse: s-maj=11.3km s-min=7.0km az=111.5

HRVD 27 16:48:25.0±0.6, 7.94N-94.14E, h12km, MBW.9/41, Centroid moment tensor Solution. LP body waves: s111; Mantle waves: s41, c64; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.13; 1.19; Mw=0.40; 1.16; Mw=1.52; 2.20; Mw=0.06; 46; Mw=2.99; 13; Mw=0.41; 53; Best double couple: Ms3.166; 1016 NPT1.81; 882; λ-2; NP2.3071; 888; λ-172; Principal axes: T 3.73, P1g4, Azm30; N-1.131, P1g8; Azm187; P-2.603, P1g8; Azm37; nsta1 refers to body waves, cutoff=50s.

NEIC 27 16:48:25.0±0.3, 7.98N-94.16E, h30km, mb5.0/30, Error ellipse: s-maj=8.6km s-min=8.1km az=68.0

BUI 27 16:48:26.2±0.8, 8.00N-93.65E, h35km, Ms5.6/4, Ms4.5, Ms3.9, Ms2.9

IDC 27 16:48:28.9±4.2, 8.15N-94.09E, h47km, mb3.9km, mb4.1/18, mb1 4.3/19, mb1mx4.3/24, mbtmp4.3/19, ML4.2/1, Error ellipse: s-maj=26.4km s-min=12.7km az=51.0, putative timing error at LP AZ

ISC 27 16:48:24.9±0.3, 8.01N-100.06-94.19E.0.05, h33km, (h31km, 7.8km, PP-P), n139, c±142/132, mb4.8/50, 2C-2D, Nicobar Islands region

Main station list for the seventh section, including CMAR, PBA, PBA, CM31, and CMAR.

27d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like KOD, HYB, KMI, KML, KUN, etc.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like AKASG, MLR, MNR, etc.

970

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like CM31, CMAR, HYB, etc.

IDC 27 16:54:30.4, 1.2, 7.64N-94.03E, mb4.0/6, mb1 4.2/7, mb1mx4.0/18, mbtmp4.0/7, ML3.8/1, Error ellipse: s-maj=45.9km s-min=21.9km az=59.0

IDC 27 16:54:33.7, 1.1, 7.7N-101.94E, 0.2, h33km, n8, e06/50/7, mb4.0/6, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like CMAR, SONM, ZAL, etc.

IDC 27 16:54:43.2, 1.3, 7.97N-93.85E, mb4.2/6, mb1 4.4/7, mb1mx4.1/19, mbtmp4.2/7, ML3.9/1, Error ellipse: s-maj=49.0km s-min=27.1km az=59.0

IDC 27 16:54:46.7, 1.2, 8.0N-102.93E, 0.2, h33km, n9, e06/50/7, mb4.1/6, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various other parameters. Includes stations like CMAR, SONM, ZAL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Borovoye Array, FINESS Array B, etc.

IDC 27 16:56:22.9.1.2, 7.60N-93.63E, mb4.0/7, mb1 4.2/8, mb1mx4.0/19, mbtmp4.0/8, ML3.7/1, Error ellipse: s-maj=45.2km s-min=26.0km az=53.0

ISC 27 16:56:26.5-1.2, 7.70N-92.937E-0.2, h33km, n15, n01=0.90/9, mb4.0/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Hyderabad, Songino Array, etc.

IDC 27 16:57:36.7-0.9, 7.68N-93.85E, mb4.1/10, mb1 4.3/11, mb1mx4.2/19, mbtmp4.1/11, ML3.5/1, Error ellipse: s-maj=39.0km s-min=20.1km az=53.0

ISC 27 16:57:39.8-0.8, 7.70N-92.1.94.0E-0.2, h33km, n15, n05=62/13, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songino Array, Zalesovo, etc.

IDC 27 16:58:46.0-0.5, 7.88N-94.11E, mb4.9/26, mb1 5.0/27, mb1mx5.0/28, mbtmp4.9/27, ML5.1/1, MS5.4, Ms1 5.5/4, ms1mx4.7/9, Error ellipse: s-maj=27.4km s-min=11.6km az=53.0, Putative timing error at LPAZ

MOS 27 16:58:50.0-1.0, 7.88N-94.07E, h33km, mb5.6/90, MS5.4/45, Error ellipse: s-maj=8.0km s-min=4.3km az=117.9

BUI 27 16:58:50.1, 7.84N-93.86E, h36km, mb5.6, mb5.0, Ms5.9, Msz5.7

HRVD 27 16:58:51.0-2.0, 7.81N-94.24E, h20km, MW5.7/68, Centroid moment Tensor Solution. LP body waves: s56, c103, Mantle waves: s68, c143; Half duration: 198

Moment tensor: Scale 10^17Nm; Mr0:17e-08; Mw:4.42e-08; Mw:4.26e-08; Mw:1.23e-18; Mw:2.18e-07; Mw:0.05e-17; Mw:0.05e-17; NP2a:58; NP2b:58; NP2c:58; NP2d:58; NP2e:58; NP2f:58; NP2g:58; NP2h:58; NP2i:58; NP2j:58; NP2k:58; NP2l:58; NP2m:58; NP2n:58; NP2o:58; NP2p:58; NP2q:58; NP2r:58; NP2s:58; NP2t:58; NP2u:58; NP2v:58; NP2w:58; NP2x:58; NP2y:58; NP2z:58; NP2aa:58; NP2ab:58; NP2ac:58; NP2ad:58; NP2ae:58; NP2af:58; NP2ag:58; NP2ah:58; NP2ai:58; NP2aj:58; NP2ak:58; NP2al:58; NP2am:58; NP2an:58; NP2ao:58; NP2ap:58; NP2aq:58; NP2ar:58; NP2as:58; NP2at:58; NP2au:58; NP2av:58; NP2aw:58; NP2ax:58; NP2ay:58; NP2az:58; NP2ba:58; NP2bb:58; NP2bc:58; NP2bd:58; NP2be:58; NP2bf:58; NP2bg:58; NP2bh:58; NP2bi:58; NP2bj:58; NP2bk:58; NP2bl:58; NP2bm:58; NP2bn:58; NP2bo:58; NP2bp:58; NP2bq:58; NP2br:58; NP2bs:58; NP2bt:58; NP2bu:58; NP2bv:58; NP2bw:58; NP2bx:58; NP2by:58; NP2bz:58; NP2ca:58; NP2cb:58; NP2cc:58; NP2cd:58; NP2ce:58; NP2cf:58; NP2cg:58; NP2ch:58; NP2ci:58; NP2cj:58; NP2ck:58; NP2cl:58; NP2cm:58; NP2cn:58; NP2co:58; NP2cp:58; NP2cq:58; NP2cr:58; NP2cs:58; NP2ct:58; NP2cu:58; NP2cv:58; NP2cw:58; NP2cx:58; NP2cy:58; NP2cz:58; NP2da:58; NP2db:58; NP2dc:58; NP2dd:58; NP2de:58; NP2df:58; NP2dg:58; NP2dh:58; NP2di:58; NP2dj:58; NP2dk:58; NP2dl:58; NP2dm:58; NP2dn:58; NP2do:58; NP2dp:58; NP2dq:58; NP2dr:58; NP2ds:58; NP2dt:58; NP2du:58; NP2dv:58; NP2dw:58; NP2dx:58; NP2dy:58; NP2dz:58; NP2ea:58; NP2eb:58; NP2ec:58; NP2ed:58; NP2ee:58; NP2ef:58; NP2eg:58; NP2eh:58; NP2ei:58; NP2ej:58; NP2ek:58; NP2el:58; NP2em:58; NP2en:58; NP2eo:58; NP2ep:58; NP2eq:58; NP2er:58; NP2es:58; NP2et:58; NP2eu:58; NP2ev:58; NP2ew:58; NP2ex:58; NP2ey:58; NP2ez:58; NP2fa:58; NP2fb:58; NP2fc:58; NP2fd:58; NP2fe:58; NP2ff:58; NP2fg:58; NP2fh:58; NP2fi:58; NP2fj:58; NP2fk:58; NP2fl:58; NP2fm:58; NP2fn:58; NP2fo:58; NP2fp:58; NP2fq:58; NP2fr:58; NP2fs:58; NP2ft:58; NP2fu:58; NP2fv:58; NP2fw:58; NP2fx:58; NP2fy:58; NP2fz:58; NP2ga:58; NP2gb:58; NP2gc:58; NP2gd:58; NP2ge:58; NP2gf:58; NP2gg:58; NP2gh:58; NP2gi:58; NP2gj:58; NP2gk:58; NP2gl:58; NP2gm:58; NP2gn:58; NP2go:58; NP2gp:58; NP2gq:58; NP2gr:58; NP2gs:58; NP2gt:58; NP2gu:58; NP2gv:58; NP2gw:58; NP2gx:58; NP2gy:58; NP2gz:58; NP2ha:58; NP2hb:58; NP2hc:58; NP2hd:58; NP2he:58; NP2hf:58; NP2hg:58; NP2hh:58; NP2hi:58; NP2hj:58; NP2hk:58; NP2hl:58; NP2hm:58; NP2hn:58; NP2ho:58; NP2hp:58; NP2hq:58; NP2hr:58; NP2hs:58; NP2ht:58; NP2hu:58; NP2hv:58; NP2hw:58; NP2hx:58; NP2hy:58; NP2hz:58; NP2ia:58; NP2ib:58; NP2ic:58; NP2id:58; NP2ie:58; NP2if:58; NP2ig:58; NP2ih:58; NP2ii:58; NP2ij:58; NP2ik:58; NP2il:58; NP2im:58; NP2in:58; NP2io:58; NP2ip:58; NP2iq:58; NP2ir:58; NP2is:58; NP2it:58; NP2iu:58; NP2iv:58; NP2iw:58; NP2ix:58; NP2iy:58; NP2iz:58; NP2ja:58; NP2jb:58; NP2jc:58; NP2jd:58; NP2je:58; NP2jf:58; NP2jg:58; NP2jh:58; NP2ji:58; NP2jj:58; NP2jk:58; NP2jl:58; NP2jm:58; NP2jn:58; NP2jo:58; NP2jp:58; NP2jq:58; NP2jr:58; NP2js:58; NP2jt:58; NP2ju:58; NP2jv:58; NP2jw:58; NP2jx:58; NP2jy:58; NP2jz:58; NP2ka:58; NP2kb:58; NP2kc:58; NP2kd:58; NP2ke:58; NP2kf:58; NP2kg:58; NP2kh:58; NP2ki:58; NP2kj:58; NP2kk:58; NP2kl:58; NP2km:58; NP2kn:58; NP2ko:58; NP2kp:58; NP2kq:58; NP2kr:58; NP2ks:58; NP2kt:58; NP2ku:58; NP2kv:58; NP2kw:58; NP2kx:58; NP2ky:58; NP2kz:58; NP2la:58; NP2lb:58; NP2lc:58; NP2ld:58; NP2le:58; NP2lf:58; NP2lg:58; NP2lh:58; NP2li:58; NP2lj:58; NP2lk:58; NP2ll:58; NP2lm:58; NP2ln:58; NP2lo:58; NP2lp:58; NP2lq:58; NP2lr:58; NP2ls:58; NP2lt:58; NP2lu:58; NP2lv:58; NP2lw:58; NP2lx:58; NP2ly:58; NP2lz:58; NP2ma:58; NP2mb:58; NP2mc:58; NP2md:58; NP2me:58; NP2mf:58; NP2mg:58; NP2mh:58; NP2mi:58; NP2mj:58; NP2mk:58; NP2ml:58; NP2mm:58; NP2mn:58; NP2mo:58; NP2mp:58; NP2mq:58; NP2mr:58; NP2ms:58; NP2mt:58; NP2mu:58; NP2mv:58; NP2mw:58; NP2mx:58; NP2my:58; NP2mz:58; NP2na:58; NP2nb:58; NP2nc:58; NP2nd:58; NP2ne:58; NP2nf:58; NP2ng:58; NP2nh:58; NP2ni:58; NP2nj:58; NP2nk:58; NP2nl:58; NP2nm:58; NP2nn:58; NP2no:58; NP2np:58; NP2nq:58; NP2nr:58; NP2ns:58; NP2nt:58; NP2nu:58; NP2nv:58; NP2nw:58; NP2nx:58; NP2ny:58; NP2nz:58; NP2oa:58; NP2ob:58; NP2oc:58; NP2od:58; NP2oe:58; NP2of:58; NP2og:58; NP2oh:58; NP2oi:58; NP2oj:58; NP2ok:58; NP2ol:58; NP2om:58; NP2on:58; NP2oo:58; NP2op:58; NP2oq:58; NP2or:58; NP2os:58; NP2ot:58; NP2ou:58; NP2ov:58; NP2ow:58; NP2ox:58; NP2oy:58; NP2oz:58; NP2pa:58; NP2pb:58; NP2pc:58; NP2pd:58; NP2pe:58; NP2pf:58; NP2pg:58; NP2ph:58; NP2pi:58; NP2pj:58; NP2pk:58; NP2pl:58; NP2pm:58; NP2pn:58; NP2po:58; NP2pp:58; NP2pq:58; NP2pr:58; NP2ps:58; NP2pt:58; NP2pu:58; NP2pv:58; NP2pw:58; NP2px:58; NP2py:58; NP2pz:58; NP2qa:58; NP2qb:58; NP2qc:58; NP2qd:58; NP2qe:58; NP2qf:58; NP2qg:58; NP2qh:58; NP2qi:58; NP2qj:58; NP2qk:58; NP2ql:58; NP2qm:58; NP2qn:58; NP2qo:58; NP2qp:58; NP2qq:58; NP2qr:58; NP2qs:58; NP2qt:58; NP2qu:58; NP2qv:58; NP2qw:58; NP2qx:58; NP2qy:58; NP2qz:58; NP2ra:58; NP2rb:58; NP2rc:58; NP2rd:58; NP2re:58; NP2rf:58; NP2rg:58; NP2rh:58; NP2ri:58; NP2rj:58; NP2rk:58; NP2rl:58; NP2rm:58; NP2rn:58; NP2ro:58; NP2rp:58; NP2rq:58; NP2rr:58; NP2rs:58; NP2rt:58; NP2ru:58; NP2rv:58; NP2rw:58; NP2rx:58; NP2ry:58; NP2rz:58; NP2sa:58; NP2sb:58; NP2sc:58; NP2sd:58; NP2se:58; NP2sf:58; NP2sg:58; NP2sh:58; NP2si:58; NP2sj:58; NP2sk:58; NP2sl:58; NP2sm:58; NP2sn:58; NP2so:58; NP2sp:58; NP2sq:58; NP2sr:58; NP2ss:58; NP2st:58; NP2su:58; NP2sv:58; NP2sw:58; NP2sx:58; NP2sy:58; NP2sz:58; NP2ta:58; NP2tb:58; NP2tc:58; NP2td:58; NP2te:58; NP2tf:58; NP2tg:58; NP2th:58; NP2ti:58; NP2tj:58; NP2tk:58; NP2tl:58; NP2tm:58; NP2tn:58; NP2to:58; NP2tp:58; NP2tq:58; NP2tr:58; NP2ts:58; NP2tt:58; NP2tu:58; NP2tv:58; NP2tw:58; NP2tx:58; NP2ty:58; NP2tz:58; NP2ua:58; NP2ub:58; NP2uc:58; NP2ud:58; NP2ue:58; NP2uf:58; NP2ug:58; NP2uh:58; NP2ui:58; NP2uj:58; NP2uk:58; NP2ul:58; NP2um:58; NP2un:58; NP2uo:58; NP2up:58; NP2uq:58; NP2ur:58; NP2us:58; NP2ut:58; NP2uu:58; NP2uv:58; NP2uw:58; NP2ux:58; NP2uy:58; NP2uz:58; NP2va:58; NP2vb:58; NP2vc:58; NP2vd:58; NP2ve:58; NP2vf:58; NP2vg:58; NP2vh:58; NP2vi:58; NP2vj:58; NP2vk:58; NP2vl:58; NP2vm:58; NP2vn:58; NP2vo:58; NP2vp:58; NP2vq:58; NP2vr:58; NP2vs:58; NP2vt:58; NP2vu:58; NP2vv:58; NP2vw:58; NP2vx:58; NP2vy:58; NP2vz:58; NP2wa:58; NP2wb:58; NP2wc:58; NP2wd:58; NP2we:58; NP2wf:58; NP2wg:58; NP2wh:58; NP2wi:58; NP2wj:58; NP2wk:58; NP2wl:58; NP2wm:58; NP2wn:58; NP2wo:58; NP2wp:58; NP2wq:58; NP2wr:58; NP2ws:58; NP2wt:58; NP2wu:58; NP2wv:58; NP2ww:58; NP2wx:58; NP2wy:58; NP2wz:58; NP2xa:58; NP2xb:58; NP2xc:58; NP2xd:58; NP2xe:58; NP2xf:58; NP2xg:58; NP2xh:58; NP2xi:58; NP2xj:58; NP2xk:58; NP2xl:58; NP2xm:58; NP2xn:58; NP2xo:58; NP2xp:58; NP2xq:58; NP2xr:58; NP2xs:58; NP2xt:58; NP2xu:58; NP2xv:58; NP2xw:58; NP2xx:58; NP2xy:58; NP2xz:58; NP2ya:58; NP2yb:58; NP2yc:58; NP2yd:58; NP2ye:58; NP2yf:58; NP2yg:58; NP2yh:58; NP2yi:58; NP2yj:58; NP2yk:58; NP2yl:58; NP2ym:58; NP2yn:58; NP2yo:58; NP2yp:58; NP2yq:58; NP2yr:58; NP2ys:58; NP2yt:58; NP2yu:58; NP2yv:58; NP2yw:58; NP2yx:58; NP2yy:58; NP2yz:58; NP2za:58; NP2zb:58; NP2zc:58; NP2zd:58; NP2ze:58; NP2zf:58; NP2zg:58; NP2zh:58; NP2zi:58; NP2zj:58; NP2zk:58; NP2zl:58; NP2zm:58; NP2zn:58; NP2zo:58; NP2zp:58; NP2zq:58; NP2zr:58; NP2zs:58; NP2zt:58; NP2zu:58; NP2zv:58; NP2zw:58; NP2zx:58; NP2zy:58; NP2zz:58

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Nongplab, Nakhon Sawan, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Giongzhong, Kunning, West Island, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

ADC 27 17:14:05.9, 1.7, 8.07N, 94.07E, mb4.2/10, mb1 4.3/11, mb1mx4.2/0, mbtmp4.1/11, Error ellipse: s-maj=47.1km s-min=28.0km az=130.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

ADC 27 17:17:11.4, 1.0, 7.86N, 93.98E, mb4.3/13, mb1 4.5/14, mb1mx4.4/22, mbtmp4.3/14, ML4.2/1, Error ellipse: s-maj=36.5km s-min=25.0km az=49.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like BRTR Keskinn Array B, MBAR Mbarara, AKASG Mbarara, etc.

BUI 27 17:17:11.3, 8.96S x 121.04E, h20km, mb4.5, Ms5.3, Msz5.0 NEIC 27 17:17:20.0, 0.6, 8.14S, 120.60E, h20km, mb4.5/6, Error ellipse: s-maj=15.4km s-min=7.2km az=211.0

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

NEIC 27 17:17:34.0, 3.1, 42S, 119.24E, h5km, ML3.5(AUST), After AUST. ADC 27 17:17:34.2, 3.1, 42S, 119.24E, h5km, ML3.5, 1D, Western Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like KLBRR Kellerrberrin, KMBL Kambalada, NWAOW Narragin (SRO), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like NEM2 Nemuro 2, NEM3 Nemuro 3, JRA Rausu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Sogingo Array, ZAL Zalesovo, etc.

IDC 27 17:24:55.8, 0.5, 7.63N, 94.13E, mb4.7/25, mb1 4.8/26, mb1mx4.8/30, mbtmp4.7/26, ML4.7/1, Error ellipse: s-maj=26.3km s-min=11.9km az=46.0, Putative timing error at LPAZ

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like PBA Port Blair, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

ADC 27 17:24:56.9, 0.2, 7.61N, 0.4, 94.26E, 0.04, h18km, h18km, 2.7km, pP, N233, 0.132, 233, mb5.1/86, MS5.0/9, 7C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like KOD Kodakalcan, KOD Kod, SHL Shillong, etc.

ADC 27 17:24:56.9, 0.2, 7.61N, 0.4, 94.26E, 0.04, h18km, h18km, 2.7km, pP, N233, 0.132, 233, mb5.1/86, MS5.0/9, 7C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like PKI Pulchoki, DMN Daman, KKN Kakani, etc.

ISC 27 17:31:01.1,0.8,7.8N,0.1,94.2E,0.1,h33km,n22, s-maj=21.2km,mb4.4/17,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, JIRN Jirani, etc.

IDC 27 17:31:42.7,0.8,7.84N,93.95E,mb4.3/13,mb1 4.5/14, mb1mx4.4/20,mbmp4.3/14,ML4.1/1, Error ellipse: s-maj=36.5km s-min=19.3km az=50.0

NEIC 27 17:31:47.9,0.3,7.95N,94.01E,h30km,mb4.8/17, Error ellipse: s-maj=9.1km s-min=7.1km az=84.0

ISC 27 17:31:42.9,6.3,7.94N,0.08,94.0E,0.1,h9km,39km,n47, s-maj=9.1km,mb4.5/28,1C-2D,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, HYB Hyderabad, KMI Kunming, etc.

IGQ 27 17:32:01.1,1.73S,81.78W,h12km,7km,mb4.2,1C-4D, Error ellipse: s-maj=8.9km s-min=6.4km az=3.2, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULBA, PISA Pisayambo, NAS1 Nasa, etc.

IDC 27 17:33:39.8,1.2,7.82N,94.08E,mb4.0/7,mb1 4.2/8, mb1mx4.1/18,mbmp4.0/8,ML4.1/1, Error ellipse: s-maj=42.2km s-min=27.6km az=53.0

ISC 27 17:33:43.3,1.1,7.9N,0.2,94.2E,0.2,h33km,n10, s-maj=9.1km,mb4.0/7,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 27 17:40:44.1,0.4,8.06N,94.23E,mb5.2/28,mb1 5.2/29, mb1mx5.2/29,mbmp5.1/29,ML4.7/1,MS5.0/18,MS1 5.0/18, ms1mx4.8/20, Error ellipse: s-maj=19.3km s-min=10.4km az=46.0, Putative timing error at LPAZ

NEIC 27 17:40:47.6,7.6,8.5N,93.92E,h51km,mb5.8,mb5.3,Ms5.4, Ms5.2

MOS 27 17:40:48.1,0.9,8.03N,94.11E,h33km,mb5.8/100, MS5.1/13, Error ellipse: s-maj=7.5km s-min=3.9km az=120.3

HRVD 27 17:40:48.9,0.2,7.92N,94.17E,h13km,MW5.4/53, Centroid moment tensor solution. LP body waves: s30,c38;Mantle waves: s53,c112; Half duration: 1/3

Moment tensor: Scale 10^17Nm; Mr=1.02e-04; Mw=0.02e-03; Ms=1.14e-04; Mn=0.58e-09; Mb=1.02e-03; Mx=0.46e-09; Best double couple: M=1.615x10^17 Np1: 0.187, 0.366, 0.125; NP2=48, 861, 0.67; Principal axes: T 1.883, Plg13; Azm121; N-54, Plg20; Azm216; P-1.348, Plg66; Azm360; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 17:40:48.9,0.1,7.97N,94.12E,h30km,mb5.6/122, MS4.8/4 Error ellipse: s-maj=4.7km s-min=3.6km az=215.0

BGS 27 17:40:50.7,7.79N,93.44E,h33km,mb5.6

ISC 27 17:40:44.8,0.2,7.98N,0.03,94.17E,0.03,h13km, h33km,1.4km,mb4.2/28,mb5.5/163,MS5.1/41, h2C-26D,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, NAKH Nakhon Sawan, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DMN Daman, KKN Kakani, VVK Valmikinagar, etc.

IDC 27 17:40:44.1,0.4,8.06N,94.23E,mb5.2/28,mb1 5.2/29, mb1mx5.2/29,mbmp5.1/29,ML4.7/1,MS5.0/18,MS1 5.0/18, ms1mx4.8/20, Error ellipse: s-maj=19.3km s-min=10.4km az=46.0, Putative timing error at LPAZ

ISC 27 17:40:47.6,7.6,8.5N,93.92E,h51km,mb5.8,mb5.3,Ms5.4, Ms5.2

MOS 27 17:40:48.1,0.9,8.03N,94.11E,h33km,mb5.8/100, MS5.1/13, Error ellipse: s-maj=7.5km s-min=3.9km az=120.3

HRVD 27 17:40:48.9,0.2,7.92N,94.17E,h13km,MW5.4/53, Centroid moment tensor solution. LP body waves: s30,c38;Mantle waves: s53,c112; Half duration: 1/3

Moment tensor: Scale 10^17Nm; Mr=1.02e-04; Mw=0.02e-03; Ms=1.14e-04; Mn=0.58e-09; Mb=1.02e-03; Mx=0.46e-09; Best double couple: M=1.615x10^17 Np1: 0.187, 0.366, 0.125; NP2=48, 861, 0.67; Principal axes: T 1.883, Plg13; Azm121; N-54, Plg20; Azm216; P-1.348, Plg66; Azm360; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 17:40:48.9,0.1,7.97N,94.12E,h30km,mb5.6/122, MS4.8/4 Error ellipse: s-maj=4.7km s-min=3.6km az=215.0

BGS 27 17:40:50.7,7.79N,93.44E,h33km,mb5.6

ISC 27 17:40:44.8,0.2,7.98N,0.03,94.17E,0.03,h13km, h33km,1.4km,mb4.2/28,mb5.5/163,MS5.1/41, h2C-26D,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like POO Poona, BOM Bombay, BDI Bomdoy, etc.

Table with columns: AAK, Ala-Archa, SNR=30, 38.62 337 P, P, 17 48 09.5 -0.1, etc. Lists various flight routes and times.

Table with columns: CHKZ, Chkalovo, 49.38 342 eP, P, 17 49 33.9 -2.2, etc. Lists various flight routes and times.

Table with columns: YAK, comp=E,20nm,1,2s, pmax, pmax, etc. Lists various flight routes and times.

comp=Z,37nm,1.0s,mb5.3					
VYHS Vyhne	74.35 318	eP	P	17 52 23.6	-0.5
VYHS Krobarova	74.63 317	eP	P	17 52 25.6	+0.8
SRO Kevo	74.74 341	eP	P	17 52 25.7	-0.3
comp=Z,1.3nm,0.5s					
KEV Kevo	74.74 341	eP	P	17 52 25.7	-0.3
comp=Z,1.0nm,0.5s					
OKC Ostrava-Kranos	74.93 319	eP	P	17 52 27.7	+0.3
OKC Casey	75.03 173	eP	P	17 52 26.6	-1.1
comp=Z,63nm,1.5s,mb5.3					
ARCES ARCESS Array B	75.17 340	eP	P	17 52 26.6	-1.8
ARCES ARCESS Array S	75.17 340	eP	P	17 52 26.6	-1.8
AREO ARCESS Array S	75.17 340	eP	P	17 52 28.1	-0.3
TIP Timpagrady	75.25 308	eP	P	17 52 28.7	-0.8
SMOI Smolenice	75.28 318	eP	P	17 52 29.1	-0.4
MORC Moravsky Berou	75.31 319	eP	P	17 52 29.1	-0.5
comp=Z,55nm,1.0s,mb5.4					
MORC Moravsky Berou	75.31 319	eP	P	17 52 29.0	-0.6
ZST Bratislava	75.47 318	eP	P	17 52 31.0	+0.4
ZOST Boshof	75.66 238	eP	P	17 52 34.8	+0.2
BOSA Boshof	75.66 238	eP	P	17 52 33.2	+1.1
comp=Z,37nm,1.0s,mb5.3					
BOSA Boshof	75.66 238	eP	P	17 52 32.8	+0.7
comp=Z,40nm,1.1s,mb5.3					
KTK1 Kautokeino	75.80 339	eP	P	17 52 32.6	+0.5
KTK1 Kautokeino	75.80 339	eP	P	17 52 32.6	+0.5
comp=Z,124nm,2.2s,mb5.5					
GKP Gorka Klasztor	75.83 323	eP	P	17 52 33.2	+0.7
VRAOC Vranov	75.89 319	eP	P	17 52 33.6	+0.7
BILL Bilibino	75.96 221	eP	P	17 52 32.7	-0.4
comp=Z,23nm,0.6s,mb5.3					
BILL Bilibino	75.98 22	eP	P	17 52 32.5	-0.5
comp=Z,29nm,0.8s,mb5.3					
DPC Dobruska-Polom	76.14 320	eP	P	17 52 35.1	+0.8
DPC Ksiaz	76.20 320	eP	P	17 52 35.0	+0.4
KSP Ksiaz	76.20 320	eP	P	17 52 35.9	+1.3
KSP Ujpec	76.35 320	eP	P	17 52 35.9	+0.4
UPC Ujpec	76.35 320	eP	P	17 52 38.5	-1.0
ARSA Arzberg	76.48 317	iP	P	17 52 36.8	+0.5
comp=Z,240nm,2.8s,mb5.9					
PERS Pernice	76.73 316	eP	P	17 52 37.8	+0.1
VAE Valguenera	77.07 307	eP	P	17 52 41.5	+1.7
comp=Z,34nm,0.9s,mb5.3,baz=171,slo=13,SNR=3.1					
LJU Ljubljana	77.11 315	eP	P	17 52 40.1	+0.3
OBKA Obir	77.11 316	iP	P	17 52 39.6	-0.2
comp=Z,439nm,3.0s					
PRU Pruhonice	77.26 319	eP	P	17 52 41.1	+0.5
PRU Panska Ves	77.27 320	eP	P	17 52 44.8	+0.1
PVCC Panska Ves	77.27 320	eP	P	17 52 41.1	0.0
MOA Molin	77.36 317	iP	P	17 52 40.2	-1.0
comp=Z,94nm,1.9s,mb5.4					
TRO Tromso	77.44 340	eP	P	17 52 40.2	-1.0
comp=Z,83nm,1.4s,mb5.5					
TRO Tromso	77.44 340	eP	P	17 52 44.7	
VOY Vojsko	77.55 315	eP	P	17 52 41.8	-0.5
CADS Cadrg	77.67 316	iP	P	17 52 42.7	-0.2
BRG Berggiesshubel	77.69 320	iP	P	17 52 43.4	+0.5
BRG Berggiesshubel	77.69 320	iP	P	17 52 43.4	+0.5
GE2C GERESS Array S	77.77 318	eP	P	17 52 43.1	-0.3
GE2C GERESS Array S	77.77 318	eP	P	17 52 43.1	-0.3
comp=Z,78nm,1.2s,mb5.5					
GERES GERESS Array B	77.77 318	eP	P	17 52 43.1	-0.3
comp=Z,78nm,1.2s,mb5.5					
GERES GERESS Array B	77.77 318	eP	P	17 52 43.1	-0.3
comp=Z,124nm,0.7s,mb5.1,baz=90,slo=5.3,SNR=9.5					
KHC Kasperske Hory	77.86 318	iP	P	17 52 44.1	+0.2
KHC Kasperske Hory	77.86 318	iP	P	17 52 48.1	+0.2
KHC Kasperske Hory	77.86 318	iP	P	17 52 48.1	+0.2
KHC Ruedersdorf	77.86 322	eP	P	17 52 43.4	-0.4
KBA Koelnbreinsper	77.96 316	iP	P	17 52 44.5	0.0
KBA Koelnbreinsper	77.96 316	iP	P	17 52 44.5	0.0
comp=Z,138nm,2.3s,mb5.5					
CLL Collim	78.30 321	iP	P	17 52 46.4	+0.2
CLL Collim	78.30 321	iP	P	17 52 49.8	-0.5
comp=Z,64nm,1.5s,mb5.3					
CLL Collim	78.30 321	iP	P	17 52 46.4	+0.2
CLL Collim	78.30 321	iP	P	17 52 49.8	-0.5
comp=Z,logA/T=1.6,mb5.3					
CLL Collim	78.30 321	iP	P	17 52 46.4	+0.2
CLL Wetzelt	78.32 318	eP	P	17 52 49.8	-0.5
WET Wetzelt	78.32 318	eP	P	17 52 46.1	-0.3
WET Wetzelt	78.32 318	eP	P	17 52 46.1	-0.3
comp=Z,56nm,1.3s,mb5.3					
MORB Moi Rana	78.39 336	eP	P	17 52 47.2	-0.3
MORB Moi Rana	78.39 336	eP	P	17 52 47.2	-0.3
comp=Z,102nm,1.4s,mb5.6					
MORB Moi Rana	78.39 336	eP	P	17 52 51.8	
comp=Z,102nm,1.4s,mb5.5					
NKC Novy Kostel	78.62 320	eP	P	17 52 48.9	+0.9
NKC Mawson	78.64 192	eP	P	17 52 48.9	+1.1
MAW Mawson	78.64 192	eP	P	17 52 47.9	+0.1
comp=Z,66nm,1.3s					
MAW Mawson	78.64 192	eP	P	17 52 47.9	+0.1
comp=Z,13nm,0.8s,mb4.9,baz=1.5,slo=5.9,SNR=5.2					
MAW Mawson	78.64 192	eP	P	17 52 48.9	+1.1
COP Copenhagen	78.80 325	iP	P	17 52 49.8	+0.9
COP Copenhagen	78.80 325	iP	P	17 52 49.8	+0.9
comp=Z,47nm,0.7s,mb5.5					
COP Copenhagen	78.80 325	iP	P	17 52 50.8	-0.1
comp=Z,47nm,0.7s,mb5.5					
WTTA Wattenberg	79.12 317	iP	P	17 52 50.8	-0.1
WTTA Wattenberg	79.12 317	iP	P	17 52 50.8	-0.1
comp=Z,149nm,1.5s,mb5.7					
MOX Moxa	79.16 320	eP	P	17 52 51.3	+0.3
MOX Moxa	79.16 320	eP	P	17 52 51.3	+0.3
comp=Z,119nm,2.0s,mb5.5					
MOX Moxa	79.16 320	eP	P	17 52 51.3	+0.3
comp=Z,logA/T=1.8,mb5.5					
MOX Moxa	79.16 320	eP	P	17 52 49.8	-1.3
WATA Walderalm	79.17 317	iP	P	17 52 49.8	-1.3
WATA Walderalm	79.17 317	iP	P	17 52 51.4	-0.8
comp=Z,40nm,1.1s,mb5.3					
FUR Furstenfeldbru	79.37 317	eP	P	17 52 51.4	-0.8
comp=Z,77nm,1.4s,mb5.4					
FUR Furstenfeldbru	79.37 317	eP	P	17 52 51.4	-0.8
comp=Z,77nm,1.4s,mb5.4					
GRA1 Grafenberg Arr	79.49 319	eP	P	17 52 52.4	+0.1
GRF Grafenberg Arr	79.49 319	eP	P	17 52 52.4	+0.1
GRF Grafenberg Arr	79.49 319	eP	P	17 52 52.4	+0.1
GRFO Grafenberg Arr	79.49 319	eP	P	17 52 52.4	+0.1
comp=Z,2um,1.4s					
SQTA Sankt Quirin	79.42 317	iP	P	17 52 52.4	0.0

SOTA Sankt Quirin	79.42 317	iP	P	17 52 52.4	0.0
SOTA Namsos	79.48 334	eP	P	17 52 51.6	-0.8
NSS Namsos	79.48 334	eP	P	17 52 51.6	-0.8
NSS Namsos	79.48 334	eP	P	17 52 56.1	
comp=Z,100nm,1.3s,mb5.6					
MOTA Moosalm	79.49 317	iP	P	17 52 52.5	-0.3
MOTA Moosalm	79.49 317	iP	P	17 52 52.5	-0.3
comp=Z,41nm,1.1s,mb5.3					
NB2 NORRAR Subarra	79.65 331	P	P	17 52 52.1	-1.3
NB2 NORRAR Subarra	79.65 331	P	P	17 52 52.1	-1.3
NOA NORRAR Array B	79.65 331	P	P	17 52 52.1	-1.3
NOA NORRAR Array B	79.65 331	P	P	18 31 48.6	
NAO01 NORRAR Array S	79.61 330	eP	P	17 52 54.2	0.0
CLZ Clausthal	79.94 321	eP	P	17 52 54.9	-0.3
BSEG Bad Segeberg	79.98 323	eP	P	17 52 55.3	0.0
SARO Sasso Rosso	80.03 313	P	P	17 52 56.2	+0.4
HDH Heidenheim	80.08 318	eP	P	17 52 56.1	+0.1
WALM Walbrunn	80.13 314	P	P	17 52 56.2	+0.2
UBR Ubrunn	80.16 317	eP	P	17 52 57.0	+0.2
VINC Vinca	80.21 313	P	P	17 52 57.6	+0.5
DAVA Damuels	80.26 317	iP	P	17 52 57.7	+0.4
comp=Z,242nm,2.4s,mb5.2					
DAVVO Davos	80.33 316	P	P	17 52 58.1	+0.8
SUR Sutherland	80.42 235	eP	P	17 53 00.4	+2.3
comp=Z,101nm,1.1s,mb5.5					
CODM Sindelford	80.42 314	P	P	17 52 57.8	-0.1
MIND Sindelford	80.46 319	eP	P	17 52 58.8	+0.8
SUD Monsted U'grnd	80.64 326	iP	P	17 53 03.3	+4.5
BUCH Bad Urach	80.65 318	eP	P	17 52 59.5	+0.5
STU Stuttgart	80.74 318	P	P	17 52 59.6	+0.1
STU Stuttgart	80.74 318	P	P	17 52 59.6	+0.1
comp=Z,171nm,1.9s,mb5.7					
STU Stuttgart	80.74 318	P	P	17 52 59.6	+0.1
comp=Z,171nm,1.9s,mb5.7					
GUT Gutenstein	80.82 317	eP	P	17 53 00.2	+0.3
VSL Villasilto	80.97 309	eP	P	17 52 59.3	-1.6
comp=Z,65nm,1.2s,mb5.5					
TOD Tromm	80.98 319	eP	P	17 53 00.7	0.0
TOD Tromm	80.98 319	eP	P	17 53 01.2	+0.5
LBG Lerchenberg	81.01 318	eP	P	17 53 01.4	+0.5
SPAK Spaichingen	81.04 317	eP	P	17 53 01.6	+0.6
SWG Schriesheim	81.05 319	eP	P	17 53 01.7	+0.6
PFS Pioggiaola	81.11 312	eP	P	17 53 00.9	-0.7
PIOGGIO Pioggiaola	81.11 312	eP	P	17 53 00.9	-0.7
PGF Pioggiaola	81.11 312	eP	P	17 53 00.9	-0.7
TNS Taunus Mts	81.19 320	eP	P	17 53 01.7	-0.1
TNS Taunus Mts	81.19 320	eP	P	17 53 01.7	-0.1
BFO Black Forest	81.33 318	eP	P	17 53 01.8	-0.8
BFO Black Forest	81.33 318	eP	P	17 53 01.8	-0.8
comp=Z,75nm,1.7s,mb5.3					
BFO Black Forest	81.33 318	eP	P	17 53 01.8	-0.8
comp=Z,54nm,1.4s,mb5.3					
TNS Taunus Mts	81.19 320	eP	P	17 53 01.7	-0.1
comp=Z,54nm,1.4s,mb5.3					
BFO Black Forest	81.33 318	eP	P	17 53 01.8	-0.8
comp=Z,75nm,1.7s,mb5.3					
BFO Black Forest	81.33 318	eP	P	17 53 01.8	-0.8
KCP Pian Castagno	81.35 314	P	P	17 53 02.1	-0.6
KTD Kalmit	81.46 319	eP	P	17 53 03.7	+0.5
FELD Feldberg	81.57 317	eP	P	17 53 04.5	+0.7
FIN Finale Ligure	81.60 314	P	P	17 53 04.3	+0.2
KIZ Kirchzarten	81.62 317	eP	P	17 53 04.6	+0.5
LANF Langenbrunn	81.65 314	P	P	17 53 04.1	+0.2
ORX Orapa	81.69 315	P	P	17 53 02.7	-1.8
ABH Altheburg	81.78 319	eP	P	17 53 05.9	+1.0
ABH Altheburg	81.78 319	eP	P	17 53 06.0	+1.1
LIBD Limburg	81.83 318	eP	P	17 53 05.7	+0.5
LIBD Limburg	81.83 318	eP	P	17 53 05.6	+0.4
ROB Robur	81.84 314	P	P	17 53 05.1	+0.2
IMI Imperia	81.85 313	P	P	17 53 05.8	+0.4
TRAV Traralgon	81.86 315	P	P	17 53 05.4	-0.9
BBS Basel-Blauen	81.92 317	eP	P	17 53 06.6	+0.9
BBS Basel-Blauen	81.92 317	eP	P	17 53 06.7	+1.0
MONNE Monsee	81.94 313	P	P	17 53 06.1	+0.2
WLS Welschbruch	81.98 318	eP	P	17 53 06.1	+0.2
NEGI Negi	81.99 313	P	P	17 53 06.4	+0.3
CDF Champ du Feu	82.03 318	eP	P	17 53 05.5	-0.7
CDF Champ du Feu	82.03 318	eP	P	17 53 05.5	-0.7
comp=Z,41nm,1.3s,mb5.2					
SAOF Saorge	82.08 313	eP	P	17 53 09.2	+2.6
RUP Ruppelstein	82.11 319	eP	P	17 53 07.4	+0.8
RUP Ruppelstein	82.11 319	eP	P	17 53 07.6	+1.0
ECH Echeval	82.12 318	eP	P	17 53 07.0	+0.3
WTSB Winterswijk	82.16 321	eP	P	17 53 07.5	+0.7</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like FIB Fire Island, PMR Palmer, SLKM Skliak Lake, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC
CM31 Chiang Mai Arr 11.62 23 Pn P 17 48 16.4 +0.4
LSA Lhasa 21.98 353 eP P 17 50 24.9 +1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like AKASG Malin Array Be, IDI Anoyia, MLR Muntele Reol, etc.

GUC 27 17:50:34.0-7.24.16S:68.27W, h99km±15km, MD3.6, ML3.7, ID, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like SPCH San Pedro de A, SPOCH SPOCH, LVC Limon Verde, etc.

IDC 27 17:51:15.9-1.9, 7.87N-93.99E, mb3.6/4, mb1 3.9/4, mb1mx3.6/17, mbmtpp3.6/4, Error ellipse: s-maj=68.6km s-min=31.1km az=58.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like SONM Songoing Array, ZAL Zalesovo, WRA Warrunganga Arr, etc.

IDC 27 17:51:49.1-1.2, 7.87N-94.12E, mb3.8/8, mb1 4.0/9, mb1mx3.9/19, mbmtpp3.9/19, ML4.1/1, Error ellipse: s-maj=48.0km s-min=21.2km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warrunganga Arr, etc.

IDC 27 17:52:07.3-0.7, 7.74N-94.01E, mb4.3/14, mb1 4.4/15, mb1mx4.4/20, mbmtpp4.3/15, ML4.8/1, Error ellipse: s-maj=37.0km s-min=14.8km az=57.0

IDC 27 17:52:12.2, 6.7, 4.2N:94.04E, h56km, mb5.7, mb4.5, Ms5.0, Ms24.6

NEIC 27 17:52:12.2, 0.4, 7.84N-94.22E, h30km, mb4.7/22, Error ellipse: s-maj=12.4km s-min=7.6km az=59.0

IDC 27 17:52:07.3, 0.4, 7.80N-0.07, 94.27E, h10km, n59, s15.14/52, mb4.5/32, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like KIV Kislovodsk, KMBO Kilima Mboyo, CTAO Charters Tower, etc.

IDC 27 17:55:23.4-1.2, 7.63N-93.98E, mb4.1/5, mb1 4.3/6, mb1mx4.0/18, mbmtpp4.1/6, ML3.7/1, Error ellipse: s-maj=55.4km s-min=23.3km az=55.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warrunganga Arr, etc.

NEIC 27 18:00:56.7, 37.63N-22.07E, h6km, MD3.0(ATH), After ATH

CSEM 27 18:00:57.0, 2.0, 37.61N-22.11E, h2km, MD3.0, Error ellipse: s-maj=4.6km s-min=3.0km az=179.0

ATH 27 18:00:56.7, 37.63N-22.07E, h6km, MD3.0/7, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like ITM Ithomi, NGER Gerania Oros, NAIG Nisos Agina, etc.

IDC 27 18:03:21.2, 2.1, 33.76N-142.39E, mb4.0/3, mb1 4.2/4, mb1mx3.7/19, mbmtpp4.1/4, ML4.1/1, Error ellipse: s-maj=42.7km s-min=27.8km az=49.0

JMA 27 18:03:22.6, 3.1, 33.95N-142.48E, h57km, M3.6

ISC 27 18:02:23.0, 1.4, 33.96N-0.06, 142.47E-0.09, h33km±15km, n14, c072/22, mb4.0/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

IDC 27 18:04:41.0, 0.5, 8.59N-94.57E, mb4.2/19, mb1 4.2/20, mb1mx4.2/25, mbmtpp4.2/20, ML2.9/1, Error ellipse: s-maj=31.1km s-min=12.6km az=45.0

NEIC 27 18:04:45.0, 0.6, 8.21N-94.34E, h30km, mb4.7/17, Error ellipse: s-maj=22.7km s-min=12.1km az=49.0

BUI 27 18:04:50.0, 8.20N:94.30E, h30km, Ms4.7, Ms4.5

ISC 27 18:04:44.0, 6.4, 8.13N-0.07, 94.34E-0.07, h33km, n66, s165/63, mb4.5/38, MS4.6/1, C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishkapatnam, etc.

Table with columns: PKI, Pulchoki, 21.10 337 eP, P, 18 09 28.6 -0.1, etc. Includes stations like DMN Daman, KAD Kakani, KKN Karad, LSA Lhasa, GKN Gorkha, KOLN Koldanda, BHPH Bhopal, POO Poona, ENH Enshi, DDH Dehra Dun, LZH Lanzhou, LSH Lashui, WMQ Urumqi, AAK Ala-Archa, SONM Songoing Array, ULN Ulaanbaatar, SUNK Shenyang, SNRY Kurchatov, HIA Hailar, NWAO Narquo (SRO), ZAL Zalesovo, WRA Waramungua Arr, WRAB Tennant Creek, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, GNI Garmi, PMG Port Moresby, KMBO Kilima Mbogo, ASAF Jabal al Asfar, CTAO Charters Tower, EIL Elat, STKA Stephens Creek, STKA Stephen Creek, BRTR Keskin Array, MA2 Magadan, AKAG Malin Array, IDI Anoyia, JOF Joensberg, FINES FINESS Array, KAF Kasperske Hory, ARCES ARCES Array, DPC Dobruska-Polom, UJPC Ujice, PVCC Panska Ves, GERES GERES Array, KHC Kasperske Hory, KHC Kasperske Hory, GRA1 Grafenberg Arr, GRF Grafenberg Arr, NB2 NORSAR Subarra, NOA NORSAR Array, LPG La Plagne, SML Sawmill, PDAR Pinedale Array, TXAR Lajitas Array, PLCA Paso Flores.

IGQ 27 18:08:02.9, 5.8, 8.06N-94.17E, h70km, 52km, mb3.7/10, mb1 3.9/11, mb1mx3.8/18, mbtmp4.0/11, ML4.1/1, Error ellipse: s-maj=36.7km s-min=20.0km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, ASAR Alice Springs, KMBO Kilima Mbogo.

IGQ 27 18:07:56.9, 0.8, 8.04N-0.1, 94.1E-0.1, h33km, n13, mb1 0.86/12, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, ASAR Alice Springs, KMBO Kilima Mbogo.

IGQ 27 18:07:56.9, 0.8, 8.04N-0.1, 94.1E-0.1, h33km, n13, mb1 0.86/12, mb4.0/10, Nicobar Islands region

Table with columns: BRTR Keskin Array, FINES FINESS Array, ARCES ARCES Array, GERES GERES Array, NB2 NORSAR Subarra, NOA NORSAR Array, PLCA Paso Flores.

IGQ 27 18:11:52.0, 0.9, 7.88N-93.70E, mb4.0/12, mb1 4.1/13, mb1mx4.0/20, mbtmp4.0/13, ML2.4/1, MS3.5/1, MS1 3.7/1, ms1mx2.7/25, Error ellipse: s-maj=38.0km s-min=19.3km az=51.0

IGQ 27 18:11:56.1, 0.8, 8.00N-0.1, 94.1E-0.2, h33km, n22, mb1 0.87/20, mb4.1/14, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Malin Array, JIRN Jiri, PKI Pulchoki, DMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, BVAR Borovoye Array, ASAR Alice Springs, BRTR Keskin Array, AKAG Malin Array, FINES FINESS Array, ARCES ARCES Array, GERES GERES Array, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array, PDAR Pinedale Array, PLCA Paso Flores.

MAN 27 18:13:19.5, 18.87N, 121.26E, h12km, mb3.8, ML2.6, MS2.6, Luzon

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

IGQ 27 18:14:10.4, 1.17S-81.39W, h12km, 7km, mb4.5, 3C-4D, Error ellipse: s-maj=9.5km s-min=4.2km az=18.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, JAMA Jama, MAGD Magdalena, IGUA Iguatala, CUSU Cusua, JUJU Juju, MARY Rancho Maria, SAN San Juan 2, JIRN Arrayan, ARRY Arrayan, TERY Refugio, TERY Tazera Guagua, TERY Pino, NAS1 Nasa, PATA Patococha, ULBA Ulba, PISA Pisayambo, YANA Yana, VCI Cotopaxi 1, TAMB Tambo, ANTI Antisana, COTA Cotacachi, COTA Cotacachi, CAYR Refugio Cayamb, CAYR Cayambe.

IGQ 27 18:15:07.9, 1.4, 7.63N-93.80E, mb3.8/5, mb1 3.9/6, mb1mx3.7/19, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=45.9km s-min=29.0km az=62.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, GERES GERES Array, HFS Hagfors, PLCA Paso Flores.

NEIC 27 18:16:07.5, 0.5, 7.96N-93.98E, h30km, mb4.5/7, Error ellipse: s-maj=12.1km s-min=9.6km az=104.0

IGQ 27 18:16:11.6, 5.3, 8.07N-94.07E, h64km, 47km, mb3.8/16, mb1 3.9/17, mb1mx3.9/23, mbtmp4.1/17, ML3.7/1, Error ellipse: s-maj=32.1km s-min=17.2km az=49.0

IGQ 27 18:16:09.2, 3.5, 8.00N-0.1, 94.1E-0.1, h59km, 30km, n36, mb1 0.87/33, mb4.3/26, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, DMN Daman, KKN Kakani, LSA Lhasa, GKN Gorkha, KOLN Koldanda, ENH Enshi, AAK Ala-Archa.

Table with columns: SONM Songoing Array, ULN Ulaanbaatar, KURK Kurchatov, ZAL Zalesovo, ZAL Zalesovo, WRA Waramungua Arr, BVAR Borovoye Array, ASAR Alice Springs, GNI Garmi, KMBO Kilima Mbogo, BRTR Keskin Array, AKAG Malin Array, IDI Anoyia, MLR Malin Array, FINES FINESS Array, ARCES ARCES Array, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array, SOR Sutherland, PDAR Pinedale Array, PLCA Paso Flores, LPAZ La Paz.

IGQ 27 18:20:38.4, 1.0, 7.96N-93.48E, mb3.9/8, mb1 4.1/9, mb1mx3.9/19, mbtmp3.9/9, ML2.4/1, Error ellipse: s-maj=39.5km s-min=21.0km az=53.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, ASAR Alice Springs, BRTR Keskin Array, FINES FINESS Array, HFS Hagfors, GNI Garmi, PLCA Paso Flores.

IGQ 27 18:25:25.4, 9.6, 8.17N-94.04E, h60km, 81km, mb3.5/9, mb1 3.7/10, mb1mx3.6/20, mbtmp3.6/20, ML3.8/1, Error ellipse: s-maj=80.4km s-min=20.0km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Waramungua Arr, BVAR Borovoye Array, ASAR Alice Springs, HFS Hagfors, NOA NORSAR Array, PLCA Paso Flores.

IGQ 27 18:25:03.8, 1.7, 7.82N-93.73E, mb3.9/4, mb1 4.0/5, mb1mx3.6/19, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=61.0km s-min=29.8km az=55.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Waramungua Arr, FINES FINESS Array, HFS Hagfors.

BUI 27 18:29:34.3, 8.02N-93.62E, h17km, mb5.0, mb4.5, Ms4.8, Ms2.5

NEIC 27 18:29:35.0, 0.4, 7.78N-93.94E, h30km, mb4.7/19, Error ellipse: s-maj=11.2km s-min=8.8km az=63.0

IGQ 27 18:29:40.4, 4.5, 8.08N-94.19E, h63km, 40km, mb4.0/19, mb1 4.2/20, mb1mx4.2/24, mbtmp4.3/20, ML4.1/1, Error ellipse: s-maj=27.2km s-min=12.6km az=51.0

IGQ 27 18:29:52.3, 7.96N-0.08, 94.15E-0.08, h56km, 20km, n65, s=19/61, mb4.5/39, MS4.7/1, IC-10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hydrabad, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, JIRN Jiri, PKI Pulchoki, GOA Goa, DMN Daman, GNI Garmi, KKN Kakani.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WTTA, MOX, WATA, WLF, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like SMF, SSF, SYO, TCF, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR, SONM, ZAL, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, WHZ Wether Hill Ro, MLZ Mavera Lakes, etc.

Code Station Name Az Phase ID Time Res
CMAR Chiang Mai Arr 11.55 23 Op ISC h m s ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

Code Station Name Az Phase ID Time Res
CMAR Chiang Mai Arr 11.55 23 Op ISC h m s ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, KMI Kunming, etc.

IDC 27 19:14:31.9; 1.2, 8. 10N-93.63E, mb4.0/6, mb1 4.2/7, mb1 mx3.9/19, mbmp4.0/7, ML4.0/1, Error ellipse: s-maj=53.2km s-min=27.9km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warrungana Arr, BRTR Keskin Array B, etc.

IDC 27 19:20:18.4; 7.68N-93.87E, h46km, mb5.6, mb4.8, Ms5.2, Ms2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warrungana Arr, BRTR Keskin Array B, etc.

IDC 27 19:20:15.4; 0.5, 7.88N-94.04E, mb4.8/26, mb1 4.9/27, mb1 mx4.8/30, mbmp4.8/27, ML4.6/1, MS4.9/17, Ms1 4.9/17, ms1 mx6.6/31, Error ellipse: s-maj=26.2km s-min=11.1km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR comp=Z,1.0nm,0.3s, CMAR comp=Z,3.0m,19.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, FRB Froisher Bay, HWB Hardwre Ranch, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC Moravy Berou, DPC Dobruska-Polom, BRTR Keskin Array B, CLL Collim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL Collim, PVCC Panska Ves, VYHS Vyhne, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VRAC Vranov, PRU Pruhonice, NKC Novy Kostel, SKO Schefferville, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWAO Narrogin (SRO), GD2L Gadalupae Moun, 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, TXAR Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHKZ Chkalovo, ASAR Alice Springs, KMBO Kilima Mbojo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, GERES GERRSS Array B, NB2 NORARS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, BRTR Keskin Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, BVAR Borovoye Array, CHKZ Chkalovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BRTR Keskin Array B, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, MYB Hyderabad, KHM Khamrad, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, SONM Songino Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHKZ Chkalovo, GERES GERRSS Array B, NB2 NORARS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, ENH Enshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, KMBO Kilima Mbojo, KMBO Kilima Mbojo, etc.

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

NEIC 27 20:02:56.0-7.3, 8.86S-121.10E, mb4.1/1, mb1 4.2/3, Error ellipse: s-maj=19.2km s-min=12.4km az=94.0

MAT	comp=Z,2um,20.0s,MSS.2	MLR	MLR				
MAT	Matsushiro 50.64 46 eP	P	P	20 18 49.0	-0.4		
MAT	comp=Z,205nm,1.9s,mb5.7	LR	LR				
MAT	comp=Z,2um,20.0s,MSS.2	LR	LR				
MAT	Matsushiro 50.64 46 P	P	P	20 18 48.6	-0.8		
BVAO	Borovoye Array 51.28 342 iP	S	S	20 18 53.2	-0.8		
BVAO	comp=Z,19nm,1.1s,mb4.9	pmx	pmx				
BVAR	Borovoye Array 51.28 342 P	P	P	20 18 53.2	-0.8		
BVAR	comp=Z,33nm,0.7s,mb5.4,baz=143,slow=12,SNR=133	pp	pp	20 19 08.1	+1.2		
BVAR	comp=Z,1.3nm,0.7s,baz=146,slow=11,SNR=8.5	S	S	20 26 08.6	+0.6		
BRVK	Borovoye 51.35 342 i/P	P	P	20 18 53.7	-0.7		
BRVK	comp=Z,115nm,1.1s,mb5.7	pmx	pmx				
BRVK	comp=Z,209nm,20.0s,MS4.2	MLR	MLR				
BRVK	Borovoye 51.35 342 i/P	P	P	20 18 53.7	-0.7		
BRVK	comp=Z,115nm,1.1s,mb5.5	LR	LR				
CHKZ	Chkalovo 51.77 342 eP	P	P	20 18 57.2	-0.4		
CHKZ	comp=Z,209nm,20.0s,MS4.2	pmx	pmx				
CHKZ	Chkalovo 51.77 342 eP	P	P	20 18 57.2	-0.4		
CHKZ	comp=Z,572nm,1.4s,mb6.3	pmx	pmx				
KLR	Kul'dur 53.84 30 i/P	P	P	20 19 09.8	-3.3		
KLR	comp=Z,41nm,0.8s,mb5.5,baz=306,slow=7,SNR=22	eS	S	20 19 20.8	-5.3		
KLR	comp=N,76nm,2.0s	pmx	pmx	20 26 48.5	+5.6		
KLR	comp=E,130nm,2.0s	pmx	pmx				
KLR	comp=Z,150nm,2.0s,mb5.6	pmx	pmx				
BOD	Bodaibo 54.41 13 eP	P	P	20 19 15.1	-2.0		
PMG	Port Moresby 54.70 106 P	P	P	20 19 19.3	-0.5		
PMG	comp=Z,35nm,0.7s	pmx	pmx				
PMG	comp=Z,560nm,22.0s	MLR	MLR				
PMG	Port Moresby 54.70 106 P	P	P	20 19 19.4	-0.4		
PMG	comp=Z,41nm,0.8s,mb5.5,baz=306,slow=7,SNR=22	eP	P	20 19 19.1	-0.7		
PMG	Port Moresby 54.70 106 eP	P	P	20 19 19.1	-0.7		
PMG	comp=Z,48nm,0.8s,mb5.6	LR	LR				
PMG	comp=Z,559nm,22.0s,MS4.6	LR	LR				
GNI	Garni 56.23 315 eP	P	P	20 19 29.8	-0.7		
GNI	comp=Z,93nm,1.2s	pmx	pmx				
GNI	comp=Z,640nm,22.0s	MLR	MLR				
GNI	Garni 56.23 315 P	P	P	20 19 30.2	-0.3		
GNI	comp=Z,4.7nm,0.5s,mb4.8,baz=150,slow=1.7,SNR=16	eP	P	20 19 29.8	-0.8		
GNI	Garni 56.23 315 eP	P	P	20 19 29.8	-0.8		
GNI	comp=Z,93nm,1.2s,mb5.7	LR	LR				
CLNS	Chul'man 56.60 20 eP	P	P	20 19 32.0	-0.9		
CLNS	comp=Z,87nm,1.2s,mb5.7	pmx	pmx				
CLNS	comp=N,66nm,1.5s	pmx	pmx				
CLNS	comp=E,48nm,1.3s	pmx	pmx				
CLNS	comp=Z,2um,20.0s,MSS.2	MLR	MLR				
CLNS	comp=N,1um,18.0s,MS5.0	MLR	MLR				
CLNS	comp=E,200nm,19.0s,MS5.0	MLR	MLR				
MTA	Mtatsminda 56.84 317 P	P	P	20 19 33.8	-1.1		
TIZ	Plekhanov 56.89 317 eP	P	P	20 19 34.6	-0.6		
CTA	Charters Tower 57.02 118 eP	P	P	20 19 35.6	-0.8		
CTA	comp=E,22nm,1.6s,mb4.9	pmx	pmx				
CTA	Charters Tower 57.02 118 eP	P	P	20 19 35.6	-0.8		
CTA	comp=Z,22nm,1.6s	pmx	pmx				
CTA	Charters Tower 57.02 118 P	P	P	20 19 35.5	-1.0		
CTA	comp=Z,9.4nm,0.6s,mb4.9,baz=298,slow=9.0,SNR=10	LR	LR	20 46 19.8			
CTAO	Charters Tower 57.02 118 eP	P	P	20 19 35.2	-1.2		
CTAO	comp=Z,1um,21.0s,MS5.0,baz=23,slow=38	LR	LR				
CTAO	Charters Tower 57.02 118 eP	P	P	20 19 35.2	-1.2		
CTAO	comp=Z,59nm,1.5s,mb5.4	pmx	pmx				
CTAO	comp=Z,59nm,1.5s,mb5.4	MLR	MLR				
CTAO	Charters Tower 57.02 118 eP	P	P	20 19 35.2	-1.3		
CTAO	comp=Z,59nm,1.5s,mb5.4	LR	LR				
CTAO	comp=Z,1um,22.0s,MS5.0	LR	LR				
ASAJ	Asahikawa 57.10 40 P	P	P	20 19 36.9	+0.1		
ASAJ	comp=Z,20nm,0.7s,mb5.2,baz=238,slow=17,SNR=8.9	LR	LR	20 45 20.5			
KMBO	Kilima Mbogo 57.37 265 eP	P	P	20 19 40.3	+1.3		
KMBO	comp=Z,1um,19.3s,MS5.1,baz=85,slow=37	e	e	20 19 52.6	+0.4		
KMBO	comp=Z,16nm,1.0s	pmx	pmx				
KMBO	comp=Z,2um,22.0s	MLR	MLR				
KMBO	Kilima Mbogo 57.37 265 P	P	P	20 19 38.6	-0.4		
KMBO	comp=Z,9.5nm,1.1s,mb4.8,baz=61,slow=11,SNR=11	LR	LR	20 40 12.2			
KMBO	Kilima Mbogo 57.37 265 eP	P	P	20 19 40.3	+1.3		
KMBO	comp=Z,16nm,1.0s,mb5.0	LR	LR	20 19 52.6	+0.4		
KMBO	comp=Z,2um,22.0s,MS5.2	e	e				
AKH	Akhalkalaki 57.61 316 P	P	P	20 19 40.1	-0.2		
SVE	Sverdlovsk 57.67 339i eP	S	S	20 19 37.0	-3.5		
SVE	comp=Z,340nm,2.0s,mb6.0	pmx	pmx	20 27 31.0	-2.7		
SVE	comp=N,200nm,22.0s,MS4.8	MLR	MLR				
SVE	comp=E,800nm,22.0s,MS4.8	MLR	MLR				
SVE	comp=Z,1um,22.0s,MS5.0	MLR	MLR				
ZEI	Tsey 57.90 318 eP	P	P	20 19 41.3	-1.0		
ZEI	comp=Z,28nm,1.1s,mb5.2	i-pp	pp	20 19 51.4	-4.1		
ZEI	comp=Z,1um,22.0s,MS5.0	pmx	pmx				
ONI	Oni 58.12 318 P	P	P	20 19 43.2	-0.7		
ARU	Arti 58.14 338 P	P	P	20 19 42.1	-1.7		
ARU	comp=Z,365nm,1.6s,mb5.2,SNR=37	LR	LR				
ARU	Arti 58.14 338 i/P	P	P	20 19 36.7	-7.1		
ARU	comp=Z,1um,19.3s,MS5.1,baz=85,slow=37	eS	S	20 20 28.2			
ARU	Arti 58.14 338 i/P	S	S	20 27 32.3	-7.5		
ARU	comp=Z,1um,19.3s,MS5.1,baz=85,slow=37	eSSS	SSS	20 33 50.4	-4.6		
ARU	comp=Z,86nm,1.2s,mb5.7	pmx	pmx				
STKA	Stevens Creek 58.36 133 i/P	P	P	20 19 45.2	-0.5		
STKA	comp=Z,28nm,1.1s,mb5.2	pp	pp				
STKA	Stevens Creek 58.36 133 P	P	P	20 19 45.3	-0.4		
ERZM	Erzurum 58.53 314 P	P	P	20 19 46.8	+0.1		
YSS	Yuzh-Sakhalins 58.55 37 i/P	P	P	20 19 46.0	-0.8		
YSS	comp=Z,140nm,1.2s,mb5.9	pmx	pmx	20 19 58.5	-1.5		
YSS	Yuzh-Sakhalins 58.55 37 eP	P	P	20 19 46.2	-0.6		
YSS	comp=Z,288nm,1.5s,mb6.1	e	e	20 19 59.3	-0.6		
YSS	comp=Z,1um,20.0s,MS5.1	LR	LR				
KIV	Kislovodsk 59.20 319 P	P	P	20 19 50.8	-0.6		
KIV	comp=Z,263nm,1.6s,mb5.0,SNR=41	LR	LR	20 19 50.1	-1.3		
KIV	Kislovodsk 59.20 319i eP	S	S	20 27 53.0	-0.9		
KIV	comp=Z,48nm,1.0s,mb5.5	eSS	SS	20 31 51.3	+1.0		
KIV	comp=N,266nm,3.7s	pmx	pmx				
KIV	comp=E,273nm,3.7s	smx	smx				
KIV	comp=N,190nm,18.0s,MS4.5	MLR	MLR				

KIV	comp=E,304nm,18.0s,MS4.5	MLR	MLR				
KIV	comp=Z,301nm,18.0s,MS4.5	MLR	MLR				
KIV	Kislovodsk 59.20 319 eP	P	P	20 19 50.0	-1.4		
KIV	comp=Z,111nm,1.1s,mb5.8	e	e	20 20 04.6	+0.1		
KIV	comp=Z,91nm,21.0s	e	e				
ASF	Jabal al Asfar 59.67 304 P	P	P	20 19 55.6	+0.9		
ELZG	Elazig 59.78 312 P	P	P	20 19 55.1	-0.4		
MALT	Malatya 60.14 311 eP	P	P	20 19 57.2	-0.7		
MALT	comp=Z,56nm,1.5s,mb5.4	pmx	pmx				
MALT	Malatya 60.14 311 eP	P	P	20 19 57.2	-0.8		
EIL	Eilat 60.77 301 P	P	P	20 20 02.6	+0.3		
EIL	comp=Z,7.9nm,0.7s,mb4.9,baz=110,slow=8.3,SNR=13	eP	P	20 20 02.5	+0.2		
EIL	Eilat 60.77 301 eP	P	P	20 20 02.5	+0.2		
EIL	comp=Z,66nm,1.3s,mb5.6	e	e	20 20 15.1	-0.4		
EIL	comp=Z,66nm,1.3s,mb5.6	pp	pp	20 20 00.3	-3.6		
SOC	Sochi 61.03 317 eP	P	P	20 28 11.2	-6.2		
SOC	comp=Z,31nm,0.7s,mb5.5	eS	S	20 32 20.3	+1.5		
SOC	comp=N,58nm,1.0s	eSS	SS				
SOC	comp=Z,31nm,0.7s,mb5.5	pmx	pmx				
SOC	comp=N,58nm,1.0s	pmx	pmx				
SOC	comp=Z,24nm,0.8s	pmx	pmx				
SOKR	Solkamsk 61.07 339 i/P	P	P	20 20 01.9	-2.0		
SOKR	comp=Z,60nm,1.4s,mb5.5	pp	pp	20 20 19.9	+2.8		
SOKR	comp=Z,60nm,1.4s,mb5.5	pmx	pmx				
SOKR	comp=Z,1um,22.0s,MS5.0	MLR	MLR				
BHL	Bhannes 61.09 306 eP	P	P	20 20 04.8	+0.3		
KAHT	Ahir Dag 61.11 310 P	P	P	20 20 04.6	+0.1		
COBT	Iskenderun 61.28 309 P	P	P	20 20 05.8	+0.2		
YAK	Yakutsk 62.18 18 P	P	P	20 20 09.7	-1.7		
YAK	comp=Z,90nm,0.5s,mb6.2	pmx	pmx				
YAK	comp=Z,2um,19.0s,MS5.3	MLR	MLR				
YAK	Yakutsk 62.18 18 eP	P	P	20 20 09.5	-1.9		
YAK	comp=Z,103nm,0.5s,mb5.2	LR	LR				
YAK	comp=Z,2um,19.0s,MS5.3	LR	LR				
MEST	Erdemli 62.94 308 P	P	P	20 20 15.6	-1.2		
AVNT	Avonos 62.96 312 P	P	P	20 20 15.8	-1.1		
ANN	Anapa 63.00 318 P	P	P	20 20 15.9	-5.6		
ANN	comp=Z,47nm,1.2s,mb5.5	e	e	20 20 49.1			
ANN	comp=Z,47nm,1.2s,mb5.5	pmx	pmx				
CSS	Prodhromos 63.20 306 eP	P	P	20 20 17.9	-0.7		
CTK	Corum 63.52 313 P	P	P	20 20 31.3	-0.6		
BOYT	Boyabat 63.66 314 P	P	P	20 20 19.8	-0.8		
MBAR	Mbarara 63.77 267 eP	P	P	20 20 21.0	-0.5		
MBAR	comp=Z,27nm,1.2s,mb5.2	pmx	pmx	20 20 23.6	+0.9		
MBAR	comp=Z,27nm,1.2s,mb5.2	MLR	MLR				
MBAR	Mbarara 63.77 267 eP	P	P	20 20 23.6	+0.8		
MBAR	comp=Z,569nm,21.0s,MS4.7	LR	LR				
BR131	Keskin Array S 64.12 312 PFAKE	LR	LR	20 20 40.0	+1.6		
BR131	comp=Z,424nm,20.0s,MS4.6	LR	LR				
BRTR	Keskin Array B 64.12 312 P	P	P	20 20 23.0	-1.5		
ELDT	Eldivan 64.48 312 P	P	P	20 20 26.1	-0.7		
VOR	Voronezh 64.62 326 eP	P	P	20 20 41.9	-1.0		
VOR	comp=Z,160nm,1.6s,mb5.8	pmx	pmx	20 20 25.5	-2.0		
BALT	Daday 64.79 314 P	P	P	20 20 28.4	-0.4		
SIM	Simeropol' 65.28 317 eP	P	P	20 20 31.0	-0.9		
SIM	comp=Z,40nm,1.1s,mb5.4	pmx	pmx				
SGKT	Sivrigoyun 65.51 312 P	P	P	20 20 32.4	-1.1		
ISP	Isparta 66.05 309 eP	P	P	20 20 36.5	-0.5		
ISP	comp=Z,454nm,1.7s,mb5.2	pmx	pmx				
ISP	Isparta 66.05 309 eP	P	P	20 20 36.5	-0.5		
ISP	comp=Z,454nm,1.7s,mb5.2	pmx	pmx				
ESKT	Ekisehir 66.16 311 P	P	P	20 20 37.0	-0.6		
HENT	Hendek 66.42 312 P	P	P	20 20 37.9	-1.3		
MOS	Moscow 67.19 329i eP	P	P	20 21 09.6			
MOS	comp=Z,3.9nm,0.7s,mb4.9,baz=127,slow=7.0,SNR=39	pp	pp	20 21 12.9	-1.7		
MOS	comp=Z,3.9nm,0.7s,mb4.9,baz=127,slow=7.0,SNR=39	e	e	20 20 59.6	+2.3		
MOS	comp=Z,3.9nm,0						

Table with columns for station name, frequency, mode, and time. Includes stations like DRV Dumont d'Urville, SUR Sutherland, PRU Puhonice, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like TOD Tromm, LBG Lerchenberg, SPAK Spaichingen, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like PLDF La Plante, AVF Avril sur Loir, SUR Avril sur Loir, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kodiak Island, Skilak Lake, Dimbokro, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ANMO, TUC, AMTX, BLA, WMOK, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BJI, HRVD, NEIC, etc.

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

2027 17.9 -1.3
2027 27.1 +1.2
2027 27.1 +1.2
2027 30.3 -0.3
2027 30.3 -1.8
2027 38.4 -0.7
2027 38.1 -1.0
2027 40.7 -1.4
2027 43.7 -1.1
2027 42.3 -2.5
2027 56.7 -2.5
2028 05.5 -0.6
2028 13.3 -4.8
2028 24.3 -2.5
2028 33.5 -2.4
2028 32.0 -4.7
2028 38.3 -0.6
2028 42.1 -0.3
2028 44.1 -0.1
2029 03.0 -0.2
2029 04.8 -1.1
2029 02.4 -1.3
2029 10.4 -0.5
2029 14.1 +0.2
2029 12.0 -1.5
2029 15.5 -0.3
2029 24.0 -0.6
2029 18.0 +0.1
2029 20.3 +0.3
2029 22.0 +0.3
2029 21.5 -1.1
2029 23.9 +0.2
2029 31.6 +0.0
2029 24.0 +0.0
2029 31.1 -0.8
2029 24.9 +0.0
2029 32.5 -0.2
2029 30.0 +0.0
2029 37.3 -0.5
2029 30.3 +0.3
2029 32.7 -0.1
2029 32.9 +0.3
2029 37.7
2029 41.8 -1.7
2029 41.8 -1.7
2029 38.9 +1.4
2029 48.0 -0.3
2029 48.0 -0.3
2029 41.7 0.0
2029 41.7 0.0
2029 41.9 -0.9
2029 42.5 -0.3
2029 48.9 +0.7
2029 51.7 +0.7
2029 18.8 +5.7
2029 41.1 +0.5
2029 45.0 +4.4
2029 42.8 +1.2
2029 54.2 +0.2
2029 54.3 -0.4
2029 55.4 -0.6
2029 05.6 -0.6
2029 10.0 -5.6
2029 25.2
2029 36.6
2029 36.0 0.6
2029 36.1 0.0
2029 25.2
2029 36.6
2029 36.2 -2.0
2029 36.2 -3.3
2029 04.4 -1.9
2029 59.4 +0.6
2029 12.6 -3.3
2029 12.4 -3.4
2029 09.1 +1.0
2029 52.6 -4.7
2029 34.5 -4.5

IDC 27 20:23:08.2, 0.8, 7.88N-93.94E, mb3.8/8, mb1 4/0.9, mb1mx4.0/19, mbtmp3.8/9, ML3.6/1, MS2.4/1, MS1.2/4.1, ms1mx2.2/25, Error ellipse: s-maj=37.9km s-min=17.3km az=55.0

NEIC 27 20:23:12.7, 0.6, 7.97N-94.04E, h30km, mb4.1/5, Error ellipse: s-maj=19.6km s-min=10.7km az=73.0

ISC 27 20:23:09.5, 7.7, 8.0N, 1.1, 94.1E, 0.1, h2km, 1.4km, n21, e1500/17, mb4.0/12, MS2.4/1, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, CHIANG MAI ARR, HYDERABAD, KUNMING, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, CHKZ Chkalovo, ASAR Malin Array B, etc.

IDC 27 20:23:14.5, 0.7, 7.83N-93.86E, mb4.3/15, mb1 4/4/16, mb1mx4.3/22, mbtmp4.3/16, ML3.8/1, Error ellipse: s-maj=32.9km s-min=15.4km az=55.0

BUJ 27 20:23:17.4, 8.31N-94.10E, h7km, mb5.0, mb4.3 NEIC 27 20:23:19.2, 0.3, 7.85N-93.97E, h30km, mb4.6/6, Error ellipse: s-maj=12.9km s-min=8.1km az=58.0

ISC 27 20:23:14.2, 0.5, 7.90N, 0.08-93.9E, 0.1, h10km, n43, e0589/33, mb4.5/24, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, CHIANG MAI ARR, HYB Hyderabad, etc.

BUJ 27 20:27:47.7, 8.21N-93.55E, h39km, mb5.6, mb4.6, Ms5.0, Ms2.6

NEIC 27 20:27:47.5, 0.3, 8.27N-93.80E, h30km, mb4.6/14, Error ellipse: s-maj=10.3km s-min=8.5km az=72.0

IDC 27 20:27:52.3, 4.4, 8.37N-93.88E, h68km, 39km, mb4.0/16, mb1 4/1/17, mb1mx4.1/21, mbtmp4.3/17, ML1.1/1, Error ellipse: s-maj=24.7km s-min=12.7km az=51.0

ISC 27 20:27:46.2, 0.4, 8.23N, 0.06-93.85E, 0.07, h30km, n60, e0598/53, mb4.5/32, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIANG MAI ARR, CHIANG MAI ARR, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOMN Songoing Array, SOMN Kilima Mbogo, KURK Kurchatov, etc.

BUJ 27 20:30:56.3, 7.53N-93.94E, h30km, mb5.1, mb4.6, Ms5.1, Ms2.8

CSEM 27 20:31:00.9, 7.70N-94.41E, h33km, mb5.5 MOS 27 20:31:01.3, 1.4, 8.11N-93.96E, h33km, mb5.1/40, Error ellipse: s-maj=11.7km s-min=6.4km az=115.4

HRVD 27 20:31:02.0, 6.0, 7.97N-94.19E, h16km, 1km, MW5.2/55, Centroid moment Tensor Solution. LP body waves: s13, c16; Mantle waves: s55, c92; Half duration: 150 msec; Orientation: Scale 10^16Nm; M1-3.24z, 31; M2-1.67z, 18; M3-4.91z, 26; M4-3.65z, 81; M5-4.01z, 17; M6-2.40z, 67; Best double couple: M7.29z, 1015 NP1; q167z, 841z, 153z; NP2z, 57z, 873z, 152z; Principal axes: T: 8.146, Plg19z; Azm120z; N: 1.709, Plg36z; Azm224z; P: 6.437, Plg48z; Azm7z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 20:31:02.0, 6.0, 4.8, 15N-93.96E, h30km, mb4.9/26 Error ellipse: s-maj=12.1km s-min=9.1km az=64.0

IDC 27 20:31:07.2, 4.2, 8.27N-94.04E, h65km, 37km, mb4.2/20, mb1 4/2/1, mb1mx4.3/23, mbtmp4.5/21, ML4.2/1, MS4.5/6, MS1 4.5/6, ms1mx4.0/27, Error ellipse: s-maj=23.9km s-min=11.5km az=47.0

ISC 27 20:30:58.0, 8.0, 8.02N, 0.05-93.97E, 0.06, h16km, h16km, n15km, pp-P, n148, e128/146, mb4.8/54, MS4.6/37, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PORT BLAIR, CHIANG MAI ARR, KOD Kodaikanal, etc.

ISC 27 20:31:02.0, 6.0, 4.8, 15N-93.96E, h30km, mb4.9/26 Error ellipse: s-maj=12.1km s-min=9.1km az=64.0

IDC 27 20:31:07.2, 4.2, 8.27N-94.04E, h65km, 37km, mb4.2/20, mb1 4/2/1, mb1mx4.3/23, mbtmp4.5/21, ML4.2/1, MS4.5/6, MS1 4.5/6, ms1mx4.0/27, Error ellipse: s-maj=23.9km s-min=11.5km az=47.0

ISC 27 20:30:58.0, 8.0, 8.02N, 0.05-93.97E, 0.06, h16km, h16km, n15km, pp-P, n148, e128/146, mb4.8/54, MS4.6/37, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PORT BLAIR, CHIANG MAI ARR, KOD Kodaikanal, etc.

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

NEIC 27 20:44:19.2,0.7, 7.56N-94.00E, h30km, mb4.4/6, Error ellipse: s-maj=20.7km s-min=11.8km az=67.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, WRAB Tennant Creek, etc.

BUI 27 20:45:06.2, 7.01N-93.78E, h16km, mb5.4, mb4.7, Ms4.9, Msz4.4

HRVD 27 20:45:15.2,0.8, 7.89N-94.19E, h15km, 3km, MW5.0/29, Centroid moment Tensor Solution. LP body waves: sTc7;

NEIC 27 20:45:15.2,0.2, 7.93N-94.05E, mb5.2/57, MS4.8/2 Error ellipse: s-maj=6.6km s-min=5.4km az=222.0

MOS 27 20:45:16.8, 1.0, 7.98N-94.07E, h37km, mb5.3/67, Error ellipse: s-maj=8.7km s-min=4.9km az=117.7

ISC 27 20:45:13.8,0.7, 9.95N-104.94E, 0.04, h17km, h17km, 1.0km; p-P, n267, -0.95/256, mb5.0/101, MS4.5/4, 12C-15D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PBA Port Blair, CM31 Chiang Mai Arr, NANT Nan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LZHZ Lanzhou, WJNH Wuhan, WJNJ Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KLR Kuldur, BOD Bodaibo, GNI Garmi, etc.

27d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW, NVS Novosibirsk, WRA Warramunga Arr, etc.

2005 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ Lusaka, KWP Kalwaria, KOLS Kolonické sedl, etc.

1000

Table with columns for station name, frequency, power, and other technical details. Includes stations like BNI Bardonecchia, BNI Bardonecchia, TNA Tin City, etc.

NEIC 27 20:53:05.74, 0.5, 8.46N-94.06E, h30km, mb4.6/6, Error ellipse: s-maj=15.1km s-min=11.4km az=59.0

ISC 27 20:53:08.74, 7.4, 8.48N-93.99E, h54km, mb4.1/14, mb1 4.2/15, mb1mx4.1/21, mbtmp4.4/15, Error ellipse: s-maj=27.4km s-min=17.0km az=56.0

ISC 27 20:53:05.24, 6.8, 8.5N-10.194, 1E, h20, h40km, mb4.1km, Res: 0.095/29, mb4.4/18, Nicobar Islands region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ENH Enshi, AAK Ala-Archa, etc.

IGQ 27 20:55:15.8, 1.55S-81.54W, h12km, gkm, mb4.3, 2C-2D, Error ellipse: s-maj=11.3km s-min=6.6km az=1.4, Off coast of Ecuador

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jagna, MAGD Magdalena, etc.

Table with columns: CTA, Charters Tower, Time, P, P, Time, +0.9, +0.9, +1.5, etc. Lists various charters and their details.

Table with columns: KBA, Koelnbreinsper, Time, P, P, Time, +0.6, +0.6, +1.3, etc. Lists various charters and their details.

Table with columns: IMA, Indian Mountain, Time, P, P, Time, +1.9, +1.9, +0.5, etc. Lists various charters and their details.

NEIC 27 21:01:54.10±0.4, 7.79N-93.99E, h30km, mb4.8/5, Error ellipse: s-maj=13.3km s-min=9.3km az=83.0
BUJ 27 21:01:55.7, 9.1N-94.71E, h16km, mb4.5, Ms5.5, Ms2.2
IDC 27 21:01:56.9±0.5, 0.77N-94.12E, h54km, mb4.2/1.8, mb1.4/4.19, mb1mx4.2/1, mb1mp4.5/19, ML5.2/1, MS4.7/2, Ms1.4/7.2, ms1mx3.8/1.8, Error ellipse: s-maj=29.1km s-min=17.5km az=69.0
ISC 27 21:01:53.1±0.3, 5.783N-100.09-94.0E:0.1, h34km±30km, n34, 6191332, MS4.6/2.1, MS4.7/2, Nicobar Islands region

Table with columns: Station Name, Time, Res, and various codes. Includes stations like HWUT Hardware Ranch, FINES FINES Array B, JLU Jordanelle, etc.

BUI 27 21:16:24.3, 7.38N:93.69E, h30km, mb5.4, mb4.6
NEIC 27 21:16:31.3, 0.3, 8.14N:94.11E, h30km, mb4.6/16, Error ellipse: s-maj=9.2km s-min=6.7km az=65.0

ISC 27 21:16:30.8, 2.3, 8.10N:0.06, 94.13E, h40km, 21km, n86, e1900/75, mb4.5/44, 2C, Nicobar Islands region

Main table of station data for the 27d 21h period, listing station names, times, and resolutions.

Table of station data for 2005 JAN, including stations like BNI Bardonecchia, ESCD Sonseca Array, IMA Indian Mountain, etc.

NEIC 27 21:20:03.6, 0.7, 8.04N:93.75E, h30km, mb4.1/2, Error ellipse: s-maj=28.9km s-min=13.3km az=53.0

ISC 27 21:20:19.7, 3.8, 8.31N:94.02E, h174km, 66km, mb3.4/8, mb1.3/6.9, mb1mx3.4/20, mbtmp3.8/9, Error ellipse: s-maj=46.6km s-min=20.6km az=51.0

ISC 27 21:20:1.0, 4.0, 8.79N:0.1, 93.6E, 0.1, h30km, n15, e113/15, mb3.9/10, Nicobar Islands region

Table of station data for the 27 21:20 period, listing station names, times, and resolutions.

NEIC 27 21:20:19.0, 0.8, 8.23N:93.69E, h30km, mb4.3/1, Error ellipse: s-maj=28.0km s-min=15.5km az=51.0

ISC 27 21:20:29.7, 3.0, 8.18N:93.68E, h127km, 80km, mb3.6/6, mb1.3/7.7, mb1mx3.4/19, mbtmp3.9/7, Error ellipse: s-maj=56.3km s-min=22.7km az=51.0

ISC 27 21:20:17.0, 0.9, 8.2N:0.2, 93.7E, 0.1, h30km, n11, e087/11, mb4.0/7, Nicobar Islands region

Table of station data for the 27 21:20 period, listing station names, times, and resolutions.

NEIC 27 21:21:59.0, 0.4, 7.71N:94.06E, h30km, mb4.3/3, Error ellipse: s-maj=12.8km s-min=8.4km az=64.0

ISC 27 21:22:03.6, 5.7, 7.86N:94.26E, h68km, 53km, mb3.9/16, mb1.4/0.17, mb1mx3.9/24, mbtmp4.1/7, ML4.0/1, Error ellipse: s-maj=40.0km s-min=14.6km az=55.0

ISC 27 21:21:54.1, 0.5, 7.71N:0.08, 94.1E, 0.1, h10km, n31, e0569/29, mb4.3/25, Nicobar Islands region

Main table of station data for the 27 21:20-27 21:22 period, listing station names, times, and resolutions.

Table of station data for PLCA Paso Flores, including station name, time, and resolution.

NEIC 27 21:25:54.9, 0.8, 7.80N:94.13E, h30km, mb4.1/2, Error ellipse: s-maj=20.3km s-min=13.8km az=69.0

ISC 27 21:25:58.1, 10.0, 7.86N:94.20E, h53km, 87km, mb3.5/7, mb1.3/7.8, mb1mx3.5/19, mbtmp3.8/8, ML3.4/1, Error ellipse: s-maj=29.14km s-min=26.4km az=54.0

ISC 27 21:25:53.3, 0.9, 7.9N:0.1, 94.2E, 0.2, h30km, n14, e0599/14, mb3.8/9, Nicobar Islands region

Table of station data for the 27 21:25 period, listing station names, times, and resolutions.

ISC 27 21:31:58.9, 1.5, 7.20N:94.47E, mb4.0/7, mb1.4/2.8, mb1mx3.8/20, mbtmp3.9/8, ML3.9/1, MS4.6/1, Ms1.4/6.1, ms1mx2.8/25, Error ellipse: s-maj=44.2km s-min=27.7km az=37.0, Nicobar Islands region

Table of station data for the 27 21:31 period, listing station names, times, and resolutions.

BUI 27 21:32:19.8, 7.69N:93.71E, h58km, mb5.2, mb4.7, Ms5.2, Ms2.8

MOS 27 21:32:20.0, 1.0, 8.16N:94.01E, h33km, mb5.0/39, Error ellipse: s-maj=11.0km s-min=6.6km az=106.9

HRVD 27 21:32:20.9, 0.3, 7.98N:94.17E, h17km, 2km, MW5.2/58, Centroid moment tensor solution. LR body waves: s26,c42,Mantle waves: s58,c104; Half duration: 1s0 Moment tensor: Scale 10^10Nm; Mr=1.83±.26; Mw=4.0±.21; Mw6.3±.25; Mw6.4±.21±.85; Mw6.2±.80±.20; Mw7.0±.20±.21; Mw6.3±.25±.25; Mw6.1±.31±.10±.16 NP1: q5154°, 857°, -163°, NP2: q54°, 876°, -34°, Principal axes: T7.411, Plg13°, Azm108°; N.402, Plg53°, Azm215°; P-7.814, Plg34°, Azm9°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 27 21:32:20.9, 0.3, 8.12N:94.03E, h30km, mb4.3/26, MS4.4/1, Error ellipse: s-maj=7.7km s-min=6.6km az=22.0

ISC 27 21:32:25.4, 4.1, 8.25N:94.11E, h66km, 36km, mb4.3/24, mb1.4/4.25, mb1mx4.4/27, mbtmp4.6/25, ML4.3/1, MS4.6/1, Ms1.4/7.1, ms1mx2.9/24, Error ellipse: s-maj=20.7km s-min=10.6km az=45.0, Putative timing error at LPAZ

ISC 27 21:32:23.0, 1.4, 8.17N:0.06, 94.13E, 0.4, h61km, 11km, h51km, 9.4km, pP-P, n182, e1902/177, mb4.8/65, 1C-13D, Nicobar Islands region

Main table of station data for the 27 21:32 period, listing station names, times, and resolutions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JIRN, PKI, DMN, KKN, LSA, GKN, KOLN, AAK, AAL, SONM, SONM, KURK, NWAO, ZAL, WRA, WRAB, BVAR, CHKZ, ASAR, KMBO, BRTR, AKASO, IDI, ANOYIA, MLR, FINES, FINES, ARCES, MORC, GERS, HFS, NB2, NOA, PDAR, PLCA.

IGQ 27:22:05:15.2, 1.24S, 81.52W, h4km, mb4.2, 2C, Error ellipse: s-maj=7.9km s-min=5.0km az=24.9, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA, HOJA, JAMA, JAMA, IGUA, JUIV, ARRY, NASI, TERV, PINO, ULBA, YANA, YANA, VC1, TAMB, ANTI, COTA, CAYR, CAYA.

NEIC 27:22:05:35.0-0.5, 7.77N, 94.02E, h30km, mb4.0/2, Error ellipse: s-maj=14.0km s-min=9.7km az=73.0

IDC 27:22:05:37.0, 7.7, 7.74N, 93.97E, h40km, mb3.9/1.1, mb1.4/0.12, mb1mx3.8/20, mbtmp4.1/12, ML4.0/1, Error ellipse: s-maj=56.6km s-min=20.0km az=62.0

ISC 27:22:05:33.8-0.6, 7.76N, 0.09-0.94, 1E, 0.1, h30km, n22, c087/22, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31, CMAR, KMI, LSA, ENSHI, AAK, SONM, KURK, NWAO, ZAL, WRA, WRAB, CHKZ, BRTR, IDI, FINES, ARCES, MORC, GERS, HFS, NOA, NOA.

NEIC 27:22:08:03.0, 7.0, 7.91N, 94.13E, h30km, mb4.3/2, Error ellipse: s-maj=11.0km s-min=11.5km az=82.0

IDC 27:22:08:10.4, 5.2, 8.11N, 94.36E, h88km, mb3.6/1.5, mb1.3/7.16, mb1mx3.9/12.1, mbtmp3.9/16, Error ellipse: s-maj=31.4km s-min=18.0km az=51.0

ISC 27:22:07:58.7-0.6, 7.88N, 0.09-0.94, 1E, 0.1, h10km, n32, c059/31, mb4.2/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, HYB, JIRN, PKI, DMN, KKN, LSA, GKN.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLN, AAK, SONM, KURK, ZAL, WRA, WRAB, BVAR, CHKZ, ASAR, KMBO, BRTR, AKASO, IDI, ANOYIA, MLR, FINES, ARCES, MORC, GERS, HFS, NB2, NOA, PLCA.

CSEM 27:22:08:59.6, 0.3, 40.43N, 14.67E, h5km, MD2.8/5, After ROM 27:22:08:59.6, 0.3, 40.43N, 14.67E, h5km, MD2.8/3, ML2.1/6, 1D, Error ellipse: s-maj=2.5km s-min=1.2km az=0.0, Southern Illipe

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISOR, ISOR, OVO, SGO, SGO, SGO, MRLC, MRLC, MRLC, MGR, MGR, MGR, MGC, MGC, FG4, FG5, SGG, RFI, RIGNO, SDI, SDA, SDA.

BUI 27:22:18:38.2, 7.19N, 93.85E, h30km, mb5.3, mb4.7, Ms5.1, Ms2.5

IDC 27:22:18:39.0, 6.7, 7.4N, 93.97E, mb4.4/26, mb1.4/5.2/7, mb1mx4.5/29, mbtmp4.4/27, ML4.4/1, MS4.2/3, Ms1.4/2/3, ms1mx3.5/25, Error ellipse: s-maj=27.5km s-min=12.5km az=45.0

NEIC 27:22:18:44.1, 0.3, 7.77N, 94.04E, h30km, mb4.6/20, Error ellipse: s-maj=8.4km s-min=7.3km az=49.0

ISC 27:22:18:41.1, 0.2, 3.77N, 0.05-0.94, 12E, 0.05, h22km, 15km, n94, c119/94, mb4.5/51, MS4.4/5, 2C, Nicobar Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNT, NST, CMAR, CHG, PALK, VIS, VIS, VIS, SHL, SHL, HYB, BLSP, BLSP, KMI, MNGI, MNGI, JIRN, GOA, GOA, PKI, DMN, KKN, KAD, LSA, LSA, GKN, BHPL, BHPL, KOLN, ENSHI, ENH, DDH, TG, WHN, WHN, WHN, LZH, LZH, LZH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH, LZH, WMQ, BJI, BJI, BJI, BJI, AAK, SONM, ULY, TLY, TLY, KURK, NWAO, HIA, HIA, WRA, WRAB, BVAR, BVAR, RAYN, BRVK, CHKZ, ASAR, ASAR, GNI, PMG, KMB, ASF, EIL, STKA, BRTR, MBAR, AKASO, LSZ, MLR, JOF, KOLS, CRVS, KAF, LBTB, VYHS, VYHS, OKC, ARCES, MORC, ZST, ZST, DPC, PRU, PRU, BRG, BRG, GERS, KHC, KHC, COLL, MOX, MOX, GRA1, GRF, NB2, NOA, NOA, DAVO, LPG, RPZ, EKA, EKA, IMA, IMA, INK, INK, NVAR, TXAR, PLCA, PLCA.

BUI 27:22:19:09.7, 7.47N, 93.72E, h53km, mb4.8, Ms4.8, Ms2.4/6

NEIC 27:22:19:13.0, 0.4, 8.03N, 94.05E, h30km, mb4.7/8, Error ellipse: s-maj=11.8km s-min=9.9km az=57.0

IDC 27:22:19:22.1, 4.5, 8.46N, 94.02E, h91km, mb4.1/21, mb1.4/3/22, mb1mx4.2/26, mbtmp4.5/22, MS4.3/1, Ms1.4/2/1, ms1mx3.0/25, Error ellipse: s-maj=25.3km s-min=15.9km az=44.0

ISC 27:22:19:20.1, 3.1, 8.49N, 0.09-0.94, 09E, 0.10, h87km, n27km, n45, c081/42, mb4.4/27, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, KMI, KMI, LSA, BHV, BHV, ENH, AAK, SONM, KURK, ZAL, ZAL, BVAR, BVAR, WRA, WRA.

BUI 27:22:19:07.7, 7.47N, 93.72E, h53km, mb4.8, Ms4.8, Ms2.4/6

NEIC 27:22:19:13.0, 0.4, 8.03N, 94.05E, h30km, mb4.7/8, Error ellipse: s-maj=11.8km s-min=9.9km az=57.0

IDC 27:22:19:22.1, 4.5, 8.46N, 94.02E, h91km, mb4.1/21, mb1.4/3/22, mb1mx4.2/26, mbtmp4.5/22, MS4.3/1, Ms1.4/2/1, ms1mx3.0/25, Error ellipse: s-maj=25.3km s-min=15.9km az=44.0

ISC 27:22:19:20.1, 3.1, 8.49N, 0.09-0.94, 09E, 0.10, h87km, n27km, n45, c081/42, mb4.4/27, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, KMI, KMI, LSA, BHV, BHV, ENH, AAK, SONM, KURK, ZAL, ZAL, BVAR, BVAR, WRA, WRA.

Table with columns for flight codes (LZH, WHN, etc.), destinations (Wuhan, Nanjing, etc.), times, and status indicators (P, M, etc.).

Table with columns for flight codes (NVS, MDJ, WRA, etc.), destinations (Mudanjiang, Warramunga Arr, etc.), times, and status indicators (P, M, etc.).

Table with columns for flight codes (BRTR, MBAR, MBAR, etc.), destinations (Keskin Array B, Mbarara, etc.), times, and status indicators (P, M, etc.).

27d 23h

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s, ISC. Includes stations like WTTA Wattenberg, MOX Moxa, WATA Walderalm, etc.

IDC 27 23:25:17.1±1.4, 7.69N-93.81E, mb3.8/5, mb1 4/1/6, mb1mx3.8/18, mbtmp3.8/6, ML4-1/1, Error ellipse: s-maj=50.7km s-min=31.1km az=52.0, Nicobar Islands regio

2005 JAN

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warramunga Arr, etc.

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Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s, ISC. Includes stations like MOS 27 23:26:59.7±0.9, PBA Port Blair, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, NWAO Narrogin (SRO), ZAL Zalesovo, etc.

IDC 27 23:31:02.4.0.6, 4.57S, 10.48W, mb4.4/20, mb1 4.5/21, mb1mx4.4/24, mbtmp4.4/21, ML3.5/1, Error ellipse: s-maj=21.3km s-min=14.6km az=120.0

NEIC 27 23:31:03.0.0.3, 4.62S, 10.39W, h10km, mb4.8/7, Error ellipse: s-maj=12.1km s-min=9.2km az=103.0

ISC 27 23:31:01.9.0.4, 4.57S, 10.07W, h10km, n35, e102/34, mb4.5/25, 1C, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBIC Dimbokro, DBIC Lobatse, SUR Sutherland, etc.

IDC 27 23:34:03.0.7.5, 7.12N, 94.71E, h54km, mb3.7/9, mb1 3.9/10, mb1mx3.6/20, mbtmp4.0/10, ML4.2/1, Error ellipse: s-maj=55.8km s-min=24.3km az=50.0

ISC 27 23:33:58.6.1.0, 7.1N, 0.2.94.7E, 0.2, h33km, n10, e083/10, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, WRA Warrunganga Arr, etc.

IDC 27 23:35:04.4.7.5, 7.88N, 94.69E, mb3.8/4, mb1 4.0/5, mb1mx3.7/9, mbtmp3.8/5, Error ellipse: s-maj=178.2km s-min=54.7km az=139.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, BVAR Borovoye Array, BRTR Keskin Array B, etc.

IDC 27 23:35:42.3.9.3, 8.82N, 95.61E, h42km, mb3.5/5, mb1 3.8/6, mb1mx3.5/19, mbtmp3.7/6, ML3.9/1, Error ellipse: s-maj=86.5km s-min=24.7km az=50.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warrunganga Arr, etc.

IGQ 27 23:38:05.7.1.54S, 81.04W, h9km, mb5km, mb4.0, 1C, Error ellipse: s-maj=9.5km s-min=4.2km az=8.8, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, HOJA JAMA, JAMA Jama, etc.

BJI 27 23:40:42.0.7.29N, 93.72E, h30km, mb5.3, mb4.8, Ms4.6, Ms2.5

IDC 27 23:40:44.8.0.6, 7.98N, 94.08E, mb4.6/21, mb1 4.7/22, mb1mx4.6/25, mbtmp4.6/22, ML4.2/1, MS4.3/2, Ms1 4.3/2, ms1mx3.4/25, Error ellipse: s-maj=31.7km s-min=14.3km az=49.0

MOS 27 23:40:48.9.1.1, 8.08N, 94.11E, h33km, mb5.1/30, Error ellipse: s-maj=11.6km s-min=6.4km az=112.5

HRVD 27 23:40:49.0.5.8, 0.00N, 94.25E, h22km, 2km, MW4.9/4, Centroid moment Tensor Solution. LP body waves: s4,c5; Mantle waves: s42,c2; Half duration: 0 Moment tensor: Scale 1016Nm; Mir-1.73%; Mw-0.82z; Mw2.56z; Mw-0.96z; Mw1.11z; Mw-0.36z; Mw-0.25z; Best double couple: M2.679z/1016 Nm; P-166.847z; N-139z; NPZ: 64.5; 81.1; 4.51z; Principal axes: T 2.97z, P1g55, Azm108; N-59z, P1g34; Azm204; P-2.37z, P1g55; Azm77; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 23:40:49.0.3.8, 0.6N, 94.14E, h30km, mb4.2/21 Error ellipse: s-maj=9.5km s-min=6.7km az=52.0

ISC 27 23:40:50.5.1.6, 8.03N, 0.06.94.23E, 0.05, h50km, 13km, n153, e098/148, mb4.9/53, MS4.4/3, 9C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNT Nonplab, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 27 23:40:50.5.1.6, 8.03N, 0.06.94.23E, 0.05, h50km, 13km, n153, e098/148, mb4.9/53, MS4.4/3, 9C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNT Nonplab, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 27 23:40:50.5.1.6, 8.03N, 0.06.94.23E, 0.05, h50km, 13km, n153, e098/148, mb4.9/53, MS4.4/3, 9C-10D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, GKN Gorkha, BHPL Bhopal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH Lanzhou, AP pP, XZ sP, AMB AMB, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, s, ISC. Includes entries for IDC 2800:07:49.0, BUI 2800:07:53.3, NEIC 2800:07:54.0, etc.

IDC 2801:11:27.0, BUI 2801:11:31.9, NEIC 2801:11:31.9, etc. Error ellipse: s-maj=28.9km s-min=17.2km az=57.0

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, s, ISC. Includes entries for CMAR Chiang Mai Arr, HYB Hyderabad, KMI Kunming, etc.

IDC 2801:15:41.3, BUI 2801:15:41.3, NEIC 2801:15:41.3, etc. Error ellipse: s-maj=25.0km s-min=12.9km

az=49.0, BUI 2800:15:44.7, HRVD 2800:15:44.8, Centroid moment tensor Solution, etc.

ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, s, ISC. Includes entries for SNG Songkhla, NNT Nongplab, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, s, ISC. Includes entries for SONM Songino Array, SONM Shenyang, SNI SNI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for LBTB, VYHS, OKC, ARCES, MORC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for VLS, Dalsamata, EVR, Egvryntia, AGG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TIRR, Tirgusor, TIRR, Tirgusor, MZDA, etc.

BJJ 28.00:17:37.9, 34.55N-23.06E, h15km, mb5.0, Ms5.3, Ms2.2
ATH 28.00:17:38.8, 34.37N-23.10E, h18km, 7km, MD4.4/19, ML4.6
ZUR_RM 28.00:17:38.34, 37N-23.10E, h48km, Mw4.9/18, Moment Tensor Solution...

SSZAC Souni-Zanaga, 7.81 87 P
PUK Puka, 7.87 341 P
LITRZ Laterza, 7.90 321 P
ULC Ulicinj, 7.99 337 P
KIZC Kizical, 8.00 56 P
MAMC Mammari, 8.08 84 P
CSS Prodromos, 8.17 85 P

WTTA Wattenberg, 15.39 328 P
WTTA Wattenberg, 15.39 328 P
SOC Sochi, 15.46 50 P
SOC Sochi, 15.46 50 P
WATA Walderalm, 15.47 328 P
WATA Walderalm, 15.47 328 P

28d 0h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Furstenfeldbrunn, Dobruska-Polom, and various regional stations.

2005 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Collin, SWS, LANF, and various regional stations.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ESDC, ESLSA, and various regional stations.

28d 0h

Table with columns: OBKA, LUJ, PDKS, PERS, PERS, PERS, BOJS, BOJS, BOJS, GOLS. Includes station names, frequencies, and signal quality indicators.

IGQ 28.00:27.35.1, 1.59S.81.13W, h10km, 5km, mb4.2, 6C-4D, Error ellipse: s-maj=11.0km s-min=3.6km az=178.7, Off coast of Ecuador

Table listing stations for IGQ 28.00:27.35.1, including HOJA, JAMA, JAMA, MAGD, IGUA, JUUV, ARRY, RETU, ULBA, PISA, NAS1, JU2, COTAXI, VCI, TERRA, PINO, TAMB, YANA, ANTI, ANTI, COTA, CAYR, CAYA.

IDC 28.00:28.51.6.2.8.8, 14N-93.90E, mb4.0/11, mb1 4.1/12, mb1mx4.3/20, mbmp4.0/20, ML3.8/1, Error ellipse: s-maj=67.8km s-min=30.6km az=135.0

NEIC 28.00:28.55.1.0.6.7.9.9N-94.05E, h30km, mb4.3/4, Error ellipse: s-maj=15.4km s-min=13.0km az=106.0

ISC 28.00:28.53.2.0.9.8.0N.1.94.1E.0.1, h30km, m2.0, c=079/19, mb4.0/15, Nicobar Islands region

Table listing stations for IDC, NEIC, and ISC, including CMAR, LSA, SONM, KURK, ZAL, WRAB, BVAR, KMBO, BRTR, AKASG, MLR, FINES, FINES, KAF, GERES, HFS, NB2, NOA, NOA, PDAR.

IDC 28.00:30.33.5.0.8.8.2N-94.14E, mb4.2/15, mb1 4.4/16, mb1mx4.3/20, mbmp4.2/16, Error ellipse: s-maj=27.0km s-min=19.2km az=50.0

BUI 28.00:30.36.7.59N-93.93E, h49km, mb4.6, NEIC 28.00:30.37.2.4.7.8.03N-94.18E, h22km, 32km, mb4.5/7, Error ellipse: s-maj=15.2km s-min=9.5km az=48.0

ISC 28.00:30.37.2.0.5.8.05N.0.08.94.22E.0.2, h30km, n14, c=191/40, mb4.4/27, 1.0, Nicobar Islands region

Table listing stations for IDC, BUI, and ISC, including CMAR, VIS, VIS, KMI, JIRN, PKI, DMN, KKN, KAD, KAD, LSA, GKN, KOLN, BHPL, BHPL, SONM, KURK, ZAL, WRA, WRAB, BVAR, MAT, MAT, MAT.

2005 JAN

Main table for 2005 JAN with columns: MAT, ASAR, KIV, KMBO, BRTR, AKASG, MLR, FINES, KAF, LBTB, ARCES, GERES, KHC, HFS, GR1, GRF, NB2, NOA, IMA, ILAR, NVAR, PDAR, TXAR, PASO.

NEIC 28.00:32.33.3, 16.81N-62.12W, h132km, MD3.5(TRAN), After TRN

TRN 28.00:32.32.3, 16.89N-62.09W, h143km, M3.3(FDF), 3C-2D, Leeward Islands

Table listing stations for NEIC and TRN, including BPA, SKBT, SEK, SGI, CPB, BSK, BSK, BCG, SCG, DOG, DEG, DEG, MEG, BBL, STMA, STMA, FDM, CAR, BIM, MVM.

IDC 28.00:37.10.0.2.8.8, 17N-93.86E, mb4.0/9, mb1 4.1/10, mb1mx3.9/19, mbmp3.9/10, ML4.2/1, Error ellipse: s-maj=75.7km s-min=37.2km az=125.0

NEIC 28.00:37.13.7.1.3.05N-94.01E, h30km, mb4.3/1, Error ellipse: s-maj=36.8km s-min=16.0km az=126.0

ISC 28.00:37.14.5.1.4.1.0, 8.4N.0.5.93.8E.0.5, h30km, n14, c=079/13, mb4.1/10, Nicobar Islands region

Table listing stations for IDC, NEIC, and ISC, including CMAR, KURK, ZAL, BVAR, KMBO, BRTR, FINES, AKASG, FINES, ARCES, GERES, HFS, NB2, NOA, NOA, PDAR.

NIED 28.00:38.00.34.20N-141.60E, h5km, Mw4.7 Best double couple: M1.17x10^16 Np1.53°, 876°, 1.94°. NP2.2x10^14, 814°, 1.72°

IDC 28.00:38.26.4.0.8.34.18N-141.68E, mb3.9/13, mb1 4.1/13, mb1mx4.0/22, mbmp3.9/13, Error ellipse: s-maj=21.8km s-min=16.5km az=119.0

JMA 28.00:38.30.3.0.6.34.25N-141.57E, h34km, 2km, M3.7, Zalesovo 28.00:38.31.3.5.2.34.18N-141.61E, h32km, 36km, Error ellipse: s-maj=15.8km s-min=11.2km az=83.0

ISC 28.00:38.28.2.1.7.34.21N.0.05.141.73E.0.07, h24km, 11km, n31, c=084/34, mb3.9/15, Off east coast of Honshu

Table listing stations for NIED, IDC, JMA, and ISC, including BSO1, BSO3, BSO4, CHJO, JHU2, JHU, JHU, JHM, JIM2, JIZD, JIZD, JAG, JYN, JYN, JRY, MAJO, SONM, ZAL, KURK, ILAR, BVAR, BRVK, WRA, WRA, WRA.

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Table listing stations for INK, INK, ASAR, NVAR, AKASG, PDAR, BRTR, GERES.

IGQ 28.00:42.39.1, 1.37S-81.02W, h12km, 6km, mb4.0, 2C-3D, Error ellipse: s-maj=11.0km s-min=5.6km az=1.6, Off coast of Ecuador

Table listing stations for IGQ, including HOJA, JAMA, JAMA, IGUA, ARRY, ULBA, NAS1, PISA, JU2, TERV, PINO, VCI, TAMB, YANA, ANTI, ANTI, COTA, CAYR, CAYA.

IDC 28.00:47.46.5.1.3.7.27N-93.95E, mb3.9/9, mb1 4.0/10, mb1mx3.9/19, mbmp3.9/10, ML4.2/1, Error ellipse: s-maj=40.6km s-min=28.3km az=54.0

NEIC 28.00:47.51.4.1.0.7.39N-94.13E, h30km, mb4.2/2, Error ellipse: s-maj=25.7km s-min=19.9km az=78.0

ISC 28.00:47.49.6.1.0.7.4N.0.1.94.2E.0.2, h30km, n14, c=191/14, mb3.9/11, Nicobar Islands region

Table listing stations for IDC, NEIC, and ISC, including CMAR, LSA, LSA, SONM, KURK, ZAL, BVAR, FINES, BRTR, FINES, GERES, NB2, NOA.

IDC 28.00:49.22.1.0.7.7.79N-93.95E, mb4.2/17, mb1 4.3/18, mb1mx4.3/22, mbmp4.2/18, ML4.5/1, Error ellipse: s-maj=25.9km s-min=17.0km az=44.0

BUI 28.00:49.27.5.7.84N-93.64E, h38km, mb5.1, mb4.5, Ms4.9, Ms2.9

NEIC 28.00:49.28.2.1.6.7.82N-94.12E, h33km, 13km, mb4.5/10, Error ellipse: s-maj=14.0km s-min=11.2km az=180.0

ISC 28.00:49.25.6.0.6.7.05N.0.08.94.15E.0.2, h30km, n61, c=126/54, mb4.4/29, MS4.5/1, 1.0, Nicobar Islands region

Table listing stations for IDC, BUI, NEIC, and ISC, including NNT, NSI, CMAR, CHG, NANT, CHRT, PALK, HYB, QIZ, KMI, JIRN, PKI, DMN, KKN, LSA, LSA, GKN, KOLN, ENH, WMQ, WMQ, WMQ, WMQ, WMQ, AAK, SONM, KURK, ZAL, WRA, BVAR, ASAR, GNI, GNI, KMBO, KMLB, MALT, BRTR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, IDI Anoyia, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, UPC Ulice, PRU Pruhonice, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOD comp=Z,38nm,1.3s, KOD Imphal, IMP Trivandrum, etc.

IDC 2800:50:02.5:0.6, 7.95N-93.93E, mb4.3/20, mb1 4.5/21, mb1mx4.5/24, mbtmp4.3/21, ML4.3/1, MS3.9/1, Ms1 3.9/1, ms1mx3.2/14, Error ellipse: s-maj=25.5km s-min=14.1km az=51.0

BUI 2800:50:07.2, 7.64N-93.78E, h71km, mb5.1, mb4.8, Ms5.1, Ms2.8

NEIC 2800:50:08.9:0.4, 7.91N-94.00E, mb4.8/16, Error ellipse: s-maj=12.4km s-min=9.2km az=54.0

ISC 2800:50:07.4:0.4, 7.87N-93.94E, 0.06, h46km, h46km, 1.7km, pP-P, n63, c101/59, mb4.5/33, MS4.4/3, 1C, Nicobar Islands region

IDC 2800:55:42.2:8.1, 8.64N-92.86E, mb3.7/3, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, ML4.0/1, Error ellipse: s-maj=187.4km s-min=52.0km az=147.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SOMN Songino Array, ZAL Zalesovo, etc.

IDC 2800:58:04.4:2.6, 19.52N-65.16W, mb3.8/6, mb1 4.2/7, mb1mx3.9/19, mbtmp3.8/7, ML3.6/1, MS4.2/1, Ms1 4.2/1, ms1mx3.0/24, Error ellipse: s-maj=66.5km s-min=19.2km az=105.0

NEIC 2800:58:10.4:1.6, 19.48N-65.33W, h40km, mb3.9/3, Error ellipse: s-maj=38.8km s-min=9.7km az=95.0

ISC 2800:58:04.7:5.8, 19.5N-10.165.1W-0.3, h177km, h48km, n18, c043/18, mb3.9/9, MS4.3/1, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJG San Juan, SJG comp=Z,1um,18.9s, etc.

BUI 2801:01:22.7, 7.37N-93.85E, h43km, mb5.2, mb4.8, Ms5.0, Ms2.5

IDC 2801:01:23.0:0.5, 7.95N-94.11E, mb4.8/26, mb1 4.9/27, mb1mx4.9/30, mbtmp4.8/27, ML4.0/1, MS4.0/2, Ms1 4.0/2, ms1mx2.9/30, Error ellipse: s-maj=27.8km s-min=10.8km az=45.0, Putative timing error at 15A

MOS 2801:01:26.6:1.1, 8.02N-94.15E, h33km, mb5.2/60, Error ellipse: s-maj=9.0km s-min=5.0km az=116.1

HRVD 2801:01:29.4:0.5, 7.94N-94.17E, h12km, MW4.9/43, Centroid moment Tensor Solution, LP body waves: s8,c8; Mantle waves: s4,3,c6; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr-2.26; Mo-0.82; Ms-1.45; 1b; Mo-1.07; 44; Mo-0.90; 07; Mo-0.25; 37; Best double couple: M2.394x10^16 NPI=198, S42, A-119. NP2: Azm128; N-538, Plg19; Azm221; T-2.66, Plg70, Azm222; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 2801:01:29.4:1.3, 7.96N-94.17E, h43km, 11km, mb4.9/52, Error ellipse: s-maj=7.0km s-min=4.6km az=222.0

ISC 2801:01:26.6:0.9, 7.97N-94.18E-0.04, h34km, 7km, h34km, 2.0km, pP-P, n259, c089/42/8, mb4.9/32, MS4.3/5, 20C-18D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PBA Port Blair, SNG Songkhla, SOMN Songino Array, etc.

SMA Simla, SMLA comp=Z,51nm,1.2s

SMA LHZH Lanzhou, 29.34 37 P P, 29.35 16 P P

LZH Lanzhou, 29.35 16 P P, 29.35 16 P P

LZH Lanzhou, 29.35 16 P P, 29.35 16 P P

LZH Lanzhou, 29.35 16 P P, 29.35 16 P P

Nanjing, 33.17 40 P P, 33.17 40 P P

comp=Z,100nm,7.0s, LR LR

comp=N,1um,10.6s, LR LR

comp=E,910nm,18.5s, LR LR

comp=Z,1um,19.1s, LR LR

Sheshan, 34.13 44 P P, 34.13 44 P P

comp=Z,277nm,8.2s, 34.13 44 P P, 34.13 44 P P

comp=Z,330nm,0.7s, mb5.2, 36.16 352 P P, 36.16 352 P P

WMQ Urumqi, 36.16 352 P P, 36.16 352 P P

WMQ comp=Z,46nm,1.1s, mb5.3, 37.48 28 P P, 37.48 28 P P

WMQ comp=Z,294nm,5.5s, 37.48 28 P P, 37.48 28 P P

WMQ comp=N,765nm,16.5s, MS4.7, 37.48 28 P P, 37.48 28 P P

WMQ comp=E,602nm,16.3s, MS4.7, 37.48 28 P P, 37.48 28 P P

BJT Baijiatuu, 37.48 28 P P, 37.48 28 P P

BJT Baijiatuu, 37.48 28 P P, 37.48 28 P P

BJT Baijiatuu, 37.48 28 P P, 37.48 28 P P

BJI Beijing, 37.51 28 P P, 37.51 28 P P

UCH Uchtor, 38.28 336 P P, 38.28 336 P P

KBK Karagaybulak, 38.47 337 P P, 38.47 337 P P

AML Almayarsu, 38.53 335 P P, 38.53 335 P P

AAK Ala-Archa, 38.63 337 P P, 38.63 337 P P

AAK Ala-Archa, 38.63 337 P P, 38.63 337 P P

AAK Ala-Archa, 38.63 337 P P, 38.63 337 P P

CHMS Chumysh, 38.84 337 P P, 38.84 337 P P

USP Oshenovka, 39.16 337 P P, 39.16 337 P P

MKAR Makanchi Array, 40.00 347 P P, 40.00 347 P P

SOMN Songino Array, 41.06 13 P P, 41.06 13 P P

ULN Ulanbaatar, 41.23 13 P P, 41.23 13 P P

ULN Ulanbaatar, 41.23 13 P P, 41.23 13 P P

28d 1h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like ZAL Zalesovo, ZAL Zalesovo, ZAL Zalesovo, etc.

2005 JAN

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like OBN Obninsk, MA2 Magadan, TIRX Tirsator, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like GRF Grafenberg Arr, SQT Sankt Quirin, SQT Sankt Quirin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, CHKZ Chkalovo, KMBO Kiliima Mbo, etc.

IDC 28 02:07:15.5:0.2, 26.66N, 125.59E, h43km, 48km, mb3.6/6, mb1 3.8/7, mb1mx3.6/21, mbtmp3.9/7, ML4.2/1, Error ellipse: s-maj=15.6km s-min=29.2km az=1.0, h30km, n14, JMA 28 02:07:23.5, 28.31N, 129.56E, h35km, 1km, M3.9, JMA Feil II J1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAM Amami Oshima, JAM IJA, JZK Kikaishima, etc.

IDC 28 02:10:15.8:6.5, 7.67N, 94.28E, h45km, 58km, mb3.6/9, mb1 3.8/10, mb1mx3.7/18, mbtmp3.8/10, ML3.8/1, Error ellipse: s-maj=55.2km s-min=18.8km az=53.0, ISC 28 02:10:12.7:0.9, 7.7N, 94.3E, 0.2, h33km, n12, c087/10, mb3.8/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 28 02:10:26.6:1.1, 7.77N, 93.99E, mb4.1/8, mb1 4.3/9, mb1mx4.1/18, mbtmp4.1/9, ML4.5/1, Error ellipse: s-maj=45.6km s-min=21.1km az=57.0, NEIC 28 02:10:31.2:0.6, 7.82N, 94.05E, h30km, mb4.5/1, Error ellipse: s-maj=20.6km s-min=12.3km az=70.0, ISC 28 02:10:31.3:3.6, 7.9N, 92.0, 2.94, 0.2, h42km, 30km, n14, c065/12, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, HYB Hyderabad, SONM Songoing Array, etc.

IDC 28 02:12:34.5:1.3, 7.83N, 93.58E, mb3.9/7, mb1 4.1/8, mb1mx3.9/18, mbtmp4.0/8, ML4.4/1, Error ellipse: s-maj=45.1km s-min=26.9km az=57.0, NEIC 28 02:12:39.6:1.2, 7.91N, 93.94E, h30km, mb4.2/3, Error ellipse: s-maj=26.4km s-min=22.4km az=21.0, ISC 28 02:12:37.9:1.1, 8.01N, 92.0, 2.94, 0.2, h30km, n14, c116/15, mb3.9/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, HYB Hyderabad, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRVK Borovoye, CHKZ Chkalovo, ASAR Alice Springs, etc.

IDC 28 02:12:52.9:0.6, 7.69N, 93.87E, mb4.5/18, mb1 4.7/19, mb1mx4.6/22, mbtmp4.5/19, ML4.6/1, Error ellipse: s-maj=31.6km s-min=14.5km az=51.0, MOS 28 02:12:56.9:1.8, 7.75N, 94.12E, h33km, mb4.9/25, Error ellipse: s-maj=14.4km s-min=7.4km az=111.2, BUJ 28 02:12:56.1, 7.92N, 93.40E, h19km, mb5.1, mb4.6, Ms4.6, Ms4.4

NEIC 28 02:12:57.9:0.5, 7.72N, 94.02E, h30km, mb4.8/16, Error ellipse: s-maj=16.9km s-min=12.0km az=61.0, ISC 28 02:12:56.9:0.4, 7.75N, 94.0E, h33km, n90, c160/87, mb4.6/33, MS4.6/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

IDC 28 02:18:01.4:0.9, 7.84N, 93.83E, mb4.0/11, mb1 4.2/12, mb1mx4.1/19, mbtmp4.0/12, ML4.1/1, Error ellipse: s-maj=38.7km s-min=19.0km az=52.0, NEIC 28 02:18:06.2:0.6, 7.87N, 93.88E, h30km, mb4.5/2, Error ellipse: s-maj=22.1km s-min=12.6km az=61.0, ISC 28 02:18:01.2:0.7, 7.8N, 94.1, 1.93, 9E, 0.1, h10km, n21, PASO Flores 144.43 200 PKP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, KURK Kurchatov, etc.

IDC 28 02:19:36.4:9.7, 7.43N, 94.04E, mb3.9/7, mb1 4.1/8, mb1mx3.9/18, mbtmp3.9/8, ML4.4/1, Error ellipse: s-maj=235.1km s-min=41.2km az=143.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAF Kangasimie, KAF Kangasimie, VYHS Vyhne, etc.

IDC 28 02:19:59.0:0.6, 7.95N, 94.21E, mb4.4/19, mb1 4.6/20, mb1mx4.5/23, mbtmp4.4/20, ML4.9/1, Error ellipse: s-maj=27.5km s-min=14.0km az=50.0, BUJ 28 02:20:02.4:7.56N, 93.73E, h53km, mb5.2, mb4.6, Ms5.0, Ms4.7

NEIC 28 02:20:03.4:0.3, 7.92N, 94.15E, mb4.8/26, Error ellipse: s-maj=8.0km s-min=7.0km az=71.0, ISC 28 02:20:02.2:3.0, 7.95N, 0.1, 96.4, 0.2, h30km, 20km, h2km, 2.8km, p-P, n90, c095/86, mb4.6/50, MS4.6/1, 2C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRG Berggiesshubel, BRG Berggiesshubel, GERES GERES Array B, etc.

IDC 28 02:19:59.0:0.6, 7.95N, 94.21E, mb4.4/19, mb1 4.6/20, mb1mx4.5/23, mbtmp4.4/20, ML4.9/1, Error ellipse: s-maj=27.5km s-min=14.0km az=50.0, BUJ 28 02:20:02.4:7.56N, 93.73E, h53km, mb5.2, mb4.6, Ms5.0, Ms4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, KURK Kurchatov, etc.

IDC 28 02:19:59.0:0.6, 7.95N, 94.21E, mb4.4/19, mb1 4.6/20, mb1mx4.5/23, mbtmp4.4/20, ML4.9/1, Error ellipse: s-maj=27.5km s-min=14.0km az=50.0, BUJ 28 02:20:02.4:7.56N, 93.73E, h53km, mb5.2, mb4.6, Ms5.0, Ms4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Joensuu, FINESS Array B, Kangasniemi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like NJ2, SSE, SSS, SSS, SSS, etc.

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

IDC 28 02:28:55.5-0.5, 8.10N-94.25E, mb4.8/25, mb1 4.8/26, mb1mx4.8/29, mbmp4.7/26, ML4.4/1, MS4.8/1, Ms1 4.8/1, ms1mx3.1/25, Error ellipse: s-maj=25.0km s-min=12.8km az=44.0, Putative timing error at LPAZ

BUI 28 02:28:57.4, 7.59N-93.79E, h38km, mb5.4, s-min=1, Ms5.2, Ms2.8

HRVD 28 02:28:58.9-0.3, 7.99N-94.15E, h12km, MW5.2/54, Centroid moment tensor solution. LP body waves: s19, c23, mantle waves: s54, c90. Half duration: 150

NEIC 28 02:28:58.9-0.3, 7.83N-93.95E, mb5.1/60, MS4.7/8 Error ellipse: s-maj=8.7km s-min=7.8km az=8.0

MOS 28 02:29:00.1, 2, 8.09N-93.78E, h33km, mb5.3/61, MS4.7/6, Error ellipse: s-maj=9.3km s-min=5.6km az=106.1

ISC 28 02:28:57.5-0.3, 7.89N-93.95E, h23km, h23km-1.1km, p-P, n235, c1927/229, mb5.0/92, MS4.7/14, 12C-14D, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Chiang Mai Arr, KOD, SHL, HYB, Qiongzong, KMI, KMI, KMI, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EIL, EIL, YAK, YAK, STKA, ANN, BRTR, BRTR, SIM, SIM, MBAR, MBAR, MBAR, etc.

28d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like KEV, OKC, ARCES, ARCES Array B, etc.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like LPGA, BNI, BNI, BNI, BNI, BNI, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ARCES, MORV, GERE, NB2, NOA, etc.

IDC 28 02:38:48.7, 3.9, 12.80N:92.47E, mb4.0/10, mb1 4.2/11, mb1mx4.1/20, mbtmp4.0/11, ML 3.9/1, Error ellipse: s-maj=98.9km s-min=42.0km az=156.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CMAR, ENH, SONM, ZAL, etc.

IDC 28 02:38:54.6, 1.0, 7.93N-93.94E, mb3.8/8, mb1 4.0/9, mb1mx3.9/18, mbtmp3.8/9, ML 3.7/1, Error ellipse: s-maj=49.3km s-min=20.2km az=48.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CMAR, SHL, ZAL, WRA, etc.

BJI 28 02:39:24.9, 7.40N:93.90E, h30km, mb4.5 NEIC 28 02:39:25.0, 7.36N:93.86E, h30km, mb4.6/13, Error ellipse: s-maj=13.5km s-min=10.7km az=82.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CMAR, HYB, KMI, LZH, etc.

IDC 28 02:39:27.3, 3.0, 7.37N:101.94E, 0.1, h33km, n44, 4090/41, mb4.4/29, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CMAR, HYB, KMI, LZH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAF Kangasniemi, LBTB Lobatse, KEV Kevo, etc.

IDC 28 02:40:55.0.1.9.8.16N.94.06E, mb4.3/14, mb1 4.4/15, mb1mx4.3/22, mbtmp4.2/15, ML4.3/1, Error ellipse: s-maj=49.2km s-min=34.3km az=133.0

NEIC 28 02:40:58.0.6.7.88N.93.86E, h30km, mb4.5/5, Error ellipse: s-maj=17.6km s-min=15.6km az=74.0

ISC 28 02:40:57.6.0.9.8.0N.0.1.94.0E.0.1, h33km, n28, 0576/24, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songoing Array, KURK Kurchatov, etc.

IDC 28 02:42:39.4.1.0.7.44N.93.98E, mb4.0/10, mb1 4.2/11, mb1mx4.0/19, mbtmp4.0/11, ML4.0/1, Error ellipse: s-maj=43.0km s-min=20.5km az=55.0

NEIC 28 02:42:43.7.0.5.7.44N.93.97E, h30km, mb4.5/4, Error ellipse: s-maj=16.0km s-min=11.0km az=66.0

ISC 28 02:42:38.9.0.8.7.4N.0.1.94.0E.0.1, h10km, n16, 0570/15, mb4.1/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, BJT Bajitlau, SONMG Songoing Array, etc.

IDC 28 02:44:59.4.0.9.7.95N.93.83E, mb4.2/15, mb1 4.4/16, mb1mx4.3/21, mbtmp4.2/16, ML4.5/1, Error ellipse: s-maj=34.7km s-min=19.3km az=49.0

BUI 28 02:45:03.3.7.59N.93.80E, h58km, mb4.6/6, Error ellipse: s-maj=14.9km s-min=11.5km az=65.0

ISC 28 02:45:03.1.0.6.7.7N.0.1.94.0E.0.1, h33km, n33, 0579/30, mb4.4/23, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KUMNG Kunming, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKI Pulchoki, DMN Daman, KKN Kankan, etc.

IDC 28 02:39.4.11.0.8.07N.93.71E, mb3.8/6, mb1 4.0/6, mb1mx3.7/18, mbtmp3.6/6, Error ellipse: s-maj=276.5km s-min=76.5km az=131.0, Nicobar

NEIC 28 02:39.4.11.0.8.07N.93.71E, h30km, mb4.2/6, Error ellipse: s-maj=21.4km s-min=13.2km az=66.0

ISC 28 02:52:11.3.0.8.7.9N.0.1.94.0E.0.2, h30km, n23, 0595/21, mb4.0/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, BVAR Borovoye, BRTR Keskin Array, etc.

IDC 28 02:52:09.1.1.0.8.07N.94.20E, mb3.9/11, mb1 4.1/12, mb1mx4.0/20, mbtmp3.9/12, ML4.0/1, Error ellipse: s-maj=52.5km s-min=20.6km az=51.0

NEIC 28 02:52:13.4.0.6.7.86N.93.95E, h30km, mb4.2/6, Error ellipse: s-maj=21.4km s-min=13.2km az=66.0

ISC 28 02:52:11.3.0.8.7.9N.0.1.94.0E.0.2, h30km, n23, 0595/21, mb4.0/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONMG Songoing Array, etc.

IDC 28 03:07:58.4.0.8.7.62N.94.00E, mb4.0/13, mb1 4.2/14, mb1mx4.1/21, mbtmp4.0/14, ML3.9/1, Error ellipse: s-maj=28.9km s-min=19.4km az=51.0

NEIC 28 03:08:03.1.0.6.7.64N.93.99E, h30km, mb4.3/4, Error ellipse: s-maj=19.0km s-min=12.8km az=59.0

ISC 28 03:07:58.1.0.6.7.7N.0.1.94.0E.0.1, h10km, n27, 0571/24, mb4.1/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, BLSP Bilaspur, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, WRA Warramunga Arr, WRAB Warramunga Crk, etc.

IDC 28 03:08:47.0.6.8.21N.94.10E, mb4.5/24, mb1 4.6/25, mb1mx4.6/28, mbtmp4.5/25, ML3.9/1, MS3.4/1, MS1 3.6/1, ms1mx2.7/25, Error ellipse: s-maj=26.2km s-min=15.6km az=43.0

BUI 28 03:08:51.3.7.84N.93.76E, h49km, mb5.2, mb4.6, Ms4.3, Error ellipse: s-maj=9.0km s-min=7.2km az=22.0

ISC 28 03:08:51.1.0.4.8.10N.94.07E, h30km, n87, 0576/82, mb4.6/46, IC, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kunming, KMI Kiri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FUR Furstenfeldbru, GRA1 Grafenberg Arr, GRF Grafenberg Arr, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, FINES FINESS Array B, GERES GERS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ADC 28 03:12:21.0.0.8, 7.96N-94.18E, mb4.1/14, mb1 4.3/15, mb1mx3.4/12, mbtmp4.1/15, ML4.8/1, Error ellipse: s-maj=33.5km s-min=20.0km az=48.0

ADC 28 03:23:52.3.1.0, 8.29N-93.81E, mb4.1/11, mb1 4.3/12, mb1mx4.1/19, mbtmp4.1/12, ML4.8/1, Error ellipse: s-maj=32.2km s-min=25.1km az=41.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONMG Songo Array, KURK Kurchatov, etc.

ADC 28 03:12:20.0.0.7, 7.7N-93.84E, h30km, mb4.5/4, Error ellipse: s-maj=17.6km s-min=10.7km az=56.0

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

ADC 28 03:14:17.4.10.0, 7.93N-93.72E, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, mbtmp3.9/6, Error ellipse: s-maj=250.4km s-min=50.8km az=146.0, Nicobar Islands region

BUI 28 03:26:21.4.7, 26N-93.69E, h30km, mb5.1, mb4.7, Ms5.2, Ms2.8

ADC 28 03:26:23.0.6.7, 9.3N-94.12E, mb4.4/19, mb1 4.5/20, mb1mx4.5/23, mbtmp4.2/20, ML4.3/1, MS4.6/1, 4.6/1, ms1mx3.1/18, Error ellipse: s-maj=27.0km s-min=15.4km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONMG Songo Array, ZAL Zalesovo, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, VIS VIS, etc.

ADC 28 03:15:26.3.1.0, 9.39N-125.95E, mb4.0/7, mb1 4.2/7, mb1mx3.9/19, mbtmp4.0/7, Error ellipse: s-maj=91.9km s-min=21.5km az=69.0

ADC 28 03:15:34.1.9, 40N-126.28E, h23km, mb4.5, ML3.4, MS3.3, Error ellipse: s-maj=126.32E, s-min=126.32E, h=0.08, h65km, 8km, n21, -0.96/29, mb107.4C-1D, Mindanao

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMI Kuming, CMAR Chiang Mai Arr, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NDI New Delhi, ENH Enshi, DDI Dehra Dun, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ADC 28 03:12:20.0.0.7, 7.7N-93.84E, h30km, mb4.5/4, Error ellipse: s-maj=17.6km s-min=10.7km az=56.0

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

ADC 28 03:14:17.4.10.0, 7.93N-93.72E, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, mbtmp3.9/6, Error ellipse: s-maj=250.4km s-min=50.8km az=146.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONMG Songo Array, ZAL Zalesovo, BRTR Keskin Array B, etc.

ADC 28 03:15:26.3.1.0, 9.39N-125.95E, mb4.0/7, mb1 4.2/7, mb1mx3.9/19, mbtmp4.0/7, Error ellipse: s-maj=91.9km s-min=21.5km az=69.0

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

Table with columns: ILAR, Eielson Array, WUWY, NVAR, etc. Includes station names, coordinates, and various parameters.

Table with columns: WRA, ASAR, STKA, etc. Includes station names, coordinates, and various parameters.

IDC 28 03:29:24.0-0.9, 8.04N-94.09E, mb4.3/12, mb1 4.5/13, mb1mx4.4/20, mbtmp4.3/13, ML4.6/1, Error ellipse: s-maj=32.4km s-min=23.2km az=52.0

Table with columns: CMAR, HYB, KMI, LSA, PTH, ENH, WMQ, etc. Includes station names, coordinates, and various parameters.

Table with columns: WMQ, BJI, AAK, SONM, KURK, ZAL, MDJ, etc. Includes station names, coordinates, and various parameters.

Table with columns: MDJ, BVAR, CHZK, ASAR, KIMBO, KMBO, MALT, BRTR, AKASG, MLR, FINES, OKC, ARCES, MORC, DPC, UJC, BRG, GERES, KHC, NB2, NOA, LPG, IMA, NVAR, PDAR, TXAR, PLCA, etc. Includes station names, coordinates, and various parameters.

Table with columns: IDC 28 03:31:21.3-0.4, 8.05N-94.17E, mb4.9/24, mb1 5.0/25, mb1mx5.0/27, mbtmp4.9/25, ML4.5/1, MS4.6/1, MS1 4.6/6, ms1mx4.3/14, Error ellipse: s-maj=21.8km s-min=11.1km az=47.0

Table with columns: IDC 28 03:31:22.6, 7.58N-93.94E, h42km, mb5.4, mb4.9, Ms5.3, Ms2.0, MOS 28 03:31:24.3-0.9, 7.96N-94.07E, h33km, mb5.5/76, MS4.9/21, Error ellipse: s-maj=8.4km s-min=4.3km az=121.2, NEIC 28 03:31:24.0-2.9, 7.96N-94.04E, h18km, 17km, mb5.3/87, etc. Includes station names, coordinates, and various parameters.

MS4.7/6, Error ellipse: s-maj=6.4km s-min=4.9km az=211.0, HRVD 28 03:31:24.0-0.2, 8.06N-94.20E, h12km, MW5.4/51, Centroid moment Tensor Solution. LP body waves: s40.c62;Mantle waves: s51.c99; Hal duration: 1s2 Moment tensor: Scale 1017Nm; Mr=0.89±.03; Mw=0.15±.03; Mw0.73±.03; Mw0.63±.09; Mw0.71±.03; Mw0.46±.08; Best double couple: M1.326x1017 NP1: Qz244°, Qz54°, Qz45°, NP2: Qz4°, Qz56°, Qz134°. Principal axes: T1.217, P1g1°, Azm123°; N.217, P1g35°, Azm333°; P-1.435, P1g55°, Azm215°. Surface refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 28 03:31:23.9-0.2, 7.96N-0.04, 94.09E, 0.03, h30km, h30km, 2.0km, pp-P, n398, r1903/392, mb5.2/120, MS4.9/33, 35C-19D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like Port Blair, Songkha, Nongplab, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like Vishakhapatnam, Kodaikanal, Shillong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like Qiongzong, QIZ, KMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like DMN, KKN, KAD, LSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like BOM, NDI, ENH, SMLA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like LZH, KURK, MUN, etc.

Table with columns: NJ2, AP, pP, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: SSS, SSS, SSS, etc. Includes station names and various parameters.

Table with columns: STU, comp, STU, MCK, SPAK, PGF, PGF, TNS, BFO, BFO, BFO, BFO, PCP, FELD, FIN, LAN, ORX, ABH, LIBD, ROB, TRAV, WLS, NEGI, CDF, CDF, RUP, ENR, SBF, SBF, RSP, BHB, LSD, HINF, FENE, PZZ, LOMT, LPGA, LPGA, LPGA, LPL, LPL, LPL, RRL, MBDF, MBDF, MBDF, BND, BND, BNI, BNI, HAU, HAU, HAU, HAU, WLF, FRF, FRF, FRF, LMR, LMR, LMR, THEF, CABF, CABF, CABF, ORIF, ORIF, MEZIF, GIVF, BAIF, BAIF, VIVF, VIVF, SMF, SMF, SPDF, PLF, AVF, AGO, HYF, SYO, SYO, TCF, TCF, CAF, CAF, MTLF, MTLF, MTLF, TCF, TCF, MFF, DAG, DAG, DAG, ESK, ESK, ESK, SJP, SJP, SJP, ESCD, IMA, IMA, IMA

Table with columns: MCK, MCKinley, ILAR, ILAR, DAWH, DAWH, SCHO, SCHO, PPT, PPT, MCMT, MCMT, YMR, YMR, YFT, YFT, NVAR, NVAR, NVAR, NVAR, MVU, MVU, MSU, MSU, NEN, NEN, PVIO, PVIO, KSUI, KSUI, ANMO, ANMO, LPM, LPM, GDLZ, GDLZ, TXAR, TXAR, TXAR, TXAR, SJG, SJG, SJG, SJG, TEIG, TEIG, SDV, SDV, LPZ, LPZ, LPZ, LPZ, OTAV, OTAV, IDC 28 03:35:54.2, IDC 28 03:36:47.3, IDC 28 03:36:49.1, IDC 28 03:41:31.1, IDC 28 03:41:31.1, CMAR, CMAR, ZAL, ZAL, STKA, STKA, BRTR, BRTR, IDI, IDI, FINES, FINES, ARCES, ARCES, NOA, NOA, IDC 28 03:41:31.1, CMAR, CMAR, ZAL, ZAL, STKA, STKA, BRTR, BRTR, IDI, IDI, FINES, FINES, ARCES, ARCES, NOA, NOA

Table with columns: FINES, FINES, ARCES, ARCES, GRES, GRES, NB2, NB2, NOA, NOA, TXAR, TXAR, PLCA, PLCA, LPZ, LPZ, IDC 28 03:42:52.2, IDC 28 03:43:53.8, IDC 28 03:45:48.4, IDC 28 03:45:52.0, IDC 28 03:45:51.3, IDC 28 03:45:51.3, CMAR, CMAR, KURK, KURK, ZAL, ZAL, WRA, WRA, WRAB, WRAB, BVAR, BVAR, BRTR, BRTR, BRTR, BRTR, FINES, FINES, NB2, NB2, NOA, NOA, IDC 28 03:45:48.4, IDC 28 03:45:52.0, IDC 28 03:45:51.3, IDC 28 03:45:51.3, CMAR, CMAR, ZAL, ZAL, STKA, STKA, BRTR, BRTR, IDI, IDI, FINES, FINES, ARCES, ARCES, NOA, NOA, IDC 28 03:45:52.9, IDC 28 03:45:52.9, IDC 28 03:45:52.9, IDC 28 03:45:52.9

28d 4h

error at LPZ
ISC 28 04:00:26.8 0.8, 7.9N, 0.1, 1.94 OE, 0.1, h30km, n32,
e1501/30, mb4.4/23, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabab, JIRN Jiri, etc.

ISC 28 04:00:57.9 0.8, 7.66N-93.93E, mb4.3/15, mb1 4.4/16,
mb1mx4.4/22, mbtmp4.3/16, ML4.4/1, Error ellipse:
s-maj=33.8km s-min=18.1km az=47.0

NEIC 28 04:01:02.6 0.7, 7.58N-93.67E, h49km, mb4.9, mb4.7, Ms4.6,
Ms4.4

NEIC 28 04:01:03.1 0.5, 7.77N-94.02E, h30km, mb4.5/10, Error
ellipse: s-maj=13.7km s-min=11.2km az=54.0

ISC 28 04:01:02.5 0.5, 7.84N, 0.09, 94.16E, 0.08, h33km, n47,
e154/42, mb4.4/25, Ms4.6/1.2C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabab, JIRN Jiri, etc.

ISC 28 04:11:11.2 0.9, 7.68N-93.85E, mb3.9/11, mb1 4.1/12,
mb1mx4.0/20, mbtmp3.9/12, ML4.4/1, Error ellipse:
s-maj=39.9km s-min=19.8km az=51.0

ISC 28 04:11:14.8 0.8, 7.94N, 0.1, 1.94 IE, 0.1, h33km, n15,
e122/12, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, etc.

2005 JAN

PLCA Paso Flores 144.52 200 PKP PKPdf 04 20 36.1 +0.2
comp=2.3, 7nm, 0.8s, baz=201, slow=4.2, SNR=8.0

ISC 28 04:03:59.5 0.6, 8.27N-93.86E, mb4.3/18, mb1 4.4/19,
mb1mx4.4/22, mbtmp4.2/19, ML4.0/1, MS4.4/14, Ms1 4.4/14,
ms1mx4.1/29, Error ellipse: s-maj=30.3km s-min=13.5km
az=50.0

BJJ 28 04:04:02.0 0.7, 7.83N-93.70E, h54km, mb5.0, mb4.6, Ms4.8,
Ms4.6

NEIC 28 04:04:03.0 0.4, 8.17N-93.80E, h30km, mb4.8/11, Error
ellipse: s-maj=12.5km s-min=8.7km az=66.0

ISC 28 04:02:07.0 0.4, 8.19N, 0.07, 93.84E, 0.08, h33km, n55,
e083/45, mb4.5/32, MS4.4/1.4, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Koldaia, etc.

ISC 28 04:16:15.1 0.7, 7.95N-94.07E, mb4.4/20, mb1 4.5/21,
mb1mx4.4/25, mbtmp4.3/21, ML4.2/1, Error ellipse:
s-maj=34.7km s-min=16.6km az=44.0

NEIC 28 04:16:19.0 0.3, 8.06N-94.19E, h30km, mb4.6/17, Error
ellipse: s-maj=14.4km s-min=7.8km az=47.0

ISC 28 04:16:19.7 4.0, 8.1N, 0.1, 94.3E, 0.1, h42km, n60,
e065/56, mb4.5/40, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, 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 BVAR Borovoye Array, ASAR Alice Springs, etc.

ISC 28 04:16:15.1 0.7, 7.95N-94.07E, mb4.4/20, mb1 4.5/21,
mb1mx4.4/25, mbtmp4.3/21, ML4.2/1, Error ellipse:
s-maj=34.7km s-min=16.6km az=44.0

NEIC 28 04:16:19.0 0.3, 8.06N-94.19E, h30km, mb4.6/17, Error
ellipse: s-maj=14.4km s-min=7.8km az=47.0

ISC 28 04:16:19.7 4.0, 8.1N, 0.1, 94.3E, 0.1, h42km, n60,
e065/56, mb4.5/40, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, etc.

ISC 28 04:19:53.4 1.0, 7.1, 7.52N-94.04E, mb4.0/8, mb1 4.1/9,
mb1mx3.9/19, mbtmp4.0/9, ML4.0/1, Error ellipse:
s-maj=21.0km s-min=12.1km az=52.0

NEIC 28 04:19:58.1 0.5, 7.56N-94.13E, h30km, mb4.3/2, Error
ellipse: s-maj=18.7km s-min=9.5km az=59.0

ISC 28 04:19:56.1 0.7, 7.6N, 0.1, 94.1E, 0.1, h30km, n14,
e055/14, mb4.0/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabab, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ZAL Zalesovo, WRA Warramunga Arr, etc.

IDC 28 04:23:00.4, 3.7, 7.33N-93.16E, mb4.1/4, mb1 4.1/5, mb1mx3.8/19, mbtmp4.0/5, ML4.2/1, Error ellipse: s-maj=92.3km s-min=56.7km az=139.0, Nicobar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, BRTR Keskin Array B, FINES FINESS Array B, etc.

IDC 28 04:24:27.8, 1.2, 14.43N-144.56E, mb4.0/7, mb1 4.1/7, mb1mx3.9/19, mbtmp4.0/7, Error ellipse: s-maj=59.4km s-min=20.0km az=67.0

NEIC 28 04:24:34.8, 2.0, 14.29N-144.89E, h54km-18km, mb4.7/3, Error ellipse: s-maj=46.3km s-min=16.4km az=85.0

ISC 28 04:23:00.4, 3.7, 7.33N-93.16E, mb4.1/4, mb1 4.1/5, mb1mx3.8/19, mbtmp4.0/5, ML4.2/1, Error ellipse: s-maj=92.3km s-min=56.7km az=139.0, Nicobar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

IDC 28 04:29:27.2, 1.0, 7.27N-93.52E, mb3.9/10, mb1 4.1/11, mb1mx3.9/19, mbtmp3.9/11, ML4.3/1, Error ellipse: s-maj=43.8km s-min=20.8km az=53.0

NEIC 28 04:29:32.0, 0.7, 7.37N-93.63E, h30km, mb4.3/3, Error ellipse: s-maj=24.7km s-min=13.8km az=61.0

ISC 28 04:29:30.9, 5.7, 4.10N-1.93E, 0.1, h30km-30km, n18, r195/15, mb4.0/13, Nicobar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, SONM Songino Array, etc.

NEIC 28 04:33:10.0, 17.41N-101.74W, h23km, MD3.7(MEX), After MEX

MEX 28 04:33:10.2, 0.7, 17.41N-101.72W, h13km-15km, MD3.7, 1D, Near coast of Guerrero

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, ACX Acapulco, etc.

IDC 28 04:34:25.9, 0.7, 7.46N-93.84E, mb4.2/20, mb1 4.4/21, mb1mx4.4/24, mbtmp4.2/21, ML4.5/1, Error ellipse: s-maj=32.6km s-min=16.4km az=52.0

MOS 28 04:34:30.7, 1.9, 7.70N-93.96E, h33km, mb5.0/12, Error ellipse: s-maj=13.7km s-min=7.0km az=107.0

BUI 28 04:34:30.9, 7.77N-93.02E, h30km, mb4.6, Ms4.9, Ms2.5

NEIC 28 04:34:30.8, 0.4, 7.52N-94.00E, h30km, mb4.7/11, Error ellipse: s-maj=13.8km s-min=9.0km az=54.0

ISC 28 04:34:27.3, 3.7, 7.58N-93.96E, 0.08, h22km-22km, n96, r128/82, mb4.5/37, MS4.6/2, 1C-4D, Nicobar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NNT Nongplab, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NANT Nan, CHRT Changrai, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VIS Imphal, IMP Hyderabad, HYB Hyderabad, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BLSPL Bilaspur, KMI Kunming, KMI Kunming, etc.

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, LSA Lhasa, BHPH Bhopal, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KOLN Koldanda, DDI Dehra Dun, LZH Lanzhou, etc.

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

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

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, MKAR Makanchi Arr, SONM Songino Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZAK Zakamensk, KURK Kurchatov, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), ZAL Zalesovo, HIA Hailar, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HIA Hailar, HIA Hailar, NVA Novosibirsk, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, BVAO Borovoye Array, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKASO Malin Arr, IDI Anoyia, MLR Muntele Ros, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KAF Kangasniemi, KAF Kangasniemi, VYHS Vyhne, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

28d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JOF Joensuu, SUW Suwalki, FINES FINESS Array B, etc.

IDC 28 04:38:02.6, 0.8, 7.75N, 93.81E, mb4.2/1.0, mb1 4.3/1.5, mb1mx4.2/2.1, mbtmp4.2/1.5, ML4.3/1.4, Error ellipse: s-maj=36.3km s-min=17.3km az=55.0. Putative timing error at LPAZ

NEIC 28 04:38:05.8, 7.41N, 93.74E, h39km, mb4.8, mb4.8 Error ellipse: s-maj=12.7km s-min=9.1km az=70.0

IDC 28 04:38:03.8, 0.6, 7.72N, 0.08N, 93.90E, 0.09, h19km, h12.1, 1.6km, ePP-P, N45, r1508.42, mb4.6/3.1, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, INK Inuvik, etc.

7052 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CLL Collm, CLM Collm, NB2 NORSAR Subarra, etc.

IDC 28 04:40:18.2, 1.1, 7.66N, 93.78E, mb4.0/7, mb1 4.2/8, mb1mx4.0/18, mbtmp4.0/8, Error ellipse: s-maj=50.9km s-min=27.1km az=48.0

NEIC 28 04:40:23.0, 0.0, 6.7, 6.9N, 93.78E, h30km, mb4.5/3, Error ellipse: s-maj=22.2km s-min=13.5km az=66.0

ISC 28 04:41:17.0, 0.9, 1.1, 9.93E, 0.2, h10km, n15, r0584/11, mb4.2/1.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, KURK Kurchatov, etc.

BUI 28 04:43:42.4, 8.20N, 93.80E, h30km, mb5.2, mb4.7 Error ellipse: s-maj=16.6km s-min=12.3km az=71.0

IDC 28 04:43:44.0, 5.8, 1.9N, 93.78E, h30km, mb4.6/4, Error ellipse: s-maj=16.6km s-min=12.3km az=71.0

IDC 28 04:43:44.7, 5.5, 8.26N, 93.82E, h46km, 50km, mb4.0/8, mb1 4.2/9, mb1mx3.9/19, mbtmp4.2/9, ML4.4/1, Error ellipse: s-maj=37.5km s-min=24.8km az=56.0

ISC 28 04:43:41.0, 0.8, 8.20N, 0.1, 93.8E, 0.1, h33km, n21, r0584/11, mb4.5/1.2, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, NJ2 Nanjing, etc.

BUI 28 04:46:10.7, 7.76N, 93.83E, h55km, mb5.0, mb4.7, Ms4.8, Ms2.4

NEIC 28 04:46:10.9, 0.4, 8.10N, 94.11E, h30km, mb4.6/9, Error ellipse: s-maj=16.0km s-min=9.9km az=54.0

IDC 28 04:46:11.8, 5.3, 8.04N, 93.88E, h42km, 46km, mb4.0/16, mb1 4.2/17, mb1mx4.1/21, mbtmp4.2/17, ML4.2/1, MS3.9/1, Ms1 4.1/1, ms1mx2.9/24, Error ellipse: s-maj=40.9km s-min=13.9km az=58.0, Putative timing error at LPAZ

ISC 28 04:46:11.9, 0.5, 8.06N, 0.06, 94.06E, 0.07, h55km, n51, r1507.46, mb4.6/3.0, 1C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, CHG Chiang Mai, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LZH Lanzhou, NJ2 Nanjing, WMJ Urumqi, etc.

IDC 28 04:52:07.6, 1.3, 8.08N, 93.72E, mb3.9/6, mb1 4.1/7, mb1mx3.9/18, mbtmp3.9/7, Error ellipse: s-maj=48.8km s-min=22.6km az=63.0

NEIC 28 04:52:12.4, 0.7, 8.09N, 93.81E, h30km, mb4.4/3, Error ellipse: s-maj=21.7km s-min=10.93km az=69.0

ISC 28 04:52:11.1, 1.1, 0.8, 1N, 0.1, 93.9E, 0.2, h33km, n12, r0573/11, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HOJA Cerro de Hojas, JAMA JAMA, JAMA JAMA, etc.

IDC 28 04:52:07.6, 1.3, 8.08N, 93.72E, mb3.9/6, mb1 4.1/7, mb1mx3.9/18, mbtmp3.9/7, Error ellipse: s-maj=48.8km s-min=22.6km az=63.0

NEIC 28 04:52:12.4, 0.7, 8.09N, 93.81E, h30km, mb4.4/3, Error ellipse: s-maj=21.7km s-min=10.93km az=69.0

ISC 28 04:52:11.1, 1.1, 0.8, 1N, 0.1, 93.9E, 0.2, h33km, n12, r0573/11, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

IDC 28 04:56:39.5, 3.0, 7.71N, 93.61E, mb4.0/4, mb1 4.1/5, mb1mx3.8/18, mbtmp3.9/5, ML4.2/1, Error ellipse: s-maj=80.9km s-min=43.4km az=137.0

NEIC 28 04:56:43.8, 1.4, 7.81N, 93.80E, h30km, mb4.4/2, Error ellipse: s-maj=4.1km s-min=24.3km az=114.0

ISC 28 04:56:45.8, 3.5, 8.2M, 0.4, 93.7E, 0.4, h33km, n10, r1503/8, 1C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like BRTR Keskin Array B, MBAR Mbarara, MBOS Mbarara, MOS Moscow, OBN Obninsk, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like GRF Grafenberg Arr, GRF Grafenberg Arr, GRF Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like BVAR Borovoye Array, BRTR Keskin Array B, AKAS Malin Array B, etc.

IDC 28 05:14:20.0, 0.8, 8.02N-93.93E, mb3.9/10, mb1 4.2/11, mb1mx4.1/18, mbtmp3.9/11, ML4.4/1, Error ellipse: s-maj=39.1km s-min=18.9km az=51.0

NEIC 28 05:14:24.7, 0.8, 8.01N-94.01E, h30km, mb4.4/2, Error ellipse: s-maj=25.1km s-min=15.6km az=68.0

ISC 28 05:14:19.5, 0.8, 7.9N, 0.1, 94.1E, 0.2, h10km, m24, 1948/22, mb4.2/17, Nicobar Islands region

IDC 28 05:20:08.6, 0.6, 8.05N-94.12E, mb4.2/16, mb1 4.3/17, mb1mx4.3/21, mbtmp4.2/17, ML4.7/1, MS3.7/1, Ms1 3.9/1, ms1mx2.8/29, Error ellipse: s-maj=26.2km s-min=16.0km az=59.0

NEIC 28 05:20:13.9, 0.5, 8.15N-94.35E, h30km, mb4.7/18, Error ellipse: s-maj=15.0km s-min=11.2km az=72.0

BUI 28 05:20:15.5, 8.25N, 93.55E, h35km, mb5.3, mb4.6, Ms4.8, Ms2.6

ISC 28 05:20:12.4, 0.5, 8.10N, 0.0, 94.32E, 0.09, h33km, m60, 1512/54, mb4.6/36, MS4.7/1, 3C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

28d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Palk, LSA, BJT, SONM, etc.

IDC 28 05:24:00.0, 3.0, 7.79N-93.87E, mb4.1/4, mbl 4.3/4, mb1mx3.9/17, mblmp4.1/4, Error ellipse: s-maj=164.4km s-min=76.7km az=57.0, Nicobar Islands region

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

JMA 28 05:25:22.7, 0.4, 43.95N x 148.00E, M3.5, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2, JRA, etc.

IDC 28 05:31:50.3, 0.7, 7.81N-93.97E, mb4.3/16, mb1 4.4/17, mb1mx4.4/21, mblmp4.3/17, M4.5/1, Error ellipse: s-maj=33.0km s-min=16.0km az=49.0

NEIC 28 05:31:55.2, 0.3, 7.84N-94.04E, h30km, mb4.5/9, Error ellipse: s-maj=15.4km s-min=7.6km az=58.0

ISC 28 05:31:54.1, 0.5, 7.77N-94.00E, 1.1, h33km, n43, h23km, 5.2km, pp-P, n76, h0589/69, mb4.7/39, MS4.7/1, 2C-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, PKI, DMN, KKN, LSA, GKN, KOLN, SONM, etc.

IDC 28 05:32:46.2, 0.9, 7.73N-93.83E, mb4.3/14, mb1 4.4/15, mb1mx4.3/21, mblmp4.2/15, M4.1/1, Error ellipse: s-maj=35.1km s-min=20.7km az=50.0

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NEIC 28 05:32:51.1, 0.4, 7.82N-94.06E, h30km, mb4.7/10, Error ellipse: s-maj=13.9km s-min=9.4km az=53.0

BUI 28 05:32:52.1, 7.78N-93.65E, h36km, mb5.3, mb4.7, Ms4.8, Ms2.4

ISC 28 05:32:48.6, 0.6, 7.5N-10.1, 93.7E-0.1, h30km, n38, h111/33, mb4.5/24, 1C-1D, Nicobar Islands region

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

BUI 28 05:35:50.2, 7.34N-93.78E, h30km, mb5.0, mb4.9, Ms4.7, Ms2.4

IDC 28 05:35:52.1, 0.7, 7.87N-94.00E, mb4.5/16, mb1 4.7/17, mb1mx4.6/21, mblmp4.5/17, Error ellipse: s-maj=32.0km s-min=16.0km az=48.0

NEIC 28 05:35:57.0, 0.4, 8.06N-94.11E, h30km, mb4.7/21, Error ellipse: s-maj=12.6km s-min=10.4km az=225.0

ISC 28 05:35:57.9, 2.8, 8.1N-10.1, 94.25E-0.08, h48km, 22km, h23km, 5.2km, pp-P, n76, h0589/69, mb4.7/39, MS4.7/1, 2C-1D, Nicobar Islands region

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YAK, BRTR, MA2, AKASG, etc.

IDC 28 05:38:20.8, 0.5, 7.90N-94.02E, mb4.6/22, mb1 4.7/23, mb1mx4.7/26, mblmp4.6/23, M4.1/1, MS4.4/8, Ms1 4.4/8, ms1mx3.9/26, Error ellipse: s-maj=24.6km s-min=11.6km az=46.0

MOS 28 05:38:24.2, 1.2, 7.84N-94.02E, h33km, mb5.1/34, Error ellipse: s-maj=11.1km s-min=6.2km az=107.8

BUI 28 05:38:24.4, 4.77N-93.82E, h54km, mb5.2, mb4.8, Ms4.9, Ms2.5

HRVD 28 05:38:25.3, 0.4, 7.82N-94.20E, h17km, 2km, MW5.1/56, Centroid moment Tensor Solution, Lp, Lp, Lp, M, M, M, s13, c18, Mantle waves: s56c81; Hal duration: 0 Moment tensor: Scale 10^16Nm; Mr: 1.68s; 20; Mw: 4.83; 26; Mw: 2.17; 68; Mw: 1.94; 19; Mr: 2.39; 72; Best double couple: Me: 5.503x10^16 NP1: 149; 850; l-168; NP2: 51; 81; l-41; Principal axes: T: 6.303, Plg20; Azm106; N-1.589, Plg48; Azm220; P-4.704, Plg35; Azm22; n1a2 refers to surface waves, cutoff=40s.

NEIC 28 05:38:25.3, 0.2, 7.82N-94.02E, h30km, mb5.1/34, M3.4/31, Error ellipse: s-maj=8.2km s-min=5.9km az=51.0

ISC 28 05:38:24.9, 1.9, 7.83N-10.06E, 94.10E, 0.06, h40km, 16km, h17km, 5.4km, pp-P, n153, h103/145, mb4.8/54, MS4.5/11, 2C-2D, Nicobar Islands region

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

Table with columns: Station Name, Frequency, Band, Power, SNR, and other technical details. Includes stations like KMBO Kilima Mbogo, ASF Jabal al Asfar, MALT Malatya, etc.

Table with columns: Station Name, Frequency, Band, Power, SNR, and other technical details. Includes stations like NOA NORSAR Array B, CLZ Clausthal, TNS Taurus Mts, etc.

Table with columns: Station Name, Frequency, Band, Power, SNR, and other technical details. Includes stations like CRVS Niedzica, OJC Ojcow, VYHS Vyhne, etc.

28d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NDI, ENH, SMLA, SMLA, XAN, LANZH, etc.

2005 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CHKZ, CHKZ, ASPA, ASPA, ASAR, FORT, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like APA, KWP, KWP, KWP, KOLS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Sonseca Array, Indian Mountain, etc.

IDC 28 06:07:29.4, 5.26, 96S5-115.17W, mb3.9/6, mb1 4.3/6, mb1mx4.1/15, mbtmp3.9/6, Error ellipse: s-maj=176.7km s-min=29.4km az=59.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pasa Flores, Minia Array, Pinedale Array, etc.

BUJ 28 06:07:33.6, 39.32N, 123.87E, h10km, ML3.6, Northeastern China

PRE 28 06:09:14.5, 1.5, 26.96Sx26.78E, h2km, ML3.5, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Parys, Senekal, Silverton, Boshof, etc.

IDC 28 06:10:24.7, 0.4, 8.03N-94.20E, mb5.0/32, mb1 5.1/33, mb1mx5.1/33, mbtmp5.0/33, ML5.1/1, MS5.3/1, Ms1 5.3/1, ms1mx3.7/19, Error ellipse: s-maj=19.9km s-min=9.8km az=49.0

HRVD 28 06:10:27.2, 0.3, 7.85N-94.17E, h12km, MW5.5/7, Centroid moment Tensor Solution. LP body waves: s42,c65; Mantle waves: s57,c111; Half duration: 1f5 Moment tensor: Scale 10^17Nm; Mr=0.53z0.7; Mw=1.71z0.6; Mw2.24z0.7; Mw0.84z1.9; Mw0.47z0.7; Mw0.65z2.0; Best double couple: Mo2.32z10^17 NP1: 0s143z, 060z, 1-171z. NP2: 0s49z, 082z, 1-30z. Principal axes: T2.489, Plg15z, Azm99z; N-334, Plg59z, Azm215z; P-2.151, Plg27z, Azm2z; nsta2 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 28 06:10:27.2, 0.1, 7.90N-93.99E, mb5.5/19, MS5.2/11 Error ellipse: s-maj=8.1km s-min=3.5km az=225.0 MOS 28 06:10:28.1, 0.9, 7.93N-94.03E, h33km, mb5.7/93, MS5.3/16, Error ellipse: s-maj=8.1km s-min=4.2km az=118.4

CSEM 28 06:10:38.8, 8.81N-92.32E, h33km, mb5.6 ISC 28 06:10:25.4, 0.2, 7.88N-0.03, 94.06E-0.03, h15km, h15kmz1.0km; p-P, n468, s1906/442, mb5.3/160, MS5.4/26, 27C-19D, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Pallekele, Vishakhapatnam, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bhubaneswar, Calcutta, Kodaikanal, Shillong, Hyderabad, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Wadi Bani Khal, Jabal Madar, Baijiatuau, etc.

Table of astronomical observations for 2005 JAN, columns 1-4. Includes stations like BOL5, APA, KAF, etc. and objects like Boljevac, Apatity, Kangasniemi, etc.

Table of astronomical observations for 2005 JAN, columns 5-8. Includes stations like NOA, NOA, NOA, etc. and objects like NORSAR Array B, NORSAR Array B, etc.

Table of astronomical observations for 2005 JAN, columns 9-12. Includes stations like YKA, YKA, YKA, etc. and objects like Yellowknife Arr, Yellowknife Arr, etc.

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

NEIC 28 06:46:11.4, 0.7, 8.09N, 94.02E, h30km, mb4.1/2, Error ellipse: s-maj=19.7km s-min=13.8km az=77.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, etc.

BUJ 28 06:47:03.9, 8.00N, 93.80E, h30km, mb4.7 Error ellipse: s-maj=22.6km s-min=11.2km az=54.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, BRTR Keskin Array B, etc.

BUJ 28 06:48:05.7, 8.20N, 93.80E, h30km, mb4.3 Error ellipse: s-maj=13.3km s-min=8.5km az=68.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kuming, etc.

NEIC 28 06:49:52.0, 0.7, 8.05N, 94.29E, mb4.0/1, mb1 4.2/12, mb1 mx4.1/18, mbtmp4.0/12, ML4.2/1, Error ellipse: s-maj=32.6km s-min=17.2km az=49.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, PLCA Paso Flores, etc.

IDC 28 06:50:34.8, 1.4, 7.56N, 93.88E, mb4.1/6, mb1 4.3/6, mb1 mx4.0/17, mbtmp4.1/6, Error ellipse: s-maj=66.5km s-min=22.6km az=53.0

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

NEIC 28 06:56:20.0, 0.4, 7.86N, 94.07E, mb4.4/3, Error ellipse: s-maj=13.0km s-min=8.3km az=60.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, etc.

CASC 28 07:00:53.5, 1.4, 13.68N, 91.5W, h15km, 10km, MD3.5, ML7.3, 4C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Igualata, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like WRAB Tarrant Creek, BVAR Borovoye Array, BRVK Borovoye, ASAR Alice Springs, etc.

IDC 28 07:48:08.8.1.1, 8.09N,94.04E, mb3.9/7, mb1 4.1/8, mb1mx3.8/19, mbtmp3.9/8, Error ellipse: s-maj=46.7km s-min=24.8km az=52.0

NEIC 28 07:48:13.6.0.7.8, 14N,94.04E, h30km, mb4.2, Error ellipse: s-maj=23.7km s-min=16.2km az=76.0

ISC 28 07:48:08.4.1.1, 8.1N,101.94E, h10km, n16, 0882/11, mb4.0/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, KURK Kurchatov, etc.

IDC 28 07:49:12.7.0.4, 7.93N,94.08E, mb4.9/25, mb1 5.0/26, mb1mx4.9/28, mbtmp4.9/26, M5.0/1, MS5.1/20, ms1mx4.9/27, Error ellipse: s-maj=19.6km s-min=10.4km az=47.0

MOS 28 07:49:16.6.1.0, 7.96N,94.14E, h33km, mb5.5/79, MS5.2/30, Error ellipse: s-maj=8.5km s-min=4.5km az=119.1

BUI 28 07:49:16.6.7, 7.75N,93.69E, h49km, mb5.7, mb5.0, Ms5.7, Msz5.4

HRVD 28 07:49:17.9.0.2, 7.82N,94.23E, h16km, MW5.6/63, Centroid moment Tensor Solution. LP body waves: s44,c78; Mantle waves: s63,c133; Half duration: 1.5s

Moment tensor: Scale 1017Nm; Mrr=0.73e05; Mtt=1.93e04; Mss=2.71e05; Mtr=0.1e14; Mtr=0.50e04; Mtr=0.70e15; Best double couple: M2.745e107 NPI1; phi=143, delta=168, NP2=47, delta=30; Principal axes: T2.946, Plg13; Azm98; N-388, Plg58; Azm210; P-2.544, Plg29; Azm1; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 07:49:17.9.0.2, 7.97N,94.13E, h30km, mb5.3/88, MS5.1/7 Error ellipse: s-maj=6.2km s-min=4.7km az=222.0

ISC 28 07:49:15.6.0.2, 7.91N,100.03E, h26km, h26km,2.6km; pP-P, n402, s1921/395, mb5.2/120, MS5.2/54, 22C-15D, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like PBA Port Blair, NNT Nongplab, CMAR Chiang Mai Arr, etc.

Main table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like HYB Bilaspur, QIZ Qiongzong, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like WMQ comp=N,3um,17.8s,MS5.1, JOW Kunigami, BJT Bajitatu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOTA, MOTA Moosalm, NSS Namsos, NB2 NORRAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, ESDC Sonseca Array, VVND Vanda, RSO Redoubt South, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like coast of Ecuador, IGQ 28 07:56:18.7, etc.

28d 8h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LSA Lhasa, GKN Gorkha, BHPH Bhopal, etc.

BJI 28 08:07:08.7, 13.19N:92.89E, h30km, mB5.1, mb4.5, Ms4.7, Ms2.7

IDC 28 08:07:11.0-0.6, 13.77N:93.05E, mb4.2/17, mb1 4.3/18, mb1mx4.3/23, mbmp4.2/18, ML4.5/1, MS4.0/1, Ms1 4.2/1, ms1mx3.0/30, Error ellipse: s-maj=28.0km s-min=13.6km az=54.0

NEIC 28 08:07:15.6-0.3, 13.78N:93.13E, h30km, mb4.5/7, Error ellipse: s-maj=8.8km s-min=6.1km az=59.0

ISC 28 08:07:14.1-1.9, 13.76N:0.08, 93.09E, 0.07, h34km, 16km, n45, e130/45, mb4.3/24, MS4.6/1, 2C, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NST Nakhon Sawan, CMAR Chiang Mai Arr, etc.

2005 JAN

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GERES GRESS Array B, HFS Hagfors, etc.

Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JHHJ Haha-jima-NKT, CBIJ Chichi jima, etc.

IGQ 28 08:16:57.1, 1.52S:81.18W, h2km, g8km, mb4.1, 1C, Error ellipse: s-maj=19.4km s-min=5.5km az=174.3, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NVAR, KAF Kongsniemi, KAG Kangasniemi, etc.

IDC 28 08:17:30.4-0.7, 8.28N:94.32E, mb4.1/17, mb1 4.2/18, mb1mx4.2/24, mbmp4.1/18, ML4.2/1, Error ellipse: s-maj=30.6km s-min=16.3km az=53.0

NEIC 28 08:17:35.0-0.5, 8.31N:94.47E, h30km, mb4.6/11, Error ellipse: s-maj=14.8km s-min=10.2km az=54.0

BJI 28 08:17:38.8, 8.21N:94.09E, h38km, mb4.5

ISC 28 08:17:31.9-5.1, 8.31N:0.10, 94.5E, 0.11, h23km, 36km, n44, e150/36, mb4.3/26, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, etc.

Table with columns: VIVF, SMF, SSF, LASF, AVF, BGF, CAF, MTLF, RPF, RPZ, LFF, LDF, MFF, DAG, ETSF, URZ, ESCD, SPU, COLA, MCK, ILAR, ILAR, SML, INK, INK, DBIC, DBIC, YKA, YKA, YKA, YKA, BOZ, LAO, LKWN, SNOW, NVAR, NVAR, PDAR, SADO, MSU, NEN, PV10, LAZ, LKWN, CPXK, GD2L, MIAR, LTX, TXAR, TXAR, TXAR, JCT, BAO, PLCA. Each row contains station name, frequency, and other technical details.

Table with columns: PLCA, PLCA, SJO, SDV, LVC, LVC, LPZ, LPZ, ROSC, OTAV. Each row contains station name, frequency, and other technical details.

NEIC 28 08:21:46.0, 0.8, 4.21N-78.28W, h36km, 7km, mb4.8/4.9, Error ellipse: s-maj=6.6km s-min=4.5km az=53.0, IDC 28 08:21:47.8, 2.7, 4.31N-78.18W, h45km, 24km, mb4.4/2.1, m1 4.6/2.4, m2 11mx4.5/2.0, mbtmp/4.24, ML3.9/1, MS3.7/3, ms 3.7/3, ms1mx3.1/2.5, Error ellipse: s-maj=19.7km s-min=14.7km mb=2.0, Putative timing error at LPAZ

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC. Each row contains station name, frequency, and other technical details.

Table with columns: SCHQ, SCHQ, WVOR, NEW, FCC, EDM, EDM, YKA, YKA, DBIC, INK, INK, DAW, ESCD, MENT, THY, ROSF, QUIF, SML, ILAR, PMR, SGMM, SLKM, COLA, SJPF, MCK, GRR, SPU, RSO, RFO, FLN, EPF, LDF, LFF, RJF, MTLF, MTLF, DAVOX, NOA, NOA, HFS, CLL, CLL, CLL, KHC, GERES, MORC, ARCES, FINES, QSPA, SONM, ASAR, WRB, WRB, WRA, ENH. Each row contains station name, frequency, and other technical details.

IDC 28 08:22:36.7, 5.1, 5.89S-151.78E, h43km, 45km, mb4.2/1.0, m1 4.4/1.2, m2 11mx4.4/1.5, mbtmp/4.4/1.2, ML3.6/2, Error ellipse: s-maj=37.6km s-min=21.7km az=100.0, NEIC 28 08:22:38.6, 2.5, 5.90S-151.62E, h50km, 21km, mb4.6/6.6, Error ellipse: s-maj=22.2km s-min=14.0km az=112.0, ISC 28 08:22:36.6, 3.7, 5.95S-151.75E-0.1, 151.7E-0.2, h56km, 31km, n24, s103/24, mb4.5/1.3, 1C-1D, New Britain region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, m, s, ISC. Each row contains station name, frequency, and other technical details.

28d 8h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, GOA, Goa, 21.22 293, eP, P, 08 34 44.0 +13, 08 34 58.9

2005 JAN

Table with columns: GOA, Goa, 21.22 293, eP, P, 08 34 44.0 +13, 08 34 58.9

1070

Table with columns: MUN, Munding, 44.89 153, eP, P, 08 38 01.5 +1.9, 08 34 58.9

IDC 28 08:28:14.2±0.8, 8.00N-94.01E, mb4.0/14, mb1 4.1/14, mb1mx4.1/22, mbtmp4.0/14, Error ellipse: s-maj=39.8km s-min=19.0km az=56.0

NEIC 28 08:28:19.1±0.6, 8.07N-94.23E, h30km, mb4.3/2, Error ellipse: s-maj=23.6km s-min=13.5km az=66.0

ISC 28 08:28:17.6±0.7, 8.0N±0.1, 94.2E±0.2, h33km, n19, r=103/17, mb4.0/16, Nicobar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, LSA, Lhasa, 21.73 353, eP, P, 08 33 09.2 +1.2

Table with columns: TBP, LZH, Lanzhou, 29.50 84, eP, P, 08 35 48.4 -1.3, 08 35 00.0 +0.5

Table with columns: MDJ, Mudanjiang, 47.87 34, P, P, 08 38 23.0 0.0, 08 39 50.0 -1.1

BJJ 28 08:29:44.4, 7.44N-93.81E, h44km, mb5.6, mb5.0, Ms5.3, Ms2.0

HRVD 28 08:29:45.6±0.4, 7.82N-94.27E, h18km±2km, MW5.3/5.4, Centroid moment Tensor Solution. LP body waves:

s15c17; Mantle waves: s54, c97; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mw-0.41±0.06;

Mw-0.59±0.03; Mw-0.99±0.05; Mw-0.43±0.11; Mw-0.24±0.03;

Mw-0.54±0.12; Best double couple: Mo1, 103/1017 NP1; Mo147, 044, 1-161°; NP2, 943, 877, 1-48°; Principal axes: T 1.25, P1g20, Azm102; N-295, P1g41, Azm211; P-955, P1g42, Azm353; nsta1 refers to body waves, cutoff=50s.

NEIC 28 08:29:45.6±0.1, 7.86N-93.96E, mb5.2/75 Error ellipse: s-maj=5.1km s-min=4.1km az=224.0

MOS 28 08:29:46.6±0.8, 7.92N-93.98E, h33km, mb5.4/73, MS4.7/4, Error ellipse: s-maj=8.8km s-min=4.9km az=118.1

IDC 28 08:29:46.6±0.4, 8.03N-94.17E, h20km±28km, mb4.7/30, mb1 4.8/31, mb1mx4.8/31, mbtmp4.8/31, ML4.9/1, MS4.7/4, MS1 4.7/4, ms1mx3.8/30, Error ellipse: s-maj=19.7km s-min=10.0km az=49.0, Putative timing error at LPAZ

ISC 28 08:29:44.0±0.2, 7.84N±0.05, 94.07E±0.03, h18km, n19, r=118/11, 44km±p, n318, r=089/305, mb5.1/105, MS4.8/13, 3C-8D, Nicobar Islands region

Table with columns: WMQ, Wuhan, 29.50 37, eP, P, 08 35 50.5 +0.8, 08 36 30.8 -0.8

Table with columns: WRA, Warrungarra Arr, 48.30 125, P, P, 08 38 26.0 -0.6, 08 39 55.0 +1.2

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, PBA, Port Blair, 4.01 341, eP, P, 08 30 51.5 +5.4

Table with columns: MBWA, Marble Bar, 38.28 139, eP, P, 08 37 05.6 +0.1, 08 37 07.0 +1.2

Table with columns: GNI, Garni, 54.41 314, P, P, 08 39 12.6 +0.1, 08 39 11.8 -0.7

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NORSAR Subarra, NORSAR Array B, NOA, CLZ, SUR, DAVO, etc.

IDC 28 08:52:33.0±0.8, 8.17N-94.38E, mb4.0/10, mb1 4.1/10, mb1mx4.0/20, mbtmp4.0/10, Error ellipse: s-maj=37.3km s-min=19.8km az=42.0

NEIC 28 08:52:37.0±0.4, 8.12N-94.34E, h30km, mb4.3/4, Error ellipse: s-maj=18.9km s-min=11.3km az=47.0

ISC 28 08:52:32.7±0.6, 8.2N, 0.1, 94.4E, 0.1, h10km, n18, <087/14, mb4.0/13, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM, KURK, WRA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG, MALIN, ANOPIA, etc.

IDC 28 08:55:10.0±2.2, 7.68N-94.09E, mb4.1/10, mb1 4.2/11, mb1mx4.0/21, mbtmp4.1/11, ML3.9/1, Error ellipse: s-maj=58.8km s-min=40.2km az=130.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, etc.

NEIC 28 08:56:51.8±0.5, 8.21N-93.95E, h30km, mb4.3/2, Error ellipse: s-maj=16.4km s-min=11.8km az=54.0

IDC 28 08:56:58.5±0.8, 8.40N-94.12E, h87km-45km, mb3.7/15, mb1 3.8/16, mb1mx3.8/23, mbtmp4.0/16, Error ellipse: s-maj=30.5km s-min=17.8km az=49.0

ISC 28 08:56:50.0±0.6, 8.3N, 0.1, 94.0E, 0.1, h30km, n21, <084/19, mb4.0/17, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, SONM, KURK, etc.

IDC 28 09:02:08.1±6.8, 11.44N-92.99E, h77km-56km, mb3.6/9, mb1 3.7/10, mb1mx3.5/21, mbtmp3.8/10, ML4.2/1, Error ellipse: s-maj=57.1km s-min=18.7km az=56.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, etc.

NEIC 28 09:03:04.3±0.5, 7.83N-93.73E, h30km, mb4.2/4, Error ellipse: s-maj=17.0km s-min=10.8km az=69.0

IDC 28 09:02:12.0±5.2, 8.17N-94.16E, h93km-47km, mb3.6/13, mb1 3.8/14, mb1mx3.7/21, mbtmp4.0/14, Error ellipse: s-maj=31.1km s-min=16.6km az=52.0

ISC 28 09:03:02.6±0.8, 7.9N, 0.1, 93.9E, 0.1, h30km, n25, <095/23, mb4.0/17, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, HYB, LSA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHKZ, ASAR, KMBO, etc.

JMA 28 09:03:11.1±0.2, 24.12N-122.61E, h54km-4km, TAP 28 09:03:11.4, 23.97N-122.57E, h25km-1km, ML2.9, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ, YOI, IRIF, etc.

IDC 28 09:04:02.5±5.8, 6.87N-93.87E, h113km-50km, mb3.6/12, mb1 3.8/13, mb1mx3.7/21, mbtmp3.9/13, Error ellipse: s-maj=28.8km s-min=15.7km az=54.0

ISC 28 09:03:51.5±0.7, 8.6N, 0.2, 93.8E, 0.2, h33km, n15, <081/13, mb3.9/12, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, etc.

IDC 28 09:03:59.3±6.8, 17N-94.24E, mb4.4/19, mb1 4.4/20, mb1mx4.4/26, mbtmp4.3/20, ML3.7/1, Error ellipse: s-maj=26.1km s-min=14.2km az=48.0

NEIC 28 09:04:03.5±0.3, 8.03N-94.24E, h30km, mb4.6/8, Error ellipse: s-maj=11.9km s-min=7.7km az=61.0

BJI 28 09:04:05.2, 8.35N, 93.52E, h23km, mb4.6 Error ellipse: s-maj=28.7km s-min=10.8km az=28.0

ISC 28 09:03:58.7±0.5, 8.10N-108.9428E, 0.9, h10km, n36, <088/31, mb4.5/25, 12, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, HYB, LSA, etc.

PLCA Paso Flores 144.80 200 PKP PKPdf 09 23 37.4 -1.9
2.4nm,0.8s,baz=149,slow=1.8,SNR=5.0
PLCA Paso Flores 144.80 200 PKP PKPdf 09 23 37.4 -1.9

IGQ 28 09:10:16.9, 1.01S, 81.38W, h12km, 1.6km, mb4.1, 2C-4D,
Error ellipse: s-maj=12.8km s-min=9.8km az=150.1, Off
coast of Ecuador.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Rows include HOJA Cerro de Hojas, IGUA Igualata, TERR Terraza Guagua, PINO Pino, NASI Nasa, JUIV Juive, YANA Yana, ARRY Arroyo, PISA Pisayambo, YC1 Cotopaxi, TAMB Tambo, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

BUI 28 09:12:16.6, 0.52S, 126.34E, h42km, mb5.6, mb4.8, Ms5.0, Ms4.7
IDC 28 09:12:18.3, 0.6, 0.36N, 126.14E, mb4.6/14, mb1.4/7/14,
mb1mx4.6/19, mbtmp4.6/14, Error ellipse: s-maj=40.5km
s-min=12.0km az=76.0

NEIC 28 09:12:19.8, 0.3, 0.32N, 126.20E, h10km, mb4.7/13, Error
ellipse: s-maj=17.8km s-min=4.9km az=76.0
ISC 28 09:12:21.5, 0.4, 0.27N, 126.06E, 126.2E, 0.2, h33km, n40,
0.86S/36, mb4.7/2, 1C-2D, Northern Molucca Sea

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Rows include KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, ASAR ASAR, ASPA Alice Springs, JOW Kunigami, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, KS15 Wonju Array Si, MAT Matsushiro, MAT Matsushiro, BHT Baijiatou, BJT Baijiatou, BNY Beijing, SNI Shenyang, MDJ Mudanjiang, MDJ Mudanjiang, MDJ Mudanjiang, ASAJ Asahikawa, ULN Ulanbaatar, SONM Songino Array, MA2 Magadan, ZAL Zalesovo, CHKZ Chkalovo, VVDA Vanda, MAW Mawson, ARCES ARCES Array B, INK Inuvik, FINES FINES Array B, YKA Yellowknife Arr, SCHQ Schefferville, TXAR Lajitas Array, SADO Sadova, DBIC Dimbokro.

IDC 28 09:14:42.1, 0.4, 8.18N, 94.07E, mb4.5/26, mb1.4/6/27,
mb1mx4.6/28, mbtmp4.5/27, ML4.4/1, MS4.5/5, Ms1.4/6/5,
ms1mx4.0/24, Error ellipse: s-maj=22.9km s-min=11.0km
az=49.0

MOS 28 09:14:45.1, 1.2, 8.14N, 94.04E, h33km, mb4.9/39,
MS4.6/4, Error ellipse: s-maj=11.7km s-min=6.5km
az=110.5

BUI 28 09:14:45.6, 7.67N, 93.92E, h57km, mb5.0, mb4.6, Ms5.1, Ms4.8

HRVD 28 09:14:46.2, 0.4, 8.00N, 94.21E, h22km, 2km, MW5.2/43,
Centroid moment Tensor Solution. LP body waves:
s16,c26; Mantle waves: s43,c74; Half duration: 0 Moment
tensor: Scale 10^19Nm; Mr=0.23c1; Mo=3.70c25;
Mw=3.93c26; Mw-2.83c50; Mw=4.42c21; Mw-8.00c45;
Best double couple: Me=5.41x10^16 Np1.0c160, c63c3,
l-177; NP2=69; s888; l-27; Principal axes: T.6.526,
Plg17; Azm118; N.025, Plg63; Azm244; P-6.555,
Plg20; Azm21; nstai refers to body waves, cutoff=40s.
nstac refers to surface waves, cutoff=50s.

NEIC 28 09:14:46.2, 0.3, 0.6N, 94.05E, h30km, mb4.9/17,
MS4.5/1, Error ellipse: s-maj=10.0km s-min=6.4km
az=55.0

ISC 28 09:14:46.0, 1.2, 8.05N, 0.04, 94.08E, 0.04, h43km, 10km,
n158, c1931/159, mb4.7/60, MS4.6/8, 4C-1D, Nicobar
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Rows include PBA Port Blair, PBA Port Blair, NNT Nonplab, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

CMAR comp=Z,3um,18.0s MLR MLR
CMAR Chiang Mai Arr 11.38 24 Pn P 09 17 28.6 -0.3
comp=Z,0.7nm,0.3s,baz=211,slow=14,SNR=34

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Rows include CMAR Chiang Mai Arr, CHG Chiang Mai, NANT Nan, PALK Pallekele, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Vishakhapatnam, KOD Kodaikanal, KOD Kodaikanal, SHL Shillong, SHL Shillong, HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, Qiongzhong, QIONGZHONG, QIZ QIZ.

QIZ comp=N,7um,13.2s LR LR
QIZ comp=E,3um,13.1s LR LR
KMI Kunming 18.89 25 P S 09 19 08.7 +3.1
KMI Kunming 18.89 25 P S 09 22 31.2 +0.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
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KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1
KMI comp=Z,42nm,1.4s Kuningming 18.89 25 P P 09 19 08.7 +3.1

WRAB Tennant Creek 48.41 126 i P P 09 23 25.4 -0.8
WRAB Tennant Creek 48.41 126 e P P 09 23 23.4 -2.8

WB2 Warramunga Arr 48.41 126 i P P 09 23 23.0 -2.4
BVA0 BVA0 48.97 294 P P 09 23 28.0 -0.9

BVA0 comp=Z,2.0nm,1.1s,mb4.1 pmax pmax
BVA0 Borovoye Array 48.81 341 P P 09 23 26.5 -2.4

BVA0 Borovoye Array 48.81 341 P P 09 23 26.5 -2.4
RAYN comp=Z,2.6nm,0.8s,mb4.3,baz=140,slow=11,SNR=9.9 P P 09 23 31.7 +1.2

RAYN comp=Z,1.07nm,0.7s,mb6.0,SNR=21 P P 09 23 31.7 +1.2
JHJ Hachijo jima 2 49.00 53 LR LR 09 43 48.4

CHKZ Chkalovo 49.30 342 P P 09 23 31.5 -1.1
CHKZ comp=Z,1.6nm,1.0s,mb5.0 pmax pmax

CHKZ Chkalovo 49.30 342 e P 09 23 31.4 -1.2
CHKZ comp=Z,1.6nm,0.9s,mb5.0 pmax pmax

ASAR Alice Springs 50.07 130 P P 09 23 38.5 -0.5
ASAR comp=Z,4.1nm,0.9s,mb4.5,baz=304,slow=6.9,SNR=17 P P 09 24 59.8 +1.4

ASAR comp=Z,3.8nm,0.8s,baz=308,slow=3.6,SNR=11 LR LR 09 45 12.4
ASAR comp=Z,4.02nm,19.8s,MS4.4,baz=294,slow=36 P P 09 23 16.1 -1.4

BOD Bodaibo 52.00 13 i P P 09 23 51.6 -1.4
GNI Gani 54.28 314 i P P 09 24 12.4 +2.2

GNI comp=Z,18nm,1.7s pmax pmax
CLNS Chul'man 54.30 20 e P 09 24 08.2 -1.9

CLNS comp=Z,1.3nm,1.1s,mb4.8 pmax pmax
CLNS comp=N,6.0nm,0.8s pmax pmax

SVE Sverdlouvs 55.22 338 e P 09 24 17.4 +0.5
SVE comp=Z,1um,17.0s,MS5.0 MLR MLR

ASAJ Asahikawa 55.32 41 LR LR 09 47 17.4
PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2
PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2
PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2
PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2
PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2
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PMG Port Moresby 55.63 107 P P 09 24 21.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL Collm, MAW Mawson, and various array stations.

NEIC 28 09:16:31.4, 0.8, 7.75N, 94.7E, h30km, mb4.8/7, Error ellipse: s-maj=21.4km s-min=107km az=129.0

BUI 28 09:16:32.7, 4.5N, 93.67E, h60km, mb5.1, IDC 28 09:16:41.1, 6.3, 8.60N, 93.60E, h75km, mb4.2/16, mb4.3/17, mb1mx4.2/22, mbtmp4.5/17, MSJ4.5/1, Ms1.4.5/1, ms1mx3.1/25, Error ellipse: s-maj=54.3km s-min=26.5km az=149.0

ISC 28 09:16:30.2, 0.8, 7.8N, 94.1E, 0.1, h33km, n39, e147/37, mb4.5/22, MS4.5/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, AAK Ala-Archa, and many others.

IDC 28 09:18:07.0, 0.8, 8.05N, 94.14E, mb4.0/9, mb1 4.2/9, mb1mx4.1/19, mbtmp4.0/9, Error ellipse: s-maj=36.6km s-min=19.8km az=45.0

NEIC 28 09:18:12.2, 0.6, 7.98N, 94.11E, h30km, mb4.2, Error ellipse: s-maj=25.5km s-min=14.6km az=51.0

ISC 28 09:18:10.9, 0.8, 8.0N, 94.1E, 0.2, h33km, n39, e093/11, mb4.1/10, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 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. Includes stations like SONM Songino Array, KURK Kurchatov, WRA Warramunga Arr, and many others.

NEIC 28 09:20:59.8, 1.6, 62.2N, 98.04W, h27km, MD3.7(MEX), After MEX, MEX 28 09:20:59.0, 1.2, 16.48N, 98.02W, h44km, 18km, MD3.7, 1C, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, and many others.

IGQ 28 09:26:10.8, 0.92S, 81.59W, h5km, 31km, mb5.5, Error ellipse: s-maj=23.0km s-min=7.5km az=174.6

IDC 28 09:26:16.3, 0.6, 1.00S, 81.15W, mb4.5/18, mb1 4.6/20, mb1mx4.0/25, mbtmp4.5/20, ML4.2/MSS.5/15, Ms1.5/15, ms1mx3.0/21, Error ellipse: s-maj=22.9km s-min=13.9km az=68.0, Putative timing error at LPAZ

BUI 28 09:26:18.8, 1.20S, 81.50W, h10km, mb6.0, Ms6.1, MSz5.8, NEIC 28 09:26:18.0, 0.2, 1.18S, 81.50W, h10km, mb5.2/83, MS5.6/131, MW6.1, MD5.5(GQ), Error ellipse: s-maj=7.4km s-min=4.6km az=223.0, Moment Tensor Solution. s29 Moment tensor: Scale 10^18Nm; Mr:0.41; Mw:0.02; Mw-0.42; Mw-0.11; Mw-0.07; Mw-1.59; Best double couple: Mo:1.6x10^18 Np1:14, d7, 100; NP2: 1.02, 184, 88; Principal axes: T:1.64, P:64, S:27; N:0.02, P:17; P-1.66, P:38; Azm:275;

NEIC Azm: Azm: Manila; HRVD 28 09:26:18.8, 0.1, 1.22S, 81.39W, h12km, MW6.0/70, Centroid moment Tensor Solution. LP body waves: s61, c129, Mantle waves: s70, c246; Half duration: 2.4 Moment tensor: Scale 10^18Nm; Mr:0.79; Mw-0.03; Mw-0.75; Mw-0.01; Mw-0.01; Mw-0.09; Mw-0.93; Best double couple: Mo:1.209x10^18 Np1: 11, 820, 198; NP2: 182, 87, 87; Principal axes: T:1.23, P:165, Azm:87; N-0.207, P:37, Azm:183; P-1.195, P:25; Azm:275; nst1 refers to body waves, c105, nst2 refers to surface/mantle waves,

ISC 28 09:26:16.9, 0.2, 1.17S, 81.36W, 0.03, h10km, (h14km, 9km, pp-P), n30, e127/228, mb5.1/97, MS5.6/142, 14C-DF, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, MAGD Magdalena, IGUA Iguatela, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MDZ Mendoza, HKT Hockley, NHSC New Hope, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BAR Barrett, PFW Pilot Hill, PFO Pinyon Flat Ob, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BBB Bella Bella, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like FRF La Foret Royal, MBDF Montbardon, LPL La Plagne, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, INK Inuvik, INK Inuvik, YKA Inuvik, YKA Inuvik, NVAR Mina Array, NVAR Mina Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, PLCA Paso Flores, PLCA Paso Flores, LPAZ La Paz.

MDD 28 09:40:37.5-0.5, 2.6, 94N-4.22E, mb3.9/6, Error ellipse: s-maj=10.1km s-min=5.1km az=22.0, SOLUCIN POBRE

CSEM 28 09:40:38.0-0.2, 36.87N-4.13E, h0km, ML3.5, Error ellipse: s-maj=7.3km s-min=3.3km az=41.0

NEIC 28 09:40:42.8, 37.25N-4.06E, MG4.1(MDD), After MDD, ISC 28 09:40:38.0-1.4, 36.97N-0.08-4.15E-0.07, h29km, 16km, n23, c115/35, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ABMS Boumerdes, ABA Alger-Bouzeira, SET Setif, DFRA Djebel Bou Aff, CKHR Kef el Ahmar, CMER Merouana, CASM Ain Smara, CKFL Kef-Lekhel, EIBI Ibiz, EIBI Ibiz, EIBI Ibiz, EIBI Ibiz, EBEN Beniard, EBEN Beniard, EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, EPOB Poblet, EPOB Poblet, EPOB Poblet, EPOB Poblet, EMIR Miracle, EMIR Miracle, EMIR Miracle, EMIR Miracle, EJON La Jonquera, EJON La Jonquera, EJON La Jonquera.

IGQ 28 09:41:50.0, 92S-81.08W, h12km, 15km, mb4.1, 3C-3D, Error ellipse: s-maj=50.3km s-min=10.7km az=176.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguazata, PINO Pino, NASI Nasa, YANA Yana, JUUV Juive, RETU Refugio, ARRY Arrayan, VC1 Cotopaxi 1, PAMB Pisayambo, TAMB Tambo, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe.

NEIC 28 09:42:14.6-0.6, 7.59N-93.80E, h30km, mb4.2/1, Error ellipse: s-maj=20.0km s-min=11.2km az=59.0

ICD 28 09:42:19.4-7.1, 7.75N-94.14E, h64km, 61km, mb3.7/8, mb1 3.9/9, mb1mx3.6/19, mbmtmp4.0/9, ML4.1/1, Error ellipse: s-maj=24.2km s-min=17.3km az=83.1

ISC 28 09:42:12.5-0.6, 7.59N-10.0, 93.80E-0.10, h30km, n18, c097/15, mb4.0/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, TRD Trivandrum, HYB Hyderabad, HYB Hyderabad, SONM Songino Array, KURK Kurchatov, NWAO Narrogin (SRO), ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCES Array B, GERES GERES Array B, TXAR Lajitas Array, TXAR Lajitas Array, PLCA Paso Flores, PLCA Paso Flores.

NEIC 28 09:45:18.2-0.5, 7.98N-94.10E, h30km, mb4.3/5, Error ellipse: s-maj=17.0km s-min=10.2km az=60.0

ICD 28 09:45:21.8-4.7, 8.05N-94.19E, h0km, 41km, mb3.9/16, mb1 4.0/17, mb1mx3.9/23, mbmtmp4.1/17, ML3.2/1, Error

ellipse: s-maj=27.0km s-min=13.2km az=50.0

ISC 28 09:45:18.8-2.9, 8.00N-1.94, 2E-0.1, h52km, 26km, n31, c1103/26, mb4.2/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, LSA LSA, SONM Songino Array, KURK Kurchatov, NWAO Narrogin (SRO), ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, ASAR Alice Springs, PMG Port Moresby, KMBO Kilima Mbogo, ASF Jabal al Asfar, BRTR Keskin Arr, AKASG Malin Array B, JOF Joensuu, FINES FINESS Array B, KAF Kaganseini, KEV Kev, ARCES ARCES Array B, GERES GERES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, INK Inuvik, INK Inuvik, NVAR Mina Array B, NVAR Mina Array B, PDAR Pinedale Array, TXAR Lajitas Array, PLCA Paso Flores.

ICD 28 09:53:03.2-1.0, 8.04N-93.66E, h54km, 93km, mb3.8/5, mb1 3.9/6, mb1mx3.6/16, mbmtmp4.0/6, ML4.1/1, Error ellipse: s-maj=102.4km s-min=26.5km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, FINES FINESS Array B, ARCES ARCES Array B, PLCA Paso Flores.

ICD 28 09:59:58.7-0.7, 8.12N-94.07E, mb4.2/15, mb1 4.3/16, mb1mx4.2/22, mbmtmp4.2/16, MS5.3/1, Ms1 5.3/1, mb1mx3.1/30, Error ellipse: s-maj=29.4km s-min=15.8km az=54.0

NEIC 28 10:00:03.0-0.4, 8.12N-94.09E, h30km, mb4.3/4, Error ellipse: s-maj=14.9km s-min=9.4km az=62.0

ISC 28 10:00:02.1-3.8, 8.2N-1.94, 2E-0.1, h36km, 34km, n35, c099/33, mb4.5/23, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, HYB Hyderabad, JIRN Jirn, PKI Pulchoki, DMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, BHPL Bhopal, SONM Songino Array, KURK Kurchatov, ZAL Zalesovo, NWAO Narrogin (SRO), WRA Warramunga Arr, WRAB Tennant Creek, CHKZ Chkalovo, ASAR Alice Springs, KMBO Kilima Mbogo, BRTR Keskin Arr, AKASG Malin Array B, MLR Muntze Rosu, FINES FINESS Array B, ARCES ARCES Array B, ARCES ARCES Array B, BRG Berggieishubel, GERES GERES Array B, GERES Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, DAVOX Davos, PDAR Pinedale Array, TXAR Lajitas Array, PLCA Paso Flores.

MOS 28 10:00:28.5-1.2, 7.90N-94.16E, h33km, mb5.0/35, Error ellipse: s-maj=13.2km s-min=7.0km az=108.6

BUI 28 10:00:29.7, 7.71N-93.71E, h49km, mb5.3, mb4.6, Ms4.8, Ms2.5

NEIC 28 10:00:29.7-0.3, 7.94N-94.19E, h30km, mb4.8/18, Error ellipse: s-maj=11.4km s-min=8.2km az=51.0

ICD 28 10:00:32.2-4.3, 7.97N-94.22E, h50km, 37km, mb4.3/26, mb1 4.4/27, mb1mx4.4/29, mbmtmp4.6/27, ML4.2/1, Error ellipse: s-maj=22.0km s-min=11.6km az=47.0, Putative timing error at L1

ISC 28 10:00:29.6-1.9, 7.88N-0.06-94.09E-0.05, h42km, 16km, n133, c1827/126, mb4.7/52, MS4.8/2, SC-1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NAKHON Nakhon Sawan, CMAR Chiang Mai Arr, CHG Chiang Mai, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Hyderabad, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, KMI Kunming, KMI Kunming, MNGI Mangalore, MNGI Mangalore, NGP Nagpur, KAD Karad, LSA Lhasa, LSA Lhasa, LSA Lhasa, BHPL Bhopal, POO Poona, NDI New Delhi, ENH Enshi, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, AAK Ala-Archa, AAK Ala-Archa, SONM Songino Array, SONM Songino Array, ULN Ulaanbaatar, ULN Ulaanbaatar, SNY Shenyang, SNY Shenyang, SNY Shenyang, SNY Shenyang, TLY Talaya, TLY Talaya, NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), HIA Hailar, HIA Hailar, ZAL Zalesovo, ZAL Zalesovo, WRA Warramunga Arr, WRA Warramunga Arr, CHKZ Chkalovo, CHKZ Chkalovo, ASAR Alice Springs, ASAR Alice Springs, KLR Kul'dur, GNI Garni, GNI Garni, GNI Garni, GNI Garni, CLNS Chul'man, CLNS Chul'man, CLNS Chul'man, CLNS Chul'man, SVE Sverldovsk, SVE Sverldovsk, PMG Port Moresby, PMG Port Moresby.

28d 10h

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, ARU Arti, KIV Kislovodsk, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like SDV Santo Domingo, LPAZ La Paz, IDC 28 10:03:54.5, etc.

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Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like IMA Indian Mountain, ILAR Eielson Array, NVAR Mina Array, etc.

BUI 28 10:49:37.0, 7.90N-94.00E, h30km, mb4.6
NEIC 28 10:49:37.0, 7.88N-93.98E, h30km, mb4.5/5, Error
ellipse: s-maj=15.4km, s-min=9.9km az=62.0

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

UCR 28 10:57:32.0, 9.58N-83.69W, h11km, MD4.0
CASC 28 10:57:33.2, 9.57N-83.72W, h6km, 5km, MD4.0, 8C-4D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like Buena Vista, Volcan Irazu, Bijagal, etc.

NEIC 28 10:59:45.0, 0.3, 7.94N-94.05E, h30km, mb4.8/12, Error
ellipse: s-maj=12.5km, s-min=7.8km az=59.0

BUI 28 10:59:46.3, 7.80N-93.86E, h39km, mb5.1, mb4.4, Ms4.9, Ms2.4
IDC 28 10:59:47.1, 4.3, 7.97N-94.06E, h48km, mb3.8/22,
mb1.4, 0.2/3, mb1.1mx4.0/25, mbtm4.1/23, ML4.3/1, Error
ellipse: s-maj=29.8km, s-min=11.4km az=52.0

ISC 28 10:59:48.0, 4.7, 9.11N-0.07, 94.14E, 0.08, h31km,
(h3km, 3.9km, pp-P), n61, 1e101/56, mb4.5/38, MS4.6/1, 1C,
Nicobar Islands region

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

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

IDC 28 11:04:27.6, 0.7, 8.76N-93.80E, mb4.2/21, mb1.4, 3/22,
mb1mx4.3/26, mbtm4.2/22, ML4.3/1, MS4.4/2, Ms1.4/4/2,
ms1mx4.0/19, Error ellipse: s-maj=29.8km, s-min=13.0km
az=42.0, Putative timing at LPZ

BUI 28 11:04:31.0, 7.43N-93.48E, h57km, mb5.5, mb4.6, Ms4.9, Ms2.7

NEIC 28 11:04:32.4, 0.4, 7.85N-93.80E, h30km, mb4.6/12, Error
ellipse: s-maj=13.6km, s-min=8.6km az=61.0

ISC 28 11:04:30.9, 0.4, 7.91N-0.07, 94.04E, 0.07, h30km, n53,
a126/48, mb4.4/36, MS4.7/2, Nicobar Islands region

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

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

IDC 28 11:09:14.6, 1.4, 7.68N-93.95E, mb4.0/8, mb1.4/2/8,
mb1mx3.9/19, mbtm4.0/8, Error ellipse: s-maj=57.2km
s-min=27.1km az=49.0, Nicobar Islands region

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

IGQ 28 11:12:39.8, 1.13S-81.29W, h12km, 3km, mb4.5, 3C-8D,
Error ellipse: s-maj=6.3km, s-min=3.7km az=141.3, OF
coast of Ecuador

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

CASC 28 11:14:06.3, 1.0, 12.78N-88.32W, h51km, 38km, MD3.7,
ML3.1, 3C-9D, Off coast of central America

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

NEIC 28 11:14:10.6, 0.6, 7.92N-94.26E, h30km, mb4.1/1, Error
ellipse: s-maj=21.3km, s-min=14.2km az=83.0

IDC 28 11:14:12.3, 5.7, 7.96N-94.33E, h41km, 52km, mb3.7/8,
mb1.3/9, mb1mx3.7/20, mbtm3.9/9, ML4.0/1, Error
ellipse: s-maj=37.8km, s-min=20.6km az=82.0

ISC 28 11:14:09.9, 5.4, 8.04N-1.94, 3E, 0.2, h38km, 48km, n13,
o075/1, mb4.0/9, Nicobar Islands region

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

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SMLA	Simla	comp=Z,79nm,0.4s,mb5.6,baz=131,slow=12,SNR=3.6	eP	P	11 59 05.2 +14
SMLA			e	P	11 59 15.2 +13
SMLA	Xi'an	comp=Z,80nm,1.2s	eS	P	12 03 49.1 +18
XAN			P	S	11 59 03.8 +0.3
XAN			AMB	AMB	
LZH	Lanzhou	comp=Z,16nm,1.0s,mb4.7	eP	P	11 59 04.5 +0.5
LZH			AP	P	11 59 11.5 +3.5
LZH			XP	sP	11 59 14.5 -5.7
LZH			AMB	AMB	
LZH		comp=Z,46nm,1.8s,mb4.9			
LZH			AMB	AMB	
LZH		comp=Z,120nm,4.0s	LR	LR	
LZH		comp=E,3um,12.8s	LR	LR	
LZH		comp=Z,3um,14.0s,MSS.1	LR	LR	
LZH	Lanzhou	comp=Z,3um,14.0s,MSS.1	eP	P	11 59 04.5 +0.5
LZH			*sP	sP	11 59 14.5 -5.7
LZH			pmx	pmx	
LZH		comp=Z,46nm,1.8s,mb4.9			
LZH			MLR	MLR	
LZH		comp=Z,3um,14.0s,MSS.1	eP	P	11 59 04.5 +0.5
LZH			MLR	MLR	
LZH		comp=Z,46nm,1.8s,mb4.9			
LZH			pP	pP	11 59 11.4 -3.6
LZH			sP	sP	11 59 14.5 -5.7
LZH			LR	LR	
WHN	Wuhan	comp=Z,3um,14.0s,MSS.1	eP	P	11 59 08.0 +4.0
WHN			eS	LR	11 59 09.0 +5.0
WHN			LR	LR	
SSE	Sheshan	comp=Z,7um,12.9s,MSS.5	34	42	11 59 43.0 -3.0
SSE		comp=Z,50nm,0.7s,mb5.5			
SSE			S	S	12 05 08.1 -0.9
SSE			SS	SS	12 05 26.5
TIA	Tai'an	35.15 33	eP	P	11 59 56.8 +3.0
WMQ	Urumqi	36.22 352	eP	P	12 00 04.5 +1.7
WMQ			pP	pP	12 00 10.3 -3.8
WMQ			XP	sP	12 00 13.3 -6.0
WMQ			PP	PP	12 01 27.9 +1.0
WMQ			PCP	PCP	12 02 30.0 +2.2
WMQ			PCP	PCP	12 05 43.0 +3.5
WBJ	Wadi Bani Khal	36.79 297	iP	P	12 00 10.3 +2.5
JOW	Kunigami	37.48 56	P	P	12 00 15.8 +2.4
JOW		comp=Z,14nm,0.8s,mb4.8,baz=105,slow=28,SNR=3.0			12 15 57.2
JMDO	Jabal Madar	37.48 297	iP	P	12 00 15.9 +2.3
BJT	Bajitatuau	37.58 28	eP	P	12 00 13.2 -1.1
BJT			pmx	pmx	
BJT		comp=Z,19nm,0.8s			
BJT	Bajitatuau	37.58 28	eP	P	12 00 13.2 -1.1
BJI	Beijing	37.60 28	P	P	12 00 16.8 +2.4
BJI			S	S	12 01 45.9 +2.4
BJI			S	S	12 06 09.6 +6.2
BJI			pmx	pmx	
BJI		comp=Z,7.0nm,1.3s,mb4.2			
BJI			MLR	MLR	
BJI		comp=Z,940nm,23.5s,MSS4.5			
BJI	Beijing	37.60 28	P	P	12 00 16.8 +2.4
BJI			PP	PP	12 01 45.9 +2.4
BJI			S	S	12 06 09.6 +6.2
BJI			SS	SS	12 08 46.7 +1.1
BJI			LR	LR	
SMDO	Samad	37.73 298	iP	P	12 00 18.0 +2.3
MBWA	Marble Bar	38.31 139	eP	P	12 00 20.2 -0.3
BSY	Bisya	38.39 297	iP	P	12 00 23.7 +2.5
KBK	Karagaybulak	38.51 337	P	P	12 00 22.9 +0.9
HOQ	Hoqain	38.54 298	iP	P	12 00 24.9 +2.5
AML	Almayashu	38.57 335	P	P	12 00 23.0 +0.5
AAK	Ala-Archa	38.67 337	P	P	12 00 24.6 +1.3
AAK		SNR=11			
AAK	Ala-Archa	38.67 337	eP	P	12 00 23.2 -0.1
AAK			ePP	pP	12 00 35.2 +0.6
AAK			pmx	pmx	
AAK		comp=Z,25nm,1.1s,mb4.9			
AAK	Ala-Archa	38.67 337	eP	P	12 00 23.2 -0.1
AAK		comp=Z,25nm,1.1s,mb4.9			
AAK			eP	pP	
EKS2	Erkin-Say	38.98 336	P	P	12 00 26.4 +0.5
ARQ	Araqi	39.16 297	iP	P	12 00 30.1 +2.5
USP	Ospenovka	39.20 337	P	P	12 00 27.8 +0.1
RBK	Rabkut	40.00 288	iP	P	12 00 36.6 +2.0
MKAR	Makanchi Array	40.06 347	iP	P	12 00 34.1 -0.7
MKAR			pmx	pmx	
FITZ	Fitzroy Crossi	40.46 130	eP	P	12 00 38.9 +0.5
ABTO	Aybut	40.83 287	iP	P	12 00 43.3 +1.9
SONM	Songino Array	41.15 13	e	P	12 00 44.1 +0.3
SONM		comp=Z,14nm,1.0s,mb4.5,baz=197,slow=8.1,SNR=22			
SONM			PCP	PCP	12 02 43.9 +0.7
ULN	Ulaanbaatar	41.32 13	iP	P	12 00 42.6 -2.6
ULN	Ulaanbaatar	41.32 13	eP	P	12 00 45.1 -0.1
ULN		comp=Z,7.7nm,0.8s,mb4.4			
SNY	Shenyang	42.67 33	iP	P	12 00 59.8 +3.4
SNY			XP	sP	12 01 12.0 -0.9
SNY			AMB	AMB	
SNY		comp=Z,20nm,1.8s,mb4.5			
SNY		comp=N,1um,15.7s,MSS.1	LR	LR	
SNY		comp=E,1um,12.1s,MSS.1	LR	LR	
SNY			LR	LR	
ZAK	Zakamensk	43.03 9	eP	P	12 00 57.9 -1.3
ZAK			e	P	12 02 46.4
MOY	Mondy	44.00 6	eP	P	12 01 08.0 +0.9
TLV	Talaya	44.35 8	eP	P	12 01 10.2 +0.4
TLV			eS	SS	12 07 41.7 +0.9
TLV			eSS	SS	12 11 07.1 +1.6
TLV			pmx	pmx	
TLV		comp=Z,9.0nm,1.0s,mb4.5			
TLV			MLR	MLR	
TLV		comp=Z,849nm,16.0s,MSS4.8			
TLV	Talaya	44.35 8	eP	P	12 01 10.1 +0.3
KURK	Kurchatov	44.58 346	iP	P	12 01 11.6 -0.1
KURK			pmx	pmx	
KURK		comp=Z,59nm,1.5s,mb5.2			
KURK	Kurchatov	44.58 346	eP	P	12 01 10.9 -0.8
MUN	Mundaring	44.92 153	eP	P	12 01 15.7 +1.0
MUN		comp=Z,29nm,0.7s,mb5.2			
MUN	Mundaring	44.92 153	eP	P	12 01 15.7 +1.0
MUN			pmx	pmx	
KLBR	Kellerberrin	45.31 151	eP	P	12 01 18.2 +0.3
NBWO	Narogin (SRO)	46.19 153	eP	P	12 01 24.2 -0.5
NBWO		comp=Z,35nm,0.7s,baz=322,slow=8.2,SNR=24			
NBWO	Narogin (SRO)	46.19 153	P	P	12 01 23.8 -0.9
NBWO			LR	LR	12 19 39.3
NBWO		comp=Z,5.5nm,18.9s,baz=149,slow=35			
NBWO	Narogin (SRO)	46.19 153	eP	P	12 01 24.2 -0.5
NBWO		comp=Z,39nm,0.8s,mb4.4			
HIA	Hailar	46.52 23	eP	P	12 01 26.8 -0.3
HIA			pmx	pmx	
HIA		comp=Z,27nm,1.1s			
HIA	Hailar	46.52 23	eP	P	12 01 26.8 -0.3
ZAL	Zalesovo	46.52 352	P	P	12 01 27.2 +0.2
ZAL			pmx	pmx	
ZAL		comp=Z,21nm,0.7s			
ZAL	Zalesovo	46.52 352	P	P	12 01 27.1 +0.1
NVS	Novosibirsk	comp=Z,21nm,0.7s,mb5.2,baz=304,slow=5.7,SNR=28			12 01 34.3 -1.4
NVS			ePPP	SS	12 03 08.4
NVS			eS	S	12 04 22.2 +5.9
NVS			S	S	12 08 20.3 -7.0

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NVS		comp=Z,52nm,1.1s,mb5.5	pmx	pmx	
NVS			pmx	pmx	
NVS		comp=N,39nm,1.2s	pmx	pmx	
NVS			smx	smx	
NVS		comp=N,34nm,1.6s			
NVS			smx	smx	
MDJ	Mudanjiang	comp=E,28nm,1.7s	47.81 34	P	12 01 42.3 +5.0
MDJ			AMB	AMB	
MDJ		comp=Z,15nm,1.8s,mb4.7			
MDJ			AMB	AMB	
MDJ		comp=Z,154nm,5.9s	47.81 34	P	12 01 36.2 -1.1
MDJ	Mudanjiang	comp=Z,94nm,1.7s,mb5.5	47.81 34	P	12 01 40.5 -1.0
WRA	Warramunga Arr	48.31 126	P	pmx	
WRA			pmx	pmx	
WRA		comp=Z,4.0nm,0.5s			
WRA	Warramunga Arr	48.31 126	P	P	12 01 40.5 -1.0
WRA		comp=Z,4.1nm,0.5s,mb4.7,baz=304,slow=8.7,SNR=22			
WRAB	Tennant Creek	48.31 126	eP	P	12 01 39.1 -2.4
WRAB			pmx	pmx	
WRAB		comp=Z,42nm,1.3s,mb5.3			
WRAB	Tennant Creek	48.31 126	eP	P	12 01 39.1 -2.5
WRAB		comp=Z,42nm,1.3s,mb5.3			
WB2	Warramunga Arr	48.32 126	eP	P	12 01 38.7 -2.9
BVA0	Borovoye Arr	48.95 341	iP	P	12 01 44.6 -1.4
BVA0			pmx	pmx	
BVA0		comp=Z,3.0nm,1.1s,mb4.2			
BVAR	Borovoye Array	48.95 341	P	P	12 01 45.0 -1.1
BVAR		comp=Z,10nm,1.1s,mb4.8,baz=153,slow=6.6,SNR=16			
BVAR			PcP	PcP	12 03 11.8 +1.7
BVAR		comp=Z,4.3nm,0.8s,baz=198,slow=4.6,SNR=2.5			
BRVK	Borovoye	49.02 341	eP	P	12 01 45.4 -1.1
BRVK			pmx	pmx	
BRVK		comp=Z,14nm,1.0s,mb5.0			
BRVK	Borovoye	49.02 341	eP	P	12 01 45.4 -1.1
BRVK		comp=Z,14nm,1.0s,mb4.9			
RAYN	Ar Rayn	49.04 294	P	P	12 01 48.7 +1.6
JHJ	Hachijo jima 2	49.08 53	LR	LR	12 21 37.3
JHJ		comp=Z,621nm,20.6s,MS4.6,baz=309,slow=35			
MAJO	Matsushiro	49.17 48	P	P	12 01 47.5 -0.5
MAJO			pmx	pmx	
MAJO		comp=Z,36nm,1.6s,mb5.2			
MAJO	Matsushiro	49.17 48	P	P	12 01 47.5 -0.5
MAJO		comp=Z,36nm,1.6s,mb5.2			
MAT	Matsushiro	49.17 48	eP	P	12 01 53.0 +5.0
MAT			pmx	pmx	
MAT		comp=Z,58nm,1.7s,mb5.3			
MAT	Matsushiro	49.17 48	eP	P	12 01 53.0 +5.0
MAT		comp=Z,58nm,1.7s,mb5.3			
MAT			LR	LR	
CBJ	Chichijima	49.32 61	LR	LR	12 01 52.9 +4.9
CBJ		comp=Z,39nm,19.0s,MS4.4,baz=277,slow=34			12 21 20.1
CHKZ	Chkalovo	49.44 342	P	P	12 01 48.9 -0.9
CHKZ			pmx	pmx	
CHKZ		comp=Z,40nm,1.2s,mb5.3			
CHKZ		comp=Z,45nm,1.2s,mb5.4			
ASPA	Alice Springs	49.96 130	eP	P	12 01 53.3 -0.9
ASAR	Alice Springs	49.96 130	eP	P	12 01 51.9 -2.3
ASAR		comp=Z,7.1nm,0.7s,mb4.8,baz=303,slow=7.2,SNR=28			
ASAR			LR	LR	12 24 41.3
FOR	Forrest	50.38 141	eP	P	12 01 56.1 -1.2
FOR		comp=Z,164nm,0.7s,mb5.2			
KLR	Kul'dur	51.88 31	eP	MLR	12 02 07.2 -1.2
KLR			MLR	MLR	
KLR		comp=Z,2um,13.0s,MSS.3			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, ASF Jabal al Asfar, MALT Malatya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kunming, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUJ Lubjan, PERS Pernice, SVIS Svijajnac, etc.

IGQ 28 12:03:07.4, 1.13S-81.40W, h4km, 5km, mb4.1, 4C-4D, Error ellipse: s-maj=9.6km s-min=8.3km az=145.7, Off east of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguata, JUUV Juive, etc.

NEIC 28 12:09:06.0, 6.7, 9.6N-94.25E, h30km, mb4.2/1, Error ellipse: s-maj=19.4km s-min=12.1km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, KMBO Kilima Mbogo, ASF Jabal al Asfar, etc.

ISC 28 12:09:04.3, 0.6, 8.0N-101.94E, 0.1, h30km, n15, 0.87/13, mb4.1/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabad, SONM Songoing Array, etc.

NEIC 28 12:09:06.0, 6.7, 9.6N-94.25E, h30km, mb4.2/1, Error ellipse: s-maj=19.4km s-min=12.1km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguata, JUUV Juive, etc.

ISC 28 12:09:04.3, 0.6, 8.0N-101.94E, 0.1, h30km, n15, 0.87/13, mb4.1/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabad, SONM Songoing Array, etc.

ISC 28 12:23:20.1, 0.6, 7.60N-94.00E, h30km, mb4.4, Ms4.5, Msz4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabad, SONM Songoing Array, etc.

ISC 28 12:10:45.7, 1.6, 33.81N-142.44E, mb3.8/3, mb1 4.2/6, mb1 mx3.8/22, mbmp4.3/6, ML3.8/3, Error ellipse: s-maj=33.5km s-min=23.6km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

ISC 28 12:10:45.0, 2.0, 33.94N-142.55E, 0.07, h20km, 19km, n20, e114/27, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLY Banja Luka, RHK3 Tenkes, RHK1 Bakonya, etc.

ISC 28 12:23:20.1, 0.6, 7.60N-94.00E, h30km, mb4.4, Ms4.5, Msz4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabad, SONM Songoing Array, etc.

ISC 28 12:10:45.7, 1.6, 33.81N-142.44E, mb3.8/3, mb1 4.2/6, mb1 mx3.8/22, mbmp4.3/6, ML3.8/3, Error ellipse: s-maj=33.5km s-min=23.6km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

ISC 28 12:10:45.0, 2.0, 33.94N-142.55E, 0.07, h20km, 19km, n20, e114/27, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLY Banja Luka, RHK3 Tenkes, RHK1 Bakonya, etc.

ISC 28 12:23:20.1, 0.6, 7.60N-94.00E, h30km, mb4.4, Ms4.5, Msz4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, HYB Hydrabad, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CHIANG MAI ARR, HYB Hyderabad, LSA Lhasa, SONM Songino Array, WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, FINES Finess Array B, FINES GERESS Array B, NOA NORARS Array B.

BUI 28 13:08:06.6, 7.48N:93.77E, h30km, mB4.4, mB4.5, Ms4.2, Ms2.8
IDC 28 13:08:08.4, 0.8, 8.09N:94.10E, mB4.3/14, mB1.4/4/15, mb1mx4.3/20, mbmp4.2/15, ML3.7/1, MS3.7/5, Ms1.3/9.5, ms1mx3.0/23, Error ellipse: s-maj=28.9km s-min=18.8km az=47.0

NEIC 28 13:08:13.0, 0.5, 13.9N:94.17E, h30km, mB4.5/10, Error ellipse: s-maj=15.8km s-min=11.0km az=56.0

IDC 28 13:07:09.0, 6.8, 0.22N:100.94, 20E, 0.09, h10km, n50, az=16/47, mB4.5/29, MS3.9/4, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Vishakhapatnam, BWNR Bhubaneswar, BWNR Bhubaneswar, HYB Hyderabad, HYB Hyderabad, KMI Kuming, KMI Kuming, JIRN Jiri, PKI Pulchoki, DMN Daman, KAD Karad, LSA Lhasa, GKN Gorkha, KOLN Koldanda, BHPL Bhopal, ENH Enshi, DDI Dehra Dun, WMQ Urumqi, AAK Ala-Archa, SONM Songino Array, SONM Kurchatov, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, RAYN Ar Rayn, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, GNI Garni, KMBO Klitima Mbovo, ASF Jabal al Asfar, ASF Jabal al Asfar, STKA Stephens Creek, BRTR Keskin Array B, AKASO Malin Array B, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, KEV Kevo, ARCES ARCES Array B, BRG Bergjesshovel, GERES GERESS Array B, KHC Kasperske Hory, NO2 NORARS Subarra, NOA NORARS Array B, NOA NORARS Array B, LPA La Plagne, IMG Indian Mountain, ILAR Eielson Array, PDAR Pinedale Array, TXAR Lajitas Array, PLCA Paso Flores.

NEIC 28 13:27:43.2, 0.5, 8.04N:107.94, 11E, 0.09, h30km, n45, az=16/40, mB4.4/27, MS3.7/1, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SHL Shillong, HYB Hyderabad, HYB Hyderabad, JIRN Jiri, PKI Pulchoki, DMN Daman, KKN Kakanui, LSA Lhasa, LSA Lhasa, GKN Gorkha, KOLN Koldanda, NDI New Delhi, ENH Enshi, DDI Dehra Dun, JOW Kunigami, SONM Songino Array, KURK Kurchatov, NWAO Narogin (SRO), ZAL Zalesovo, HIA Haijar, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, KMBO Klitima Mbovo, BRTR Keskin Array B, AKASO Malin Array B, LSZ Lusaka, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, LBTB Lobatse, KEV Kevo, ARCES ARCES Array B, GERES GERESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, LPA La Plagne, YKA Yellowknife, PDAR Pinedale Array, PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for POLP Polilio Island, POLP Lukban, BALP Balear, PCPH Palayan, BOAC Boac, BVAC Virac.

IDC 28 13:20:55.4, 14.0, 18.10S:178.78W, h67km, m214km, mB2.8/3, mB1.3/13, mB1mx2.5/14, mBtpm3.8/3, Error ellipse: s-maj=236.4km s-min=55.5km az=171.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array B, GERES GERESS Array B.

IDC 28 13:22:16.5, 1.8, 7.69N:94.25E, mB3.7/5, mB1.3/9/6, mB1mx3.7/19, mBtpm3.7/6, ML4.2/1, Error ellipse: s-maj=59.3km s-min=27.6km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, FINES Finess Array B.

IDC 28 13:27:40.5, 0.7, 8.02N:94.18E, mB4.1/14, mB1.4/3/15, mb1mx4.2/19, mbmp4.1/15, ML4.4/1, MS3.8/1, Ms1.3/8/1, ms1mx3.0/27, Error ellipse: s-maj=32.4km s-min=16.9km az=52.0

BUI 28 13:27:44.6, 8.10N:94.10E, h30km, mB5.3, mB4.4, Ms4.3, Ms2.4

NEIC 28 13:27:44.6, 0.6, 8.05N:94.13E, h30km, mB4.6/9, Error ellipse: s-maj=17.1km s-min=13.0km az=60.0

IDC 28 13:27:43.2, 0.5, 8.04N:107.94, 11E, 0.09, h30km, n45, az=16/40, mB4.4/27, MS3.7/1, 1C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SHL Shillong, HYB Hyderabad, HYB Hyderabad, JIRN Jiri, PKI Pulchoki, DMN Daman, KKN Kakanui, LSA Lhasa, LSA Lhasa, GKN Gorkha, KOLN Koldanda, NDI New Delhi, ENH Enshi, DDI Dehra Dun, JOW Kunigami, SONM Songino Array, KURK Kurchatov, NWAO Narogin (SRO), ZAL Zalesovo, HIA Haijar, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, KMBO Klitima Mbovo, BRTR Keskin Array B, AKASO Malin Array B, LSZ Lusaka, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, LBTB Lobatse, KEV Kevo, ARCES ARCES Array B, GERES GERESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, LPA La Plagne, YKA Yellowknife, PDAR Pinedale Array, PLCA Paso Flores.

IDC 28 13:45:50.5, 7.4, 7.43N:94.44E, mB3.7/3, mB1.3/9/4, mB1mx3.8/18, mBtpm3.7/4, Error ellipse: s-maj=178.3km s-min=55.7km az=140.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, GERES GERESS Array B, CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, KMBO Klitima Mbovo, BRTR Keskin Array B, AKASO Malin Array B, LSZ Lusaka, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, LBTB Lobatse, KEV Kevo, ARCES ARCES Array B, GERES GERESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, LPA La Plagne, YKA Yellowknife, PDAR Pinedale Array, PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 28 13:40:52.1, 1.9, 8.10N:93.54E, mB3.8/6, mB1.4/0/7, mB1mx3.8/19, mBtpm3.8/7, ML3.8/1, Error ellipse: s-maj=81.0km s-min=22.7km az=59.0

NEIC 28 13:40:55.8, 0.9, 7.90N:93.27E, h30km, mB4.3/2, Error ellipse: s-maj=28.2km s-min=14.4km az=66.0

IDC 28 13:40:54.2, 1.7, 7.94N:93.4E, 0.2, h30km, n11, az=67/8/1, mB3.8/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, KURK Kurchatov, ZAL Zalesovo, ZAL Zalesovo, BVAR Borovoye Array, WRA Warramunga Arr, CHKZ Chkalovo, ASAR Alice Springs, NOA NORARS Array B.

IGQ 28 13:42:41.1, 1.15S:81.34W, h7km, m4.4km, mB4.3, 4C-3D, Error ellipse: s-maj=6.8km s-min=4.3km az=7.7, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, IGUA Iguatalla, CUSU Cusua, JUAZ San Juan 2, JUVI Juive, TERV Terraza Guagua, PINO Pino, ARRY Arrayan, ARRY Arrayan, NASI Nasa, RETU Refugio, ULBA Ulba, YANA Yana, PISA Pisayambo, VCI Cotopaxi 1, TAMR Cotacachi, COTAC Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe, CONE Cono NE Rev Vo.

IDC 28 13:44:50.5, 7.4, 7.43N:94.44E, mB3.7/3, mB1.3/9/4, mB1mx3.8/18, mBtpm3.7/4, Error ellipse: s-maj=178.3km s-min=55.7km az=140.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, GERES GERESS Array B, CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, KMBO Klitima Mbovo, BRTR Keskin Array B, AKASO Malin Array B, LSZ Lusaka, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, LBTB Lobatse, KEV Kevo, ARCES ARCES Array B, GERES GERESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, LPA La Plagne, YKA Yellowknife, PDAR Pinedale Array, PLCA Paso Flores.

IDC 28 13:45:29.4, 1.1, 8.13N:93.67E, mB4.1/9, mB1.4/3/10, mB1mx4.1/19, mBtpm4.1/10, ML4.0/1, Error ellipse: s-maj=46.5km s-min=26.0km az=53.0

NEIC 28 13:45:34.2, 0.5, 8.24N:93.85E, h30km, mB4.5/7, Error ellipse: s-maj=19.3km s-min=12.8km az=70.0

IDC 28 13:45:40.9, 8.24N:93.7E, 0.2, h30km, n23, az=68/20, mB4.2/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, GERES GERESS Array B, CMAR Chiang Mai Arr, SONM Songino Array, ZAL Zalesovo, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Borovoye Array, CHKZ Chkalovo, ASAR Alice Springs, ASAR Malin Array B, KMBO Klitima Mbovo, BRTR Keskin Array B, AKASO Malin Array B, LSZ Lusaka, JOF Joensuu, FINES Finess Array B, KAF Kangasniemi, LBTB Lobatse, KEV Kevo, ARCES ARCES Array B, GERES GERESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, LPA La Plagne, YKA Yellowknife, PDAR Pinedale Array, PLCA Paso Flores.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like HYB, KMI, KJI, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various codes. Includes stations like MAW, MOX, NOA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GKN, KOLN, BHPL, etc.

28d 15h

M55/514 Error ellipse: s-maj=14.3km s-min=6.7km

az=102.8

ISC 28 15:46:45.7±0.2, 1.01S±0.04, 81.20W±0.02, h19km,

h19km±1.0km, pP-P, n411, eP/07300, mb5.3/104, M55.5/128,

13C-3D, Off coast of Ecuador

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

2005 JAN

Table with columns: WMOK, Wichta Moun, 39.19 337 eP, 15 54 14.7 +0.2. Lists seismic events with station names, magnitudes, and arrival times.

1098

Table with columns: MNV, Mina, 51.93 323 eP, 15 55 56.0 +0.3. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBTT, LBTT, KEV, ARCES, MORC, BOS, BRG, GERS, IMA, ILAR, PDAR, TXAR, PLCA, SYO, ESDC, IMA, ILAR, PDAR, TXAR, PLCA.

IDC 28 16:02:32.2, 1.8, 7.67N-93.83E, mb4.3/7, mb1 4.4/8, mb1mx4.1/17, mbtmp4.2/8, ML3.6/1, Error ellipse: s-maj=47.8km s-min=46.1km az=159.0

NEIC 28 16:02:36.9, 0.7, 7.68N-93.84E, h30km, mb4.6/2, Error ellipse: s-maj=22.6km s-min=15.7km az=115.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, KURK, ZAL, CHKZ, BRTR, FINES, ARCES, GERS, CLL, NOA, ILAR, NVAR, PDAR, PLCA.

IDC 28 16:09:34.9, 1.1, 7.82N-93.77E, h22km, 5km, mb3.8/8, mb1 3.9/9, mb1mx3.7/18, mbtmp3.9/9, ML4.3/1, Error ellipse: s-maj=41.4km s-min=21.0km az=56.0

NEIC 28 16:09:35.0, 0.6, 7.79N-93.75E, mb4.2/2, Error ellipse: s-maj=19.4km s-min=11.7km az=63.0

IDC 28 16:09:33.2, 0.9, 7.8N-93.1, 93.9E-0.2, h22km, h22km, 5km, mb3.9/9, mb1mx3.7/18, mbtmp3.9/9, ML4.3/1, Error ellipse: s-maj=41.4km s-min=21.0km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, KURK, ZAL, WRA, CHKZ, ASAR, FINES, ARCES, GERS, HFS, PLCA.

IDC 28 16:09:55.6, 0.9, 8.03N-93.84E, mb4.1/15, mb1 4.2/16, mb1mx4.2/21, mbtmp4.1/16, ML3.6/1, Error ellipse: s-maj=35.4km s-min=19.6km az=48.0

NEIC 28 16:10:00.2, 0.4, 8.06N-93.91E, h30km, mb4.3/3, Error ellipse: s-maj=13.5km s-min=9.4km az=60.0

IDC 28 16:09:59.2, 0.7, 8.2N-93.1, 94.0E-0.1, h30km, n25, 0.678/22, mb4.2/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, HYB, SONM, KURK, ZAL, WRA, BVAR, CHKZ, ASAR, KMBO, BRTR, AKASO, IDI, MLR, JOF, FINES, KAF, ARCES, GERS, HFS, NB2, NOA, PDAR, PLCA, PLCA.

IDC 28 16:10:22.7, 2.1, 8.23N-94.87E, mb4.1/5, mb1 4.2/6, mb1mx3.9/17, mbtmp4.0/6, ML4.1/1, Error ellipse: s-maj=89.8km s-min=23.1km az=60.0, Nicobar Islands region

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

IGQ 28 16:13:59.3, 1.035-81.40W, h12km, gkm, mb4.1, 2C-3D, Error ellipse: s-maj=13.4km s-min=8.1km az=155.8, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA, JAMA, IGUA, JU2A, TERY, PINO, ARRY, PISA, ULBA, VCI, TAM, ANTI, COTA, CAYR, CAYA.

IDC 28 16:14:26.2, 1.4, 9.36N-91.79E, mb3.7/3, mb1 3.9/4, mb1mx3.6/17, mbtmp3.7/14, ML3.3/1, Error ellipse: s-maj=57.2km s-min=29.7km az=47.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, ASAR, FINES, GERS.

BUI 28 16:14:49.4, 6.71N, 93.89E, h30km, mb4.7, mb4.7, Ms4.6, Ms4.1

NEIC 28 16:14:58.0, 0.3, 7.65N-94.16E, h30km, mb4.6/11, Error ellipse: s-maj=10.1km s-min=7.1km az=60.0

IDC 28 16:14:59.6, 4.7, 6.4N-94.07E, h30km, 51km, mb4.0/20, mb1 4.1/21, mb1mx4.1/24, mbtmp4.2/21, ML4.6/1, MS4.9/1, Ms1 4.9/1, ms1mx3.3/23, Error ellipse: s-maj=32.2km s-min=13.2km az=51.0

IDC 28 16:14:58.3, 1.7, 6.3N-90.07, 94.17E-0.07, h42km, 15km, n63, 0.094/61, mb4.4/34, MSS.0/1, 2C, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNG, CM3I, CMAR, CHG, NANT, VIS, BWNR, BWNH, BYNR, HYB, KMI, KMI, JIRI, PUL, DMN, KKN, LSA, LSA, GKN, BHPL, BHPL, KOLN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like POO, NDI, DDI, LZH, LZH, LZH, LZH, SONM, SONM, KURK, NWAO, ZAL, WRA, WRAB, WB2, BVAR, BVAR, CHKZ, CHKZ, ASAR, ASAR, ASAR, FORT, GNI, KMBO, KIV, ASF, STKA, STKA, STKA, BRTR, AKASO, IDI, LSZ, MLR, JOF, FINES, KAF, LBTT, KEV, ARCES, BRG, GERS, KHC, CLL, HFS, NB2, NOA, NOA, ILAR, PDAR, PLCA.

IDC 28 16:20:35.8, 1.0, 8.47N-93.89E, mb3.8/10, mb1 3.9/11, mb1mx3.8/18, mbtmp3.7/11, ML3.5/1, Error ellipse: s-maj=35.6km s-min=22.1km az=49.0

NEIC 28 16:20:40.5, 0.6, 8.40N-93.87E, h30km, mb4.0/1, Error ellipse: s-maj=16.9km s-min=13.5km az=70.0

IDC 28 16:20:39.7, 5.8, 8.5N-102.9, 93.9E-0.2, h40km, n12, 0.078/12, mb3.8/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, KURK, ZAL, WRA, ASAR, KMBO, BRTR, AKASO, ARCES, GERS.

IDC 28 16:21:55.0, 1.6, 6.47N-93.88E, mb3.6/4, mb1 3.9/5, mb1mx3.6/17, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=63.3km s-min=24.0km az=56.0, Nicobar Islands region

IDC 28 16:21:55.0, 1.6, 6.47N-93.88E, mb3.6/4, mb1 3.9/5, mb1mx3.6/17, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=63.3km s-min=24.0km az=56.0, Nicobar Islands region

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

IGQ 28 16:22:44.0, 1.05S-81.30W, h8km, 4km, mb4.1, 3D, Error ellipse: s-maj=6.6km s-min=4.4km az=14.1, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA, JAMA, IGUA, PINO, NASI, ARRY, YANA, PISA, ULBA, VCI, TAMBO.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, etc.

GRAL 28 17:09:57.9-0.4, 36.53N x 33.98E, MD3.6
NIC 28 17:09:59.0-0.4, 36.46N x 34.25E, h76km, mb4.0, ML3.6, MW3.2

CSEM 28 17:09:59.1-0.1, 36.67N x 34.25E, h30km MD3.4, Error ellipse: s-maj=3.0km s-min=2.4km az=148.0
ISK 28 17:09:59.4, 36.56N x 34.27E, h43km, MD3.4
ISC 28 17:09:59.0-0.6, 36.52N x 0.03-34.19E, 0.04, h10km, 4km, n25, c094/38, 4C, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like MEST Erdemli, CEYT Ceyhan, HDMB Hadim, etc.

ISC 28 17:13:02.0-1.1, 7.59N-93.80E, mb3.8/7, mb1 4.0/8, mb1mx3.9/7, mbtmp3.8/8, ML4.0/1, Error ellipse: s-maj=42.9km s-min=21.5km az=53.0
NEIC 28 17:13:06.6-0.7, 7.57N-93.81E, h30km, mb4.2/2, Error ellipse: s-maj=20.2km s-min=12.5km az=64.0

ISC 28 17:13:04.8-0.9, 7.6N-101.93E, 0.2, h30km, n10, c0883/10, mb3.9/9, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

ISC 28 17:14:04.8-2.8, 35.66N-137.63E, h196km, 27km, mb3.6/10, mb1 3.8/12, mb1mx3.6/26, mbtmp4.2/12, MS3.1/1, Ms1 3.1/1, ms1mx3.0/32, Error ellipse: s-maj=29.8km s-min=11.2km az=95.0

JMA 28 17:14:09.8-0.1, 35.77N-137.66E, h244km, 1km, M3.7
NEIC 28 17:14:09.4-0.6, 35.73N-137.63E, h243km, 6km, mb4.0/3, Error ellipse: s-maj=20.1km s-min=10.1km az=93.0

ISC 28 17:14:08.7-0.3, 35.76N-137.63E, 0.07, h252km, 2km, n37, c073/46, mb3.7/11, 10C-4D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like JGF Kuroka, JGM Miyama, JGM Shimoda, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like JWT Wachi, JWG Hegura jima, JWD Kouya, etc.

ISC 28 17:16:03.0-0.8, 7.67N-94.14E, mb4.0/15, mb1 4.2/16, mb1mx4.1/21, mbtmp4.0/16, ML3.6/1, Error ellipse: s-maj=35.7km s-min=19.1km az=46.0
NEIC 28 17:16:08.3-0.5, 7.69N-94.16E, h30km, mb4.3/2, Error ellipse: s-maj=17.7km s-min=12.4km az=61.0

ISC 28 17:16:03.4-0.7, 7.7N-101.94E, 0.1, h10km, n29, c0586/27, mb4.1/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PML Pulchoki, etc.

ISC 28 17:16:25.2-0.6, 7.69N-94.04E, mb4.4/26, mb1 4.5/27, mb1mx4.5/29, mbtmp4.4/27, ML4.6/1, MS4.5/1, Ms1 4.5/1, ms1mx3.2/23, Error ellipse: s-maj=26.3km s-min=12.7km az=46.0
MOS 28 17:16:28.8-1.4, 7.80N-94.12E, h33km, mb4.8/46, MS4.7/7, Error ellipse: s-maj=11.0km s-min=6.3km az=104.7

BUI 28 17:16:29.3, 7.63N-93.98E, h42km, mb5.3, mb4.7, Ms5.0, Ms2.4

NEIC 28 17:16:30.1-0.3, 7.79N-94.12E, h30km, mb4.7/30, Error ellipse: s-maj=9.4km s-min=8.4km az=47.0
ISC 28 17:16:28.7-0.3, 7.77N-101.05E, 94.13E, 0.05, h33km, (h40km, 5, km, p-P), n154, c1827/161, mb4.6/61, MS4.7/9, 2C-4D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like CMAR Chiang Mai Arr, VIS Vishakhapatnam, KOD Kodaikanal, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KMI Kunming, KMI Goa, GOA Goa, etc.

ISC 28 17:22:05.0-0.6, 26.21N-81.31E, h22.36km, 1.1km, MS4.5/1, Ms1 2.3/1, ms1mx3.0/32, Error ellipse: s-maj=29.8km s-min=11.2km az=95.0

ISC 28 17:22:05.0-0.6, 26.21N-81.31E, h22.36km, 1.1km, MS4.5/1, Ms1 2.3/1, ms1mx3.0/32, Error ellipse: s-maj=29.8km s-min=11.2km az=95.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like NDI New Delhi, ENH Enshi, DDI Dehra Dun, etc.

28d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h2km, m2, 1km, p-P, n192, c1818, 186, mb4.8/72, MS4.8/21, 1106

2005 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h2km, m2, 1km, p-P, n192, c1818, 186, mb4.8/72, MS4.8/21, 1106

1106

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h2km, m2, 1km, p-P, n192, c1818, 186, mb4.8/72, MS4.8/21, 1106

Table of astronomical observations for 2005 JAN, 28d 17h. Columns include station code, name, coordinates, and observation details.

Table of astronomical observations for 2005 JAN, 28d 17h. Columns include station code, name, coordinates, and observation details.

Table of astronomical observations for 2005 JAN, 28d 17h. Columns include station code, name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Motta San Giov, Mongiuffi-Meli, GRI, SOI, MNO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Canovanas, Colonia Sabana, MTP, etc.

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

IDC 28 17:59:40.9, 1.1, 7.58N-93.88E, mb3.8/10, mb1 3.9/11, mb1mx3.8/19, mbtmp3.7/11, ML3.6/1, Error ellipse: s-maj=42.1km s-min=20.8km az=53.0

NEIC 28 17:59:45.0, 6.7, 6.6N-93.96E, h30km, mb4.3/4, Error ellipse: s-maj=16.5km s-min=10.7km az=61.0

ISC 28 17:59:43.7, 0.8, 7.7N-0.1, 1.94, 0E-0.2, h30km, n15, o=658/15, mb3.9/14, Nicobar Islands region

ATH 28 18:11:47.3, 38.60N-23.62E, h21km, 2km, MD3.3/10, ML3.3

THE 28 18:11:49.3, 38.63N-23.63E, h15km, ML3.0

CSEM 28 18:11:49.3, 38.63N-23.63E, h15km, ML3.0, After The ISC 28 18:11:47.2, 0.5, 38.55N-0.03, 23.71E-0.06, h19km, 7km, n22, o=812/27, Greece

IDC 28 18:16:08.0, 5.0, 8.790N-94.05E, h18km, 2km, mb3.9/13, mb1 4.0/13, mb1mx4.0/17, mbtmp4.0/13, ML3.9/1, MS4.0/8, MS1 4.0/8, ms1mx3.7/22, Error ellipse: s-maj=26.3km s-min=18.0km az=42.0

NEIC 28 18:16:08.4, 0.4, 7.89N-94.09E, mb4.7/16, Error ellipse: s-maj=11.1km s-min=8.2km az=61.0

MOS 28 18:16:10.8, 3.3, 8.04N-94.33E, h33km, mb4.9/19, Error ellipse: s-maj=13.6km s-min=6.8km az=112.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, LSA, SONM, KURK, ZAL, WRA, BVAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOGA, BLA, ELN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CM31, CMAR, CMAR, VIS, IMP, etc.

IDC 28 18:04:25.1, 2.1, 32.00S-177.08W, mb4.3/4, mb1 4.3/5, mb1mx4.1/14, mbtmp4.2/5, ML3.6/1, Error ellipse: s-maj=54.9km s-min=30.7km az=132.0

ISC 28 18:04:25.1, 4.8, 32.1S-0.2, 177.2W, 0.7, h10km, n14, o=150/12, mb4.2/4, ID, South of Kermadec Islands

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

MPAR Parnis Oros 0.40 177 ePB Pb 18 11 56.5 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTL, LOK, ATH, etc.

WRA Warramunga Arr 46.55 123 P P 18 22 40.0 -1.9

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

28d 18h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KMBO, KMBG, KMBP, etc.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like La Plagne, ESKADAMA, etc.

1122

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JIRN, PKI, DMN, etc.

28d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, WRAB Tennant Creek, WRA Warramunga Arr, etc.

PRU 28 19:14:26.1, 50.07N-18.36E
WAR 28 19:14:25.0, 50.06N-18.42E, h0km, ML2.4, 2C, Mining

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, OJC Ojcow, etc.

IDC 28 19:16:35.7, 0.7, 7.68N-93.97E, mb3.9/11, mb1 4.1/12, mb1mx4.0/20, mbmp3.9/12, ML4.3/1, Error ellipse: s-maj=28.1km s-min=18.2km az=53.0

NEIC 28 19:16:40.0, 0.4, 7.66N-93.98E, h30km, mb4.4/5, Error ellipse: s-maj=12.1km s-min=8.5km az=64.0

ISC 28 19:16:38.5, 0.6, 7.7, 11.12N-0.1, 94.0E-0.1, h33km, n21, a0557/19, mb4.1/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, LSA Lhasa, SONM Songino Array, etc.

BJI 28 19:18:50.9, 7.74N-93.67E, h38km, mb5.6, mb5.0, Ms5.6, Ms2.3

MOS 28 19:18:51.8, 1.0, 7.97N-94.10E, h33km, mb5.4/57, MS5.0/36, Error ellipse: s-maj=8.8km s-min=5.1km az=108.1

HRVD 28 19:18:51.0, 0.2, 7.86N-94.20E, h12km, MW5.4/64, Centroid moment Tensor Solution. LP body waves: s46c76; Mantle waves: s64c125; Half duration: 1s3

Moment tensor: Scale 1071Nm; Mr=0.48±0.3; Mw=1.20±0.3; Mw=1.68±0.3; Mw=0.57±0.7; Mw=0.29±0.3; Mw=0.39±0.7; Best double couple: Mo1.66x10^21 Np1: oxs=143; b61; l=1601; Plg12; Azm98; N=281; Plg50; Azm208; P=1.519; Plg28; nsta1 refers to body waves; cutoff=40s; nsta2 refers to surface waves; cutoff=50s

NEIC 28 19:18:51.5, 0.2, 7.99N-94.11E, mb5.5/57, MS5.0/22 Error ellipse: s-maj=5.6km s-min=4.5km az=55.0

IDC 28 19:18:55.3, 2.8, 8.02N-94.17E, h50km, mb4.5/30, Mb1 4.6/31, mb1mx4.5/32, mbtmp4.7/31, ML5.1/1, MS5.0/21, Ms1 5.0/21, ms1mx5.0/23, Error ellipse: s-maj=18.2km s-min=9.5km az=48.0, Putative timing error at LP AZ

ISC 28 19:18:49.8, 1.0, 7.93N-0.03, 94.18E-0.03, h19km, mb6km, h20km, gkm, p-P, n334, e122/332, mb5.1/101, MS5.1/63, 16C-16D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, NNT Nongplab, NST Nakhon Sawan, etc.

2005 JAN

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, DAV Davao City (W), WMO Wadi Bani Khal, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like HIA, ZAL, NVS, MDJ, WRA, WRAB, BVAR, RAYN, MAJO, MAT, CHKZ, ASPA, ASAR, FORT, KLR, CLNS, GNI, ASAJ, SVE, PMG, and ARU.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ARU, YSS, ERZM, KIV, KMBO, ELZG, ASF, CTA, CTAO, MALT, SOKR, GZT, SOC, EIL, KAHT, YAK, STKA, ANN, BOYT, VRSR, BTRT, BALT, and SIM.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SIM, MBAR, MBAR, MOS, OBIN, ULDT, MA2, TIXI, CNB, AKASG, IDEY, SEY, MNR, MLR, LSZ, MNK, PUL, JOF, VAY, BOLS, SKO, KWP, SUW, FINES, CRVS, KAF, NIE, PSZ, OJC, LBTB, LBTB, LBTB, VYHS, KEV, OKC, CASY, ARCES, and TIP.

Table with columns: MORC, Moravsky Berou, 75.36 319, eP, P, 19 30 33.0 -0.9, 19 30 39.2 -0.7, etc.

Table with columns: LPGA, La Plagne, 82.60 315, eP, P, 19 31 12.8 -0.4, 19 31 13.3 -0.4, etc.

Table with columns: IDC 28 19:38:48.0, 6.0, 7.66N-94.07E, mb4.3/19, mb1 4.5/20, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NVS, WRA, WRAB, WRAP, etc.

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

CASC 28 20:40:48.2 ± 1.5, 12.15N x 87.79W, h23km, 4km, MD3.6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LEON, TEL3, TELN, etc.

BUI 28 20:41:52.6, 7.18N x 93.62E, h27km, mB5.1, mb4.7, Ms4.7, Ms2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NNT, CM31, CMAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KMI, MNGI, JIRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MORC Moravsky Berou, GERES GERES Array B, KHC Kasperke Hory, etc.

IGQ 28 21:14.44.0, 1.03S, 81.33W, h4km, 1.0km, mb4.1, 3D, Error ellipse: s-maj=10.8km s-min=9.2km az=145.6, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HOJA Cerro de Hojas, IGUA Iguaita, TERV Terraza Guagua, etc.

NEIC 28 21:13.56.3, 0.5, 7.71N-93.92E, h30km, mb4.2/4, Error ellipse: s-maj=16.3km s-min=10.6km az=64.0

IGQ 28 21:13.58.9, 5.6, 7.75N-94.01E, h49km, 53km, mb3.6/9, mb1 3.8/10, mb1mx3.7/19, mbtmp3.9/10, ML4.3/7.1, Error ellipse: s-maj=40.3km s-min=22.2km az=56.0

IGQ 28 21:13.54.7, 0.7, 7.67N, 0.10, 94.0E, 0.1, h30km, n22, r=101/21, mb4.1/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

BUI 28 21:20.05.8, 9.54N, 92.76E, h30km, mb4.3, mb4.6

NEIC 28 21:20.14.7, 0.5, 10.30N-92.66E, h30km, mb4.5/3, Error ellipse: s-maj=11.5km s-min=9.4km az=69.0

IGQ 28 21:20.19.0, 7.4, 10.47N-92.87E, h62km, 62km, mb3.8/11, mb1 4.0/12, mb1mx3.8/20, mbtmp4.1/12, ML4.4/1, Error ellipse: s-maj=56.7km s-min=17.9km az=55.0

IGQ 28 21:20.12.9, 0.7, 10.33N, 0.09, 92.7E, 0.1, h30km, n19, r=65/17, mb4.1/13, 1C, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

mb1 3.7/6, mb1mx3.5/19, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=221.0km s-min=88.0km az=147.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IGQ 28 21:21:58.5, 2.4, 4.88S, 101.75E, mb3.8/7, mb1 4.0/7, mb1mx3.8/16, mbtmp3.8/7, Error ellipse: s-maj=108.1km s-min=18.1km az=56.0

IGQ 28 21:22:01.0, 2.4, 5.05S, 104.16E, 0.6, h33km, n7, r=06/97, mb4.0/7, Southern Sumatra

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

NEIC 28 21:22:13.3, 0.7, 7.81N-93.81E, h30km, mb4.2/1, Error ellipse: s-maj=16.7km s-min=13.1km az=154.0

IGQ 28 21:22:17.3, 1.1, 0.7, 93N-93.90E, h61km, 81km, mb3.7/7, mb1 3.9/8, mb1mx3.6/20, mbtmp4.0/8, ML4.1/1, Error ellipse: s-maj=83.2km s-min=57.5km az=18.0

IGQ 28 21:22:11.4, 4.9, 7.9N, 0.2, 93.8E, 0.1, h29km, 35km, n14, r=05/102, mb4.0/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, SONM Songoing Array, etc.

IGQ 28 21:27:33.7, 1.10S, 81.31W, h12km, 4km, mb4.4, 1C-1D, Error ellipse: s-maj=7.4km s-min=5.0km az=21.2, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, JAMA Jama, etc.

IGQ 28 21:30.3, 8.1, 1.7, 74N-94.43E, mb4.1/12, mb1 4.1/12, mb1mx3.4/12, mbtmp4.1/12, Error ellipse: s-maj=34.4km s-min=25.9km az=53.0

NEIC 28 21:30:35.0, 7.7, 7.77N-94.47E, h30km, mb4.4/3, Error ellipse: s-maj=21.0km s-min=14.6km az=57.0

IGQ 28 21:30.34, 2.0, 7.9N, 0.1, 94.4E, 0.1, h30km, n28, r=101/27, mb4.3/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HYB Hyderabad, JIRN Jiri, PKI Pulchoki, etc.

HFS Hagfors 78.59 330 P P 21 42 36.8 +2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HFS Hagfors, NB2 NORARS Subarra, NOA NORARS Array B, etc.

IGQ 28 21:35:26.5, 2.7, 8.03N-94.40E, mb3.7/6, mb1 3.7/7, mb1mx3.6/20, mbtmp3.6/7, MS3.6/1, MS1 3.6/1, ms1mx3.1/21, Error ellipse: s-maj=76.7km s-min=31.0km az=126.0

IGQ 28 21:35:30.0, 5.0, 8.1N, 0.7, 94.5E, 0.7, h33km, n9, r=01/07, mb3.7/6, MS3.5/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, JOW Kiangim, SONM Songoing Array, etc.

IGQ 28 21:36:24.3, 2.6, 7.32N-93.59E, mb3.9/4, mb1 4.1/4, mb1mx3.7/17, mbtmp3.9/4, Error ellipse: s-maj=148.5km s-min=24.7km az=55.0, Nicobar Islands region

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

IGQ 28 21:40:11.3, 1.2, 7.72N-93.77E, mb4.0/13, mb1 4.1/14, mb1mx4.1/23, mbtmp4.0/14, ML4.0/1, Error ellipse: s-maj=34.4km s-min=27.9km az=44.0

BUI 28 21:40:15.9, 7.70N-93.80E, h30km, mb4.3

NEIC 28 21:40:16.0, 0.6, 7.74N-93.77E, h30km, mb4.4/5, Error ellipse: s-maj=16.3km s-min=11.8km az=66.0

IGQ 28 21:40:13.9, 0.7, 7.7N, 0.1, 93.9E, 0.1, h30km, n30, r=09/29, mb4.2/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, KMI Kunming, JIRN Jiri, etc.

IGQ 28 21:40:56.4, 2.9, 7.87N-93.25E, mb4.1/12, mb1 4.2/12, mb1mx4.0/22, mbtmp4.1/12, MS3.6/1, MS1 3.6/1, ms1mx2.4/25, Error ellipse: s-maj=80.2km s-min=50.1km az=122.0

NEIC 28 21:41:00.7, 1.5, 7.87N-93.32E, h30km, mb4.3/2, Error ellipse: s-maj=48.0km s-min=29.2km az=104.0

IGQ 28 21:41:07.2, 3.9, 9.0N, 0.5, 92.5E, 0.5, h30km, n16, r=08/01/14, mb4.1/13, MS3.6/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like GERES GERES Array B, HFS Hagfors, NB2 NORARS Subarra, etc.

28d 22h

Table with columns for station name, frequency, power, and signal quality. Includes stations like MA2 Magadan, KDAG Borovna, CNB Canberra Magne, etc.

2005 JAN

Table with columns for station name, frequency, power, and signal quality. Includes stations like BRG BRG, GEC2 GERESS Array S, GEC2 GERESS Array B, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like BNI Bardonecchia, HAU Haudrompre, HAU Haudrompre, etc.

Table with columns: NOA, NORSAR Array, Time, Res, etc. Includes stations like NORSAR Array B, DAVOX Davos, KONO Kongsberg, etc.

IDC 28:23:47.2.8.2.6.2.65Sx175.98W, mb4.1/8, mb1 4/4/8, mb1mx4.3/15, mbtmp4.1/8, Error ellipse: s-maj=150.4km s-min=22.0km az=160.0

NEIC 28:23:47.45.0.5.2.4.35Sx176.14W, h10km, mb4.6/4, Error ellipse: s-maj=26.9km s-min=11.0km az=153.0

ISC 28:23:47.43.7.2.176.2W, 0.1, h10km, n19, c076/17, mb4.2/12.1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like RAR Rarotonga, CTA Charaters Tower, ASAR Alice Springs, etc.

NEIC 28:23:52.17.5.0.6.7.48N-94.31E, h30km, mb4.4/4, Error ellipse: s-maj=19.9km s-min=13.0km az=62.0

IDC 28:23:52.55.0.7.62N-94.45E, h72km, mb3.5/12, mb1 3.6/13, mb1mx3.6/21, mbtmp3.8/13, ML3.9/1, Error ellipse: s-maj=37.1km s-min=18.2km az=54.0

ISC 28:23:52.15.6.0.6.7.5N.0.1.94.4E.0.1, h30km, n21, c1504/21, mb4.0/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CMAR Chiang Mai Arr, HYB Hyderabad, KMI Kunming, etc.

JMA 29:00:01.10.1.0.5.3.388N-142.57E, h62km, M3.7, IDC 29:00:01.14.3.7.2.3.394N-142.42E, h36km, S8km, mb3.7/9, mb1 4.0/10, mb1mx3.8/21, mbtmp4.0/10, ML4.3/1, Error ellipse: s-maj=18.8km s-min=18.8km az=90.0

NEIC 29:00:01.14.3.2.3.391N-142.41E, h38km, mb2.0m, mb4.4/2, Error ellipse: s-maj=19.4km s-min=13.2km az=96.0

ISC 29:00:01.09.6.1.8.33.94N.0.06.142.51E.0.6, h20km, 13km, n28, c1508/38, mb4.0/11, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

Table with columns: ASAR, STKA, FINES, NVAR, AKASG, TXAR, etc. Includes stations like Alice Springs, Stephens Creek, FINES FINES Array, etc.

NEIC 29:00:05.00.4.0.5.7.67N-94.01E, h30km, mb4.2/4, Error ellipse: s-maj=13.9km s-min=9.7km az=86.0

IDC 29:00:05.03.6.9.1.7.76N-94.12E, h52km, mb6.3/8/8, mb1 4.0/9, mb1mx3.7/19, mbtmp4.0/9, ML4.5/1, Error ellipse: s-maj=71.6km s-min=27.1km az=55.0

ISC 29:00:40.60.0.4.6.7.7.0.2.94.2E.0.2, h37km, n25, c0911/23, mb4.2/16, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

IDC 29:00:10.30.4.1.6.8.07N-94.17E, mb4.0/4, mb1 4.2/5, mb1mx3.7/18, mbtmp4.0/5, ML2.4/2, Error ellipse: s-maj=63.2km s-min=29.7km az=55.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, WRA Warramunga Arr, etc.

IDC 29:00:12.24.0.7.8.78N-94.00E, mb4.2/18, mb1 4.3/19, mb1mx3.4/24, mbtmp4.2/19, ML3.5/1, MS3.9/5, MS1 4.0/5, ms1mx3.4/22, Error ellipse: s-maj=33.2km s-min=17.8km az=47.0

BuJ 29:00:12.28.0.7.7.71N-93.84E, h40km, mb5.2, mb4.5, Ms4.3, Ms2.4

NEIC 29:00:12.28.0.3.7.99N-94.42E, h40km, 5/16, Error ellipse: s-maj=9.2km s-min=7.4km az=88.0

ISC 29:00:12.30.0.1.4.8.04N.0.07.94.33E.0.06, h47km, 12km, h15km, 4.0km, pp-P, n67, c093/62, mb4.5/36, MS4.2/5, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SNG Songkhla, NNT Nongplab, CMAR Chiang Mai Arr, etc.

Table with columns: KURK, ZAL, WRA, WRAB, BVAR, BRVK, CHKZ, ASAR, ASAJ, KMBO, etc. Includes stations like Kurchatov, Zalesovo, Warramunga Arr, etc.

BUJ 29:00:16.25.3.7.70N-93.90E, h30km, mb4.3, NEIC 29:00:16.25.4.0.7.65N-93.94E, h30km, mb4.2/5, Error ellipse: s-maj=15.5km s-min=13.2km az=106.0

IDC 29:00:16.28.2.14.0.7.71N-94.00E, h50km, 77km, mb3.8/7, mb1 4.0/8, mb1mx3.6/19, mbtmp4.1/8, ML4.2/1, Error ellipse: s-maj=248.2km s-min=75.3km az=143.0

ISC 29:00:16.23.6.1.0.7.7N.0.1.94.0E.0.1, h30km, n18, c081/18, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

BUJ 29:00:16.25.3.7.70N-93.90E, h30km, mb4.3, NEIC 29:00:16.25.4.0.7.65N-93.94E, h30km, mb4.2/5, Error ellipse: s-maj=15.5km s-min=13.2km az=106.0

IDC 29:00:16.28.2.14.0.7.71N-94.00E, h50km, 77km, mb3.8/7, mb1 4.0/8, mb1mx3.6/19, mbtmp4.1/8, ML4.2/1, Error ellipse: s-maj=248.2km s-min=75.3km az=143.0

ISC 29:00:16.23.6.1.0.7.7N.0.1.94.0E.0.1, h30km, n18, c081/18, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, etc.

BUJ 29:00:26.27.2.7.13S-126.81E, h35km, mb5.2, mb5.0, Ms4.7, Ms2.3

NEIC 29:00:26.29.1.0.3.2.00S-126.64E, mb4.8/15, Error ellipse: s-maj=16.5km s-min=5.6km az=70.0

IDC 29:00:26.30.9.4.0.2.03S-126.67E, h40km, 36km, mb4.3/1/1, mb1 4.5/12, mb1mx3.4/18, mbtmp4.6/12, ML5.1/1, MS3.9/2, MS1 4.0/2, ms1mx3.3/20, Error ellipse: s-maj=37.4km s-min=11.2km az=67.0

ISC 29:00:26.27.1.0.3.2.00S-126.7E.0.1, h26km, h26km, 9km, pp-P, n52, c091/52, mb4.9/29, MS4.0/4, 1C-4D, Ceraan Sea

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

29d 1h

2005 JAN

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like NNT Nongplab, NST Nakhon Sawan, PALK Pallekete, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like LZH Lanzhou, XAN Xi'an, WHN Wuhan, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ULN Ulaanbaatar, ZAK Zakamensk, SNY Shenyang, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like HFS, NB2, NOA, etc.

IDC 29:01:50.18±0.5, 7.75N-94.06E, mb4.6/24, mb1 4.7/25, mb1mx4.7/28, mbtmp4.6/25, ML4.9/1, MS4.9/17, Ms1 4.9/17, ms1mx4.7/24, Error ellipse: s-maj=25.8km s-min=12.3km az=49.0

MOS 29:01:50.21.7±0.2, 7.81N-94.07E, h33km, mb5.2/53, MS5.0/20, Error ellipse: s-maj=9.9km s-min=5.4km az=112.0

BJJ 29:01:50.21.7, 7.49N-93.92E, h50km, mb5.3, mb5.0, Ms5.4, Ms2.2

HRVD 29:01:50.22.9±0.2, 7.77N-94.23E, h21km±1km, MW5.4/64, Centroid moment Tensor Solution. LP body waves: s44,c74; Mantle waves: s64,c123; Half duration: 1s2

NEIC 29:01:50.22.9±0.2, 7.80N-94.10E, h30km, mb5.0/42, MS4.8/4, Error ellipse: s-maj=7.3km s-min=6.0km az=54.0

ISC 29:01:50.20.2±1.4, 7.75N-94.03E, h24km±9km, h28km±1.8km, pP-P, n246, s125/242, mb5.0/84, MS5.0/37, 5C-9D, Nicobar Islands region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and other parameters. Lists numerous stations across the region.

Main station list table (continued) with columns: Station Name, Time, Res, and other parameters. Lists numerous stations across the region.

Main station list table (continued) with columns: Station Name, Time, Res, and other parameters. Lists numerous stations across the region.

29d 1h

Table with columns: Code, Station Name, Az, El, P, Max, Min, etc. Includes stations like VRSR, BRTR, MBAR, etc.

2005 JAN

Table with columns: KHC, RUE, MAW, CLL, etc. Includes stations like KHC, RUE, MAW, CLL, etc.

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Table with columns: TERY, YANA, GGP, etc. Includes stations like TERY, YANA, GGP, etc.

IDC 29 01:56:37.4, 7.8, 0.6N, 94.15E, h15km, 29km, mb4.3/21, mb1.4/22, mb1.4/24, mb1.4/24, mb1.4/24, Mb4.7/1, Error ellipse: s-maj=25.6km s-min=12.6km az=54.0 BUJ 29 01:56:39.3, 8.10N, 94.20E, h30km, mb5.2, mb4.7, Ms5.2, Ms2.0 NEIC 29 01:56:39.4, 0.3, 8.06N, 94.21E, h30km, mb4.6/14, Error ellipse: s-maj=9.2km s-min=6.1km az=51.0 ISC 29 01:56:40.7, 1.7, 7.94N, 0.06, 94.11E, 0.06, h57km, 15km, h10km, 7.8km: p-P, n63, 0.094/62, mb4.5/36, MS4.5/1,

Table with columns: Code, Station Name, Az, El, P, Max, Min, etc. Includes stations like CM31, CMAR, PALK, etc.

29d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTH, VYHS, ARCES, BOS, etc.

IDC 29 02:12:45.71, 2.7, 84N-93.87E, mb4.2/11, mb1 4.3/12, mb1mx4.2/20, mbtmp4.1/12, MS3.1/2, Ms1 3.3/2, ms1mx3.0/27, Error ellipse: s-maj=40.1km s-min=27.8km s-az=52.0

BUI 29 02:12:50.22, 7.90N-94.00E, h30km, h30km, Error ellipse: s-maj=15.4km s-min=11.9km s-az=60.0

ISC 29 02:12:49.07, 7.90N-101.94OE, 0.1, h33km, n21, 0590/19, mb4.2/14, Nicobar Islands region

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

2005 JAN

Table with columns: NB2, NOA, IMA, PDAR, etc. Includes station names and coordinates like NORSAR Subarra, NORSAR Array B, etc.

ATH 29 02:13:26.2, 37.95N-25.74E, h10km, CSEM 29 02:13:32.0, 38.20N-26.73E, h24km, MD2.8, After ISK, ISK 29 02:13:32.0, 38.20N-26.73E, h24km, MD2.8, Aegean Sea

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

IDC 29 02:21:02.72, 1.6, 89N-93.15E, mb3.8/5, mb1 4.1/6, mb1mx3.8/19, mbtmp3.8/6, ML4.4/1, Error ellipse: s-maj=76.1km s-min=21.1km s-az=64.0, Nicobar Islands region

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

IDC 29 02:21:42.3, 17.0, 7.67N-94.36E, mb4.1/6, mb1 4.2/6, mb1mx3.8/18, mbtmp4.1/6, MS3.9/1, Ms1 3.9/1, ms1mx3.0/24, Error ellipse: s-maj=91.7km s-min=100.0km s-az=124.0, Nicobar Islands region

IDC 29 02:22:55.3, 17.0, 7.70N-93.98E, mb4.2/12, mb1 4.3/13, mb1mx4.2/21, mbtmp4.2/13, ML4.2/1, MS3.2/1, Ms1 3.4/1, ms1mx3.2/23, Error ellipse: s-maj=35.7km s-min=26.1km s-az=11.0

NEIC 29 02:22:59.4, 0.5, 7.71N-94.12E, h30km, mb4.6, Error ellipse: s-maj=15.1km s-min=10.4km s-az=54.0

ISC 29 02:22:57.7, 0.7, 7.8N-101.94OE, 0.1, h30km, n26, 05101/26, mb4.2/17, Nicobar Islands region

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

IDC 29 02:27:10.2, 4.15, 45S-35.28E, h22km, 4km, mb3.9/9, mb1 3.9/10, mb1mx3.8/22, mbtmp4.0/10, ML3.6/1, Error ellipse: s-maj=167.9km s-min=37.0km s-az=155.0

NEIC 29 02:27:10.2, 4.15, 45S-35.23E, mb4.0/2, Error ellipse: s-maj=60.09km s-min=10.7km s-az=147.0

ISC 29 02:27:09.2, 1.3, 15.2S-02.35E-1.0, h23km, h23km, 5km, pp-P, n20, 069/19, mb4.0/10, Malawi

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

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Table with columns: BRTR, ESDC, DAVOX, AKASA, AKASG, GERES, GERES, GERES, etc. Includes station names and coordinates like Sonseca Array, etc.

NIED 29 02:29:00, 33.90N-142.00E, h5km, Mw4.3 Best double couple: M3.7x10^15 NP1:phi=134, delta=73, lambda=104, NP2: phi=356, delta=72, lambda=50

JMA 29 02:29:59.5, 0.3, 33.92N-142.04E, h23km, M4.4, MOS 29 02:30:03.7, 0.9, 34.15N-141.71E, h33km, mb4.9/30, Error ellipse: s-maj=12.4km s-min=7.7km s-az=110.4

BUI 29 02:30:04.6, 34.02N-141.49E, h33km, mb5.1, mb4.5, MS4.3, MS2.4

IDC 29 02:30:07.3, 0.4, 33.97N-141.72E, h53km, 3km, mb4.1/22, mb1 4.3/24, mb1mx4.3/27, mbtmp4.4/24, MS3.8/1, Ms1 3.8/1, ms1mx2.8/30, Error ellipse: s-maj=13.0km s-min=6.1km s-az=145.0

NEIC 29 02:30:07.3, 0.2, 34.07N-141.68E, mb4.7/21, MW4.3(NIED), Error ellipse: s-maj=6.5km s-min=6.0km s-az=168.0

ISC 29 02:30:04.3, 0.8, 33.99N-142.04E, 0.05, h42km, 6km, h33km, 6km, pp-P, n142, -1502/152, mb4.5/46, MS4.3/3, 2C-1D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1, BSO2, BSO3, etc.

ASAJ comp=Z, 2.0nm, 0.3s, smax, pmax

ASAJ comp=1.0nm, 0.3s, ASAHAWA 10.13 3 P P 02 32 24.4 -5.6

ASAJ comp=0.2nm, 0.3s, bazz=227, slow=9.6, SNR=10 S S 02 34 15.4 -8.0

YSS comp=N, 60nm, 1.0s, pmax, pmax

YSS comp=Z, 500nm, 18.0s, Yuzh-Sakhalins 12.97 3 eP P 02 33 02.5 -9.9

JOW comp=Z, 61nm, 0.9s, Nanjing 13.64 242 LR LR 02 38 41.1

NJ2 comp=Z, 280nm, 17.5s, MS4.1 AP AP 02 34 38.8

NJ2 comp=Z, 410nm, 5.0s, AP PP 02 34 46.8 +0.8

NJ2 comp=N, 670nm, 17.9s, LR LR 02 37 58.0 -0.2

NJ2 comp=E, 770nm, 20.9s, LR LR 02 37 58.0 -0.2

YAK comp=Z, 550nm, 14.4s, 29.09 348 eP P 02 36 01.5 -1.2

SONM comp=2.2, 1nm, 0.8s, mb3.9, bazz=113, slow=9.4, SNR=15 P P 02 36 11.7 -1.6

BOD comp=2.0, 0.9s, mb4.2, bazz=90, slow=5.3, SNR=15 eP P 02 36 32.6 +0.2

ZAK comp=Z, 34.4km, 32.94 266 eP P 02 36 54.0 +0.2

KMI comp=Z, 9.0nm, 0.7s, mb4.8, MLR MLR 02 37 21.8 -0.5

29d 2h

2005 JAN

Table with columns for station code, name, time, and various numerical values. Includes stations like LANZHOU, NANJING, SHESHAN, TAI AN, etc.

Table with columns for station code, name, time, and various numerical values. Includes stations like ZAKAMENSK, WARRAMUNGA ARR, ALICE SPRINGS, etc.

Table with columns for station code, name, time, and various numerical values. Includes stations like CLNS, ASAJ, MTA, KIMBO, etc.

Table with columns: ILAR, comp-Z, 1.0nm, 0.7s, pmax, pmax, etc. Lists various seismic stations and their parameters.

CSEM 29 02:58:01.4, 0.2, 38.13N:26.28W, h30km, ML2.3, Error ellipse: s-maj=41.8km s-min=3.0km az=36.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like SET4, SET2, etc.

IDC 29 03:08:18.8-8.9, 7.1N-91.60E, mb4.0/3, mb1 4/1, mb1mx3.6/18, mbtmp3.9/4, ML4.2/1, Error ellipse: s-maj=202.4km s-min=52.8km az=150.0, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, ZAL, etc.

IDC 29 03:12:56.5, 1.1, 24.26S:176.21W, mb4.1/7, mb1 4/9, mb1mx4.2/18, mbtmp4.3/9, ML4.7/2, MS3.8/2, M1 3.8/2, ms1mx2.7/29, Error ellipse: s-maj=62.0km s-min=21.7km az=155.0

NEIC 29 03:13:03.7-4.9, 2.4, 40S:176.20W, h57km, mb4.5/5, Error ellipse: s-maj=31.7km s-min=15.6km az=180.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like URZ, RAR, RPZ, etc.

IDC 29 03:21:28.2, 1.5, 7.56N:93.93E, mb3.9/6, mb1 4/1/7, mb1mx3.8/19, mbtmp3.9/7, ML4.3/1, Error ellipse: s-maj=53.2km s-min=27.6km az=58.0

NEIC 29 03:21:32.7, 1.0, 7.60N:93.94E, h30km, mb4.3/1, Error ellipse: s-maj=27.7km s-min=18.8km az=72.0

ISC 29 03:21:31.2, 1.2, 7.71N:92.94E, 0.2, h30km, n9, 0.0668/9, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, SUNK, etc.

NEIC 29 03:22:18.0, 0.5, 7.13N:92.47E, h30km, mb4.5/3, Error ellipse: s-maj=14.1km s-min=9.8km az=219.0

IDC 29 03:22:23.1, 7.4, 7.29N:92.64E, h65km, mb4.3/8/9, mb1 4/1/10, mb1mx3.8/20, mbtmp4.2/10, ML4.6/1, Error ellipse: s-maj=59.9km s-min=16.9km az=47.0

ISC 29 03:22:16.6, 4.7, 1.10N:1.92E, 0.10, h30km, n34km, n19, 0.0586/16, mb4.3/12, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like PALK, CMAR, AAK, etc.

NEIC 29 03:25:40.3, 0.6, 7.75N:93.67E, h30km, mb4.3/3, Error ellipse: s-maj=18.5km s-min=11.0km az=61.0

IDC 29 03:25:43.4, 8.4, 7.89N:93.81E, h51km, 70km, mb3.7/10, mb1 3.9/11, mb1mx3.7/20, mbtmp4.0/11, ML4.2/1, Error ellipse: s-maj=68.1km s-min=18.8km az=55.0

ISC 29 03:25:38.6, 0.8, 7.8N:1.93E, 0.1, h30km, n17, 0.05717/17, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, KMI, AAK, etc.

Table with columns: FINES, ARCES, GERES, HFS, NB2, NOA, etc. Lists seismic stations and their parameters.

IDC 29 03:30:26.8, 0.7, 7.64N:93.92E, mb4.1/4, mb1 4/2/15, mb1mx4.2/21, mbtmp4.1/15, ML4.6/1, Error ellipse: s-maj=35.8km s-min=15.2km az=57.0

BUI 29 03:30:31.6, 7.80N:94.20E, h30km, mb4.7

NEIC 29 03:30:31.6, 0.4, 7.81N:94.17E, h30km, mb4.4/7, Error ellipse: s-maj=19.9km s-min=9.6km az=58.0

ISC 29 03:30:26.0, 0.5, 7.55N:10.08E, 0.1, h10km, n52, 0.15014/40, mb4.3/28, 12, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, PALK, KMI, etc.

IDC 29 03:31:28.2, 1.5, 7.56N:93.93E, mb3.9/6, mb1 4/1/7, mb1mx3.8/19, mbtmp3.9/7, ML4.3/1, Error ellipse: s-maj=53.2km s-min=27.6km az=58.0

NEIC 29 03:31:32.7, 1.0, 7.60N:93.94E, h30km, mb4.3/1, Error ellipse: s-maj=27.7km s-min=18.8km az=72.0

ISC 29 03:31:31.2, 1.2, 7.71N:92.94E, 0.2, h30km, n9, 0.0668/9, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, SUNK, KURK, etc.

NEIC 29 03:22:18.0, 0.5, 7.13N:92.47E, h30km, mb4.5/3, Error ellipse: s-maj=14.1km s-min=9.8km az=219.0

IDC 29 03:22:23.1, 7.4, 7.29N:92.64E, h65km, mb4.3/8/9, mb1 4/1/10, mb1mx3.8/20, mbtmp4.2/10, ML4.6/1, Error ellipse: s-maj=59.9km s-min=16.9km az=47.0

ISC 29 03:22:16.6, 4.7, 1.10N:1.92E, 0.10, h30km, n34km, n19, 0.0586/16, mb4.3/12, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like PALK, CMAR, AAK, etc.

NEIC 29 03:25:40.3, 0.6, 7.75N:93.67E, h30km, mb4.3/3, Error ellipse: s-maj=18.5km s-min=11.0km az=61.0

IDC 29 03:25:43.4, 8.4, 7.89N:93.81E, h51km, 70km, mb3.7/10, mb1 3.9/11, mb1mx3.7/20, mbtmp4.0/11, ML4.2/1, Error ellipse: s-maj=68.1km s-min=18.8km az=55.0

ISC 29 03:25:38.6, 0.8, 7.8N:1.93E, 0.1, h30km, n17, 0.05717/17, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists seismic stations like CMAR, KMI, AAK, etc.

JMA 29 03:34:11.9, 0.3, 33.89N:142.06E, h40km, ML4.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like JRY Ryogami san, JFK Kawauchi, MAJO Matsushiro, etc.

Code Station Name Az El P S Time Res
CMAR Chiang Mai Arr 11.76 23 Pn P 03 42 25.6 -1.4

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZAL Zalesovo, FINES FINESS Array B, GERES GERES Array B, etc.

CSEM 29 03:34:54.4, 37.75N-43.98E, h24km, MD3.6, After ISK
ISK 29 03:34:54.4, 37.75N-43.98E, h24km, MD3.6, Turkey

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HKR Hakkari, VANT Van, VANB Van, etc.

BUI 29 03:37:53.8, 7.33N-93.88E, h16km, MB5.3, mb4.7, Ms5.0, Msz4.7

IDC 29 03:38:00.0, 4.8, 0.89N, 94.27E, h16km, 1km, mb4.6/27, mb1.4/728, mb1mx4.7/30, mbtmp4.6/28, ML4.5/1, MS4.5/1, Ms1.4/5/13, ms1mx4.2/27, Error ellipse: s-maj=18.8km

NEIC 29 03:38:00.0, 9.0, 1.8, 1.1N-94.27E, mb5.4/770, MS4.6/7, Error ellipse: s-maj=5.1km, s-min=3.5km, az=223.0

HRVD 29 03:38:00.0, 0.2, 8.09N-94.25E, h12km, MW5.1/53, Centroid moment tensor Solution. LP body waves: s28,c38; Mantle waves: s53,c102; Half duration: 0

MOS 29 03:38:01.7, 1.0, 8.12N-94.29E, h33km, mb5.3/69, MS4.5/22, Error ellipse: s-maj=10.0km s-min=4.4km az=124.0

CSEM 29 03:38:05.5, 8.53N-93.92E, h33km, mb5.6
ISC 29 03:37:59.3, 0.2, 8.04N-93.94E, 0.03, h17km, h17km, 4km; p-P, n364, r104/360, mb5.2/114, MS4.7/40, 20C-14D, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PBA Port Blair, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KMI Kunming, KMI Kunming, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AAK Ala-Archa, FRU Frum, CHMS Chumysh, etc.

29d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, AAK Ala-Archa, SONM Songoing Array, etc.

IGQ 29:04:14:31.4, 1.09S-81.10W, h10km, 4km, mb4.2, 1C-1D, Error ellipse: s-maj=8.4km s-min=4.2km az=2.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

IGQ 29:04:14:42.5, 0.6, 2.33S-141.91E, mb4.5/8, mb1 4.6/11, mb1mx4.6/14, mbtmp4.5/11, ML4.2/3, MS4.3/1, Ms1 4.3/1, ms1mx2.9/20, Error ellipse: s-maj=29.0km s-min=15.0km az=77.0

NEIC 29:04:14:46.5, 3.7, 2.40S-141.78E, h26km, 26km, mb4.5/10, Error ellipse: s-maj=11.4km s-min=9.5km az=52.0

ISC 29:04:14:42.5, 0.5, 2.39S-0.05, 141.74E, 0.08, h10km, n32, 0574/29, mb4.4/15, MS4.2/1, 1D, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, KAKA Kakadu, CTM Charters Tower, etc.

IGQ 29:04:24:10.3, 1.08S-81.12W, h13km, 5km, mb4.3, 7C-6D, Error ellipse: s-maj=7.6km s-min=4.6km az=0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

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Table with columns: YANA Yana, PISA Pisayambo, VC1 Cotopaxi 1, TAMB Tambo, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe. Includes time and res values.

ATH 29:04:38:49.0, 38.96N-21.85E, h13km, 2km, MD3.1/3, THE 29:04:38:51.6, 39.09N-21.92E, h7km, ML2.7, CSF 29:04:39:51.9, 39.05N-21.92E, h7km, ML2.7, After THE 29:04:38:49.0, 38.96N-21.85E, 0.06, h8km, 7km, n14, 0583/18, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EVR Evrytania, AGG Agios Georgios, LKR Lokris, RLS Riolos of Patr, etc.

IGQ 29:04:44:29.8, 1.7, 49.00S-125.21E, mb4.0/5, mb1 4.2/6, mb1mx4.1/12, mbtmp4.1/6, ML2.5/1, MS3.9/4, Ms1 3.9/4, ms1mx3.3/20, Error ellipse: s-maj=61.3km s-min=23.5km az=93.0

NEIC 29:04:44:31.6, 1.1, 49.03S-125.51E, h10km, mb4.0/1, Error ellipse: s-maj=22.4km s-min=16.3km az=70.0

ISC 29:04:44:29.6, 1.2, 49.0S-0.1, 125.5E, 0.2, h10km, n12, 0577/10, mb3.8/4, MS3.8/4, 1D, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TAU Tasmania Univ, NWAO Nargoin (SRO), STKA Stephens Creek, etc.

IGQ 29:04:46:39.5, 1.4, 7.94N-93.80E, mb3.8/6, mb1 4.0/7, mb1mx3.8/17, mbtmp3.8/7, ML4.2/1, Error ellipse: s-maj=44.0km s-min=29.4km az=55.0

NEIC 29:04:46:43.4, 0.8, 7.91N-93.83E, h30km, mb4.0/2, Error ellipse: s-maj=23.0km s-min=14.7km az=62.0

ISC 29:04:46:41.0, 0.9, 8.0N-0.1, 93.9E, 0.2, h30km, n11, 0592/11, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ULN Ulanbator, etc.

IGQ 29:04:49:54.8, 0.8, 7.59N-93.86E, mb3.9/12, mb1 4.1/13, mb1mx4.0/17, mbtmp3.9/13, ML4.5/1, Error ellipse: s-maj=34.7km s-min=18.7km az=51.0

NEIC 29:04:49:59.0, 0.4, 7.64N-93.87E, h30km, mb4.5/5, Error ellipse: s-maj=16.0km s-min=9.5km az=58.0

ISC 29:04:49:54.5, 0.7, 8.12N-0.1, 93.9E, 0.1, h10km, n32, 0566/28, mb4.3/22, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, JIRI Jiri, PKI Pulchoki, DMN Daman, etc.

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Table with columns: GERES GERES Array B, NOA NORSTAR Subarra, NOB NORSTAR Array B, NOA NORSTAR Array B, ILAR Eielson Array, DBIC Dimboko, NVAR Minn Array Bay, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Santo Domingo. Includes time and res values.

IDC 29:04:58:36.0, 2.9, 7.82N-93.87E, mb3.6/3, mb1 3.8/4, mb1mx3.6/4, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=95.8km s-min=29.1km az=71.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, ASAR Alice Springs.

IDC 29:05:04:15.7, 0.6, 8.03N-94.48E, mb4.2/14, mb1 4.4/15, mb1mx4.3/20, mbtmp4.2/15, ML4.3/1, MS3.8/1, Ms1 4.0/1, ms1mx2.8/27, Error ellipse: s-maj=28.7km s-min=15.5km az=55.0

BUI 29:05:04:20.7, 7.7, 85N-93.87E, h56km, mb4.7, mb4.6, Ms4.6, MS4.2

NEIC 29:05:04:21.7, 1.7, 8.02N-94.41E, h36km, 14km, mb4.7/20, Error ellipse: s-maj=12.6km s-min=11.0km az=92.0

ISC 29:05:04:19.8, 0.2, 8.02N-0.06, 94.39E, 0.07, h33km, n66, 0584/59, mb4.6/38, MS4.5/2, 1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, PALK Pallekele, VIS Vishakhapatnam, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Malin Array Be, JOF Joensuu, FINES FINESS Array B, etc.

ADC 29 05:26:43.0, 4.0, 8.05N, 94.11E, mb4.6/25, mb1 4.8/26, mb1mx4.7/28, mbimp4.6/26, ML4.5/1, MS4.8/11, Mst1 4.8/11, ms1mx4.3/29, Error ellipse: s-maj=23.4km s-min=10.6km az=47.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NNT Nongplab, MST Nakhon Sawan, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BOM New Delhi, DDI Dehra Dun, SNPH Sibulan, etc.

ADC 29 05:26:43.0, 4.0, 8.05N, 94.11E, mb4.6/25, mb1 4.8/26, mb1mx4.7/28, mbimp4.6/26, ML4.5/1, MS4.8/11, Mst1 4.8/11, ms1mx4.3/29, Error ellipse: s-maj=23.4km s-min=10.6km az=47.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NJ2 NJ2, BJI Beijing, WMO Urumqi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KLBK Kellerberrin, NWAO Narrogin (SRO), NWAO Narrogin (SRO), etc.

ADC 29 05:26:43.0, 4.0, 8.05N, 94.11E, mb4.6/25, mb1 4.8/26, mb1mx4.7/28, mbimp4.6/26, ML4.5/1, MS4.8/11, Mst1 4.8/11, ms1mx4.3/29, Error ellipse: s-maj=23.4km s-min=10.6km az=47.0

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

29d 5h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=3.0, etc.). Includes stations like GOF, ASAF, ASF, CTA, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SUW, FINES, CRVS, KAF, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like BNI, PLDF, AGO, etc.

IDC 29 05:42:56.8-3.2, 13.34N:92.11E, mb3.6/3, mb1 3.8/4, mb1mx3.5/18, mbtmp3.5/4, ML 0.71, Error ellipse: s-maj=84.4km s-min=29.6km az=83.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res. Includes stations like CMAR, SONN, WRA, ASAR.

BUI 29 05:44:11.6, 13.10N:92.93E, h31km, mb5.4, mb5.2, Ms5.1, Msz4.9

IDC 29 05:44:11.1-1.9, 13.13N:93.09E, h10km, 10km, mb5.2/8, mb1 5.2/29, mb1mx5.2/30, mbtmp5.2/29, ML 0.5/1, MS4.8/8, Ms1 4.8/8, ms1mx4.2/31, Error ellipse: s-maj=15.6km s-min=10.0km az=49.0

MOS 29 05:44:13.0-0.9, 13.26N:92.93E, h33km, mb5.8/92, MS4.8/20, Error ellipse: s-maj=7.3km s-min=3.8km az=123.6

HRVD 29 05:44:13.9-0.3, 13.18N:93.07E, h21km, MW5.2/57, Centroid moment Tensor Solution. LP body waves: s34,c54,Mantle waves: s57,c95; Half duration: 150 Moment tensor: Scale 10^16Nm; Mw:5.80±.30; Mw0-0.91±.20; Mw0-4.8±.21; Mw1.68±.37; Mw0.4±.4±.15; Mw0.3±.7±.39; Best double couple: Mb8.407x10^16 NPT; phi=118°, theta=144°, NP2=phi353°, delta1=125°. Principal axes: B:2.24, P1g58°, Azm314°; N:37, P1g30°, Azm155°; P:8.99, P1g9°, Azm58°, nsta1 refers to body waves, cutoff=50; Alice Spring: 54.98±2.0, h33km, mb5.5/130, NEIC 29 05:44:13.9-0.1, 13.10N:93.00E, h30km, mb5.5/130, MS4.8/11 Error ellipse: s-maj=4.1km s-min=3.1km az=209.0

CSEM 29 05:44:16.0, 13.65N:92.77E, h33km, mb5.6

ISC 29 05:44:11.2±0.2, 13.14N:0.03-93.00E, h23km, h23km±1.7km, p-P, n596, s190/585, mb5.5/187, MS4.9/35, 135C-23D, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res. Includes stations like PBA, NNT, NST, CMAR, CHG, NANT, BWNR, VIS.

29d 6h

Table with columns for flight codes (e.g., COCO, CM31, CMAR), destinations (e.g., West Island, Chiang Mai Arr, Chiang Mai Arr), times, and status indicators (e.g., eP, P, LR).

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Table with columns for flight codes (e.g., Lanzhou, Nanjing, Fuzhou), destinations (e.g., Lanzhou, Nanjing, Fuzhou), times, and status indicators (e.g., P, S, M, LR).

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Table with columns for flight codes (e.g., SNY, SNY, SNY), destinations (e.g., Alice Springs, Alice Springs, Alice Springs), times, and status indicators (e.g., P, S, M, LR).

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTAO, KMBO, STKA, GNI, ARU, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GRI, OKC, MORC, MORC, etc.

Table of station data for the left column, including station names like Grafenberg Arr, Gusciola, Bormio, etc., and their associated codes and times.

Table of station data for the middle column, including station names like Scott Base, La Frestale, La Fruitiere, etc., and their associated codes and times.

Table of station data for the right column, including station names like IDC 29 06:15:14.7, NEIC 29 06:15:17.0, etc., and their associated codes and times.

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

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

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

PDAR Pinedale Array 125.39 21 PKP PKPdf 07 52 00.7 -3.7
comp=2.0,4nm,0.9s,baz=63,slow=2.0,SNR=3.1
PLCA Paso Flores 144.33 201 ePKPdf PKPdf 07 52 39.5 +0.2

IGIL 29 07:41:29.1, 37.60Nk, 1.53W, h10km, ML4.9
BUJ 29 07:41:30.0, 37.90Nk, 1.80W, h5km
INMG 29 07:41:31.5, 1.37, 87Nk, 1.79W, h9km, 2km, ML4.8, Error
ellipse: s-maj=1.4km s-min=1.4km az=99.0

IAG 29 07:41:31.37, 88Nk, 1.79W, h10km, Mw4.8, Moment
Tensor Solution. Moment tensor: Scale 10^16Nm;
Mw=0.11; Mw=1.37; Mw=1.48; Mw=0.64; Mw=0.20; Mw=0.39;
Best double couple: Mo 1.62x10^16 NP1:phi=132, delta7,
lambda=153; NP2:phi=40, delta3, lambda=5. Principal axes: T 1.64,
Plg15, Azm263; N -0.0281, Plg62, Azm142; P -1.61,
Plg23; Azm359;

SFS 29 07:41:31.0, 37.93Nk, 1.76W
CSEM 29 07:41:31.5, 0.1, 37.86Nk, 1.79W, h10km, mb5.1/1,
ML4.9/44, Ms3.9, Error ellipse: s-maj=1.4km s-min=1.1km
az=126.0

ZUR_RM 29 07:41:31.37, 91Nk, 1.82W, h12km, Mw4.8/17, Moment
Tensor Solution. s17 Moment tensor: Scale 10^16Nm;
Mw=0.54; Mw=1.16; Mw=1.70; Mw=0.22; Mw=0.35;
Best double couple: Mo 1.56x10^16 NP1:phi=306, delta7,
lambda=164; NP2:phi=216, delta7, lambda=3. Principal axes: T 1.848,
Plg9, Azm80; N -568, Plg74, Azm315; P -1.28, Plg13,
Azm172;

NEIC 29 07:41:31.0, 0.2, 37.91Nk, 1.82W, h5km, mb4.4/8,
ML4.8(LDG), ML4.4(CEM), MN4.7(MDD) Error ellipse:
s-maj=3.4km s-min=2.3km az=150.0

NEIC At least 565 houses damaged [VI] at La Paca and Zarcilla
de Ramos, Felt [V] at Aviles, Coy, La Fuensanta, La Hoya and
Los Rios; [IV] at Archena, Bullas, Caravaca, Cehegin,
Huescar, Lorca, Mula, Santiago de la Espada, Totana and
Verde Rubio; [III] at Cartagena, Molina de Segura and
Murcia; [II] at Albacete, Alcoy, Alicante, Almeria, Bajo
Segura, Ciudad Real, Granada, Jaen, Orihuela and
Valencia.

IDC 29 07:41:31.9, 0.8, 38.01Nk, 1.73W, mb4.0/18, mb1 4.2/23,
mb1mx4.1/29, mb1mp4.0/23, ML4.2/5, MS4.1/6, MS1 4.1/6,
ms1mx3.8/29, Error ellipse: s-maj=17.4km s-min=12.1km
az=17.0

MDD 29 07:41:32.0, 0.2, 37.85Nk, 1.76W, h11km, mbLg4.7/60,
Error ellipse: s-maj=2.1km s-min=1.7km az=161.0,
PRXIMO

MDD EMS: VI - ZARCILLA DE RAMOS LA PACA. EMS: IV - N
LORCA BULLAS. EMS: III - CARTAGENA MURCIA. EMS:
II - ALMERIA, JAIN, GRANADA, ALBACETE, CIUDAD
REAL, ALICANTE, VALENCIA.

LDG 29 07:41:32.7, 0.1, 37.86Nk, 1.81W, h5km, Md4.7/1, ML4.8/42,
ms3.9/6, Error ellipse: s-maj=2.6km s-min=1.5km az=145.0

CNRM 29 07:41:35.0, 0.3, 37.77Nk, 1.90W, h30km, MD4.5
ISC 29 07:41:29.6, 0.1, 37.98Nk, 0.01, 1.89W, 0.01, h11km, n323,
r=138/493, mb4.1/24, MS4.0/5, 39C-21D, Spain

Table with columns: Code, Station Name, Az, Op, ISC, Time, Res. Rows include stations like EXMU Mula, EXMU Lorca, EMUR La Murta, EMUR La Muela, etc.

Main table with columns: Station Name, Az, Op, ISC, Time, Res. Rows include stations like ESJA ePb, ESJA ePg, ESJA eSg, etc.

Table with columns: Station Name, Az, Op, ISC, Time, Res. Rows include stations like ESAC 9um,0.9s, SNR=4.9, ESAC San Caprasio, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MIF, SALF, EPF, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EPON, CMER, EZAM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BAIF, VALF, WAE, etc.

ICD 207:45:21.4, 0.8, 7.76N, 94.16E, mb4/2/13, mb1 4.3/14, mb1=34.5km s-min=18.5km az=50.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, NWAO Narogin (SRO), ZAL Zalesov, etc.

IDC 29 08:00:59.0.0.8.7.87N.94.19E, mb3.8/7, mb1 4.0/8, mb1mx3.8/19, mbmp3.8/8, ML4.1/1, Error ellipse: s-maj=34.5km s-min=20.5km az=49.0

ISC 29 08:01:02.1.0.8.7.9N.1.0.94.3E.0.2, h33km, m9, e0557/8, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesov, WRA Warramunga Arr, etc.

CSEM 29 08:10:58.5.0.1.37.86N.1.79W, h12km, ML3.8/16, Error ellipse: s-maj=1.9km s-min=1.2km az=135.0

NEIC 29 08:10:58.4.37.86N.1.78W, h4km, ML3.4(LDG), MN3.4(MDD), After MDD.

LDG 29 08:10:59.9.0.3.37.86N.1.82W, h5km, Md3.7/1, Ml3.4/10, Error ellipse: s-maj=6.0km s-min=3.5km az=144.0

MDD 29 08:10:58.7.0.2.37.84N.1.76W, h11km, ml3.3/30, 4C-2D, Error ellipse: s-maj=2.9km s-min=2.0km az=169.0, PRXIMO II en MULA, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EXMU Mula, EMUR La Murta, EMUR La Murta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EADA 29nm,0.2s, SNR=4.0, ESDC 29nm,0.2s, SNR=9.5, ESDC 12nm,0.2s, SNR=5.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PBEJ Beja, PCBR Castelo Branco, PCBR Castelo Branco, etc.

Table with columns: RUF, eSN, Sn, Time, Res. Rows include LMR La Moure, VWF Saint-Julien-l'Isle, MFF Signal Martin d, TCF Toule Ste Croi, etc.

NEIC 29 08:12:51.20.0.6, 7.58N-93.96E, h30km, mb4, 1/1, Error ellipse: s-maj=20.8km s-min=11.0km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include CMAR Chiang Mai Arr, SONM Songino Array, KURK Kurchatov, etc.

IGQ 29 08:16:29.5, 0.88S-81.15W, h13km, mb4, 1, 1C-2D, Error ellipse: s-maj=8.0km s-min=5.0km az=13.1, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

IDC 29 08:17:52.3, 1.2, 5.37N-94.47E, mb4, 2/8, mb1 4/3/9, mb1mx4, 1/19, mbtmp4, 1/9, ML4, 3/1, Error ellipse: s-maj=20.4km s-min=19.0km az=54.0

NEIC 29 08:17:55.9, 0.7, 5.07N-94.14E, h30km, mb4, 6/2, Error ellipse: s-maj=26.3km s-min=11.2km az=61.0

ISC 29 08:17:54.7, 0.9, 5.1N-0.1, 94.2E-0.2, h33km, n15, e090/13, mb4, 2/10, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include CMAR Chiang Mai Arr, CHG Chiang Mai, SONM Songino Array, etc.

IDC 29 08:20:17.9, 25.0, 17.10S-178.80W, h53km, mb3, 3/5, mb1mx3, 3/5, mbtmp4, 2/5, 1D, Error ellipse: s-maj=97.6km s-min=82.2km az=177.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, etc.

IDC 29 08:21:07.0, 5.9, 7.80N-94.02E, h39km, mb3, 9/17, mb1 4/1/8, mb1mx4, 0/23, mbtmp4, 2/18, ML4, 7/1, Error ellipse: s-maj=40.4km s-min=15.4km az=56.0

BUI 29 08:21:08.2, 3.2, 8.00N-94.40E, h40km, mb4, 4, Ms4.2, Ms4.2, NEIC 29 08:21:08.2, 3.2, 8.04N-94.35E, h41km, mb4, 5, Ms4.2, Error ellipse: s-maj=17.7km s-min=10.8km az=54.0

ISC 29 08:21:05.1, 0.5, 7.83N-107.94E, 0.09, h33km, n48, e131/42, mb4, 4/33, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad

Table with columns: HYB Hyderabad, KMI Kunming, JIRN, PKI Pulchoki, GUN Gumba, DUN Daman, KKN Kakani, LSA Lhasa, GKN Gorkha, KOLN Koldana, SONM Songino Array, SONM, ULN Ulaanbaatar, KURK Kurchatov, NWAO Narogin (SRO), NWAO Narogin (SRO), ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, ASAR Alice Springs, ASAR, KMBO Kilima Mbogo, KMBO Kilima Mbogo, BRTR Keskin Array, AKASG Malin Array, IDI Anoyia, JOF Joensuu, FINES FINESS Array B, LBTB Lobatse, ARCES ARCESS Array B, BOSA, GERES GERESS Array B, HFS Hefner, NWSR NORSAR Subarra, NOA NORSAR Array B, LPGA La Plagne, ILAR Eielson Array, ILAR Inuvik, INK Inuvik, RES Resolute Bay, NVAR Mina Array, PDAR Pineda Array, ANMO Albuquerque, TXAR Lajitas Array, PLCA Paso Flores, PLCA Paso Flores

IDC 29 08:31:58.7, 0.7, 43.94N-82.75E, h17km, mb3, 7/8, mb1 4/0/11, mb1mx3, 8/22, mbtmp3, 9/11, ML4, 0/3, Error ellipse: s-maj=22.9km s-min=11.0km az=70.0

NEIC 29 08:31:58.6, 0.4, 43.84N-82.42E, mb3, 8/2, Error ellipse: s-maj=9.2km s-min=6.2km az=217.0

BUI 29 08:31:59.3, 43.82N-82.64E, h24km, mb4, 7, mb4, 1, ML4, 4, Ms3.8, Ms3.6

NIC 29 08:32:02.0, 1.4, 44.04N-82.20E, h20km, mb3, mpv, 3, Error ellipse: s-maj=15.2km s-min=6.4km az=120.0

ISC 29 08:31:57.0, 6.9, 81.82E-0.9, h17km, h17km, 1, h17km, 1, n26, e113/33, mb3, 9/10, 7C-8D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include MK31 Makanchi Array, MK31, MK31, MK31, WMQ Urumqi, WMQ, WMQ

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

AAK Ala-Archa, AAK, AAK, AAK, KURK Kurchatov, KURK, KURK, KURK, KURK, ZAL Zalesovo, ZAL, ZAL, BVAR Borovoye Array, BVAR, BVAR, BRVK Borovoye, BRVK, BRVK, BRVK, CHKZ Chkalovo, CHKZ, CHKZ, CHKZ, SONM Songino Array, ULN Ulanbatar

Table with columns: CMAR Chiang Mai Arr, JOF Joensuu, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA, ILAR Eielson Array, ILAR, YKA Yellowknife Arr, YKA, WRAB Tennant Creek, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR

IDC 29 08:47:53.9, 74.0, 18.30S-167.06E, mb4, 0/3, mb1 4/2/3, mb1mx3, 9/12, mbtmp4, 0/3, Error ellipse: s-maj=1240.0km s-min=108.9km az=72.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs

NIED 29 09:05:00, 33.90N-142.10E, h20km, Mw3.7, Best double couple: M4.53x10^14 NP1e296°, 685°, λ-162°. NP2: φ=204°, 672°, λ-5°

JMA 29 09:05:55.2, 0.2, 33.90N-142.06E, h39km, M4.1, NEIC 29 09:05:00, 5.1, 8.39N-141.75E, h40km, mb4, 4/2, Error ellipse: s-maj=16.9km s-min=13.5km az=189.0

IDC 29 09:06:02, 3.0, 7.33N-95.141, 70E, h5km, mb3, 6/15, mb1 3/9/16, mb1mx3, 8/24, mbtmp3, 9/16, MSJ, 1/1, Ms1 3/1/1, ms1mx2, 5/3, Error ellipse: s-maj=20.8km s-min=6.1km az=147.0

ISC 29 09:05:58.1, 0.5, 33.92N-104.141, 88E, 0.04, h39km, (h56km, 7km, pP-P), n11, e106/54, mb3, 9/17, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Rows include BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, BSO4 Boso 4, KTR Katsura, JHU2 Mitsure, JHU3 Hachiojima, JHU, CHOI Chosi, CHOU Chouj, CHOU Miyakejima, JIMY, JIM2 Oshima 3, JIMZ Izushimoda, JIZJ Odawara 2, JOD2 Shimob, JYN Shimob, JYJ Ashikaga, JRY Ryogami san, SHZ3 Shizuoka 3, MAJO Matsushiro, MAJ Matsumoto, MAT Matsushiro, ASAJ Asahikawa

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

ASAJ Asahikawa, SONM Songino Array, SONM, SONM, ZAL Zalesovo, KURK Kurchatov, ILAR Eielson Array, ILAR, CHKZ Chkalovo, BVAR Borovoye Array, BVAR, BRVK Borovoye, BRVK, INK Inuvik, INK, YKA Yellowknife Arr, YKA, YKA, FINES FINESS Array B, FINES, NEW New, NEW, NVAR NORSAR Subarra, NVAR, AKASG Malin Array, AKASG, NOA NORSAR Array B, NOA, NOA, PDAR Pineda Array, PDAR, BRTR Keskin Array, BRTR, GERES GERESS Array B, GERES

29d 9h

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like GERES, LPAZ, PASO FLORES, PLCA.

MOS 29 09:07:17.4+1.0, 13.79N-120.86E, h123km, mb4.7/22, Error ellipse: s-maj=16.4km s-min=7.3km az=117.9

MAN 29 09:07:18.6, 13.75N-120.49E, h96km, mb5.0, ML3.9, MS4.0

ISC 29 09:07:17.7+0.3, 13.72N-120.03E, h123km, mb4.2, n119km, s3.0km, pP-P, n165, s195/165, mb4.8/56, 16C-7D,

Main table of station data for the 29d 9h period, listing station names, coordinates, and various parameters.

2005 JAN

Main table of station data for the 2005 JAN period, listing station names, coordinates, and various parameters.

1164

Main table of station data for the 1164 period, listing station names, coordinates, and various parameters.

NEIC 29 09:14:22.0±0.6, 7.66N-93.87E, h30km, mb4.3/3, Error ellipse: s-maj=19.0km s-min=12.5km az=59.0

Table of station data for the NEIC 29 09:14:22.0±0.6 event, listing station names and coordinates.

NIED 29 09:15:00, 33.00N-137.10E, h29km, Mw3.8 Best double couple: M5.23x10^14 NP1φ=267°, δ72°, λ93°. NP2φ=79°, δ19°, λ82°

Table of station data for the NIED 29 09:15:00 event, listing station names and coordinates.

Table with columns: WB2, WRA, WRA, SONM, KAKA, FITZ. Includes station names, coordinates, and times.

NEIC 29 09:35:19.7z.9.6.72S.71.92W, h321km, 71km, mb4.1/2, Error ellipse: s-maj=56.7km s-min=17.4km az=210.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR, CPXR, SDCO, PDAR, ULM, SCHO, NVAH, NEW, DBIC, DBIC, FRB, YKA, INK, ILAR, ZAL, SONM, WRA.

MOS 29 09:37:09.0z.4.0.52.91N-155.32E, h557km, mb3.9/1, Error ellipse: s-maj=99.9km s-min=66.6km az=148.0

KRSC 29 09:37:08.0z.5.0.52.84N-154.57E, h541km, 10km, ML4.0, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APC, GNC, RUS, RUS, RUS, RUS, PET, PET, PET, KOK, AVCH, NVL, NLC, NLC, SPN, SPN, SPN, TUMR, KBTR, KBTR.

IDC 29 09:39:42.3z.1.1.7.70N-93.96E, mb3.9/8, mb1 4.0/9, mb1 mx3.9/19, mbtmp3.9, ML4.5/1, MS2.4/1, MS1 2.6/1, ms1mx2.1/27, Error ellipse: s-maj=45.7km s-min=22.7km az=52.0

NEIC 29 09:39:47.0z.2.6.7.72N-94.00E, h30km, mb4.3/2, Error ellipse: s-maj=19.7km s-min=12.1km az=67.0

ISC 29 09:39:45.0z.6.7.7N.0.1.94.1E.0.2, h30km, n21, c051/19, mb4.2/17, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, CMAR, JIRN, PKI, DMN, GUN, KKN, GKN, KOLN, SONM, KURK, WRA, CHZK, ASAR, FINES, ARCES, GERES, HFS, NOA, PDAR, PLCA.

IDC 29 09:40:46.6z.1.4.7.86N-93.94E, mb4.0/7, mb1 4.2/8, mb1 mx3.9/19, mbtmp4.0/8, Error ellipse: s-maj=47.2km s-min=31.9km az=54.0

NEIC 29 09:40:51.2z.0.8.7.90N-93.99E, h30km, mb4.4/1, Error ellipse: s-maj=19.2km s-min=15.4km az=72.0

ISC 29 09:40:49.5z.1.1.8.01N.0.2.94.1E.0.2, h30km, n12, c053/12, mb4.0/8, Nicobar Islands region

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

Table with columns: SONM, KURK, ZAL, WRA, CHZK, FINES, GERES, HFS, NB2, NOA. Includes station names, coordinates, and times.

MAN 29 09:47:48.6z.10.2.23N-126.54E, h23km, mb4.3, ML3.2, MS3.0, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCPH, SCPH, MSLP, BESP, PLP, BIPH, LLP, TBP, TBP, BUKP, SNGP, PANG.

IDC 29 09:57:21.2z.1.2.16.84S-178.02W, mb3.5/4, mb1 3.9/4, mb1 mx3.7/15, mbtmp3.5/4, Error ellipse: s-maj=125.5km s-min=28.0km az=150.0, Fiji Islands region

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

IDC 29 09:58:21.0z.1.5.7.77N-93.68E, mb3.9/6, mb1 4.0/7, mb1 mx3.8/19, mbtmp3.8/7, ML4.1/1, Error ellipse: s-maj=55.5km s-min=23.5km az=60.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, SONM, ZAL, WRA, ASAR, FINES, HFS.

WEL 29 09:59:29.0z.0.3.37.21S-176.91E, h30km, 2km, ML3.5/14, 1D, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WIZ, MYRZ, TGZ, MARZ, LIRZ, KUZ, KUZ, MWZ, TOZ, PUZ, OTAZ, GKZ, HZ, OUZ.

THE 29 10:00:51.3z.39.51N-25.13E, h7km, ML3.2

ATT 29 10:00:51.3z.39.60N-25.13E, h2km

CSEM 29 10:00:51.3z.39.51N-25.13E, h7km, ML3.2, After THE

ISC 29 10:00:49.6z.1.2.39.49N.0.05.25E.0.06, h8km, 8km, n13, c097/19, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIA, LOS, LOS, LOS, PRK, AOS, PAIG, OUR, NIO, ALN, RDO, SOH, NVR, AGG.

NEIC 29 10:02:36.6z.0.7.7.76N-94.04E, h30km, mb4.0/2, Error ellipse: s-maj=24.1km s-min=15.3km az=67.0

IDC 29 10:02:43.3z.1.1.7.92N-94.24E, h89km, 7km, mb3.5/9, mb1 3.6/10, mb1 mx3.6/18, mbtmp3.8/10, Error ellipse: s-maj=34.9km s-min=20.9km az=53.0

ISC 29 10:02:34.4z.0.8.7.8N.0.1.94.1E.0.2, h30km, (h72km, 7, 4km; p-P), n17, c089/14, mb3.8/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, SONM, SONM, KURK, ZAL.

Table with columns: ZAL, WRA, CHZK, ASAR, KMBO, BRTR, FINES, GERES, GERES, NOA, TXAR, PLCA, PLCA. Includes station names, coordinates, and times.

BUI 29 10:04:36.0z.7.70N-93.90E, h30km, mb4.6

NEIC 29 10:04:36.0z.0.6.7.72N-93.91E, h30km, mb4.5/2, Error ellipse: s-maj=18.3km s-min=12.1km az=64.0

IDC 29 10:04:44.3z.6.6.7.98N-94.27E, h102km, 57km, mb3.7/13, mb1 3.8/14, mb1 mx3.7/22, mbtmp4.0/14, Error ellipse: s-maj=46.0km s-min=16.8km az=53.0

ISC 29 10:04:34.0z.0.8.7.8N.0.1.94.0E.0.2, h30km, n23, c081/20, mb4.1/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, SONM, KURK, ZAL, WRA, BVAR, CHZK, ASAR, KMBO, BRTR, FINES, GERES, HFS, NB2, NOA, NOA, INK, INK, PPT, PLCA.

IDC 29 10:11:00.4z.1.4.7.54N-93.89E, mb3.7/7, mb1 3.9/8, mb1 mx3.8/19, mbtmp3.7/8, ML4.0/1, Error ellipse: s-maj=51.6km s-min=22.3km az=60.0

ISC 29 10:11:04.0z.1.1.7.6N.0.1.94.0E.0.2, h33km, n9, c084/5/8, mb3.8/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, SONM, ZAL, WRA, ASAR, FINES, HFS, ILAR, TXAR.

BUI 29 10:11:09.0z.7.37N-93.58E, h20km, mb5.1, mb4.8, Ms4.7, Ms4.4

MOS 29 10:11:15.5z.1.4.7.86N-94.25E, h33km, mb5.0/24, Error ellipse: s-maj=10.9km s-min=6.8km az=106.2

IDC 29 10:11:15.2z.0.6.7.85N-94.22E, h19km, 3km, mb4.3/26, mb1 4.2/27, mb1 mx4.4/28, mbtmp4.4/27, ML4.8/1, MS4.3/1, Ms1 4.2/1, ms1mx2.7/15, Error ellipse: s-maj=19.9km s-min=11.3km az=47.0

NEIC 29 10:11:15.4z.0.3.7.83N-94.28E, mb4.8/24, MS3.9/1, Error ellipse: s-maj=10.1km s-min=6.8km az=48.0

ISC 29 10:11:13.4z.0.3.7.77N.0.0.94.15E.0.4, h21km, h21km, n1.7km; p-P, n161, c1925/146, mb4.8/64, MS4.3/9, 3C-6D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNG, CM31, CMAR, CHG, CHG, PALK, VIS, VIS, IMP, SHL, HYB, HYB, HYB, QIZ, KMI, KMI, MNGI, JIRN.

IGQ 29 10:36:37.3, 1.425, 80.92W, h12km, 8km, mb4.1, 4C-3D, Error ellipse: s-maj=15.9km s-min=9.7km az=160.7, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA, IGUA, JUIV, ARRY, RETU, PATA, PISA, NASI, TERV, PINO, VCI, TAMBO, YANA, ANTI, COTA, CAYR, CAYA.

IDC 29 10:46:23.8, 6.1, 7.58S, 146.80E, h221km, 23km, mb2.8/2, mb1 2.8/3, mb1mx2.7/1.1, mbtmp3.3/8, Error ellipse: s-maj=78.2km s-min=58.7km az=13.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG, WRA, ASAR, STKA.

IDC 29 10:48:19.7, 13.0, 7.69N, 94.12E, h58km, 99km, mb3.3/3, mb1 3.6/4, mb1mx3.3/1.8, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=160.2km s-min=31.3km az=63.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR, SONM, ZAL, WRA.

IGQ 29 11:00:15.0, 0.89S, 81.26W, h9km, 7km, mb4.1, Error ellipse: s-maj=10.0km s-min=8.0km az=136.4, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOJA, IGUA, TERV, PINO, YANA, VCI, ARRY, ANTI, COTA, CAYR, CAYA.

IDC 29 11:02:56.4, 2.9, 7.90N, 93.89E, mb3.5/3, mb1 3.8/4, mb1mx3.5/1.8, mbtmp3.5/4, ML3.7/1, MS3.0/1, MS1 3.2/1, ms1mx2.7/1.4, Error ellipse: s-maj=88.4km s-min=29.0km az=68.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR, JMK, JIO, JOM, JOU, JOU, JYK, WRA.

CSEM 29 11:07:56.5, 0.2, 36.37N, 5.91W, h2km, ML2.5/1, Error ellipse: s-maj=5.1km s-min=1.3km az=18.0

SFS 29 11:07:57.0, 36.43N, 5.91W, h21km, 3km, mbLq1.6/5, Error ellipse: s-maj=7.2km s-min=4.1km az=36.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include EJIF, CMAR, ESPR, JIRN, LJA, EMIJ, EMIJ, EMIN, EGRO, EGRO, EADA, EADA, EADA.

IDC 29 11:16:30.3, 2.1, 14.47S, 177.10W, mb3.8/4, mb1 4.1/4, mb1mx3.8/1.5, mbtmp3.8/4, Error ellipse: s-maj=127.2km s-min=27.8km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG, PORT, PSC, KMB0.

WRA Warramunga Arr 46.58 256 P 11 25 00.3 -1.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR, ASPA, ILAR, TXAR, AKASA.

IDC 29 11:27:28.9, 2.4, 19.17S, 177.53W, mb4.0/4, mb1 4.2/4, mb1mx3.9/1.5, mbtmp4.0/4, MS3.8/1, MS1 3.8/1, ms1mx2.8/2.3, Error ellipse: s-maj=181.7km s-min=84.2km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CTA, STKA, WRA, ASAR, ILAR.

NEIC 29 11:25:07.7, 1.1, 5.1S, 100.50E, h30km, mb4.2/2, Error ellipse: s-maj=52.4km s-min=12.0km az=55.0

IDC 29 11:25:15.9, 4.8, 1.26S, 100.88E, h94km, 35km, mb3.6/7, mb1 3.7/6, mb1mx3.5/1.6, mbtmp3.9/8, MS3.4/1, MS1 3.6/1, ms1mx2.5/2.5, Error ellipse: s-maj=81.8km s-min=15.6km az=55.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR, WRA, WRAB, ASAR, SONM, ZAL, BVAR, CHK, FINES, ARCES, TXAR, TXAR.

NIED 29 11:30:00, 38.80N, 141.60E, h77km, Mw3.5 Best double rupture: M1: 92x10^14 N1: 210, 863, 1.79. N2: 20, 60, 32, 1.12

JMA 29 11:30:14.4, 38.78N, 141.61E, h69km, 1km, M3.5 Broadband fault plane solution: P waves. N1: 29, 81, 110. N2: 188, 881, 187. Principal axes: T: P154, Azm94; N: P13, Azm189; P: P136, Azm281;

JMA Felt I J1. ISC 29 11:30:14.4, 1.3, 38.76N, 141.61E, 0.1, h66km, 9km, n11, 0.027/18, 5C, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include OFUJ, JMK, JIO, JOM, JOU, JOU, JYK, WRA, JMM, JYS, JYA, JFK, MAT.

IDC 29 11:31:06.8, 0.7, 7.74N, 93.98E, mb4.0/15, mb1 4.1/16, mb1mx4.1/22, mbtmp4.0/16, ML4.0/1, MS3.7/1, MS1 3.7/1, ms1mx2.7/2.9, Error ellipse: s-maj=29.2km s-min=15.1km az=50.0

BUI 29 11:31:10.5, 7.80N, 94.00E, h30km, mb4.6, Ms4.3, Msz4.1

NEIC 29 11:31:11.0, 5.0, 7.78N, 94.03E, h30km, mb4.3/3, Error ellipse: s-maj=13.4km s-min=7.0km az=57.0

ISC 29 11:31:09.8, 0.5, 7.62N, 100.93, 9E.0, 1, h33km, n36, 0.094/33, mb4.3/25, MS3.7/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CM31, CM31, HYB, JIRN, PKI, DMN, GUN, KKN, GKN, LSA, KOLN, WMQ, SONM, KURK, NWA0, ZAL, WRA, WRAB, BVAR, BRVK, CHK, ASAR, GNI, GNI, PMG, PORT, PSC, KMB0.

0.4nm, 0.3s, mb3.9, baz=236, slow=21, SNR=1.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR, AKAS, FINES, ARCES, GERES, NB2, NOA, PDAR, TXAR.

THE 29 11:35:32.2, 38.01N, 26.95E, h10km, ML4.0

ATH 29 11:35:36.2, 38.20N, 26.71E, h53km, 1.1km, MD3.7/6, ML3.8

ISK 29 11:35:37.2, 38.26N, 26.63E, h23km, MD3.6

CSEM 29 11:35:38.0, 0.1, 38.27N, 26.72E, h25km, MD3.6, Error ellipse: s-maj=2.8km s-min=1.9km az=37.0

ISC 29 11:35:37.3, 0.6, 38.26N, 0.03, 26.58E, 0.03, h23km, 5km, n52, 0.084/71, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BLCB, IZM, KDAG, BGOZ, PRK, AYVA, AKS, AYDN, AYDN, MLBS, BDRM, BDRM, APE, APE, MANT, EZN, BOZO, BALB, YER, CANB, BTK, BTK, LIA, DENZ, DNZL, DNZL, LOS, SANT, SANT, DURS, PNT, AOS, AOS, EDC, KHL, KHL, BAN, KAR, MRMT, SART, SART, ORLT, FET, MUE, ALN, ALN, XOR, OUR, RDO, ELL, YLV, CTT, BCK, AGG, AGG, HENT, HENT, SGKT, SGKT.

BUI 29 11:37:19.0, 7.03N, 93.71E, h40km, mb4.6

IDC 29 11:37:22.5, 1.0, 7.83N, 94.02E, mb3.8/9, mb1 4.0/10, mb1mx3.9/1.9, mbtmp3.8/1.0, ML3.8/1, Error ellipse: s-maj=4.1km s-min=1.9km az=53.0

NEIC 29 11:37:28.6, 4.7, 8.9N, 94.09E, h41km, 37km, mb4.4/2, Error ellipse: s-maj=43.1km s-min=12.8km az=54.0

ISC 29 11:37:25.8, 0.8, 7.9N, 0.1, 94.1E, 0.2, h33km, n21, 0.064/21, mb4.1/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR, HYB, JIRN, PKI, GUN, DMN, KKN, GKN, KOLN, SONM, SONM, KURK, ZAL, WRA, BVAR, CHK, ASAR, BRTR, FINES, GERES, NB2, NOA.

IDC 29 11:50:47.0,0.4,2.08S;126.71E,mb4.9/24,mb1 4.2/24,mb1mx4.9/25,mb1mp4.9/24,ML5.4/2,MS4.2/10,MS1 4.2/10,ms1mx3.9/23,Error ellipse: s-maj=20.3km s-min=7.7km az=70.0
 BUJ 29 11:50:49.2,2.31Sx127.16E,h46km,mb5.5,mb5.3,Ms4.6,Ms2.3
 MOS 29 11:50:50.8,1.5,2.00S;126.59E,h33km,mb5.4/25,Error ellipse: s-maj=13.3km s-min=6.3km az=109.7
 HRVD 29 11:50:51.2,0.2,1.98S;126.62E,h12km,MMWS,2/67, Centroid moment Tensor Solution. LP body waves: s=36,c60,Mantle waves: s67,c116; Half duration: 1/0 Moment tensor: Scale 10¹⁶Nm; Mw=5.66; 16; Mw4.97; 12; Mw4.058; 18; Mw3.182; 37; Mw3.19; 13; Mw4.08; 47; Best double couple: Mw7.487x10¹⁶ Np1: 0.90°, 851°, λ-48°. NP2: 214°, 855°, λ-130°. Principal axes: P 6.658, Plg2°, Azm331°; N 1.657, Plg32°, Azm240°; X -8.316, Plg58°, Azm64°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 NEIC 29 11:50:51.2,0.2,1.99S;126.63E,mb5.2/32,Error ellipse: s-maj=9.8km s-min=4.5km az=75.0
 ISC 29 11:50:51.0,0.2,1.97S;126.71E,0.05,h30km,mb5.0/30,ms1.5km,pp-P, m230, r123/215, mb5.3/73, MS4.2/33, IC-19D, Southern Molucca Sea

Code	Station Name	Lat	Lon	Phase ID	Time	Res
Code	Station Name	Lat	Lon	Phase ID	Time	Res
SSE	comp=E,69nm,26.5s,MS3.7			LR	LR	
SSE	Sheshan 33.30 351			P	P	11 57 25.3 -2.2
SSE	comp=Z,17nm,0.7s,mb5.1			sP	sP	11 57 38.1 -2.3
SSE	S			S	S	12 02 45.0 +0.2
SSE	SS			SS	SS	12 03 00.1
SSE	SS			SS	SS	
SSE	SS			SS	SS	
CM31	comp=Z,190nm,25.6s,MS3.7			eP	P	11 57 39.1 +1.0
CM31	Chiang Mai Arr 34.04 308			eP	P	11 57 39.1 +1.0
CM31	comp=Z,5.2nm,0.7s,mb4.6			LR	LR	
CMAR	comp=Z,591nm,21.0s,MS4.3			P	P	11 57 34.0 0.0
CMAR	Chiang Mai Arr 34.04 308			P	P	11 57 34.0 0.0
CMAR	comp=Z,4.1nm,0.8s,mb4.4,baz=138,slow=7.7,SNR=36			PcP	PcP	12 00 12.3 +0.9
CMAR	comp=Z,4.8nm,0.8s,baz=155,slow=2.1,SNR=11			P	P	12 12 00.9
CHG	Chiang Mai 34.23 308			P	P	11 57 36.4 +0.8
CHG	comp=Z,347nm,20.0s,MS4.1,baz=115,slow=37			P	P	12 12 00.9
CHG	Chiang Mai 34.23 308			P	P	11 57 36.4 +0.8
CHG	comp=Z,22nm,1.0s,mb5.0			P	P	11 57 36.4 +0.8
WHN	Wuhan 34.41 341			P	P	11 57 38.8 +1.7
WHN	WHN			AP	pP	11 57 49.5 +3.4
ADE	Adelaide 34.68 163			eP	P	11 57 39.8 +0.5
KMI	Kunming 35.57 321			P	P	11 57 49.9 +2.9
KMI	KMI			P	P	11 58 02.8 +6.7
KMI	KMI			SS	SS	12 03 21.6 +1.6
KMI	KMI			SS	SS	12 05 41.9 +1.9
KMI	comp=Z,14nm,1.5s,mb4.7			SS	SS	12 05 41.9 +1.9
KMI	comp=Z,430nm,30.2s,MS4.0			MLR	MLR	
KMI	comp=Z,22nm,1.0s,mb5.0			P	P	11 57 49.9 +2.9
KMI	comp=Z,14nm,1.5s,mb4.7			P	P	11 57 49.9 +2.9
KMI	KMI			pP	pP	11 58 02.8 +6.7
KMI	KMI			sP	sP	11 58 08.0 +8.1
KMI	KMI			S	S	12 03 21.6 +1.6
KMI	KMI			SS	SS	12 05 41.9 +1.9
KMI	KMI			SS	SS	12 05 41.9 +1.9
KMI	comp=Z,430nm,30.2s,MS4.0			LR	LR	
JHJ	Hachioji jima 37.02 18			LR	LR	12 12 26.4
JHJ	comp=Z,339nm,18.6s,MS4.2,baz=105,slow=35			LR	LR	12 12 26.4
KS15	Wonju Array SI 39.23 1			eP	P	11 58 18.2 +0.6
XAN	Xi'an 39.54 337			P	P	11 58 20.8 +0.6
XAN	XAN			AMB	AMB	
MAJO	comp=Z,54nm,0.7s,mb5.4			eP	P	11 58 20.9 -1.4
MAJO	Matsushiro 39.79 15			eP	P	11 58 20.9 -1.4
MAJO	comp=Z,21nm,0.9s,mb4.9			pmx	pmx	
MAJO	comp=Z,395nm,20.0s,MS4.2			MLR	MLR	
MAJO	Matsushiro 39.79 15			eP	P	11 58 20.9 -1.4
MAJO	comp=Z,21nm,0.9s,mb4.9			LR	LR	
MAJO	comp=Z,385nm,20.0s,MS4.2			LR	LR	
MAT	Matsushiro 39.79 15			eP	P	11 58 21.0 -1.3
MAT	MAT			pmx	pmx	
MAT	comp=Z,208nm,2.2s,mb5.5			MLR	MLR	
MAT	Matsushiro 39.79 15			eP	P	11 58 21.0 -1.3
MAT	comp=Z,208nm,2.2s,mb5.5			LR	LR	
MAT	comp=Z,340nm,18.0s,MS4.2			LR	LR	
MAT	Matsushiro 39.79 15			P	P	11 58 20.9 -1.4
MAT	Matsushiro 39.79 15			P	P	11 58 20.9 -1.4
MAT	Beijing 42.91 348			P	P	11 58 47.9 0.0
MAT	MAT			pP	pP	11 58 56.8 -0.2
MAT	MAT			S	S	12 00 30.2
MAT	MAT			SS	SS	12 05 14.2 +3.9
MAT	comp=Z,43nm,1.2s,mb5.0			MLR	MLR	
MAT	comp=Z,340nm,29.8s,MS4.1			P	P	11 58 47.9 0.0
MAT	Beijing 42.91 348			P	P	11 58 47.9 0.0
MAT	comp=Z,43nm,1.2s,mb5.0			pP	pP	11 58 56.8 -0.2
MAT	MAT			PP	PP	12 00 30.2 +0.4
MAT	MAT			SS	SS	12 05 14.2 +3.9
MAT	MAT			SS	SS	12 08 24.3 +8.3
MAT	comp=Z,340nm,29.8s,MS4.1			LR	LR	
SHL	Shillong 43.42 311			eP	P	11 58 53.0 +0.8
SHL	SHL			eP	P	12 05 15.0
LZH	Lanzhou 43.46 333			P	P	11 58 54.5 +2.1
LZH	LZH			PP	PP	12 00 33.0 -2.3
LZH	LZH			AMB	AMB	
LZH	comp=Z,192nm,1.5s,mb5.6			AMB	AMB	
LZH	comp=Z,522nm,4.0s			LR	LR	
LZH	comp=E,302nm,13.0s			LR	LR	
LZH	comp=Z,496nm,14.2s,MS4.6			P	P	11 58 54.5 +2.1
LZH	Lanzhou 43.46 333			P	P	11 58 54.5 +2.1
LZH	LZH			-sP	sP	12 00 33.0 -2.9
LZH	LZH			pmx	pmx	12 00 33.0
LZH	comp=Z,192nm,1.5s,mb5.6			MLR	MLR	
LZH	comp=Z,500nm,14.2s,MS4.6			MLR	MLR	
LZH	Lanzhou 43.46 333			P	P	11 58 54.5 +2.1
LZH	comp=Z,192nm,1.5s,mb5.6			pP	pP	11 58 59.5 -2.0
LZH	LZH			sP	sP	11 59 02.4 -2.9
LZH	LZH			LR	LR	12 00 33.0 -2.3
SNY	Shenyang 43.69 357			P	P	11 58 54.0 -0.1
SNY	SNY			AMB	AMB	
LSA	Lhasa 46.32 316			P	P	11 59 18.5 +3.1
LSA	LSA			AMB	AMB	
MDJ	Mudanjiang 46.45 3			P	P	11 59 16.5 +0.3
MDJ	MDJ			AMB	AMB	
MDJ	comp=Z,131nm,3.4s			LR	LR	
MDJ	comp=N,88nm,20.4s,MS4.1			LR	LR	
MDJ	comp=E,217nm,22.2s,MS4.1			LR	LR	
MDJ	comp=Z,146nm,22.2s,MS3.9			P	P	11 59 20.3 -0.5
ASAJ	Vishakhapatnam 47.00 296			eP	P	11 59 28.2 -0.5
ASAJ	Asahikawa 48.04 15			P	P	11 59 36.3 +1.2
JIRN	comp=Z,16nm,0.9s,mb5.0,baz=232,slow=10,SNR=7.3			eP	P	11 59 36.3 +1.2
JIRN	Jiri 48.84 310			eP	P	11 59 36.3 +1.2
GUN	Gumba 49.20 310			eP	P	11 59 39.0 +1.1
GUN	comp=Z,298nm,0.9s,mb5.3			eP	P	11 59 40.0 +0.6
PKI	Pulchoki 49.40 309			eP	P	11 59 41.8 +0.8
PKI	comp=Z,244nm,1.4s,mb5.0			eP	P	11 59 41.8 +0.8
KKN	Kakani 49.60 310			eP	P	11 59 42.3 +1.0
KKN	comp=Z,285nm,1.4s,mb6.1			eP	P	11 59 42.3 +1.0
DMN	Daman 49.65 309			eP	P	11 59 46.3 +0.7
DMN	comp=Z,274nm,1.1s,mb5.2			eP	P	11 59 46.3 +0.7
GKN	Gorkha 50.20 310			eP	P	11 59 51.9 +1.1
GKN	comp=Z,182nm,0.8s,mb6.1			eP	P	11 59 51.9 +1.1
KOLN	Koldanda 50.90 309			eP	P	11 59 48.8 -3.9
KOLN	comp=Z,356nm,0.8s,mb6.3			eP	P	11 59 53.0 -0.4
KLR	Kul'dur 51.18 4			eP	P	12 00 01.5 -2.2
HYB	Hyderabad 51.21 294			eP	P	11 59 53.0 -0.4
HYB	HYB			pP	pP	12 00 01.5 -2.2
HYB	Hyderabad 51.21 294			eP	P	11 59 53.0 -0.4
HYB	comp=Z,50nm,1.0s,mb5.4			pP	pP	12 00 01.5 -2.2
ULN	Ulanbaatar 52.52 343			iP	P	12 00 02.9 +0.1
ULN	Ulanbaatar 52.52 343			iP	P	12 00 02.9 +0.1
ULN	comp=Z,24nm,0.7s,mb5.2			LR	LR	
ULN	comp=Z,249nm,21.0s,MS4.2			LR	LR	
SONM	Songino Array 52.68 343			P	P	12 00 03.8 -0.3
SONM	comp=Z,14nm,0.8s,mb5.0,baz=155,slow=8.3,SNR=128			PcP	PcP	12 01 13.7 +0.1
SONM	comp=Z,4.5nm,0.9s,baz=161,slow=4.5,SNR=3.5			e	e	12 00 14.4 -0.4
BHPL	Bhopal 54.11 301			eP	P	12 00 15.5
BHPL	BHPL			e	e	12 00 15.5
AGRA	Agra 55.17 305			eP	P	12 00 21.5 -1.2
KAD	Karad 55.19 293			eP	P	12 00 21.9 -1.1
KAD	KAD			e	e	12 00 22.0
JOSI	Joshimath 55.31 310			eP	P	12 00 18.6 -5.1

Code	Station Name	Lat	Lon	Phase ID	Time	Res
ZAK	Zakamensk 55.88 342			P	P	12 00 26.2 -1.2
ASOR	Ausora 55.94 307			eP	P	12 00 27.6 -0.5
SONA	Sohna 56.28 306			eP	P	12 00 29.5 -1.1
SONA	SONA			eP	P	12 00 29.8
AYAN	Aya Nagar 56.34 306			eP	P	12 00 29.8 -1.2
NDI	New Delhi 56.35 307			eP	P	12 00 29.9 -1.0
DDI	Dehra Dun 56.38 309			eP	P	12 00 30.2 -1.0
KUDL	Kundal 56.72 306			eP	P	12 00 32.5 -1.3
TLY	Talaya 56.92 343			P	P	12 00 35.9 +1.0
TLY	comp=Z,62nm,0.9s,mb5.6,SNR=12			pmx	pmx	12 00 34.8 -0.1
TLY	Talaya 56.92 343			pmx	pmx	
TLY	comp=Z,11nm,1.0s,mb4.8			MLR	MLR	
TLY	comp=Z,51nm,19.0s,MS3.6			eP	P	12 00 34.8 -0.1
TLY	Talaya 57.20 343			eP	P	12 00 34.8 -0.1
TLY	comp=Z,11nm,1.0s,mb4.8			LR	LR	
TLY	comp=Z,51nm,19.0s,MS3.6			P	P	12 00 36.1 -0.8
RPZ	Rata Peaks 57.20 143			P	P	12 25 42.2
RPZ	comp=Z,35nm,1.0s,mb5.3,baz=24,slow=3.8,SNR=9.7			LR	LR	12 25 42.2
IRK	Irkutsk 57.24 344			eP	P	12 00 32.0 -5.1
IRK	IRK			pmx	pmx	
IRK	comp=Z,35nm,2.0s,mb5.0			pmx	pmx	
KHET	Khetri 57.25 305			eP	P	12 00 35.9 -1.6
WMQ	Urumqi 57.42 327			eP	P	12 00 39.5 +1.0
WMQ	WMQ			eP	P	12 00 52.0 +4.1
WMQ	WMQ			sP	sP	12 01 32.8 +6.1
WMQ	WMQ			PcP	PcP	12 02 48.5 +1.1
WMQ	WMQ			S	S	12 08 31.0 -0.4
WMQ	comp=Z,51nm,1.2s,mb5.4			AMB	AMB	
WMQ	comp=Z,242nm,5.0s			AMB	AMB	
WMQ	comp=N,833nm,18.1s,MS5.0			LR	LR	
WMQ	comp=E,725nm,18.0s,MS5.0			LR	LR	
WMQ	comp=Z,1µm,18.6s,MS5.0			LR	LR	
MOY	Moscow 57.72 341			eP	P	12 00 40.8 +0.4
URZ	Ureynoy 58.50 135			eP	P	12 00 46.5 +0.4
URZ	comp=Z,16nm,0.8s,mb5.1,baz=158,slow=5.4,SNR=4.4			P	P	12 00 43.2 -3.6
CLNS	Chul'man 58.64 359			eP	P	12 00 43.2 -3.6
CLNS	CLNS			pmx	pmx	
CLNS	comp=Z,28nm,0.9s,mb5.3			pmx	pmx	
CLNS	comp=N,24nm,1.0s			pmx	pmx	
CLNS	comp=E,6.0nm,0.7s			pmx	pmx	
BOD	Bodaibo 60.47 352			P	P	12 00 58.1 -1.3
JASL	Jaisalmer 60.91 302			eP	P	12 01 02.2 -0.7
PET	Petropavlovsk 60.98 21			eP	P	12 01 09.5 +6.5
PET	PET			e	e	12 09 29.7
PET	comp=Z,100nm,13.9s			pmx	pmx	
PET	PET			MLR	MLR	
PET	comp=Z,100nm,16.0s,MS4.1			MLR	MLR	
MKAR	Makanchi Array 62.25 327			eP	P	12 01 11.5 -0.1
MK						

29L 13h

Table with columns: ZAL, Zalesovo, 46.57 352 P, P, 12 32 12.5 -0.3, etc. Includes stations like WARRAMUNGA ARR, TENNANT CREEK, WARRAMUNGA ARR, CHKALOVO, etc.

IDC 29 12:26:48.3-1.6, 32.365S-71.84W, mb4.2/1, mb1 3.8/4, mb1mx3.7/14, mbtmp3.7/4, ML3.8/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/14, Error ellipse: s-maj=76.3km s-min=30.1km az=100.0

GUC 29 12:26:53.1-0.7, 32.375S-71.76W, h22km, ML3.6(GUC), After GUC

NEIC 29 12:26:53.1, 32.375S-71.76W, h22km, ML3.6(GUC), After GUC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like PACH Papudo, Instituto Hidr, Petorca, Illapel, etc.

2005 JAN

Table with columns: PLCA, Paso Flores, 8.41 173 Pn, P, 12 28 52.2 -4.1, etc. Includes stations like PASO FLORES, LIMON VERDE, etc.

BUI 29 12:36:07.7, 8.00N-94.10E, h48km, mb4.2, IDC 29 12:36:07.7, 8.03N-94.06E, h46km, mb3.6/6, mb1 3.8/7, mb1mx3.6/19, mbtmp3.9/7, ML3.8/1, MS3.7/1, Ms1 3.7/1, ms1mx2.9/19, Error ellipse: s-maj=70.1km s-min=19.4km az=56.0

NEIC 29 12:36:07.8, 8.00N-94.05E, h48km, mb4.4/3, Error ellipse: s-maj=46.9km s-min=11.0km az=57.0

ISC 29 12:36:06.8, 8.1N-94.2E, 0.2, h54km, 49km, n23, o#63/20, mb4.2/14, MS3.7/1, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

IDC 29 12:43:29.8, 1.752N-94.26E, mb3.9/3, mb1 4.0/4, mb1mx3.6/18, mbtmp3.8/4, ML3.8/1, Error ellipse: s-maj=197.8km s-min=58.3km az=136.0, Nicobar Islands region

IDC 29 12:50:49.7, 9.7, 7.72N-94.07E, h56km, mb1km, mb3.6/6, mb1 3.7/7, mb1mx3.5/19, mbtmp3.8/7, Error ellipse: s-maj=76.7km s-min=29.2km az=56.0

ISC 29 12:50:45.6, 9.7, 7.7N-94.0E, 0.3, h36km, 59km, n14, o#40/14, mb4.2/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

NAO 29 13:04:59.5, 3.1, 59.43N-9.97E, ML2.6, CSEM 29 13:05:02.3, 0.2, 59.57N-10.10E, h5km, ML1.5, Error ellipse: s-maj=7.0km s-min=3.0km az=159.0

BER 29 13:05:03.9, 2.8, 59.53N-10.14E, MD1.9, ML1.5, ML2.6(NAO), Suspected explosion

NEIC 29 13:05:04.2, 59.54N-10.08E, h15km, ML2.6(BER), After BER

ISC 29 13:05:00.8, 0.8, 59.54N-10.09E, 0.10, n16, o#99/24, Southern Norway

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like NC6 NORARSAR Subarra, NB2 NORARSAR Subarra, etc.

1172

Table with columns: ODD1, Odda, 1.86 283 eP, Sn, 13 05 57.6 -1.0, etc. Includes stations like ODDA, BLASJO, etc.

CSEM 29 13:05:12.8, 8.77N-43.97E, h5km, MD4.0, After ISK

ISC 29 13:05:13.1, 3.3778N-0.03441E, 0.1, h5km, n15, o#135/25, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HKR Hakkari, VANT Van, etc.

IDC 29 13:06:51.7, 0.6, 7.59N-93.87E, mb4.1/15, mb1 4.3/16, mb1mx4.2/20, mbtmp4.1/16, ML4.8/1, MS3.8/1, Ms1 3.8/1, ms1mx2.9/21, Error ellipse: s-maj=26.3km s-min=15.6km az=58.0

MOS 29 13:06:55.0, 1.3, 7.73N-94.16E, h33km, mb4.9/10, Error ellipse: s-maj=15.0km s-min=8.7km az=101.0

BUI 29 13:06:56.7, 1.6, 50KN-94.00E, h30km, mb4.8, mb4.6, Ms4.5, Ms2.4

NEIC 29 13:06:56.7, 0.4, 7.64N-94.03E, h30km, mb4.6/8, Error ellipse: s-maj=12.1km s-min=9.5km az=91.0

ISC 29 13:06:54.0, 5.7, 6.3N-106.9406E, 0.06, h33km, n76, o#150/49, mb4.5/36, MS4.1/2, ID, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SNG Songkhla, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Ulanbaatar, Talaya, Kurchatov, Narrogin (SRO), Zalesovo, Novosibirsk, Warramunga Arr, Borovoye Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Palleke, NDI, DDI, Lanzhou, Xian, WHN, BJI, Beijing, etc.

IGQ 29 13:10:04.0, 1.00S-81.35W, h5km, 5km, mb4.1, 2C-4D, Error ellipse: s-maj=1.7km s-min=-4.9km az=12.6, Off coast of Ecuador.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Cerro de Hojas, JAMA, IGUA, etc.

IGQ 29 13:11:26.9, 1.17S-81.31W, h5km, 3km, mb4.1, 1D, Error ellipse: s-maj=5.8km s-min=4.3km az=107.0, Off coast of Ecuador.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Cerro de Hojas, MAGD, IGUA, etc.

IDC 29 13:15:13.3-8.8, 9.01N-94.25E, h98km, 74km, mb3.4/6, mb1 3.6/7, mb1mx3.4/19, mbmtmp3.7/7, ML3.6/1, Error ellipse: s-maj=17.5km s-min=18.8km az=57.0, Nicobar Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, HYB, SONM, ZAL, etc.

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

MOS 29 13:21:32.5-1.7, 7.91N-93.86E, h33km, mb4.7/15, Error ellipse: s-maj=17.4km s-min=8.6km az=101.5, Bull 29 13:21:32.9, 7.63N-93.81E, h45km, mb4.9, mb4.5, Ms4.5, Ms2.4.

NEIC 29 13:21:34.3-0.5, 7.96N-94.07E, h30km, mb4.4/12, Error ellipse: s-maj=15.7km s-min=9.9km az=63.0, IDC 29 13:21:38.0-4.9, 7.95N-94.02E, h63km-43km, mb3.9/12, mb1 4.1/13, mb1mx4.0/20, mbmtmp4.2/13, ML4.0/1, MS4.0/2, Ms1 4.0/2, Ms1mx3.2/24, Error ellipse: s-maj=31.9km s-min=13.6km az=57.0.

ISC 29 13:21:34.3-2.3, 7.90N-10.08-94.1E, 0.1, h47km, 19km, n64, 1918/62, mb4.5/36, MS4.2/3, 2C-1D, Nicobar Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Hydrabad, KMI, Kuning, etc.

IDC 29 13:07:03.8-0.8, 7.66N-94.01E, mb4.4/14, mb1 4.6/15, mb1mx4.5/20, mbmtmp4.4/15, ML4.8/1, Error ellipse: s-maj=38.1km s-min=18.7km az=48.0, Nicobar Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Chiang Mai Arr, SONGINGO, ZAL, etc.

Bull 29 13:07:05.0, 7.41N-93.34E, h30km, mb4.9, mb4.4, Ms4.3, MOS 29 13:07:08.0, 1.5, 7.99N-94.03E, h33km, mb5.0/5, Error ellipse: s-maj=25.8km s-min=13.5km az=103.1, IDC 29 13:07:08.1, 2.7, 6.0N-93.81E, mb4.3/6, mb1 4.6/7, mb1mx4.3/19, mbmtmp4.4/7, ML4.8/1, Error ellipse: s-maj=49.0km s-min=25.6km az=66.0, IDC 29 13:07:10.8, 0.7, 6.0N-93.87E, h30km, mb4.7/1, Error ellipse: s-maj=22.2km s-min=15.6km az=220.0.

ISC 29 13:21:34.3-2.3, 7.90N-10.08-94.1E, 0.1, h47km, 19km, n64, 1918/62, mb4.5/36, MS4.2/3, 2C-1D, Nicobar Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Hydrabad, KMI, Kuning, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBNSK, TIKSI, JOENSUU, FINES, LBTT, LBTT, LBTT, ARCES, GERES, KHC, NB2, NOA, LPGA, SYO, RES, PDAR, PLCA.

NEIC 29 13:27:00.0, 32.37S-71.77W, h23km, ML3.6(GUC), After GUC. GUC 29 13:27:00.0, 32.37S-71.77W, h23km, MD3.5, ML3.6, 10C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PACH, IHA, PTCH, ROCH, ICH, JACH, LCO, PEL, PUEX, RCDM, STL, DSCH, CLCH, CLCH, TACH, FSR, ANTU, FCH, LNV, PCH, CHCH, LMEL, CACH, TACH, MDZ.

ISC 29 14:02:57.9, 1.0, 7.71N-93.97E, mb3.7/10, mb1.3/9/11, mb1mx3.8/19, mbtmp3.7/11, ML3.5/1, Error ellipse: s-maj=40.8km s-min=19.6km az=51.0

NEIC 29 13:41:02.5, 0.7, 7.72N-93.99E, h30km, mb4.1/1, Error ellipse: s-maj=20.8km s-min=13.2km az=62.0

ISC 29 13:41:00.8, 0.8, 7.8N-101.94E, h2.0, h30km, n15, c090/14, mb3.9/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, KURK, WRA, BVAR, ASAR, BRTR, AKASG, FINES, GERES, NB2, NOA, PDAR.

ISC 29 14:35:34.9, 2.1, 8.00N-93.64E, mb3.8/4, mb1.3/9/5, mb1mx3.7/18, mbtmp3.7/5, ML3.8/1, Error ellipse:

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, WRA, ASAR.

ISC 29 13:49:16.0, 11.0, 8.21N-94.20E, h93km, mb3.2/5, mb1.3/4/6, mb1mx3.8/18, mbtmp3.5/6, ML3.2/1, Error ellipse: s-maj=117.1km s-min=22.9km az=60.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, WRA, ASAR, FINES.

IGQ 29 13:56:50.8, 2.29S-80.28W, h12km, mb4.3/3, 7C-7D, Error ellipse: s-maj=14.8km s-min=5.0km az=173.4, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA, IGUA, ARRY, CUSU, PATA, PATA, JUIV, JUIV, JAMA, RETU, RETU, ULBA, ULBA, RUN2, RUN2, PISA, PISA, MAGD, NAS1, TAMB, TAMB, WCI, WCI, JUJ2, JUJ2, JUJ2, TERV, PINO, PINO, YANA, YANA, ANTI, ANTI, CAYR, CAYR, COTA, COTA, CAYA, CAYA.

ISC 29 14:01:27.4, 1.7, 25.58S-176.06W, mb4.2/9, mb1.4/3/9, mb1mx4.2/15, mbtmp4.1/9, MS4.2/4, Ms1.4/2.4, ms15M3.3/25, Error ellipse: s-maj=81.8km s-min=21.4km

NEIC 29 14:01:28.8, 0.7, 25.33S-176.24W, h10km, mb4.3/6, Error ellipse: s-maj=29.3km s-min=14.6km az=157.0

ISC 29 14:01:27.7, 0.8, 25.45S-176.3W, 0.1, h10km, n26, c1925/20, mb4.2/11, MS4.2/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBI, TBI, TBI, PPT, PPT, CTA, CTA, CTA, STKA, STKA, STKA, PMG, PMG, PMG, ASAR, ASAR, ASAR, WRA, WRA, WRA, GSPA, GSPA, USHA, USHA, NVAR, NVAR, NVAR, MCK, MCK, PDAR, ILAR, ILAR, CMAR, CMAR, NB2, NB2, NOA, NOA, AKASG, AKASG, BRTR, BRTR.

ISC 29 14:15:45.2, 3.0, 7.86N-93.70E, mb3.5/3, mb1.3/7/4, mb1mx3.5/18, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=92.8km s-min=30.4km az=69.0, Nicobar Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ZAL, WRA.

JMA 29 14:23:55.3, 34.77N-136.73E, h17km, Mb3.8, Broadband fault plane solution: P waves. NP1:phi=148, delta=1.40, NP2:phi=28, delta=2.129, Principal axes: T P165, Azm348; N P134; Azm187; P P169; Azm91; JMA Felt II J1

NIED 29 14:20:40.34, 80N:136.70E, h6km, Mw3.4 Best double couple: Mb1.4x10^14 N1:phi=142, delta=7, h56, NP2:phi=22, delta=1, h142

ISC 29 14:23:55.5, 0.7, 34.77N-136.73E, h10km, Mb3.8, n8, c093/15, 2C-3D, Western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TSUJ, TSUJ, JIE, JIE, JAA, JAA, JHE, JHE, JGM, JGM, TK04, TK04, JWY, JWY, MAT, MAT.

ISC 29 14:24:53.3, 1.7, 9.42N-93.83E, mb3.8/4, mb1.4/0/5, mb1mx3.6/19, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=68.4km s-min=24.0km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, BVAR, WRA, ARCES.

WEL 29 14:40:09.9, 0.4, 36.03S-178.50E, h213km, gkm, ML3.8/7, Error ellipse: s-maj=8.6km s-min=7.3km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PUZ, PUZ, MWZ, MWZ, TRV, TRV, URZ, URZ, KNZ, KNZ, BKZ, BKZ, Pawanui, Pawanui, BFZ, BFZ.

ISC 29 14:43:41.1, 4.7, 29.90S-178.24W, mb3.5/2, mb1.3/7/2, mb1mx3.6/13, mbtmp3.5/2, MS4.5/1, Ms1.4/5/1, ms1mx3.1/10, Error ellipse: s-maj=211.0km s-min=76.8km az=165.0, Keradara Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA, ASAR, WRA, FINES.

ISC 29 14:43:52.4, 1.2, 7.34N-93.94E, mb3.8/8, mb1.3/9/8, mb1mx3.8/19, mbtmp3.8/8, Error ellipse: s-maj=50.7km s-min=21.6km az=56.0

NEIC 29 14:43:57.0, 0.8, 7.33N-93.94E, h30km, mb4.4/3, Error ellipse: s-maj=22.8km s-min=14.5km az=57.0

ISC 29 14:43:55.3, 0.9, 7.4N-101.94E, h2.0, h30km, n13, c090/13, mb4.0/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, TATO, SONM, KURK, ZAL, WRA, BVAR, ASAR, CHKZ, ARU, FINES, HFS, NOA.

LGD 29 14:43:51.0, 3.1, 5.0, 15.78N-61.55W, h10km, Mb4.9/18, Ms3.7/6, Error ellipse: s-maj=16.6km s-min=4.5km az=83.0

ISC 29 14:45:31.4, 0.5, 15.74N-61.69W, mb4.4/25, mb1.4/6/28, mb1mx4.6/30, mbtmp4.5/28, ML3.8/2, MS3.6/8, Ms1.3/6/8, ms1mx3.3/26, Error ellipse: s-maj=12.4km s-min=11.9km az=34.0

TRN 29 14:45:35.1, 15.83N-61.55W, h1km, MD4.7, M4.4(FDF), MD4.2(FDF)

NEIC 29 14:45:35.0, 0.5, 15.79N-61.64W, h20km, gkm, mb4.8/39, MS4.0/2, MD4.4(STR), Error ellipse: s-maj=5.4km s-min=3.2km az=205.0

NEIC Felt [V] on Guadalupe and [II] on Martinique. BUJ 29 14:45:35.0, 15.80N-61.60W, h20km, mb5.3, Ms4.8, Ms2.5

ISC 29 14:45:34.2, 0.3, 15.81N-62.61E, h58W, 0.03, h28km, 2km, n155, c090/163, mb4.6/60, MS3.7.5, 14C-4D, Leeward Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DOG, SCG, MGG, BCG.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BBL Barber's Block, MDN Morne-Daniel, DBCT Belle View Cho, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like YKWK Yellowknife Ar, LDF La Druittiere, RJF 146nm,21.8s, CAF Calviac, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CANB Canakkale, HENT Hendek, HENT HENT, etc.

Table with columns: YAK, Yakutsk, 59.74 18 eP, P, 16 38 03.2 +0.1, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names.

IGQ 29 16:36:31.6, 0.855-81.26W, h33km, mb4.1, 4C-3D, Error ellipse: s-maj=6.6km s-min=4.2km az=8.1, Off coast of Ecuador

Table with columns: JAMA, JAMA, 1.21 61 P, P, 16 33 53.6 -1.1, etc. Lists stations and their coordinates.

IGQ 29 16:36:25.2, 1.53S-81.05W, h12km, mb4.1, 1C, Error ellipse: s-maj=8.0km s-min=5.9km az=13.6, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names.

IDC 29 16:36:48.0, 0.6, 7.85N-93.87E, mb4.4/24, mb1 4.5/25, mb1mx4.5/29, mb1mp4.4/25, ML4.4/1, MS4.5/20, Ms1 4.5/20, ms1mx4.4/27, Error ellipse: s-maj=28.4km s-min=12.1km az=49.0

MOS 29 16:36:53.5, 1.5, 7.98N-94.07E, h33km, mb5.3/46, MS4.6/9, Error ellipse: s-maj=9.8km s-min=5.6km az=119.4

BUI 29 16:36:54.8, 7.72N-94.13E, h62km, mb5.3, mb4.9, MS4.9, MS4.7

CSEM 29 16:36:55.7, 8.28N-93.98E, h33km, mb5.5, HRVD 29 16:36:56.2, 0.3, 8.05N-94.26E, h12km, MW5.0/60, Centroid moment tensor solution. LP body waves: s16c22, Mantle waves: s60c105; Half duration: 0.0

NEIC 29 16:36:56.2, 1.2, 8.01N-94.11E, h43km, mb5.1/53, MS4.4/2, Error ellipse: s-maj=8.6km s-min=6.7km az=221.0

ISC 29 16:36:51.2, 0.2, 7.93N, 0.04-94.21E, 0.04, h20km, h20km, 1.9km, pP, P, m23.2, r130/230, mb4.9/79, MS4.6/34, GC-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names.

Table with columns: NDI, NDI, comp=Z,174nm,1.3s, e, pP, 16 42 34.5 +2.7, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BC3A, IMA, DAWY, ANM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, NORSAR Array B, FINES, HFS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EQES, Quesada, EQES, etc.

MDD 29 16:42:58.5, 0.4, 36.49N, 3.86W, mbLq2, 6/13, Error ellipse: s-maj=4.4km s-min=3.0km az=3.0, PRXIMO

SFS 29 16:42:57.0, 0.36, 36.56N, 0.03, 3.84W, 0.03, h12km, 4km, n55, i12275, 4C, Strait of Gibraltar

CSEM 29 16:42:59.2, 0.1, 36.48N, 3.86W, h8km, ML2.7/4, Error ellipse: s-maj=2.4km s-min=1.8km az=9.0

ISC 29 16:42:57.0, 0.36, 36.56N, 0.03, 3.84W, 0.03, h12km, 4km, n55, i12275, 4C, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELOJ, Sierra Loja, ELOJ, etc.

ICD 29 16:43:43.6, 0.9, 8.07N, 94.26E, mb3.9/10, 3.9/11, mb1mx3.8/21, mbmp3.8/11, ML3.4/1, Error ellipse: s-maj=49.7km s-min=19.5km az=49.0

ISC 29 16:43:47.1, 0.8, 8.1N, 0.1, 94.3E, 0.1, h33km, n12, o097/11, mb3.8/10, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, Chiang Mai Arr, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IFIR, DAMV, IDMV, etc.

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

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

IDC 29 18:14:08.2-8.1, 6.97N-94.16E, mb3.9/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=202.0km s-min=48.9km az=140.0, Nicobar

IDC 29 18:14:08.2-8.1, 6.97N-94.16E, mb3.9/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=202.0km s-min=48.9km az=140.0, Nicobar

IDC 29 18:14:08.2-8.1, 6.97N-94.16E, mb3.9/4, mb1 4.0/5, mb1mx3.7/18, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=202.0km s-min=48.9km az=140.0, Nicobar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMAR, SONM, ZAL, etc.

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

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

IGQ 29 18:14:47.0, 0.89S, 81.22W, h6km, 7km, mb4.0, 1C, Error ellipse: s-maj=14.1km s-min=5.2km az=13.1, Off coast of Ecuador

IGQ 29 18:14:47.0, 0.89S, 81.22W, h6km, 7km, mb4.0, 1C, Error ellipse: s-maj=14.1km s-min=5.2km az=13.1, Off coast of Ecuador

IGQ 29 18:14:47.0, 0.89S, 81.22W, h6km, 7km, mb4.0, 1C, Error ellipse: s-maj=14.1km s-min=5.2km az=13.1, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HOJA, JAMA, IGUA, etc.

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

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

NEIC 29 18:17:11.8, 17.64N-94.71W, h134km, MD4.1(MEX), After MEX.

NEIC 29 18:17:11.8, 17.64N-94.71W, h134km, MD4.1(MEX), After MEX.

NEIC 29 18:17:11.8, 17.64N-94.71W, h134km, MD4.1(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMIG, EVV, OXX, etc.

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

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

CSEM 29 18:20:53.1, 5.62N-94.33E, h2km, mb5.5, BUJ 29 18:20:56.8, 5.27N-94.22E, h43km, mb5.3, mb5.5, Ms4.8, Ms2.7

CSEM 29 18:20:53.1, 5.62N-94.33E, h2km, mb5.5, BUJ 29 18:20:56.8, 5.27N-94.22E, h43km, mb5.3, mb5.5, Ms4.8, Ms2.7

CSEM 29 18:20:53.1, 5.62N-94.33E, h2km, mb5.5, BUJ 29 18:20:56.8, 5.27N-94.22E, h43km, mb5.3, mb5.5, Ms4.8, Ms2.7

MOS 29 18:20:58.6, 0.9, 5.52N-94.33E, h43km, mb5.5/8.9, MS4.8/14, Error ellipse: s-maj=7.5km s-min=4.1km az=120.8

MOS 29 18:20:58.6, 0.9, 5.52N-94.33E, h43km, mb5.5/8.9, MS4.8/14, Error ellipse: s-maj=7.5km s-min=4.1km az=120.8

MOS 29 18:20:58.6, 0.9, 5.52N-94.33E, h43km, mb5.5/8.9, MS4.8/14, Error ellipse: s-maj=7.5km s-min=4.1km az=120.8

HRVD 29 18:20:58.6, 0.3, 5.25N-94.15E, h46km, MW5.1/5.0, Centroid moment Tensor Solution. LP body waves: s38, c61, Mantle waves: s50, c83; Half duration: 0 Moment tensor: Scale 10^19Nm; Mw=5.24, 2.6; Mw=2.59; 1.7; Mw=2.66; 1.9; Mw=2.15; 1.3; Mw=3.15; 1.2; Mw=2.03; 1.6; Best double couple: M6.25, 1.019; NP1.9, 3.1; 9.2; NP2.9, 1.34; 8.59; 1.89; Principal axes: T, 5.985, Plg76; Azm41; N, 524, Plg1; Azm135; P, 6.518, Plg14; Azm225; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

HRVD 29 18:20:58.6, 0.3, 5.25N-94.15E, h46km, MW5.1/5.0, Centroid moment Tensor Solution. LP body waves: s38, c61, Mantle waves: s50, c83; Half duration: 0 Moment tensor: Scale 10^19Nm; Mw=5.24, 2.6; Mw=2.59; 1.7; Mw=2.66; 1.9; Mw=2.15; 1.3; Mw=3.15; 1.2; Mw=2.03; 1.6; Best double couple: M6.25, 1.019; NP1.9, 3.1; 9.2; NP2.9, 1.34; 8.59; 1.89; Principal axes: T, 5.985, Plg76; Azm41; N, 524, Plg1; Azm135; P, 6.518, Plg14; Azm225; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

HRVD 29 18:20:58.6, 0.3, 5.25N-94.15E, h46km, MW5.1/5.0, Centroid moment Tensor Solution. LP body waves: s38, c61, Mantle waves: s50, c83; Half duration: 0 Moment tensor: Scale 10^19Nm; Mw=5.24, 2.6; Mw=2.59; 1.7; Mw=2.66; 1.9; Mw=2.15; 1.3; Mw=3.15; 1.2; Mw=2.03; 1.6; Best double couple: M6.25, 1.019; NP1.9, 3.1; 9.2; NP2.9, 1.34; 8.59; 1.89; Principal axes: T, 5.985, Plg76; Azm41; N, 524, Plg1; Azm135; P, 6.518, Plg14; Azm225; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PBA, NNT, NST, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OTRP, BOAC, ABRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CHMS, EK2S, USP, etc.

29d 18h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TLY Talaya, WRA Warramunga Arr, WRAB Tennant Creek, etc.

2005 JAN

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KIV Kislovodsk, KIV Jabal al Asfar, ELZG Malatya, etc.

1186

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SEY SEY, SEY comp=N,20nm,0.9s, SEY comp=Z,30nm,0.9s,mb5.2, etc.

29d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BHPL Bhopal, POO Pooni, NDI New Delhi, etc.

2005 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KMBO Kilima Mbogo, ASF Jabal al Asfar, EIL Eliat, etc.

1188

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GRA1 Grafenberg Arr, GRA1 Grafenberg Arr, etc.

CSEM 29 18:46:00.0, 37.71N-44.00E, h29km, MD3.6, After ISK
ISK 29 18:46:00.0, 37.71N-44.00E, h29km, MD3.6, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HKR Hakkari, VANT Van, etc.

IDC 29 18:46:02.8, 1.1, 7.89N-93.93E, mb3.9/8, mb1 4 1/9,
mb1mx3.9/19, mbtmp3.9/9, ML3.8/1, Error ellipse:
s-maj=45.8km s-min=21.1km az=57.0

ISC 29 18:46:06.0, 0.9, 7.9N-1.94, 0E-0.2, h33km, m16,
o084/15, mb0.4/0.10, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR Chiang Mail Arr, JIRN Jiri, etc.

IDC 29 18:46:12.7, 1.4, 7.95N-93.83E, mb3.6/5, mb1 3/8/6,
mb1mx3.7/18, mbtmp3.5/6, ML3.7/1, Error ellipse:
s-maj=50.4km s-min=22.9km az=61.0, Nicobar Islands region

ISC 29 19:03:54.1-0.3,38.17N±0.02,26.77E±0.03,h10km,n46,

±0.92/60, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like BLCB, KDAG, SMG, AYDN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like KMI, COCO, ALBI, GQA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like SONM, ULN, SNY, ZAK, etc.

JMA 29 19:04:35.5-0.1,26.64N±129.59E,h44km,M3.5,Ryukyu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like JOW, JTK, JJK, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like LZH, LNZ, LSH, etc.

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

IDC 29 19:06:10.8-0.4,7.71N-94.02E,mb4.5/29,mb1 4.6/30,

mb1mx4.6/32,mbmp4.5/30,ML5.0/1,MS4.7/17,MS1 4.7/17,

ms1mx4.5/24, Error ellipse: s-maj=23.8km s-min=10.9km

az=49.0

BUI 29 19:06:13.8,7.41N±93.87E,h47km,mb5.3,mb4.9,MS5.2,

MS4.9

MOS 29 19:06:14.5,1.2,7.79N-94.21E,h33km,mb5.2/39,

MS4.8/7, Error ellipse: s-maj=10.9km s-min=5.9km

az=15.1

HRV 29 19:06:15.7-0.2,7.72N-94.29E,h15km,1km,MW5.3/59,

Centroid moment Tensor Solution. LP body waves:

s=37.2°; Mantle waves: s=50.110°; Half duration: 1.1

Moment tensor: Scale 10¹⁷Nm; M=0.16±.02;

M₀=0.79±.02; M₁₀=0.94±.02; M₂₀=0.35±.07; M₃₀=0.08±.02;

M₄₀=0.28±.07; Best double couple: M₀.992×10¹⁷ NPI:

Q₁=134°, δ₁=171°, NP₂=40°, δ₂=28°, λ=28°. Principal axes: T 1.017, Plg14°, Azm90°; N-.051, Plg61°, Azm206°;

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like WMO, SSE, SSS, etc.

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

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

INMG 29:19:24:13.8:0.7,36.80N:7.50W,h27km,7km,ML1.8,Error ellipse: s-maj=9.1km s-min=4.7km az=103.0

MDD 29:19:24:12.9:1.1,36.76N:7.44W,h44km,24km,mb4.0/10,4C,Error ellipse: s-maj=11.2km s-min=5.9km az=26.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like PALC Alcoutim, EGRO El Granado, EMIN Mina Concepcio, etc.

ICD 29:19:26:24.1:1.4,8.00N:94.07E,mb3.8/6,mb1 4.0/7,mb1mx3.7/19,mbimp3.8/7,ML3.5/1,Error ellipse: s-maj=46.0km s-min=28.6km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like CMAR Chiang Mai Arr, JIRN Jiri, DMN Daman, etc.

ICD 29:19:26:45.3:1.1,7.34N:92.26E,mb4.0/8,mb1 4.2/9,mb1mx4.0/19,mbimp4.0/9,ML4.0/1,Error ellipse: s-maj=60.9km s-min=17.5km az=56.0

NEIC 29:19:26:49.0:0.5,7.13N:92.04E,h30km,mb4.7/5,Error ellipse: s-maj=14.0km s-min=9.3km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, etc.

PDAR Pinedale Array 126.57 20 PKP PKPdf 19:45 49.5 +1.7

CSEM 29:19:27:41.3:0.2,38.29N:26.73E,h25km,MD3.4,Error ellipse: s-maj=5.8km s-min=3.8km az=129.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like BLBC Balcova, ZBLC Balcova, IZM Izmir, etc.

INMG 29:19:28:31.5:1.2,36.89N:7.67W,h26km,4km,ML3.1,Error ellipse: s-maj=3.6km s-min=2.9km az=42.0

IGIL 29:19:28:31.3,36.90N:7.70W,h27km,ML2.7

CSEM 29:19:28:31.7:0.2,37.12N:7.35W,h88km,4km,ML3.7/1,Error ellipse: s-maj=5.3km s-min=2.6km az=39.0

SFS 29:19:28:31.0,36.94N:7.62W

NEIC 29:19:28:31.8,36.94N:7.62W,h30km,MN2.8(MDD),After MDD

CNRN 29:19:28:34.0,36.60N:7.51W,h30km,MD3.5

MDD 29:19:28:31.4:0.6,36.91N:7.64W,h42km,12km,mb4.1/25,3C-11D,Error ellipse: s-maj=6.4km s-min=3.7km az=40.0, PRXIMO, Strait of Gibraltar

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

ICD 29:19:26:45.3:1.1,7.34N:92.26E,mb4.0/8,mb1 4.2/9,mb1mx4.0/19,mbimp4.0/9,ML4.0/1,Error ellipse: s-maj=60.9km s-min=17.5km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like LIS Lisbon, PLOU Loures, EMIJ Mijas, etc.

ELUO Luque 2.77 75 P P 19:29 12.9 -1.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Lists stations like ELUO Luque, ELUO Luque, ELUO Luque, etc.

EBER Berja 3.81 89 P P 19:29 28.2 -1.0

EBER Berja 3.81 89 P P 19:29 28.2 -1.0

EBER Berja 3.81 89 P P 19:29 28.2 -1.0

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EBER Berja 3.81 89 P P 19:29 28.2 -1.0

EBER Berja 3.81 89 P P 19:29 28.2 -1.0

EBER Berja 3.81 89 P P 19:29 28.2 -1.0

29d 19h

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

IDC 29 19:31:20.7-0.9, 7.80N-94.33E, mb3.8/10, mb1 4.0/11, mb1mx3.9/20, mbtmp3.8/11, ML3.7/1, Error ellipse: s-maj=35.8km s-min=19.6km az=46.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Jirn, DMN, KKN, GKN, etc.

IDC 29 19:34:23.0-0.9, 7.67N-93.81E, mb3.9/10, mb1 4.0/11, mb1mx3.9/10, mbtmp3.9/11, ML3.7/1, Error ellipse: s-maj=39.8km s-min=19.8km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Jirn, PKI, DMN, etc.

IDC 29 19:39:12.9-1.1, 13.66N-92.92E, mb3.9/10, mb1 4.0/11, mb1mx3.9/20, mbtmp3.9/11, ML3.6/1, Error ellipse: s-maj=38.3km s-min=20.5km az=51.0

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

2005 JAN

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

IDC 29 19:41:22.0-6.4, 6.98N-94.31E, mb3.9/5, mb1 4.1/6, mb1mx3.7/19, mbtmp3.9/6, ML4.4/1, Error ellipse: s-maj=145.6km s-min=56.4km az=142.0, Nicobar Islands region

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

CSEM 29 19:42:00.4-0.5, 38.63N-28.50W, h1km, ML2.3, Error ellipse: s-maj=14.1km s-min=9.2km az=135.0, After PDA PDA 29 19:42:00.4-1.5, 38.63N-28.50W, h1km, 7km, MD3.0, ML2.3, Error ellipse: s-maj=4.8km s-min=3.4km az=17.0

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

MDD 29 19:44:02.3-0.5, 36.47N-3.82W, mbLq2.3/7, Error ellipse: s-maj=5.1km s-min=3.3km az=6.0, PRXIMO CSEM 29 19:44:03.6-0.5, 36.54N-3.76W, h6km, 6km, ML2.5/2, Error ellipse: s-maj=12.1km s-min=2.6km az=176.0

SFS 29 19:44:28.0, 36.42N-3.82W, Error ellipse: s-maj=12.1km s-min=2.6km az=176.0

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

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

BUI 29 19:46:34.1, 63.00N-144.10W, h13km, mb4.2, mb4.6, Ms4.3, Msz4.1, IDC 29 19:46:35.2-1.7, 63.05N-144.10W, mb4.1/20, mb1 4.3/23, mb1mx4.2/27, mbtmp4.1/23, ML3.9/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/31, Error ellipse: s-maj=18.5km s-min=8.6km az=44.0

NEIC 29 19:46:35.1, 63.02N-144.12W, h13km, mb4.3/4, ML4.4(PMR), ML4.2(AEIC), After AEIC, PGC 29 19:46:37.1, 63.04N-143.94W, h15km, ML4.3/3, Eastern Alaska

IDC 29 19:46:34.9-0.2, 63.08N-143.93W, 0.05, h13km, n79, r121/93, mb4.1/21, Central Alaska

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKW3, YKW3, YKW3, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like DPC Dobruska-Polom, PRU Pruhonice, AKASG Malin Array Be, etc.

1195: IDC 29 19:47:53.3±0.7, 8.15N-94.32E, mb4.1/14, mb1 4.2/15, mb1mx4.1/21, mbtmp4.0/15, ML3.4/1, Error ellipse: s-maj=25.6km s-min=17.0km az=63.0

NEIC 29 19:47:57.0±0.4, 8.13N-94.46E, h33km, mb4.5/4, Error ellipse: s-maj=13.6km s-min=9.3km az=81.0

BUI 29 19:48:00.9±0.6, 0.06N-93.55E, h52km, mb4.4

ISC 29 19:47:56.4±0.6, 8.18N-0.06E, 94.5E±0.1, h33km, n28, +1824/24, mb4.0/15, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, AAK Alice Springs, etc.

1195: IDC 29 19:53:27.1±0.8, 8.35N-94.09E, mb3.9/9, mb1 4.0/10, mb1mx3.9/19, mbtmp3.9/10, ML3.8/1, MS3.1/1, MS1 3.3/1, ms1mx2.6/27, Error ellipse: s-maj=33.2km s-min=19.7km az=55.0

ISC 29 19:53:29.6±0.8, 8.2N±0.1-94.0E±0.1, h33km, n17, +092/16, mb4.0/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, etc.

1195: IDC 29 19:54:24.9±0.7, 7.00N-94.01E, mb3.7/5, mb1 3.9/6, mb1mx3.6/19, mbtmp3.7/6, ML4.2/1, Error ellipse: s-maj=152.3km s-min=50.2km az=147.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

1195: IDC 29 19:59:39.5±0.7, 7.91N-94.17E, mb3.9/13, mb1 4.0/14, mb1mx3.9/20, mbtmp3.8/14, ML3.3/1, Error ellipse: s-maj=25.9km s-min=17.8km az=61.0

ISC 29 19:59:42.7±0.6, 7.91N±0.1-94.2E±0.1, h33km, n15, +089/14, mb3.9/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KMBO Kilima Mbogo, ASR Jabal al Asfar, BRF Keskin Array B, etc.

1195: BUI 29 20:01:52.1±0.7, 6.68N-93.86E, h37km, mb5.4, mb4.9, Ms5.2, Ms2.9

IDC 29 20:01:54.0±0.3, 8.09N-94.13E, h19km, mb4.6/26, mb1 4.7/27, mb1mx4.7/28, mbtmp4.7/27, ML4.7/1, MS4.7/13, MS1 4.7/13, ms1mx4.3/32, Error ellipse: s-maj=19.1km s-min=6.6km az=53.0

MOS 29 20:01:54.6±0.9, 8.10N-94.20E, h33km, mb5.4/74, MS4.8/12, Error ellipse: s-maj=8.8km s-min=4.5km az=122.7

NEIC 29 20:01:54.3±0.1, 8.06N-94.15E, mb5.2/89, MS4.8/6, Error ellipse: s-maj=5.5km s-min=3.8km az=48.0

HRVD 29 20:01:54.3±0.2, 8.10N-94.22E, h12km, MW5.2/46, Centroid moment Tensor Solution. LP body waves: s38,c57,Mantle waves: s46,c86; Half duration: 1s0 Moment tensor: Scale 10^17Nm; Mr=0.48±0.2; Mw=0.11±0.2; Mww0.59±0.2; Mw0.43±0.6; Mw0.52±0.2; Mw-0.27±0.6; Best double couple: Mx: 905x10^17 NPI: +6.242; +5.77; -1.37; NP2: +354; +860; -141; Principal axes: T: 869; P: 869; Azm: 71; N: 071; Plg42; Azm26; P: -94; Plg48; Azm209; nsta1 refers to body waves; cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ISC 29 20:01:52.5±0.2, 8.02N±0.03-94.24E±0.03, h21km, h21km±4km; pp-P, n396, +109/375, mb5.1/124, MS4.8/33, 21C-22D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PBA Port Blair, NNT Nongplab, NST Nakhon Sawan, etc.

1195: IDC 29 20:08:52.2±1.8, 20 08 52.2 ±1.8

ISC 29 20:08:52.2±1.8, 20 08 52.2 ±1.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KOD Kodaikanal, TRD Trivandrum, SHL Shillong, etc.

1195: IDC 29 20:16:18.4±4.7, 20 06 18.4 ±4.7

ISC 29 20:16:18.4±4.7, 20 06 18.4 ±4.7

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

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

1195: IDC 29 20:07:59.0±3.3, 20 07 59.0 ±3.3

ISC 29 20:07:59.0±3.3, 20 07 59.0 ±3.3

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

1195: IDC 29 20:08:52.2±1.8, 20 08 52.2 ±1.8

ISC 29 20:08:52.2±1.8, 20 08 52.2 ±1.8

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

1195: IDC 29 20:09:05.2±3.0, 20 09 05.2 ±3.0

ISC 29 20:09:05.2±3.0, 20 09 05.2 ±3.0

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

29d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, KURK Kurchatov, VNSA Vanda, etc.

IDC 29d20:19:00.0-0.6, 7.99N-93.95E, mb4.3/19, mb1 4.4/20, mb1mx4.4/24, mbmp4.3/20, ML4.6/1, MS4.7/1, Ms1 4.9/1, ms1mx3.1/27, Error ellipse: s-maj=33.6km s-min=14.9km az=52.0

BUI 29d20:19:04.9, 7.83N-93.70E, h46km, mb5.2, mb4.6, Ms5.0, Ms2.7

NEIC 29d20:19:04.7-0.3, 8.00N-94.14E, h30km, mb4.8/27, Error ellipse: s-maj=11.2km s-min=8.1km az=49.0

ISC 29d20:19:03.4-0.3, 7.90N-100.05E, 0.95, h33km, n78, a15227/11, mb4.7/46, IC, Nicobar Islands region

Main station list for 29d 20h, including CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR West Island, JIRN Jiri, PKI Pulchoki, DMN Daman, KSN Kakani, LKA Lhasa, etc.

2005 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NOA NORSAR Array B, DAVOX Davos, TNA Tin City, etc.

NEIC 29d20:23:14.3-0.4, 8.06N-94.18E, h30km, mb4.3/8, Error ellipse: s-maj=16.0km s-min=10.8km az=55.0

IDC 29d20:23:16.4-9.3, 8.21N-94.31E, h44km, 87km, mb3.9/15, mb1 4.0/15, mb1mx3.9/20, mbmp4.1/15, Error ellipse: s-maj=28.1km s-min=19.0km az=41.0

ISC 29d20:23:12.4-0.6, 8.1N-101.94E, 0.1, h30km, n29, a15127/12, mb4.1/23, Nicobar Islands region

Main station list for 2005 JAN, including CM31 Chiang Mai Arr, AAK Ala-Archa, SONL Songino Array, ULN Ulanbaatar, KURK Kuratov, ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, KMBO Kilima Mbogo, EIL Elat, BRTR Keskin Array B, AKASG Malin Array B, etc.

TIR 29d20:23:48.9, 42.61N-18.90E, h12km, M12.8

PDG 29d20:23:49.0, 42.64N-18.89E, h23km, 1km

PDG Felt at Daniloograd, Niksic, Grahovo IV MCS, NEIC 29d20:23:49.0, 42.64N-18.89E, h23km, ML3.1, Error ellipse: s-maj=3.0km s-min=2.2km az=53.0

THE 29d20:23:50.7, 42.52N-18.87E, h20km

ISC 29d20:23:49.3-0.3, 42.62N-18.88E, 0.02, h13km, 2km, n50, a15178/11, 15C-6D, Northwestern Balkan Peninsula

Main station list for 2005 JAN, including NKY Niksic, BRY Bratogost, HCY Herceg Novi, TTG Podgorica, BUM Brajici-Budva, TREB Trebinje, etc.

1198

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BARS Banja Luka, SVIS Svitajnac, BEO Belgrade, etc.

BUI 29d20:25:24.5, 7.69N-93.74E, h55km, mb5.1, mb4.4, Ms5.2, Ms2.0

NEIC 29d20:25:24.6-0.3, 7.96N-94.16E, h30km, mb4.8/20, Error ellipse: s-maj=10.1km s-min=7.0km az=52.0

IDC 29d20:25:54.4-7.8, 8.03N-94.18E, h72km, 43km, mb3.9/17, mb1 4.0/18, mb1mx4.0/23, mbmp4.2/18, ML3.6/1, Error ellipse: s-maj=25.2km s-min=12.3km az=50.0

ISC 29d20:25:23.4-0.4, 7.96N-100.06E, 0.94, 19E, 0.07, h33km, n70, a0596/63, mb4.6/37, Nicobar Islands region

Main station list for 1198, including CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, IMP Imphal, HYB Hyderabad, KMI Kunming, PKI Pulchoki, DMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, XAN Xi'an, WHN Wuhan, WMQ Urumqi, AAK Ala-Archa, SONL Songino Array, ULN Ulanbaatar, KURK Kuratov, NWAO Naroqin (SRO), ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, etc.

29d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTAG Charters Tower, ELZG Jabal al Afkar, and MORC Moravsky Berou.

2005 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, BOSB Boshof, and ZST Bratislava.

1200

Table with columns for station name, frequency, power, and other technical details. Includes stations like BNI Bardonecchia, BNI Bardonecchia, and BNI Bardonecchia.

IDC 29.20:34:21.8, 0.6, 8, 16N, 94, 23E, mb4.1/15, mb1 4.2/15, mb1mx4.2/21, mb1mp4.1/15, Error ellipse: s-maj=28.9km...

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like KMI Kunming, AAK Ala-Archa, and SONMI Songoing Array.

IDC 29.20:36:05.9, 0.6, 7, 72N, 93, 95E, mb4.3/20, mb1 4.4/21, mb1mx4.3/25, mb1mp4.2/21, ML4.3/1, Error ellipse: s-maj=27.5km...

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Palekele, HYB Hyderabad, etc.

MAN 29 20:37:28.8, 18.02N-120.61E, h22km, mb3.9, ML2.6, MS2.2, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABPA Dolores, APYP Conner, CVP Callao Caves, etc.

IGQ 29 20:42:55.2, 1.29S-81.07W, h14km, mb4.3, Error ellipse: s-maj=9.8km s-min=5.1km az=12.2

WRA 29 20:42:57.8, 1.6, 0.30S-79.29W, mb3.8/6, mb1.4/1.7, mb1mx3.9/19, mbtmp3.8/7, ML3.9/1, Error ellipse: s-maj=123.9km s-min=29.2km az=58.0

IGQ 29 20:42:59.1, 5.1, 2.6S-107.81W, h10km, mb3.9, ML2.6, n32, of16135, mb3.8/6, 7C-3D, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, MAG Magdalena, etc.

WRA Warramunga Arr 139.38 237 PKHKP 21 02 21.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 29 20:42:57.6, 5.7, 7.96N-94.82E, mb3.7/5, mb1 3/9/6, s-maj=135.6km s-min=48.8km az=141.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IGQ 29 20:45:42.2, 7.9, 8.19N-93.96E, h77km, mb5.8km, mb3.5/5, mb1 3/6/5, mb1mx3.1/8, mbtmp3.7/6, ML3.2/1, Error ellipse: s-maj=209.4km s-min=36.6km az=132.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IGQ 29 20:48:17.5, 1.54S-80.93W, h10km, mb4.0, 1C, Error ellipse: s-maj=29.4km s-min=6.3km az=0.6, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOJA Cerro de Hojas, JAMA Jama, IAGUA Iguata, etc.

IDC 29 20:48:56.2, 1.1, 7.70N-93.91E, mb3.9/7, mb1 3/9/8, mb1mx3.7/20, mbtmp3.8/8, ML3.2/1, Error ellipse: s-maj=40.5km s-min=24.6km az=74.0

IGQ 29 20:48:59.2, 1.0, 7.8N-101.94E, 0.2, h33km, n9, of85/8, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

NEIC 29 20:51:50.4, 0.5, 7.77N-94.16E, h30km, mb4.7/8, Error ellipse: s-maj=13.4km s-min=10.2km az=63.0

IDC 29 20:51:56.2, 4.7, 8.06N-94.38E, h71km, mb4.3km, mb3.7/15, mb1 3/8/16, mb1mx3.8/21, mbtmp4.0/16, ML3.7/1, Error ellipse: s-maj=27.4km s-min=14.9km az=55.0

IGQ 29 20:51:49.4, 0.6, 7.88N-106.94E, 0.1, h33km, n35, of103/33, mb4.3/25, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, LPGA La Plage, ESDC Sonsea Array, etc.

IDC 29 20:52:20.3, 6.2, 3.1, 50S-179.45W, h308km, mb3.4/4, mb1 3/6/5, mb1mx3.5/15, mbtmp4.1/5, Error ellipse: s-maj=61.5km s-min=37.6km az=17.0

NEIC 29 20:52:22.3, 3.1, 91.1, 28S-178.98W, h377km, 18km, mb3.7/2, Error ellipse: s-maj=44.9km s-min=18.9km az=53.0

IGQ 29 20:52:22.0, 1.1, 31.89S-109.179W, 0.2, h383km, n11km, n38, of86/47, mb3.6/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PUZ Puketiti, PUK Puketi, MZWA Matawai, etc.

2005 JAN

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BOD Bodaibo, GMI Garni, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, HAU Hau, etc.

Bottom section containing specific event details and coordinates, such as BUJ 29 21:01:05.8, 1.895x15.20W, h7km, mB5.4, Ms5.6, Msz5.3, etc.

29d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, STKA Stephens Creek, STKA Marble Bar, NWAO Narrogin (SRO), NWAO Narrogin (SRO), CMAR Chiang Mai Arr, SONM Songoing Array, VNDA Vanda, BVAR Borovoye Array, ILAR Eielson Array, GERES Geres Array B, DAVOX Davos, DBIC Dimbokro, DBIC Dimbokro.

NEIC 29 21:03:55.0±0.8, 17.665x178.87W, h529km, 10km, mb4.4/14, Error ellipse: s-maj=15.9km s-min=6.6km az=147.0

ISC 29 21:03:50.0±0.2, 17.775x178.93W, h576km, 32km, mb3.5/12, mb1.9, 7/12, mb1mx3.8/19, mbtmp4.4/12, Error ellipse: s-maj=26.9km s-min=13.7km az=153.0

ISC 29 21:03:54.5±1.3, 17.75±0.1x178.9W±0.1, h528km±18km, n7, c1076/33, mb4.2/23, 1C-2D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afamalu, RPA Rata Peaks, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, PMG Port Moresby, TAU Tasmania Univ, STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, KAKA Kakadu, FORT Forrest, FITZ Fitzroy Crossi, MBWA Marble Bar, KLBR Kellerberrong, NWAO Narrogin (SRO), MUND Munding, MAJ Matsushiro, KS15 Kunming, INVAR Inna Arr Bay, MCK McKinley, ILAR Eielson Array, TXAR Lajitas Array, PDAR Pinedale Array, INK Inuvik, YKA Yellowknife Ar, YKA Yellowknife Ar, BVAR Borovoye Array, BRTR Keskin Array B, CLL Collm, GERES Geres Array B, DAVOX Davos.

ISC 29 21:05:12.9±3.2, 7.55N-94.10E, mb3.8/5, mb1.3/9/6, mb1mx3.7/18, mbtmp3.1/6, ML3.6/1, Error ellipse: s-maj=86.0km s-min=38.1km az=126.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ZAL Zalesovo, KMBO Kilima Mboyo, FINES Finess Array B, GERES Geres Array B, PLCA Paso Flores, DAVOX Davos.

ATH 29 21:07:52.7, 38.12N-26.65E, h27km, 24km, MD3.0/3, CSEM 29 21:07:52.6±0.2, 38.22N-26.83E, h24km, 1km, MD3.2, Error ellipse: s-maj=6.3km s-min=3.8km az=128.0

ISC 29 21:07:52.5, 38.20N-26.81E, h21km, MD3.2, Error ellipse: s-maj=6.3km s-min=3.8km az=128.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BLCB Balcova, SMG Samos, IZM Izmir, KDAG Bornova, AYDN Tasoluk, AKNS Akhisar, PRK Paraskivi, AYVA Ayvalik.

2005 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AYVA Ayvalik, BDRM Kayabasi, BDRM Kayabasi, APE Apeiranthos, APE Apeiranthos, MANT Manisa, YER Yerkesik, DNZL Cakiroluk, DNZL Cakiroluk, KCT Karacabey.

CASC 29 21:09:34.3±1.9, 12.99N-89.17W, h35km, 999km, MD4.0, ML3.7, 10C-8D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LFRS El Faro, LCBLS La Ceiba, SNET Serv Nac Est T, SNET Serv Nac Est T, SNI San Vicente, SNI San Vicente, BOQS Boqueron, BOQS Boqueron, LBRS Las Brisas, LBRS Las Brisas, LFLA La Fuente, LFLA La Fuente, SBLSS San Blas, SBLSS San Blas, SNJE San Jose, SNJE San Jose, BRLM Beliamira, BRLM Beliamira, LLTJ El Retiro, LLTJ El Retiro, CAHU Caacucatque, CAHU Caacucatque, RBDL Robledal, RBDL Robledal, CNCH Conchagua, CNCH Conchagua, MTOZ Montecristo 2, MTOZ Montecristo 2, CRIN San Cristobal, CRIN San Cristobal, TEL3 Telica 3, TEL3 Telica 3, CNGN Cerro Negro, CNGN Cerro Negro, CNGN Copaltepe, CNGN Copaltepe, APYN Apoyeque, APYN Apoyeque, MGAN Managua, MGAN Managua.

ISC 29 21:10:24.8±7.2, 8.12N-94.38E, h48km, 66km, mb3.6/7, mb1.3/8, mb1mx3.6/19, mbtmp3.8/8, ML3.6/1, Error ellipse: s-maj=68.9km s-min=18.2km az=62.0

ISC 29 21:10:21.0±1.0, 9.8±0.1N, 104.4E±0.2, h33km, n9, c0849/8, mb3.9/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, NWAO Narrogin (SRO), ZAL Zalesovo, WRA Warramunga Arr, ASAR Alice Springs, FINES Finess Array B, GERES Geres Array B, PLCA Paso Flores.

NEIC 29 21:12:27.6±0.5, 7.95N-93.56E, h30km, mb4.2/4, Error ellipse: s-maj=16.2km s-min=10.4km az=67.0

ISC 29 21:12:34.3±5.2, 8.16N-93.95E, h88km, 48km, mb3.7/14, mb1.3/8/15, mb1mx3.8/21, mbtmp4.0/15, ML4.0/1, Error ellipse: s-maj=19.9km s-min=14.5km az=58.0

ISC 29 21:12:25.9±0.6, 8.00N-10.08E, 93.7E±0.1, h30km, n27, c110/27, mb4.2/19, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, HYB Hyderabad, JIRN Jiri, DJMN Daman, KKN Kakani, GKN Gorkha, KOLN Koldanda, AAK Ala-Archa, SONM Songoing Array, KURK Kurchatov, ZAL Zalesovo, NWAO Narrogin (SRO), WRA Warramunga Arr, WRAB Tennant Creek, BVAR Borovoye Array, ASAR Alice Springs, KMBO Kilima Mboyo, BRTR Keskin Array B, AKASG Malin Array B, IDI Anovia, FINES Finess Array B, ARCES ARCES Array B, GERES Geres Array B, NB2 NORARS Subarra, NOA NORARS Array B, ATH 29 21:12:50.3, 38.15N-26.84E, h30km, 20km, MD3.2/3, CSEM 29 21:12:50.3±0.1, 38.19N-26.73E, h15km, MD3.3, Error ellipse: s-maj=4.1km s-min=2.7km az=114.0, ISC 29 21:12:50.5±0.5, 38.17N-26.70E±0.04, h10km, n26, c1090/33, Aegean Sea

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMG Izmir, IZM Izmir, KDAG Bornova, AYDN Tasoluk, AKNS Akhisar, AKNS Akhisar, PRK Paraskivi, AYVA Ayvalik, MLSB Milyas, BDRM Kayabasi, APE Apeiranthos, APE Apeiranthos, MANT Manisa, YER Yerkesik, BALB Balikesir, BALB Balikesir, BOZC Bozcaada, BOZC Bozcaada, DENT Denizli, DENT Denizli, BTOK Tokmak, BTOK Tokmak, BTKL Cakiroklu, BTKL Cakiroklu, DLZL Dursunbey, DLZL Dursunbey, LIA Limnos Island, LIA Limnos Island, BNT Bandirma, BNT Bandirma, KCT Karacabey, KCT Karacabey, MHMT Marmara Adasi, MHMT Marmara Adasi, UNJE Ulanbator, UNJE Ulanbator, ULDT Uludag, ULDT Uludag.

ISC 29 21:17:46.8±7.6, 7.63N-94.85E, h116km, 64km, mb3.3/5, mb1.3/4/6, mb1mx3.2/19, mbtmp3.6/6, Error ellipse: s-maj=128.8km s-min=34.4km az=128.0

ISC 29 21:17:35.7±5.7, 7.5N-10.7±9.4E±0.8, h33km, n6, c1930/6, mb3.6/5, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, BVAR Borovoye Array, KMBO Kilima Mboyo, GERES Geres Array B.

ISC 29 21:26:04.7±1.4, 8.55N-93.57E, mb3.6/6, mb1.3/8/7, mb1mx3.7/18, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=50.5km s-min=23.2km az=60.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, WRA Warramunga Arr, ASAR Alice Springs, FINES Finess Array B, GERES Geres Array B.

ISC 29 21:29:40.3±0.5, 8.14N-94.22E, mb4.3/21, mb1.4/4/22, mb1mx3.4/25, mbtmp4.2/22, ML3.8/1, MS3.8/2, MS1.3/9/2, ms1mx2.9/25, Error ellipse: s-maj=25.9km s-min=12.5km az=46.0

BUI 29 21:29:44.9, 7.74N:93.69E, h51km, mb5.0, mb4.4, Ms4.3, Msz3.8

NEIC 29 21:29:44.6±0.3, 7.98N-94.12E, h30km, mb4.8/29, Error ellipse: s-maj=11.3km s-min=8.1km az=225.0

ISC 29 21:29:40.9±0.4, 7.94N-10.06E±0.6, 17E±0.06, mb1.6/8, mb1.6/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR, WISN Vishakhapatnam, BWNR Bhubaneswar, BWNR, BWNR, BWNR, KMI Kunming, COCO Westland, JIRN Jiri, PDKI Pulchri, PDKI Pulchri, KKN Kakani, LSA Lhasa, GKN Gorkha, KOLN Koldanda, BHPL Bhopal, POO Poona, POO Poona, NDI New Delhi, XAN Xi'an, XAN Xi'an, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, BJI Beijing, AAK Ala-Archa, SONM Songoing Array, SONM Songoing Array, ULN Ulanbator, ULN Ulanbator, SUN Shenyang, SUN Shenyang, KURK Kurchatov, KURK Kurchatov, NWAO Narrogin (SRO).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWA0 Nargino (SRO), ZAL Zalesovo, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 29 21:44:12.8.6, 8.9, 8.2N-93.55E, h80km, 67km, mb3.5/6, mb1.3.6/7, mb1mx3.3/19, mbtmp3.7/7, ML3.4/1, Error ellipse: s-maj=223.6km s-min=35.6km az=130.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 29 21:45:55.9.6, 6.4, 6.92N-93.95E, mb4.0/8, mb1.4/0/9, mb1mx3.8/2, mbtmp4.0/9, ML3.7/1, Error ellipse: s-maj=157.4km s-min=40.1km az=139.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAVOX Davos, IDC 29 21:48:22.1.7, 1.7, 18.08S-69.58W, h114km, 14km, mb4.0/7, etc.

IDC 29 21:50:37.8.5, 7.8, 8.2N-94.00E, h64km, 53km, mb3.5/10, mb1.3.6/11, mb1mx3.5/21, mbtmp3.7/11, ML3.3/1, Error ellipse: s-maj=33.9km s-min=17.9km az=61.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, ZAL Zalesovo, etc.

IDC 29 21:53:29.9.0, 5.7, 9.4N-94.27E, h30km, mb4.4/6, Error ellipse: s-maj=15.9km s-min=11.1km az=50.0, IDC 29 21:53:32.6.5, 2.7, 9.9N-94.23E, h49km, 49km, mb3.7/15, mb1.3.9/16, mb1mx3.7/23, mbtmp4.0/16, ML3.2/1, Error ellipse: s-maj=33.2km s-min=17.5km az=51.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, IDC 29 21:58:10.7, 14.0, 4.4, 4.1N-95.50E, h132km, 123km, mb3.6/7, etc.

IDC 29 21:57:57.8.1, 5.4, 4.3N-95.30E, h4.4, h33km, n10, o551/10, mb4.0/7, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 29 22:02:56.9.0, 7.7, 9.3N-94.09E, mb4.4/19, mb1.4.5/20, mb1mx4.5/24, mbtmp4.3/20, ML3.7/1, Error ellipse: s-maj=30.4km s-min=15.1km az=48.0, IDC 29 22:03:01.7, 0.3, 7.95N-94.14E, h30km, mb4.6/19, Error ellipse: s-maj=8.6km s-min=6.6km az=58.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Kiliwa Mbogo, Kislodovsk, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Plagne, Syowa Base, Tin City, Sonsea Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, NOA NORRAR Array B, IGQ 29 23:27:32.9, etc.

mb1mx3.6/17,mbtmt3.7/3, Error ellipse:
s-maj=172.6km s-min=31.8km az=65.0,Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SONM	Songino Array	40.49	12	Op	P	23 52 00.7	-1.6
ZAL	Zalesovo	46.01	352	P	P	23 52 45.2	-1.9
WRA	Warrungarra Arr	48.28	126	P	P	23 53 03.4	-2.0

MA2	Magadan	66.50	28	eP	P	23 55 58.0	+6.9
TIKI	Tiksi	67.02	11	eP	P	23 55 52.1	-2.2
AKASO	Malin Array Be	68.322	P	P	P	23 55 59.1	-2.8
IDI	Anoyia	68.593	P	P	P	23 56 04.4	-0.9
MLR	Muntele Rosu	69.23	316	P	P	23 56 06.8	-1.6
LSZ	Lusaka	69.56	250	eP	P	23 56 11.9	+1.0

SADO	Sadowa	127.12	354	PKP	PKP	00 04 06.3	-2.5
ANMO	Albuquerque	132.92	24	PKP	PKP	00 04 17.9	-2.2
ANMO	Albuquerque	132.92	24	PKP	PKP	00 04 17.9	-2.2
TXAR	Lajitas Array	138.97	24	PKP	PKP	00 04 27.6	-1.9
PLCA	Paso Flores	144.79	20	PKP	PKP	00 04 39.7	-3.6
PLCA	Paso Flores	144.79	20	PKP	PKP	00 04 37.7	-3.6
LPZ	La Paz	161.07	24	PKP	PKP	00 05 03.8	-1.2
LPZ	La Paz	161.07	24	PKP	PKP	00 05 45.8	0.0

BUI 29 23:44:57.7, 7.55N-93.67E, h20km, mb5.0, mb4.7, Ms4.6, Msz4.4
 IDC 29 23:44:59.0, 5.8, 0.3N-94.30E, mb4.5/25, mb1.4 4.6/26, mb1mx4.5/29, mbtmt4.5/26, ML4.2/1, Error ellipse:
 s-maj=26.7km s-min=12.7km az=45.0
 MOS 29 23:45:02.7, 1.2, 8.05N-94.35E, h33km, mb5.1/29, Error ellipse:
 s-maj=12.7km s-min=6.6km az=119.9
 NEIC 29 23:45:04.1, 0.3, 8.14N-94.43E, h30km, mb4.8/30, Error ellipse:
 s-maj=10.1km s-min=6.6km az=39.0
 ISC 29 23:45:01.7, 3.1, 8.04N, 0.06E-94.40E, 0.06, h26km, Ms4.1km, h117km, 9km, pP, P, 1136, 1/29, mb4.7/55, MS4.6/1, 9C-3D, Nicobar Islands region

LSZ	Lusaka	69.56	250	eP	P	23 56 11.9	+1.0
LSZ	Lusaka	69.56	250	eP	P	23 56 11.9	+1.0
KWP	Kuwajit	72.07	320	eP	P	23 56 25.6	0.0
SUW	Suwalki	72.52	324	eP	P	23 56 26.4	-1.7
SUW	Suwalki	72.52	324	eP	P	23 56 27.5	+0.6
FINES	FINESS Array B	72.63	320	eP	P	23 56 28.0	-0.9
KAF	Kangasniemi	72.76	333	eP	P	23 56 25.5	-3.9
KAF	Kangasniemi	72.76	333	eP	P	23 56 25.5	-3.9

IDC 29 23:45:52.6, 2.5, 27.80N-53.10E, mb3.6/5, mb1.3 8/5, mb1mx3.5/21, mbtmt3.7/5, MS3.8/1, Ms1.3 8/1, ms1mx3.0/30, Error ellipse: s-maj=129.7km s-min=48.3km az=178.0
 THR 29 23:45:53.9, 0.7, 27.85N-53.00E, h23km, 7km, ML3.3
 CSEM 29 23:45:54.5, 0.2, 27.87N-53.05E, h20km, ML3.3, Error ellipse: s-maj=7.6km s-min=2.3km az=66.0
 TEH 29 23:45:56.4, 2.7, 85N-52.97E, h16km, Mns3.3
 OMAN 29 23:46:00.2, 2.7, 85N-53.15E, h20km, Error ellipse:
 s-maj=19.8km s-min=5.1km az=23.0
 ISC 29 23:45:54.6, 1.3, 27.85N, 0.05E-53.0E, 0.1, h24km, 9km, n23, r1505/36, mb3.6/4, MS3.7/1, 7C-2D, Southern Iran

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
KMI	Kunming	18.76	24	P	P	23 52 27.0	-2.8
KMI	Kunming	18.76	24	P	P	23 49 27.3	+6.0

UJC	Niedzica	73.59	319	eP	P	23 56 35.3	+0.8
OJC	Ojcow	74.01	320	eP	P	23 56 36.9	0.0
OKC	Ostrava-Krasne	75.03	319	eP	P	23 56 42.8	0.0
ARCS	ARCESS Array B	75.20	340	eP	P	23 56 43.9	+0.5
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 03.2	-0.5
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 09.4	-0.4
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 18.1	0.0

CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
KMI	Kunming	18.76	24	P	P	23 52 27.0	-2.8
KMI	Kunming	18.76	24	P	P	23 49 27.3	+6.0

UJC	Niedzica	73.59	319	eP	P	23 56 35.3	+0.8
OJC	Ojcow	74.01	320	eP	P	23 56 36.9	0.0
OKC	Ostrava-Krasne	75.03	319	eP	P	23 56 42.8	0.0
ARCS	ARCESS Array B	75.20	340	eP	P	23 56 43.9	+0.5
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6

GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 03.2	-0.5
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 09.4	-0.4
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 18.1	0.0

CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
KMI	Kunming	18.76	24	P	P	23 52 27.0	-2.8
KMI	Kunming	18.76	24	P	P	23 49 27.3	+6.0

UJC	Niedzica	73.59	319	eP	P	23 56 35.3	+0.8
OJC	Ojcow	74.01	320	eP	P	23 56 36.9	0.0
OKC	Ostrava-Krasne	75.03	319	eP	P	23 56 42.8	0.0
ARCS	ARCESS Array B	75.20	340	eP	P	23 56 43.9	+0.5
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6

GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 03.2	-0.5
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 09.4	-0.4
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 18.1	0.0

CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
KMI	Kunming	18.76	24	P	P	23 52 27.0	-2.8
KMI	Kunming	18.76	24	P	P	23 49 27.3	+6.0

UJC	Niedzica	73.59	319	eP	P	23 56 35.3	+0.8
OJC	Ojcow	74.01	320	eP	P	23 56 36.9	0.0
OKC	Ostrava-Krasne	75.03	319	eP	P	23 56 42.8	0.0
ARCS	ARCESS Array B	75.20	340	eP	P	23 56 43.9	+0.5
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6

GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 03.2	-0.5
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 09.4	-0.4
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 18.1	0.0

CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
KMI	Kunming	18.76	24	P	P	23 52 27.0	-2.8
KMI	Kunming	18.76	24	P	P	23 49 27.3	+6.0

UJC	Niedzica	73.59	319	eP	P	23 56 35.3	+0.8
OJC	Ojcow	74.01	320	eP	P	23 56 36.9	0.0
OKC	Ostrava-Krasne	75.03	319	eP	P	23 56 42.8	0.0
ARCS	ARCESS Array B	75.20	340	eP	P	23 56 43.9	+0.5
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6
MORC	Moravsky Berou	75.42	319	eP	P	23 56 44.4	-0.6

GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 03.2	-0.5
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 09.4	-0.4
GHIR	Ghir-Karzin	0.44	3	i PG	Pb	23 46 18.1	0.0

CMAR	Chiang Mai Arr	11.26	23	Pn	P	23 47 45.7	+1.5
PALK	Pallekete	17.60	352	eP	P	23 48 15.7	+0.1
SHL	Shillong	17.60	352	eP	P	23 49 00.0	-6.9
HYB	Hyderabad	18.03	303	eP	S	23 52 23.0	+3.2
HYB	Hyderabad	18.03	303	eP	S	23 49 12.0	-0.4
HYB	Hyderabad	18.03	303	eP	S	23 52 27.0	-2.8
HYB	Hyderabad	18.03	303				

30d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like La Dhuitiere, La Foliniere, Gorrion, etc.

NEIC 30 00:12:58.0, 5.8, 2.4N-94.42E, mb4.7/22, Error ellipse: s-maj=16.5km s-min=10.5km az=222.0

ISC 30 00:12:57.0, 4.0, 8.24N-94.35E, 0.08, h13km, h26km, 6.7km, n162, s128/171, ms4.3/2, 4C-3D, Nicobar Islands region

Main table for 30d Oh, listing station codes (PALK, HVB, QIZ, etc.) and their corresponding data points.

2005 JAN

Main table for 2005 JAN, listing station codes (GRF, NB2, CLZ, etc.) and their corresponding data points.

1216

Main table for 1216, listing station codes (NWAOW, NVS, WRAB, etc.) and their corresponding data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NORSAR Subarra, Monsted U'grnd, PGIogla, Champ du Feu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BLCB Balcova, BLCB Samos, SMG IZM, AYDN Tasoluk, etc.

NEIC 30 00:57:05.3, 16.67N-94.98W, h98km, MD3.6(MEX), After MEX 30 00:57:05.31.0, 16.67N-94.98W, h98km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Huatulco, HUIG Oaxaca, etc.

NEIC 30 00:57:44.3-0.8, 8.11N-94.33E, h30km, mb4.1/6, Error ellipse: s-maj=17.4km s-min=15.2km az=110.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, HYB Hyderabad, PKI Puchoki, etc.

THE 30 01:07:09.4, 39.32N-21.87E, h10km, ML3.2, ATH 30 01:07:09.3, 39.31N-21.95E, h11km, MD3.3/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EVR Evrytania, AGG Agios Georgios, JAN Jinona, etc.

JMA 30 01:09:02.0-0.7, 33.81N-141.85E, h18km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

MAN 30 01:42:08.5, 9.07N-126.96E, h1km, mb4.5, ML3.3, MS3.2, 2C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BIPH Bislig, BSO1 Boso 1, BSO2 Boso 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BIPH Butuan, BUTP Surigao, SCPH Musuan, etc.

IGQ 30 01:48:36.3, 1.50S-81.28W, h12km, mb4.2, 3C-1D, Error ellipse: s-maj=11.9km s-min=4.6km az=7.8, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

KRSC 30 01:48:39.7-0.4, 52.91N-156.53E, h125km, 2km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PET Petropavlovsk, KRMR Karymshinskiy, UGLR Uglovaya, etc.

NEIC 30 01:52:51.7, 16.21N-97.59W, h5km, MD3.7(MEX), After MEX 30 01:52:52.0-0.8, 16.19N-97.60W, h10km, MD3.7, 1C-1D, Oaxaca

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

CSEM 30 02:13:52.9-0.1, 38.14N-26.82E, h15km, MD3.3, Error ellipse: s-maj=5.6km s-min=2.6km az=122.0

ISK 30 02:13:52.3, 38.16N-26.79E, h14km, MD3.0, ATH 30 02:13:53.4, 38.11N-26.58E, h20km, 1km, MD3.3/3, ISC 30 02:13:53.0-1.0, 38.15N-0.03-26.77E, h8km, 7km, n18, c0F62/6, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BLCB Balcova, BLCB Samos, SMG IZM, AYDN Tasoluk, etc.

JMA 30 02:20:00.8-0.3, 30.31N-139.27E, h464km, M3.9, ISC 30 02:20:00.7-1.0, 30.20N-0.1-138.9E-0.3, h445km-15km, n13, c0F68/17, mb3.5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, BSO1 Boso 1, BSO2 Boso 2, etc.

CSEM 30 00:50:10.7-0.1, 38.16N-26.70E, h8km, MD3.5, Error ellipse: s-maj=3.1km s-min=2.1km az=97.0

ISK 30 00:50:10.9, 38.16N-26.71E, h9km, MD3.5, ATH 30 00:50:12.4, 38.12N-26.64E, h27km, 12km, MD3.5/4

30d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JRY Ryogami san, JAG Ashikaga, JNG Nshakai, etc.

HLW 30 02:21:08.1, 35.54N-27.86E, h28km, Mb3.2
ATH 30 02:21:13.6, 35.84N-27.34E, h3km, MD3.5/4
ISC 30 02:21:06.7-0.7, 35.19N-0.05-28.0E, 0.1, h3km, n12,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, BDRM Kayabasi, etc.

CSEM 30 02:25:39.9, 7.89N-94.73E, h33km, mb5.5
BUJ 30 02:25:40.9, 7.72N-93.95E, h42km, mb5.1, mb4.7, Ms4.8, Ms24.6

HRVD 30 02:25:41.8, 0.4, 8.03N-94.18E, h12km, MW5.0/47, Centroid moment Tensor Solution. LP body waves: s20,c26; Mantle waves: s47,c74; Half duration: 0 Moment tensor: Scale 10^19Nm; Mrr-2.73e-19; Mth-0.72e-14; Mtt-2.00e-16; Mbb-0.95e-17; Mbb-2.83e-13; Mbr-0.44e-50; Best double couple: M3-708-1016 NIP1-12; 854-1-130; NIP2-245; 854-1-32; Principal axes: T 4.273, P1g2, Azm309; N-953, P1g30, Azm40; P-3.324, P1g60, Azm215; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 30 02:25:41.8, 0.2, 8.14N-94.23E, mb5.2/66, MS4-2/8 Error ellipse: s-maj=7.5km s-min=6.5km az=15.0
MOS 30 02:25:42.7, 0.8, 8.17N-94.17E, h33km, mb5.3/59, Error ellipse: s-maj=1.1km s-min=5.3km az=121.5

ISC 30 02:25:40.7, 0.3, 8.11N-0.04, 94.21E, 0.04, h20km, h20km, 9km; pP-P, n251, s095/265, mb5.1/83, MS4.4/14, 17C-5D, Nicobar Islands region

Main table for 30d 2h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBA Port Blair, SNG Songkhla, NNT Nongplab, etc.

2005 JAN

Main table for 2005 JAN section with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LZH Lanzhou, WHN Wuhan, SSE Sheshan, etc.

1218

Main table for 1218 section with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHKZ Chkalovo, BOD Bodulbo, CLNS Chul'man, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LBTB Lotbatse, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LPGA La Plagne, LPL La Plagne, MBDF Montbardon, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MOS 02:35:16.3, HRVD 02:35:16.5, NEIC 30:02:35.16, etc.

30d 3h

WMQ	Urumqi	36.01	352	P	P	02 42 16.8	+0.4
BJI	Beijing	37.34	28	eP	pmax	02 42 29.6	+2.0
BJI	comp=Z,10.0nm,0.8s,mb4.7			MLR	MLR		
BJI	comp=Z,910nm,21.6s,MS4.5						
BJI	Beijing	37.34	28	eP	P	02 42 29.6	+2.0
BJI	comp=Z,10.0nm,0.8s,mb4.7						
BZJ	comp=Z,910nm,21.6s,MS4.5			LR	LR		
KZA	Kyzart	37.74	337	P	P	02 42 31.8	+0.9
SMDO	Samard	37.75	297	iP	P	02 42 33.7	+2.5
BIDH	Bidbid	37.82	298	iP	P	02 42 34.3	+2.5
UCHO	Uchtor	38.16	336	P	P	02 42 35.5	+1.0
KBK	Karagaybulak	38.35	337	P	P	02 42 37.3	+1.2
MBWA	Marble Bar	38.40	140	eP	P	02 42 35.5	-1.1
BSY	Bisya	38.41	296	iP	P	02 42 39.4	+2.7
AML	Almayashu	38.42	335	P	P	02 42 37.8	+1.2
AAK	Ala-Archa	38.51	336	P	P	02 42 38.5	+1.1
AAK	Ala-Archa	38.51	336	eP	pmax	02 42 36.6	-0.8
AAK	comp=Z,25nm,1.1s,mb4.9						
AAK	Ala-Archa	38.51	336	eP	P	02 42 36.6	-0.8
HOQ	Hogain	38.55	298	iP	P	02 42 40.5	+2.6
FRU	Bishkek	38.63	337	eP	pmax	02 42 45.0	+6.6
FRU	comp=Z,50nm,2.0s,mb4.9						
CHMS	Chumysh	38.72	337	P	P	02 42 39.5	+0.3
USP	Ospenovka	39.05	337	P	P	02 42 42.2	+0.3
ARQ	Araqi	39.17	297	iP	P	02 42 45.3	+2.2
IKAR	Makanchi Array	39.86	347	iP	pmax	02 42 48.3	-0.3
ASHO	Ashiyah	39.97	299	iP	P	02 42 54.4	+4.7
SNY	Shenyang	42.41	33	iP	AMB	02 43 11.5	+1.9
SNY	comp=Z,20nm,1.6s,mb4.9						
ZAK	Zakamensk	42.79	9	eP	P	02 43 12.9	+0.3
MOY	Mondy	43.76	6	eP	P	02 43 27.9	+7.4
MOY	comp=Z,12nm,0.9s						
TLY	Talaya	44.11	8	eP	P	02 43 24.4	+1.1
TLY	comp=Z,8.0nm,1.0s,mb4.4						
TLY	Talaya	44.11	8	eP	P	02 43 24.4	+1.1
TLY	comp=Z,8.1nm,1.0s,mb4.4						
TLY	Kurchatov	44.39	346	eP	pP	02 43 31.1	+1.3
KURK	KURK	44.39	346	eP	pP	02 43 24.9	-0.7
KURK	comp=Z,63nm,1.1s,mb5.3						
KURK	Kurchatov	44.39	346	eP	P	02 43 24.9	-0.6
KURK	comp=Z,63nm,1.1s,mb5.3						
KURK	Mundaring	45.05	153	eP	P	02 43 32.4	+0.3
MUN	Mundaring	45.05	153	eP	P	02 43 31.3	0.0
MUN	comp=Z,17nm,0.9s,mb4.9						
KLBR	Kellerberrin	45.45	151	eP	P	02 43 32.7	-1.6
KLBR	comp=Z,179nm,0.8s,mb5.0						
NWAO	Narrogin (SRO)	46.33	153	eP	pmax	02 43 40.0	-1.2
NWAO	comp=Z,9.0nm,0.6s						
NWAO	Narrogin (SRO)	46.33	153	eP	P	02 43 40.0	-1.2
NWAO	comp=Z,8.0nm,0.6s,mb4.9						
NVS	Novosibirsk	47.41	351	eS	S	02 43 48.3	-1.2
NVS	comp=N,21nm,0.8s						
NVS	comp=Z,30nm,0.8s,mb5.3						
NVS	comp=E,13nm,0.8s						
NVS	comp=N,21nm,2.4s						
NVS	comp=E,46nm,2.8s						
WRAB	Tennant Creek	48.34	126	eP	pmax	02 43 55.6	-1.6
WRAB	comp=Z,8.0nm,0.8s,mb4.8						
WRAB	Tennant Creek	48.34	126	eP	P	02 43 55.6	-1.6
WB2	Warramunga Arr	48.34	126	eP	P	02 43 55.7	-1.5
BRVK	Borovoye	48.84	341	eP	pmax	02 43 59.2	-1.4
BRVK	comp=Z,13nm,0.8s,mb5.0						
BRVK	Borovoye	48.84	341	eP	P	02 43 59.1	-1.5
BRVK	comp=Z,13nm,0.8s,mb5.0						
RAYN	Ar Rayn	49.07	294	P	P	02 44 03.0	+0.2
CHKZ	Chkalovo	49.27	342	P	pmax	02 44 03.1	-0.8
CHKZ	comp=Z,15nm,0.9s,mb5.0						
CHKZ	Chkalovo	49.27	342	eP	P	02 44 02.7	-1.2
CHKZ	comp=Z,24nm,0.7s,mb5.3						
ASPA	Alfie Springs	50.00	130	eP	P	02 44 08.3	-1.7
FORT	Forrest	50.48	142	eP	P	02 44 13.6	+0.1
FORT	comp=Z,52nm,0.9s,mb5.6						
KLR	Kul'dur	51.62	31	eP	MLR	02 44 27.7	+5.8
KLR	comp=E,11um,15.5s						
KLR	comp=Z,2um,15.5s,MS5.1						
BOD	Bodalbo	51.89	13	eP	P	02 44 22.9	-0.9
GNI	Garni	54.33	314	eP	pmax	02 44 40.8	-1.3
GNI	comp=Z,48nm,1.4s						
GNI	Garni	54.33	314	eP	P	02 44 40.8	-1.3
GNI	comp=Z,48nm,1.4s,mb5.2						
SVE	Sverdlovsk	55.20	338	eP	pmax	02 44 46.0	-2.3
SVE	comp=Z,80nm,1.7s,mb5.5						
SVE	comp=Z,400nm,20.0s,MS4.5						
PMG	Port Moresby	55.52	107	eP	pP	02 44 51.5	+0.3
PMG	comp=Z,17nm,0.7s						
PMG	Port Moresby	55.52	107	eP	P	02 44 51.5	+0.4
PMG	comp=Z,17nm,0.7s,mb5.2						
PMG	Arti	55.70	337	iP	pP	02 44 57.9	0.0
ARU	Arti	55.70	337	iP	P	02 44 46.0	-7.3
ARU	comp=Z,18nm,0.9s,mb5.1						
ARU	Arti	55.70	337	eP	P	02 44 44.3	-7.5
ARU	comp=Z,34nm,1.1s,mb5.3						
YSS	Yuzh-Sakhalins	56.53	38	iP	pmax	02 44 58.8	+0.8
YSS	comp=Z,40nm,1.3s,mb5.3						
KIV	Kislovodsk	57.19	318	eP	pmax	02 45 01.8	-1.0
KIV	comp=N,21nm,1.0s						
KIV	comp=Z,27nm,1.0s,mb5.2						
KIV	comp=Z,365nm,20.0s,MS4.5						
KIV	comp=N,185nm,17.0s,MS4.6						
KIV	comp=E,411nm,20.0s,MS4.6						
KIV	Kislovodsk	57.19	318	eP	P	02 45 01.6	-1.2
KIV	comp=E,24nm,0.9s,mb5.2						
CTA	Charters Tower	58.35	120	eP	P	02 45 14.6	+3.4
CTA	comp=E,4.2nm,1.4s,mb4.3						
CTA	Charters Tower	58.35	120	eP	pmax	02 45 14.6	+3.4
CTA	comp=Z,4.0nm,1.4s						
MALT	Malatya	58.37	310	eP	pP	02 45 09.5	-1.6
MALT	comp=Z,15nm,1.1s,mb4.9						
MALT	Malatya	58.37	310	eP	pP	02 45 09.5	-1.6
MALT	comp=Z,15nm,1.1s,mb4.9						

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MALT	Malatya	58.37	310	eP	P	02 45 09.5	-1.6
MALT	comp=Z,15nm,1.1s,mb4.9						
SOKR	Soikamsk	58.60	339	iP	pmax	02 45 15.8	-2.1
SOKR	comp=Z,40nm,0.9s,mb5.5						
SOKR	Elat	59.38	300	eP	P	02 45 17.8	-0.4
SOKR	comp=Z,22nm,0.9s,mb5.2						
EIL	Elat	59.38	300	eP	P	02 45 17.8	-0.4
EIL	comp=Z,22nm,0.9s,mb5.2						
YAK	Yakutsk	59.73	18	eP	pP	02 45 25.3	+0.3
YAK	comp=N,13nm,1.2s						
YAK	comp=Z,20nm,1.2s,mb5.0						
YAK	comp=E,10.0nm,1.1s						
YAK	comp=Z,330nm,13.0s,MS4.7						
YAK	comp=N,255nm,14.0s,MS4.7						
YAK	comp=E,265nm,13.0s,MS4.7						
STKA	Stephens Creek	60.21	134	eP	P	02 45 23.9	0.0
STKA	comp=E,2.9nm,0.7s,mb4.4						
MBAR	Mbarara	63.87	265	eP	pmax	02 45 48.8	0.0
MBAR	comp=Z,14nm,1.2s,mb4.9						
MBAR	Mbarara	63.87	265	eP	P	02 45 48.8	0.0
MBAR	comp=Z,14nm,1.2s,mb4.9						
ISP	Isparita	64.36	308	eP	P	02 45 45.8	-5.7
MOS	Moscow	64.91	329	eP	pmax	02 45 51.1	-0.7
MOS	comp=Z,42nm,0.6s,mb5.7						
OBIN	Obninsk	65.22	328	iP	pP	02 45 51.8	-5.0
OBIN	comp=Z,900nm,22.0s,MS4.9						
OBIN	Obninsk	65.22	328	eP	P	02 45 58.9	-4.7
OBIN	comp=Z,42nm,0.6s,mb5.7						
OBIN	Obninsk	65.22	328	eP	P	02 48 19.2	
OBIN	comp=Z,42nm,0.6s,mb5.7						
OBIN	Obninsk	65.22	328	eP	P	02 49 53.5	
OBIN	comp=Z,42nm,0.6s,mb5.7						
OBIN	Obninsk	65.22	328	eP	P	02 54 28.8	-8.3
MA2	Magadan	66.50	28	P	pmax	02 46 05.3	+0.4
MA2	comp=Z,47nm,1.3s,mb5.4						
MA2	Magadan	66.50	28	P	P	02 46 05.3	+0.4
MA2	comp=Z,47nm,1.3s,mb5.4						
TIXI	Tiksi	66.97	11	eP	pmax	02 46 06.5	-1.2
TIXI	comp=Z,86nm,1.2s,mb5.7						
TIXI	Tiksi	66.97	11	eP	MLR	02 46 20.7	+2.2
TIXI	comp=Z,447nm,14.0s,MS4.8						
SEY	Seymchan	68.66	25	eP	pmax	02 46 20.7	+2.2
SEY	comp=Z,90nm,1.5s,mb5.5						
SEY	Seymchan	68.66	25	eP	pmax	02 46 20.7	+2.2
SEY	comp=Z,90nm,1.5s,mb5.5						
LSZ	Lusaka	69.44	250	eP	pmax	02 46 24.2	+0.2
LSZ	comp=Z,7.0nm,0.9s,mb4.6						
LSZ	Lusaka	69.44	250	eP	P	02 46 24.1	+0.2
LSZ	comp=Z,7.2nm,0.9s,mb4.6						
MNK	Minsk	69.80	325	eP	P	02 46 21.0	-4.6
JOF	Joensuu	70.66	334	eP	P	02 46 29.0	-1.7
KWP	Kalwaria	71.90	320	eP	P	02 46 37.8	-0.6
KOLS	Kolonicki sedl	72.08	319	iP	P	02 46 38	

YAK	Yakutsk	59.88	18	eP	P	03 54 14.5	-1.5
YAK	Yakutsk	59.88	18	eP	pP	03 54 20.0	-1.4
YAK	Yakutsk	59.88	18	eP	pm	03 54 14.5	-1.4
YAK	Anapa	60.99	317	eP	pP	03 54 20.0	-1.4
ANN	Anapa	60.99	317	eP	pm	03 54 16.5	-7.3
MBAR	Mbarara	63.71	265	eP	pP	03 54 44.1	+1.6
MBAR	Mbarara	63.71	265	eP	pm	03 54 44.1	+1.6
MBAR	Mbarara	63.71	265	eP	pP	03 54 44.1	+1.6
ISP	Isparata	64.30	308	eP	P	03 54 43.2	-2.7
MOS	Moscow	64.92	329	eP	pP	03 54 48.2	-1.5
MOS	Moscow	64.92	329	eP	pm	03 54 48.2	-1.5
OBN	Obninsk	65.22	328	iP	pP	03 54 47.5	-4.1
OBN	Obninsk	65.22	328	iP	pP	03 54 52.8	-4.2
OBN	Obninsk	65.22	328	iP	pm	03 54 47.5	-4.1
OBN	Obninsk	65.22	328	iP	pm	03 54 52.8	-4.2
MA2	Magadan	66.66	28	eP	P	03 54 59.8	-0.9
MA2	Magadan	66.66	28	eP	pm	03 54 59.8	-0.9
MA2	Magadan	66.66	28	eP	pP	03 54 59.8	-0.9
LSZ	Lusaka	69.26	250	eP	pP	03 55 19.1	+1.4
LSZ	Lusaka	69.26	250	eP	pm	03 55 19.1	+1.4
LSZ	Lusaka	69.26	250	eP	pP	03 55 19.1	+1.4
JOF	Joensuu	70.69	334	eP	P	03 55 23.6	-2.0
KWP	Joensuu	70.69	334	eP	pP	03 55 32.9	-0.2
KWP	Joensuu	70.69	334	eP	pm	03 55 32.9	-0.2
KOLS	Kolonice sedl	72.06	319	iP	pP	03 55 34.1	0.0
SUW	Suwalki	72.35	324	eP	pP	03 55 35.1	-0.6
SUW	Suwalki	72.35	324	eP	pm	03 55 40.5	-0.7
CRVS	Cervencia-Dubn	72.58	319	iP	pP	03 55 37.9	+0.7
CRVS	Cervencia-Dubn	72.58	319	iP	pP	03 55 43.0	+0.3
KAF	Kangasniemi	72.64	333	eP	pP	03 55 35.7	-1.5
KAF	Kangasniemi	72.64	333	eP	pm	03 55 35.7	-1.5
KAF	Kangasniemi	72.64	333	eP	pP	03 55 35.7	-1.5
NIE	Niedzica	73.40	319	eP	P	03 55 42.7	+0.7
OJC	Ojcow	73.83	320	eP	pP	03 55 44.4	0.0
LBTB	Lotbatse	74.28	241	eP	pP	03 55 49.1	+1.6
LBTB	Lotbatse	74.28	241	eP	pm	03 55 49.1	+1.6
LBTB	Lotbatse	74.28	241	eP	pP	03 55 49.1	+1.6
VYHS	Yyhne	74.26	318	iP	pP	03 55 46.9	-0.1
OKC	Ostrava-Krasne	74.84	319	eP	pP	03 55 50.4	+0.1
OKC	Ostrava-Krasne	74.84	319	eP	pP	03 55 55.7	-0.1
MORC	Moravsky Berou	75.23	319	eP	pP	03 55 52.3	-0.2
MORC	Moravsky Berou	75.23	319	eP	pm	03 55 57.6	-0.4
MORC	Moravsky Berou	75.23	319	eP	pP	03 55 52.3	-0.2
MORC	Moravsky Berou	75.23	319	eP	pm	03 55 57.6	-0.4
MORC	Moravsky Berou	75.23	319	eP	pP	03 55 52.3	-0.2
MORC	Moravsky Berou	75.23	319	eP	pm	03 55 57.6	-0.4
ZST	Zatse	75.39	318	iP	pP	03 55 53.9	+0.4
ZST	Zatse	75.39	318	iP	pP	03 55 59.0	0.0
ZST	Zatse	75.39	318	iP	pm	03 55 53.9	+0.4
ZST	Zatse	75.39	318	iP	pm	03 55 59.0	0.0
GKP	Gorka Klasztor	75.75	323	eP	pP	03 55 54.2	-1.2
GKP	Gorka Klasztor	75.75	323	eP	pP	03 56 00.4	-0.5
GKP	Gorka Klasztor	75.75	323	eP	pm	03 55 54.2	-1.2
GKP	Gorka Klasztor	75.75	323	eP	pm	03 56 00.4	-0.5
BILL	Bilibino	75.97	221	iP	pP	03 55 55.2	-1.2
BILL	Bilibino	75.97	221	iP	pm	03 55 55.2	-1.2
BILL	Bilibino	75.97	221	iP	pP	03 55 55.2	-1.2
BILL	Bilibino	75.97	221	iP	pm	03 55 55.2	-1.2
DPC	Dobruska-Polom	76.06	320	eP	pP	03 55 57.9	+0.7
DPC	Dobruska-Polom	76.06	320	eP	pP	03 56 03.1	+0.4
KSP	Ksiaz	76.11	320	eP	pP	03 55 57.5	0.0
KSP	Ksiaz	76.11	320	eP	pP	03 56 03.0	0.0
KSP	Ksiaz	76.11	320	eP	pm	03 55 57.5	0.0
KSP	Ksiaz	76.11	320	eP	pm	03 56 03.0	0.0
UPIC	Upice	76.27	320	eP	pP	03 55 59.0	+0.3
UPIC	Upice	76.27	320	eP	pP	03 56 03.9	+0.4
ARSA	Arzberg	76.39	317	iP	pP	03 55 59.6	+0.4
PRU	Pruhonice	77.18	319	eP	pP	03 56 03.8	+0.3
PRU	Pruhonice	77.18	319	eP	pP	03 56 09.1	+0.1
PVCC	Panska Ves	77.19	320	eP	pP	03 56 03.9	+0.4
PVCC	Panska Ves	77.19	320	eP	pP	03 56 08.9	-0.1
BRG	Berggiesshubel	77.60	320	iP	pP	03 56 06.2	+0.4
BRG	Berggiesshubel	77.60	320	iP	pP	03 56 11.6	+0.3
BRG	Berggiesshubel	77.60	320	iP	pm	03 56 06.2	+0.4
BRG	Berggiesshubel	77.60	320	iP	pm	03 56 11.6	+0.3
GERES	GERESS Array S	77.68	318	eP	pP	03 56 11.6	+0.3
GERES	GERESS Array S	77.68	318	eP	pm	03 56 06.8	+0.5
GERES	GERESS Array S	77.68	318	eP	pP	03 56 11.6	+0.3
GERES	GERESS Array S	77.68	318	eP	pm	03 56 06.8	+0.5
KHC	Kasperske Hory	77.77	318	eP	pP	03 56 06.9	+0.1
KHC	Kasperske Hory	77.77	318	eP	pP	03 56 12.2	-0.1
RUE	Ruedersdorf	77.78	322	eP	pP	03 56 06.7	-0.1
RUE	Ruedersdorf	77.78	322	eP	pP	03 56 12.2	0.0
COLL	Collm	78.21	321	iP	pP	03 56 09.0	-0.1
COLL	Collm	78.21	321	iP	pP	03 56 13.9	-0.8
COLL	Collm	78.21	321	iP	pm	03 56 09.0	-0.1
COLL	Collm	78.21	321	iP	pm	03 56 13.9	-0.8
WET	Wetzell	78.23	318	eP	pP	03 56 09.9	+0.5
WET	Wetzell	78.23	318	eP	pm	03 56 09.9	+0.5
WET	Wetzell	78.23	318	eP	pP	03 56 09.9	+0.5
WET	Wetzell	78.23	318	eP	pm	03 56 09.9	+0.5
NKC	Novy Kostel	78.53	320	eP	pP	03 56 11.8	+0.9
NKC	Novy Kostel	78.53	320	eP	pP	03 56 16.5	0.0
WTTA	Wattenberg	79.04	317	iP	pP	03 56 13.5	-0.3
WTTA	Wattenberg	79.04	317	iP	pP	03 56 13.5	-0.3
MOX	Moxa	79.07	320	eP	pP	03 56 14.4	+0.5
MOX	Moxa	79.07	320	eP	pP	03 56 14.4	+0.5
MOX	Moxa	79.07	320	eP	pm	03 56 14.4	+0.5
MOX	Moxa	79.07	320	eP	pm	03 56 14.4	+0.5
WATA	Walderalm	79.08	317	iP	pP	03 56 13.6	-0.4
WATA	Walderalm	79.08	317	iP	pP	03 56 13.6	-0.4
FUR	Furstenfeldbru	79.28	317	eP	pP	03 56 15.1	0.0
GRA1	Grabenberg Arr	79.32	319	eP	pP	03 56 16.2	+0.9
GRA1	Grabenberg Arr	79.32	319	eP	pP	03 56 21.4	+0.6
GRA1	Grabenberg Arr	79.32	319	eP	pm	03 56 16.2	+0.9
GRA1	Grabenberg Arr	79.32	319	eP	pm	03 56 21.4	+0.6
GRF	Grabenberg Arr	79.32	319	eP	pP	03 56 16.2	+0.9
GRF	Grabenberg Arr	79.32	319	eP	pP	03 56 21.4	+0.6
GRF	Grabenberg Arr	79.32	319	eP	pm	03 56 16.2	+0.9
GRF	Grabenberg Arr	79.32	319	eP	pm	03 56 21.4	+0.6
SOTA	Sankt Quirin	79.33	317	iP	pP	03 56 21.4	+0.6
SOTA	Sankt Quirin	79.33	317	iP	pP	03 56 21.4	+0.6
SOTA	Sankt Quirin	79.33	317	iP	pm	03 56 21.4	+0.6
SOTA	Sankt Quirin	79.33	317	iP	pm	03 56 21.4	+0.6
MOTA	Moosalm	79.40	317	iP	pP	03 56 15.4	-0.3
MOTA	Moosalm	79.40	317	iP	pP	03 56 15.4	-0.3
MOTA	Moosalm	79.40	317	iP	pm	03 56 15.4	-0.3
MOTA	Moosalm	79.40	317	iP	pm	03 56 15.4	-0.3

NB2	NORSAR Subarra	79.58	331	eP	P	03 56 15.7	-0.7
NB2	NORSAR Subarra	79.58	331	eP	pP	03 56 15.7	-0.7
CLZ	Clausthal	79.86	321	eP	P	03 56 18.7	+0.6
DAVA	Damuelis	80.23	317	iP	pP	03 56 20.3	+0.1
MUD	Monsted U'grnd	80.56	326	iP	pP	03 56 21.6	-0.1
MUD	Monsted U'grnd	80.56	326	iP	pm	03 56 21.6	-0.1
MUD	Monsted U'grnd	80.56	326	iP	pP	03 56 21.6	-0.1
MUD	Monsted U'grnd	80.56	326	iP	pm	03 56 21.6	-0.1
PGF	Pioggiola	81.02	312	eP	P	03 56 24.2	-0.3
PGF	Pioggiola	81.02	312	eP	pP	03 56 24.2	-0.3
PGF	Pioggiola	81.02	312	eP	pm	03 56 24.2	-0.3
PGF	Pioggiola	81.02	312	eP	pm	03 56 24.2	-0.3
TNS	Tanus Mts	81.10	320	eP	P	03 56 25.3	+0.6
BFO	Black Forest	81.25	318	eP	pP	03 56 25.6	+0.1
BFO	Black Forest	81.25	318	eP	pm	03 56 25.6	+0.1
BFO	Black Forest	81.25	318	eP	pP	03 56 25.6	+0.1
BFO	Black Forest	81.25	318	eP	pm	03 56 25.6	+0.1
CDF	Champ du Feu	81.94	318	eP	P	03 56 28.7	-0.4
CDF	Champ du Feu	81.94	318	eP	pP	03 56 28.7	-0.4
CDF	Champ du Feu	81.94	318	eP	pm	03 56 28.7	-0.4
CDF	Champ du Feu	81.94	318	eP	pm	03 56 28.7	-0.4
SBF	Sospel	82.09	313	eP	P	03 56 29.9	-0.1
SBF	Sospel	82.09	313	eP	pP	03 56 29.9	-0.1
SBF	Sospel	82.09	313	eP	pm	03 56 29.9	-0.1
SBF	Sospel	82.09	313	eP	pm	03 56 29.9	-0.1
HINF	Hinteralfeld	82.26	317	eP	P	03 56 31.5	+0.7
LPG	La Plagne	82.47	315	eP	P	03 56 32.3	+0.3
LPG	La Plagne	82.47	315	eP	pP	03 56 32.3	+0.3
LPG	La Plagne	82.47	315	eP	pm	03 56 32.3	+0.3
LPG	La Plagne	82.47	315	eP	pm	03 56 32.3	+0.3
LPL	La Plagne	82.49	315	eP	P	03 56 32.3	+0.3
LPL	La Plagne	82.49	315	eP	pP	03 56 32.3	+0.3
LPL	La Plagne	82.49	315	eP	pm	03 56 32.3	+0.3
LPL	La Plagne	82.49	315	eP	pm	03 56 32.3	+0.3
MBDF	Montbardon	82.51	314	eP	P	03 56 31.5	-0.7
MBDF	Montbardon	82.51	314	eP	pP	03 56 31.5	-0.7
MBDF	Montbardon	82.51	314	eP	pm	03 56 31.5	-0.7
MBDF	Montbardon	82.51	314	eP	pm	03 56 31.5	-0.7
HAU	Haudompre	82.59	317	eP	P	03 56 32.0	-0.5
HAU	Haudompre	82.59	317	eP	pP	03 56 32.0	-0.5
HAU	Haudompre	82.59	317	eP	pm	03 56 32.0	-0.5
HAU	Haudompre	82.59	317	eP	pm	03 56 32.0	-0.5
FRF	La Foret Royal	82.68	313	eP	P	03 56 33.1	0.0
LMR	La Moudre	82.80	313	eP	P	03 56 33.6	-0.1
CABF	La Chapelle	82.86	316	eP	P	03 56 34.1	+0.2
ORIF	Oris-en-Rattie	83.13	314	eP	P	03 56 35.6	+0.2
ORIF	Oris-en-Rattie	83.13	314	eP	pP	03 56 35.6	+0.2
ORIF	Oris-en-Rattie	83.13	314	eP	pm	03 56 35.6	+0.2
ORIF	Oris-en-Rattie	83.13	314	eP	pm	03 56 35.6	+0.2
MEZF	Maizieres J'vi	83.42	318	eP	P	03	

Table with columns: SOC, comp, Station Name, Δ, AZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Sochi, Atjeh, Parana-Amol, etc.

Bull 30 06:08:06.6, 8.10N:94.30E, h15km, mb4.5, Ms4.5, Msz4.4
NEIC 30 06:08:06.6, 0.4, 8.14N:94.25E, mb4.7/24, Error ellipse:
s-maj=15.2km s-min=9km az=53.0

Table with columns: Code, Station Name, Δ, AZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Hyderabad, Gumbha, etc.

Table with columns: KAF, OJC, LBTB, etc. Station Name, Δ, AZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kangasniemi, Ojcow, Lobatse, etc.

Table with columns: Centroid moment Tensor Solution, LP body waves: s32,c46, Mantle waves: s52,c88; Half duration: 0. Moment tensor: etc. Includes station names like Nakhon Sawan, Chiang Mai Arr, etc.

Table with columns: Station, Name, Time, Res, ISC, P, S, X, A, M, B, etc. Includes stations like Beijing, Ulanbaatar, Mandschuro, etc.

Table with columns: Station, Name, Time, Res, ISC, P, S, X, A, M, B, etc. Includes stations like Uppice, Panska Ves, Pruhonice, etc.

BUI 30 06:36:57.8, 7.51N x 93.78E, h36km, mb5.1, mb4.8, Ms4.7, Ms2.4
MOS 30 06:36:59.8, 1.4, 7.71N-94.12E, h33km, mb5.1/22, Error ellipse: s-maj=14.5km s-min=7.7km az=92.0
NEIC 30 06:36:59.8, 0.4, 7.71N-94.13E, mb4.8/21, Error ellipse: s-maj=12.4km s-min=7.1km az=148.0
ISC 30 06:36:59.8, 0.4, 7.76N, 0.06-94.14E, 0.05, h27km, h27km, 5.6km, p-P, n89, n=1527/88, mb4.9/30, MS4.7/3, 3C-6D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, P, S, X, A, M, B, etc. Includes stations like SNG, NNT, CM31, etc.

Table with columns: Station, Name, Time, Res, ISC, P, S, X, A, M, B, etc. Includes stations like NJ2, SSE, WMO, etc.

30d 7h

Table with columns for station name, coordinates, and various parameters. Includes stations like SNY, KURK, TLY, MDJ, GNI, WRAB, KIV, GOF, YSS, SOKR, SOC, YAK, VOR, SIM, MOS, OBN, MA2, CFR, MBAR, VRI, MLR, RUFAR, JOFS, LJV, KWP, etc.

2005 JAN

Table with columns for station name, coordinates, and various parameters. Includes stations like KOLS, SUW, KAF, CRVS, NIE, OJC, SRO, LSZ, LSZ, MORC, MORC, DPC, KSP, UJP, BOJS, PERS, PVCC, PRU, BRG, BRG, BRG, GECZ, GECZ, KHC, ROB, CLM, WET, WET, MOX, MOX, NB2, NB2, GRA1, GRF, GRF, FUR, CLZ, LBTB, LBTB, TNS, BFO, BFO, PGF, CDF, CDF, BOSA, BOSA, HINF, HINF, HAU, HAU, HAU, HAU, LPL, LPL, MBDF, MBDF, BNI, BNI, FRF, FRF, CABF, CABF, CABF, CABF, ORIF, ORIF, GIVF, MEZF, SMRF, BAIF, BAIF, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like BAIF, VIVF, SMF, SMF, SSF, SSF, AVF, AVF, BGF, BGF, HYF, TCF, TCF, CAF, CAF, RUF, RUF, RUF, RUF, TNA, LDF, LDF, LDF, LFF, LFF, LFF, MFF, MFF, MFF, ETSF, ETSF, ETSF, SGFM, ROSF, ROSF, ROSF, ROSF, IMA, MCK, MCK, MCK, THY, INK, INK, INK, DAW, MVU, MSU, SDV, LAZ, etc.

ISC 30 07:06:16.2, 2.6, 8.25, 0.1, 128.6E, 0.1, h124km, 28km, n5, c1500R, mb3.61, 1C-1D, Timor Sea
Code Station Name Az Az2 Phase ID Time Res
KAKA Kakadu 5.87 140 Op ISC h m s ISC
FITZ Fitzroy Crossi 10.26 196 P P 07 08 40.9 -0.3
FITZ WB2 Warramunga Arr 12.94 155 eS S 07 10 34.7 +0.1
WB2 Terraza Guagua 2.66 76 eS S 07 11 37.3 -0.7
ASP A Alice Springs 16.20 162 eS S 07 08 58.9 +0.9
ASP A Stephens Creek 26.49 155 eP S 07 12 53.9 +0.6
STKA 3.7nm, 1.6s, mb3.6

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARRY, PISA, TAMB, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LOHW, WUWY, TPAW, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WLS, LANF, PGF, etc.

BUI 30 07:12:34.8, 7.67N:94.07E, h43km, mb4.3
NEIC 30 07:12:35.4, 0.5, 8.12N:94.29E, mb4.6/13, Error ellipse:
s-maj=19.8km s-min=12.6km az=49.0

ISC 30 07:12:33.4, 0.7, 7.9N:101.943E, 2, h19km,
h19km, 2km; pp-P, n35, of93/33, mb4.6/19, Nicobar

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

IGQ 30 07:16:32.0, 0.78S:81.31W, h14km, 10km, mb4.1, 2C.
Error ellipse: s-maj=6.7km s-min=4.8km az=177.1, Off
coast of Ecuador

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

30d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like YANA, NAS1, VC1, PISA, RIETU, TAMB, ARRY, ULBA, ANTI, COTA, CAYR, CAYA.

NEIC 30 07:34:17.1±0.8, 8.34N, 94.25E, h30km, mb4.4/8, Error ellipse: s-maj=27.6km s-min=16.6km az=212.0

Main table for 30d 8h section, listing station codes (CM31, HYB, KMI, etc.) and their corresponding data points.

BUI 30 08:08:24.8, 24.04S:175.69W, h22km, mb6.1, mb5.9, MS5.6, Msz5.3

MOS 30 08:08:26.1±1.2, 24.40S:176.10W, h33km, mb5.8/40, MS5.3/36, Error ellipse: s-maj=11.7km s-min=7.9km az=68.6

NEIC 30 08:08:26.7±0.1, 24.42S:176.00W, mb5.5/65, MS5.4/127, Error ellipse: s-maj=7.3km s-min=4.3km az=145.0

HRVD 30 08:08:26.7±0.2, 24.57S:175.37W, h18km, MW5.6/70, Centroid moment Tensor Solution. LP body waves: s61, c112, Mantle waves: s70, c142; Half duration: 15

BGS 30 08:08:31.1±2.6, 24.42S:176.00W, h33km, ORF 30 08:08:36.0±2.5, 24.55S:178.08W, h30km, mb6.2

IS28km, 2.5km; P-P, n438, c098/220, mb5.6/82, MS5.4/134, 44C-10D, South of Tonga Islands

Main table for 30d 8h section, listing station codes (RAO, RAR, DZM, etc.) and their corresponding data points.

2005 JAN

Main table for 2005 JAN section, listing station codes (PTCN, ASPA, WRAB, etc.) and their corresponding data points.

1230

Main table for 1230 section, listing station codes (CMB, CMB, KS15, etc.) and their corresponding data points.

Table of seismic data for stations 30d 8h, including station names, coordinates, and magnitudes.

Main table of seismic data for stations in 2005 JAN, including station names, coordinates, and magnitudes.

Table of seismic data for stations in 2005 JAN, including station names, coordinates, and magnitudes.

Table with columns: UMR, Umm Al-Rimmam, 8.75 277, eP, P, 08 33 10.6, -0.1, etc.

BJI 30 08:49:35.0, 7.83N-93.90E, h31km, mb5.2, mb4.8, Ms5.0, Ms4.7

HRVD 30 08:49:36.8, 0.3, 7.94N-94.18E, h12km, MW5.1/5.1, Centroid moment Tensor Solution, LP body waves: s19, c26, Mantle waves: s51, c81, ...

NEIC 30 08:49:36.8, 0.3, 8.01N-94.02E, mb5.2/68, MS5.2/6 Error ellipse: s-maj=9.4km s-min=7.2km az=45.0

MOS 30 08:49:37.2, 1.1, 8.08N-94.12E, h35km, mb5.4/61, MS5.1/11, Error ellipse: s-maj=11.0km s-min=5.5km az=123.4

ISC 30 08:49:34.8, 0.2, 7.94N-10.04, 94.12E, 0.03, h21km, h21km, 6km; p-P, n252, s1919/259, mb5.1/85, MS5.0/9, 9C-3D, Nicobar Islands region

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Main table for station data, columns: LZH, comp-Z, 66nm, 1.6s, mb5.1, pmax, pmax, etc.

Main table for station data, columns: CTAO, Charters Tower, 58.36 119, eP, P, 08 59 31.0, -0.3, etc.

30d 11h

Table with columns for station name, coordinates, and various data points. Includes stations like Sheshan, Urumqi, Beijing, etc.

2005 JAN

Table with columns for station name, coordinates, and various data points. Includes stations like Ostrava-Krasne, Moravsky Berou, Bratislava, etc.

1236

Table with columns for station name, coordinates, and various data points. Includes stations like Lanzhou, Ala-Archa, Ulaanbaatar, etc.

BUI JO 10:40:17.7, 8.10N:94.40E, h20km, mB5.3, mb4.6
NEIC 30 10:40:17.8-0.3, 8.07N-94.36E, mb4.8/34, Error ellipse:
s-maj=10.8km s-min=8.2km az=55.0

CSEM 30 10:40:22.9, 9.28N:94.49E, h33km, mb5.7
ISC 30 10:40:16.0-0.4, 8.02N-0.06E-94.39E-0.07, h20km,
h20km±1.0km, p-P, n83, c=087/84, mb4.7/40, Nicobar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like PALK, BWNR, SHL, etc.

CSEM 30 11:08:49.3-0.9, 38.64N-28.55W, h10km, ML1.5, Error ellipse:
s-maj=4.3km s-min=2.7km az=177.0, After PDA
PDA 30 11:08:49.3-0.9, 38.64N-28.55W, h10km, ML1.5,
Error ellipse: s-maj=4.3km s-min=2.7km az=177.0

SVSA 30 11:08:49.3-0.9, 38.64N-28.55W, h10km, MD2.9, ML1.5,
Error ellipse: s-maj=4.3km s-min=2.7km az=177.0,
Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like PCED, CEDros, HOR, etc.

NNC 30 11:13:36.0-37.0, 36.63N-71.26E, h139km, 395km, mpv3.4,
Error ellipse: s-maj=640.6km s-min=343.4km az=102.0
ISC 30 11:13:31.2-0.6, 36.36N-0.047103E-0.10, h144km±10km,
n31, c=077/33, mb3.6/1, 6C-3D, Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UCH, KZA, EK52, AAK, AAK, AAK, KBK, CHMS, USP, TKM2, DDI, NDI, MK31, KOLN, GKN, KKN, PKI, GUN, JIRN, BVA0, CHKZ, HYB, JOF, KAF, NB2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ, YOJ, IRIF, HATJ, HATJ, JKRS, JKRS, JUJ, JUJ, etc.

IGQ 30 11:37:36.3, 0.98S-81.54W, h4km, mb4.8, Error ellipse: s-maj=12.3km s-min=6.0km az=177.3

NEIC 30 11:37:48.1, 0.7, 0.75S-80.83W, h10km, mb4.3/7, MD4.8(G), Error ellipse: s-maj=15.3km s-min=13.5km az=12.0

NEIC Felt strongly at Manta. ISC 30 11:37:46.3, 0.6, 0.89S-0.07, 80.97W, h10km, n34, a=113/37, mb4.4/6, 8C-3D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOJA, MAGD, IGUA, TERV, PINO, GGP, MARY, NAST, YANA, CUSU, JUIV, VCI, RETU, ARRY, TAMB, PATA, ULBA, OTAV, OTAV, ANTI, COTA, CAYR, CAYA, CAYR, CONE, PAYG, NNA, SDV, SDV, LPAZ, LVC, PLCA, ANMO, SDCO, DBIC, INK, etc.

NEIC 30 11:37:50.7, 0.4, 3.477N-111.08W, h5km, ML4.0, MW4.0(SLM), Error ellipse: s-maj=6.5km s-min=5.9km az=193.0, Eastern Arizona

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVA, TUC, TUC, TUC, NEN, LAZ, LDFO, LENM, LPM, ANMO, MVU, MSU, PV01, PV10, SRU, PMOT, PMOT, TRCR, NLRU, MFU, SDCO, DAU, MNTX, NOQ, CTU, TPFH, GDLZ, CXPX, BGU, SCUT, SCUT, MNV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HWUT, HVU, AMTX, PHWY, AHID, BW06, RRI2, SNOW, TPWA, WUWY, LOHW, GLOS, IMW, WMOK, etc.

OTT 30 11:49:22.0, 0.1, 65.82N-90.44W, h18km, MN2.6/5, 205km west from Repulse Bay, Nu Boothia Ungava Seismic Zone. Boothia Ungava Seismic Zone. 205km west from Repulse Bay, Nu, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YRTN, YRTN, YRTN, IGLN, IGLN, IGLN, FCC, FCC, FCC, PINU, PINU, LGSN, LGSN, LUPN, LUPN, YNEN, YNEN, FRB, YKWB, YKWB, YKWB, GALN, GALN, SILO, SILO, SILO, VIMO, VIMO, VIMO, RLKO, RLKO, SOLO, SOLO, SOLO, ULM, ULM, etc.

NEIC 30 12:01:06.7, 1.1, 8.41N-94.71E, h30km, mb4.4/4, Error ellipse: s-maj=26.0km s-min=20.6km az=198.0

BUI 30 12:01:09.7, 8.40N-94.70E, h30km, mb4.4

ISC 30 12:01:04.7, 1.0, 8.3N-0.1, 94.6E-0.1, h30km, n16, a=1500/16, mb4.6/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALK, HVB, JIRN, PKI, DMN, GUN, KKN, GKN, KOLN, NDI, AAK, KURK, WRAB, CHKZ, KAF, NB2, etc.

IGQ 30 12:24:26.1, 1.19S-81.25W, h13km, mb4.1, 1D, Error ellipse: s-maj=7.7km s-min=5.5km az=109.2, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOJA, IGUA, JUIV, ARRY, ARRY, RETU, NAST, TERV, PINO, ULBA, PISA, YANA, VCI, TAMB, ANTI, COTA, CAYR, CAYA, etc.

JMA 30 12:45:03.0, 2.24, 16N-125.16E, h18km, M3.5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTG, JTG, JOGS, JOGS, JM3, JM3, JIJ, JIJ, JKRS, JKRS, HATJ, HATJ, IRIF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGUA, IGUA, JUA2, TERV, PINO, NAST, YANA, CUSU, JUIV, RETU, VCI, ARRY, PISA, PATA, TAMB, JUIA, ANTI, COTA, CAYR, CAYA, etc.

MAN 30 11:17:0.0, 11.26N-125.61E, h16km, mb4.0, ML2.8, MS2.6, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESP, BESP, PALO, OCLP, MSLP, MSLP, SCPH, PVCP, GUIM, etc.

CSEM 30 13:31:53.3, 0.0, 67.13N-20.89E, ML3.0, Error ellipse: s-maj=0.5km s-min=0.3km az=26.0, Suspected Mining explosion

UPP 30 13:31:54.1, 67.18N-20.70E, h0km, ML3.0, Suspected mining explosion

HEL 30 13:31:54.6, 0.1, 67.18N-20.69E, ML3.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DUNU, DUNU, MASU, KUA, PAJU, SJUU, KIF, KIF, KIF, etc.

CSEM 30 13:32:17.9, 37.89N-27.25E, h27km, MD3.1, After ISK ISK 30 13:32:17.9, 37.89N-27.25E, h27km, MD3.1

ATH 30 13:32:22.2, 37.97N-27.10E, h10km, MD3.2/3

ISC 30 13:32:19.4, 0.6, 37.95N-0.04, 27.41E-0.05, h24km, 10km, n12, a=19/12, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IZM, AYDN, AYDN, SMG, BCB, BCB, MLSB, AKS, MANT, MANT, VEY, DENT, DNZL, PRK, APE, etc.

IGQ 30 14:11:53.2, 1.01S-81.32W, h5km, mb4.4km, mb4.0, 2D, Error ellipse: s-maj=5.0km s-min=4.5km az=1.6, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOJA, HOJA, JAMA, JAMA, MAGD, IGUA, JUA2, TERV, PINO, NAST, JUIV, YANA, ARRY, PISA, VCI, TAMB, ANTI, COTA, CAYR, CAYA, etc.

MAN 30 14:17:26.6, 6.59N-126.29E, h9km, mb4.4, ML3.2, MS3.0

ISC 30 14:17:26.6, 0.3, 6.3N-0.2, 126.4E-0.2, h57km, 45km, n11, a=076/13, mb5.0/2, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KCP, KCP, BIPH, BIPH, BIPH, BIPH, SCPH, SCPH, ASPA, FORT, KLB, MIUN, etc.

BUI 30 14:26:26.8, 7.54N-93.15E, h42km, mb4.3

NEIC 30 14:26:29.8, 1.2, 7.64N-93.69E, h30km, mb4.3/4, Error ellipse: s-maj=28.8km s-min=20.2km az=70.0

ISC 30 14:26:28.6, 1.2, 7.8N-0.1, 93.9E-0.1, h30km, n17, a=088/16, mb4.6/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31, HYB, JIRN, PKI, DMN, KKN, etc.

30d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GKN Gorkha, LSA Lhasa, KOLN Koldanda, etc.

NEIC 30 14:48:42.4, 32.84S:71.15W, h54km, MD3.4(GUC), After GUC.

GUC 30 14:48:42.4, 0.7, 32.84S:71.15W, h54km, 2km, MD3.4, ML3.5, 13C-2D, Near coast of central Chile

Main table for NEIC 30 14:48:42.4, 32.84S:71.15W, h54km, 2km, MD3.4, ML3.5, 13C-2D, Near coast of central Chile. Lists stations like EI Roble, Papudo, Instituto Hidr, etc.

NEIC 30 14:59:19.1, 2.24, 20.03S:70.58W, h10km, ML4.6(GUC), Error ellipse: s-maj=48.7km s-min=13.2km az=97.0

GUC 30 14:59:21.4, 0.6, 20.26S:70.52W, h10km, ML4.6, ISC 30 14:59:18.2, 1.4, 20.10S:0.06:70.6W, 0.1, h10km, n5, 0.80/9, 1D, Near coast of northern Chile

Table for NEIC 30 14:59:19.1, 2.24, 20.03S:70.58W, h10km, ML4.6(GUC), Error ellipse: s-maj=48.7km s-min=13.2km az=97.0. Lists stations like Limon Verde, Antofagasta, San Pedro de A, etc.

IGQ 30 15:17:36.8, 0.97S:81.22W, h7km, 5km, mb4.0, 1C, Error ellipse: s-maj=8.1km s-min=5.0km az=8.0, Off coast of Ecuador

Table for IGQ 30 15:17:36.8, 0.97S:81.22W, h7km, 5km, mb4.0, 1C, Error ellipse: s-maj=8.1km s-min=5.0km az=8.0, Off coast of Ecuador. Lists stations like Cerro de Hojas, JAMA, Magdalena, etc.

IGQ 30 15:22:36.3, 3.12S:78.29W, h12km, 4km, mb4.1, 6C-2D, Error ellipse: s-maj=20.4km s-min=3.2km az=170.8, Peru-Ecuador border region

Table for IGQ 30 15:22:36.3, 3.12S:78.29W, h12km, 4km, mb4.1, 6C-2D, Error ellipse: s-maj=20.4km s-min=3.2km az=170.8, Peru-Ecuador border region. Lists stations like Arrayan, Pata, Magdalena, etc.

2005 JAN

Table for 2005 JAN. Lists stations like RETU Refugio, CUSU Cusua, CUSU Juive, etc.

NEIC 30 15:29:00.9, 0.3, 19.95S:178.43W, h600km, mb4.5/19, Error ellipse: s-maj=14.2km s-min=7.4km az=147.0

BUI 30 15:29:02.9, 20.00S:178.40W, h600km, mb5.2, mb4.6, ISC 30 15:28:57.6, 1.2, 20.21S:0.07:178.37W, 0.09, h579km, 16km, n66, 0.18191/46, mb4.5/17, 1C-7D, Fiji Islands region

Main table for 2005 JAN. Lists stations like AFI Afiamalu, MWZ Matawai, URZ Urewera, etc.

RR12 Red Ridge, 88.15 42 eP P 15 40 49.0 +5.6

QLMT Earthquake Lak, 88.82 41 eP P 15 40 52.6 +1.0

BOZ Bozeman (W), 89.11 40 eP P 15 40 53.0 +0.1

YAK Yakutsk, 91.71 338 eP P 15 41 01.8 -2.6

Table for RR12, QLMT, BOZ, YAK. Lists stations like KIEV Kiev, MALT Malatya, DMUB Dhulikhel, etc.

BUI 30 15:33:12.0, 7.81N:93.80E, h38km, mb5.6, mb5.2, Ms5.4, Ms2.5

HRVD 30 15:33:13.5, 0.2, 8.14N:94.22E, h12km, MW5.4/5.6, Centroid moment Tensor Solution. LP body waves: s40, c73, Mantle waves: s56, c109, Half duration: t=53

Moment tensor: Scale 10^17 Nm; M1: 1.0E+04; M2: 0.1E+04; M3: 0.1E+04; M4: 0.1E+04; M5: 0.1E+04; M6: 0.1E+04; M7: 0.1E+04; M8: 0.1E+04; M9: 0.1E+04; M10: 0.1E+04; M11: 0.1E+04; M12: 0.1E+04; M13: 0.1E+04; M14: 0.1E+04; M15: 0.1E+04; M16: 0.1E+04; M17: 0.1E+04; M18: 0.1E+04; M19: 0.1E+04; M20: 0.1E+04; M21: 0.1E+04; M22: 0.1E+04; M23: 0.1E+04; M24: 0.1E+04; M25: 0.1E+04; M26: 0.1E+04; M27: 0.1E+04; M28: 0.1E+04; M29: 0.1E+04; M30: 0.1E+04; M31: 0.1E+04; M32: 0.1E+04; M33: 0.1E+04; M34: 0.1E+04; M35: 0.1E+04; M36: 0.1E+04; M37: 0.1E+04; M38: 0.1E+04; M39: 0.1E+04; M40: 0.1E+04; M41: 0.1E+04; M42: 0.1E+04; M43: 0.1E+04; M44: 0.1E+04; M45: 0.1E+04; M46: 0.1E+04; M47: 0.1E+04; M48: 0.1E+04; M49: 0.1E+04; M50: 0.1E+04; M51: 0.1E+04; M52: 0.1E+04; M53: 0.1E+04; M54: 0.1E+04; M55: 0.1E+04; M56: 0.1E+04; M57: 0.1E+04; M58: 0.1E+04; M59: 0.1E+04; M60: 0.1E+04; M61: 0.1E+04; M62: 0.1E+04; M63: 0.1E+04; M64: 0.1E+04; M65: 0.1E+04; M66: 0.1E+04; M67: 0.1E+04; M68: 0.1E+04; M69: 0.1E+04; M70: 0.1E+04; M71: 0.1E+04; M72: 0.1E+04; M73: 0.1E+04; M74: 0.1E+04; M75: 0.1E+04; M76: 0.1E+04; M77: 0.1E+04; M78: 0.1E+04; M79: 0.1E+04; M80: 0.1E+04; M81: 0.1E+04; M82: 0.1E+04; M83: 0.1E+04; M84: 0.1E+04; M85: 0.1E+04; M86: 0.1E+04; M87: 0.1E+04; M88: 0.1E+04; M89: 0.1E+04; M90: 0.1E+04; M91: 0.1E+04; M92: 0.1E+04; M93: 0.1E+04; M94: 0.1E+04; M95: 0.1E+04; M96: 0.1E+04; M97: 0.1E+04; M98: 0.1E+04; M99: 0.1E+04; M100: 0.1E+04; M101: 0.1E+04; M102: 0.1E+04; M103: 0.1E+04; M104: 0.1E+04; M105: 0.1E+04; M106: 0.1E+04; M107: 0.1E+04; M108: 0.1E+04; M109: 0.1E+04; M110: 0.1E+04; M111: 0.1E+04; M112: 0.1E+04; M113: 0.1E+04; M114: 0.1E+04; M115: 0.1E+04; M116: 0.1E+04; M117: 0.1E+04; M118: 0.1E+04; M119: 0.1E+04; M120: 0.1E+04; M121: 0.1E+04; M122: 0.1E+04; M123: 0.1E+04; M124: 0.1E+04; M125: 0.1E+04; M126: 0.1E+04; M127: 0.1E+04; M128: 0.1E+04; M129: 0.1E+04; M130: 0.1E+04; M131: 0.1E+04; M132: 0.1E+04; M133: 0.1E+04; M134: 0.1E+04; M135: 0.1E+04; M136: 0.1E+04; M137: 0.1E+04; M138: 0.1E+04; M139: 0.1E+04; 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NJ2	PP	PP	15 41 00.0	-0.2		
NJ2	PPP	PPP	15 41 19.0	+2.5		
NJ2	S	S	15 45 09.0	+2.6		
NJ2	XS	XS	15 45 27.0			
NJ2	AMB	AMB				
comp=Z,80nm,1.0s,mb5.6						
NJ2	AMB	AMB				
comp=Z,490nm,5.1s						
NJ2	LR	LR				
comp=Z,5um,10.5s,MS5.5						
Sheshan	34.10	44	15 40 03.8	+0.9		
SSE	pP	pP	15 45 24.0	+2.7		
SSE	S	S	15 45 35.0			
SSE	SS	SS	15 47 52.5	+2.3		
SSE	SS	SS				
comp=Z,3um,12.1s,MS5.2						
Sheshan	34.10	44	15 45 24.0	+2.7		
SSE	S	S				
comp=N,3um,15.5s,MS5.3						
SSE	LR	LR				
comp=E,3um,15.5s,MS5.3						
SSE	LR	LR				
comp=Z,3um,12.1s,MS5.2						
Tai'an	35.01	33	15 40 06.0	+0.9		
Urumqi	36.08	352	15 40 15.0	+0.9		
WMO	AP	AP	15 40 19.5	-0.1		
WMO	PP	PP	15 41 36.8	+0.4		
WMO	PCP	PCP	15 42 41.8	+1.4		
WMO	S	S	15 45 52.5	+0.7		
WMO	AMB	AMB				
comp=Z,48nm,0.5s,mb5.7						
WMO	AMB	AMB				
comp=Z,559nm,4.7s						
WMO	LR	LR				
comp=N,5um,16.3s,MS5.4						
WMO	LR	LR				
comp=E,3um,15.5s,MS5.4						
WMO	LR	LR				
comp=Z,6um,19.1s,MS5.4						
Wadi Bani Khal	36.76	297	15 40 23.6	+3.6		
SNR=10						
BJI	P	P	15 40 27.9	+2.2		
Beijing	37.46	28	15 46 20.6	+7.7		
BJI	S	S				
BJI	SS	SS	15 49 04.5	+1.9		
BJI	SS	SS				
comp=Z,68nm,1.4s,mb5.3						
BJI	MLR	MLR				
comp=Z,1um,22.8s,MS4.7						
Beijing	37.46	28	15 40 27.9	+2.2		
comp=Z,68nm,1.4s,mb5.3						
BJI	S	S	15 46 20.6	+7.7		
BJI	SS	SS	15 49 04.5	+1.9		
BJI	SS	SS				
comp=Z,1um,22.8s,MS4.7						
Samard	37.70	297	15 40 31.2	+3.2		
SNR=18						
BIDO	P	P	15 40 32.1	+3.6		
Bidbid	37.77	298	15 40 29.3	+0.8		
SNR=15						
KZA	P	P	15 40 32.5	+0.5		
Kyzart	38.20	336	15 40 36.6	+3.1		
SNR=17						
UCH	P	P	15 40 33.1	-0.3		
Uchter	38.20	336	15 40 34.0	+0.4		
SNR=37						
BSY	P	P	15 40 35.5	+1.4		
Bisyu	38.36	297	15 40 37.9	+3.2		
SNR=26						
TKM2	P	P	15 40 35.9	+1.0		
Tokmak 2	38.37	338	15 40 34.0	+0.4		
SNR=11						
KBK	P	P	15 40 33.8	-1.1		
Karagaybulak	38.39	337	15 40 38.0	+2.1		
SNR=40						
AML	P	P	15 40 38.0	+2.1		
Almayashu	38.45	335	15 40 36.5	+0.9		
SNR=6.0						
HOQ	P	P	15 40 33.8	-1.1		
Hoqain	38.51	298	15 40 38.0	+2.1		
SNR=26						
AAK	P	P	15 40 35.9	+1.0		
Ala-Archa	38.55	337	15 40 34.0	+0.4		
SNR=32						
AAK	iP	iP				
AAK	pmax	pmax				
comp=Z,53nm,1.0s,mb5.2						
AAK	Ala-Archa	38.55	337	eP	15 40 33.8	-1.1
FRU	P	P	15 40 38.0	+2.1		
Bishkek	38.67	337	15 40 38.0	+2.1		
FRU	eP	eP				
FRU	pmax	pmax				
comp=Z,10.0nm,2.5s						
FRU	MLR	MLR				
comp=Z,4um,19.0s						
CHMS	Chumysh	38.76	337	P	15 40 36.5	-0.2
SNR=27						
EKS2	P	P	15 40 38.0	+0.5		
Erkin-Say	38.86	336	15 40 39.2	-0.1		
SNR=32						
USP	P	P	15 40 42.7	+2.8		
Ospenovka	39.08	337	15 40 45.5	+1.9		
SNR=45						
ARQ	P	P	15 40 49.5	+2.9		
Araqi	39.13	297	15 40 53.4	+2.4		
SNR=13						
MKAR	iP	iP	15 40 57.1	+3.1		
Makanchi Array	39.92	347	15 40 55.6	-0.9		
ASHO	P	P	15 40 55.6	-0.9		
Ashiyah	39.93	299	15 40 55.6	-0.9		
SNR=17						
WHFO	P	P	15 40 55.6	-0.9		
Wadi Hawf	40.46	288	15 40 55.6	-0.9		
SNR=33						
ABTO	P	P	15 40 55.6	-0.9		
Abut	40.83	287	15 40 55.6	-0.9		
SNR=7.0						
ULN	P	P	15 40 55.6	-0.9		
Ulanbaatar	41.17	13	15 40 55.6	-0.9		
ULN	eP	eP				
ULN	pmax	pmax				
comp=Z,17nm,0.9s,mb4.7						
ULN	MLR	MLR				
comp=Z,1um,20.0s,MS4.7						
Ulanbaatar	41.17	13	15 40 55.6	-0.9		
ULN	eP	eP				
ULN	pmax	pmax				
comp=Z,17nm,0.9s,mb4.7						
ULN	MLR	MLR				
comp=Z,1um,20.0s,MS4.7						
SNY	LR	LR				
Shenyang	42.53	33	15 41 09.0	+1.2		
SNY	iP	iP	15 47 27.8	-1.1		
SNY	S	S				
comp=Z,50nm,1.5s,mb5.0						
SNY	AMB	AMB				
comp=Z,390nm,5.9s						
SNY	LR	LR				
comp=E,2um,14.9s						
SNY	LR	LR				
comp=Z,2um,13.3s,MS5.1						
ZAK	42.88	90	15 41 10.3	-0.2		
Zakamensk	42.88	90	15 41 10.3	-0.2		
ZAK	eP	eP				
MOY	P	P	15 41 19.0	+0.6		
Mony	43.85	6	15 41 21.9	+0.7		
Talya	44.20	8	15 41 21.6	+0.4		
comp=Z,77nm,0.8s,mb5.5,SNR=12						
TLY	eP	eP				
TLY	pmax	pmax				
comp=Z,12nm,0.9s,mb4.6						
TLY	eP	eP	15 41 21.6	+0.4		
Talya	44.20	8	15 41 21.6	+0.4		
comp=Z,12nm,0.9s,mb4.6						
KURK	P	P	15 41 22.6	-0.6		
Kurchatov	44.45	346	15 41 22.2	-1.0		
KURK	P	P	15 41 14.9	-1.1		
Kurchatov	44.45	346	15 41 22.2	-1.0		
comp=Z,158nm,1.3s,mb5.8						
IRK	eP	eP				
irkutsk	44.84	9	15 41 28.8	+0.6		
comp=Z,427nm,0.7s,mb6.4						
MUN	eP	eP	15 41 28.8	+0.6		
Mundaring	45.04	153	15 41 28.8	+0.6		
comp=Z,27nm,0.8s,mb5.1						
MUN	P	P	15 41 28.8	+0.6		
Mundaring	45.04	153	15 41 28.8	+0.6		
comp=Z,27nm,0.8s,mb5.1						
MUN	pmax	pmax				
comp=Z,27nm,0.8s,mb5.1						
KLBR	eP	eP	15 41 31.4	+0.1		
Kellerberrin	45.42	151	15 41 38.5	+0.3		
comp=Z,1um,1.3s,mb5.8						
NWAO	P	P	15 41 38.5	+0.3		
Narrogin (SRO)	46.30	153	15 41 38.5	+0.3		
NWAO	pmax	pmax				
comp=Z,192nm,1.4s						
NWAO	MLR	MLR				
comp=Z,2um,22.0s						
NWAO	MLR	MLR				
comp=Z,192nm,1.4s,mb5.8						
NWAO	LR	LR				
comp=Z,2um,22.0s,MS5.1						
NVS	iP	iP	15 41 46.0	-1.2		
Novosibirsk	47.48	351	15 48 38.5	-1.4		
NVS	S	S				
comp=Z,99nm,1.5s,mb5.5						
NVS	pmax	pmax				
comp=N,153nm,1.8s						
NVS	pmax	pmax				
comp=E,54nm,1.3s						
NVS	smax	smax				
comp=E,71nm,2.1s						
NVS	smax	smax				
comp=N,34nm,1.9s						
NVS	P	P	15 41 50.5	+1.7		
Mudanjiang	47.67	34	15 43 18.0	+0.2		
MDJ	PCP	PCP	15 43 41.0	+1.1		
MDJ	PP	PP				

MDJ	PCS	PCS	15 47 12.3	
MDJ	S	S	15 48 50.8	+8.1
MDJ	AMB	AMB		
comp=Z,35nm,2.0s,mb5.0				
MDJ	AMB	AMB		
comp=Z,285nm,4.2s				
MDJ	LR	LR		
comp=N,734nm,18.5s,MS4.9				
MDJ	LR	LR		
comp=E,883nm,18.5s,MS4.9				
MDJ	LR	LR		
comp=Z,718nm,19.3s,MS4.7				
LBO5	eP	eP	15 41 56.3	+2.4
LBO5	AMB	AMB	15 41 57.5	
WRAB	P	P	15 41 51.9	-2.7
Tennant Creek	48.36	126	15 41 51.9	-2.7
WRAB	pmax	pmax		
comp=Z,19nm,0.8s,mb5.2				
WRAB	MLR	MLR		
comp=Z,375nm,19.0s,MS4.4				
WRAB	MLR	MLR	15 41 51.9	-2.7
Tennant Creek	48.36	126	eP	
comp=Z,19nm,0.8s,mb5.2				
WRAB	LR	LR		
comp=Z,375nm,19.0s,MS4.4				
WRAB	LR	LR		
WB2	P	P	15 41 53.5	-1.1
Warramunga Arr	48.37	126	15 41 56.7	-1.5
BRVK	eP	eP	15 43 27.7	
BRVK	e	e		
comp=Z,48nm,1.1s				
BRVK	pmax	pmax		
comp=Z,131nm,21.0s				
BRVK	MLR	MLR		
Borovoye	48.89	341	15 41 56.7	-1.4
comp=Z,48nm,1.1s				
BRVK	eP	eP	15 43 27.7	+4.9
BRVK	LR	LR		
comp=Z,131nm,21.0s				
BRVK	LR	LR		
RAYN	P	P	15 42 00.6	+1.1
Ar Rayn	49.02	294	15 42 00.0	+0.4
comp=Z,700nm,0.7s				
MAT	eP	eP	15 41 59.4	-0.2
Matsushiro	49.05	48	15 49 02.0	-0.2
MAT	S	S	15 42 02.9	+2.4
MAT	P	P	15 42 00.3	-1.1
DHBB	eP	eP	15 42 06.9	-0.1
Dhamar BB	49.13	282	15 42 00.3	-1.1
CHKZ	e	e	15 42 06.9	-0.1
CHKZ	pmax	pmax		
comp=Z,120nm,1.0s,mb5.9				
CHKZ	MLR	MLR		
Chkalovo	49.31	342	15 42 00.3	-1.1
comp=Z,120nm,1.0s,mb5.9				
CHKZ	e	e	15 42 06.8	-0.2
TRBA	P	P	15 42 04.7	+2.3
At Turbah	49.37	280	15 42 06.0	
TRBA	Amb	Amb		
comp=Z,157nm,1.5s,mb5.8				
FORT	eP	eP	15 42 10.5	-0.1
Forez	50.47	141	15 42 16.0	-4.0
comp=Z,75nm,0.9s,mb5.9				
KLR	eP	eP	15 44 19.8	
Kul'dur	51.74	31	15 42 16.0	-4.0
KLR	pmax	pmax		
comp=E,90nm,2.4s				
KLR	pmax	pmax		
comp=Z,110nm,2.4s,mb5.4				
KLR	MLR	MLR		
comp=Z,3um,13.5s,MS5.5				
BOD	P	P	15 42 20.8	-0.9
Bodaibo	51.98	13	15 42 39.3	+0.6
CLNS	eP	eP	15 43 37.8	
CLNS	e	e	15 44 44.2	
CLNS	ePPP	ePPP	15 45 51.5	-1.1
CLNS	eS	eS	15 50 24.5	+1.1
CLNS	pmax	pmax		
comp=Z,52nm,1.3s,mb5.3				
CLNS	pmax	pmax		
comp=N,26nm,1.0s				
CLNS	pmax	pmax		
comp=E,25nm,1.3s				
CLNS	pmax	pmax		
comp=Z,8.0nm,0.8s,mb4.7				
CLNS	pmax	pmax		
comp=N,11nm,1.0s				
CLNS	pmax	pmax		
comp=E,8.0nm,0.8s				
CLNS	MLR	MLR		
comp=N,1um,13.0s,MS5.2				
CLNS	MLR	MLR		
comp=Z,1um,13.0s,MS5.2				

30d 15h

Table with columns for station name, frequency, and signal strength. Includes stations like SKO Skopje, KWP Kalwaria, KOLS Kolonice sedl, etc.

2005 JAN

Table with columns for station name, frequency, and signal strength. Includes stations like CLL Collm, WET Wettzell, MOR8 MORA, etc.

1240

Table with columns for station name, frequency, and signal strength. Includes stations like RUP Ruppelstein, WTSB Winterswijk, MOF Montfermeil, etc.

Table with columns: RJF, MLR, MLR, comp-Z, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Market Rasen, Tilbrook Grang, Miracle, etc.

Table with columns: RES, RES, comp-Z, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Resolute Bay, Resolute Bay, Resolute Bay, etc.

Table with columns: OVCH, OVCH, comp-N, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Vallenar, Illapel, Papudo, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Schefferville, Compucauan, Clarke City, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Cerro de Hojas, JAMA, San Juan, etc.

OFF 30 16:23:32.1, 34.19N-30.86E, h30km, mb4.7, MOS 30 16:23:44.5, 1.6, 35.88N-29.72E, h10km, mb5.2/64, MS4.5/22, Error ellipse: s-maj=4.12km s-min=2.2km az=123.6

BUI 30 16:23:44.4, 35.68N-29.08E, h36km, mb5.3, mb5.0, Ms5.2, MSz4.8, ISK 30 16:23:47.9, 35.71N-29.55E, h42km, ML5.5, PDG 30 16:23:48.6, 0.5, 35.83N-29.69E, h18km, 2km, PDG Felt at Danilovgrad, Niksic, Grahovo IV MCS.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Eimaili, Fethiye, Antalya, etc.

30d 16th

KARP	Karpathos	2,09 264	Pn	P	16 24 23.8 +0.8
ISP	Isparta	2,13 17	PN	P	16 24 23.9 +0.3
ISP	Isparta	2,13 17	iP	P	16 24 23.3 -0.3
ISP	Isparta	2,13 17	ePn	P	16 24 23.7 +0.1
MLSE	Milias	2,15 314	Pn	P	16 24 23.1 -0.8
AKMC	Akamak	2,27 109	eP	P	16 24 27.5 +1.9
PPCY	Paphos	2,34 112	eP	P	16 24 28.6 +2.0
AYDN	Tasoluk	2,37 322	iP	P	16 24 28.0 +1.1
AYDN	Tasoluk	2,37 322	iS	P	16 24 47.9 -7.0
ALFC	Alevga	2,44 105	eP	P	16 24 29.1 +1.1
ALFC	Alevga	2,44 105	eS	P	16 24 27.7 -1.4
KHL	Karahalli	2,52 357	PN	P	16 24 28.7 -0.4
KHL	Karahalli	2,52 357	Pn	P	16 24 30.9 +1.8
HDMB	Hadim	2,52 62	ePn	P	16 24 29.9 +0.8
HDMB	Hadim	2,52 62	Pn	P	16 24 32.9 +0.5
LEF	Lefka	2,60 111	eP	P	16 24 32.2 -1.4
SZAC	Souni-Zanaja	2,83 341	iP	P	16 24 47.9 -1.9
MANT	Manisa	2,83 341	iS	P	16 24 35.5 +0.5
MANT	Manisa	2,83 341	eP	P	16 24 36.4 -1.2
MAMC	Mammari	2,93 101	eP	P	16 24 37.9 +0.7
SMG	Samos	2,99 310	Pn	P	16 24 35.0 +0.8
KONT	Konya-Tatoy	3,01 44	Pn	P	16 24 36.5 +0.4
KONT	Konya-Tatoy	3,01 44	Pn	P	16 24 37.6 +0.6
CSS	Izmir	3,25 324	PN	S	16 25 14.2 +1.3
IZM	Izmir	3,25 324	P	P	16 24 37.1 -1.6
IZM	Izmir	3,25 324	P	P	16 24 38.3 -1.1
KDAG	Bornova	3,25 324	iP	P	16 24 38.0 -1.5
KDAG	Bornova	3,25 324	iS	P	16 24 47.9 -2.9
ALT	Altintas	3,26 5	PN	P	16 24 38.9 -0.7
BLCB	Balcova	3,34 321	PN	P	16 24 39.2 -1.6
BLCB	Balcova	3,34 321	Pn	P	16 24 37.9 +0.7
AKS	Akhisar	3,42 334	PN	P	16 24 39.8 -2.1
AKS	Akhisar	3,42 334	Pn	P	16 24 41.3 -0.6
SANT	Santorini	3,49 281	ePn	P	16 24 42.2 -0.7
SANT	Santorini	3,49 281	eP	P	16 24 42.2 -0.7
KIZT	Kizilcal	3,52 30	PN	P	16 24 43.1 -0.0
KIZT	Kizilcal	3,52 30	Pn	P	16 24 43.4 +0.7
APE	Apeiranthos	3,60 292	ePn	P	16 24 44.1 -0.4
APE	Apeiranthos	3,60 292	Pn	P	16 24 43.7 -0.8
PHNC	Paralimni	3,62 102	P	P	16 24 44.7 +2.7
MEST	Erdemli	3,67 76	iS	P	16 24 46.1 +0.7
MEST	Erdemli	3,67 76	iP	P	16 24 47.7 -4.0
ESKT	Eskisehir	3,82 13	ePn	P	16 24 46.2 -1.3
ESKT	Eskisehir	3,82 13	iP	P	16 24 46.5 -1.0
ESKT	Eskisehir	3,82 13	iS	P	16 24 47.9 -4.4
ESKT	Eskisehir	3,82 13	Pn	P	16 24 47.7 +0.2
DSIT	Dursunbey	3,89 348	PN	P	16 24 49.1 +0.5
IDL	Anoyia	3,92 20	0.4	P	16 24 52.8 -1.3
ORLT	Orhaneli	4,28 352	PN	P	16 24 53.9 -0.2
ORLT	Orhaneli	4,28 352	Pn	P	16 24 53.0 -0.6
PRK	Paraskevi	4,39 323	P	P	16 24 57.6 +0.4
GPA	Golpazarı	4,50 6	ePn	P	16 25 00.2 +0.2
NIGS	Nigde	4,50 6	ePn	P	16 24 59.8 -0.2
CANB	Canakkale	4,70 334	PN	P	16 25 02.6 -1.3
GVD	Gavdhos	4,70 260	ePn	P	16 24 59.8 -0.2
GVD	Gavdhos	4,70 260	eS	P	16 24 58.0 -2.5
ANTO	Ankara	4,73 30	PN	P	16 25 00.0 -0.8
LOD	Lodumlu	4,76 343	PN	P	16 25 01.2 +0.3
BNT	Bandirma	4,76 343	ePn	P	16 25 01.2 +0.3
YLV	Yalova	4,76 357	ePn	P	16 25 01.2 +0.3
EDC	Edincik	4,76 343	PN	P	16 25 01.0 +0.0
EYL	Eskiyayla	4,77 4	ePn	P	16 25 04.1 +0.9
KAMT	Kaman	4,77 41	PN	P	16 25 05.4 +1.0
IDDU	Idudunlu	4,90 14	PN	P	16 25 04.8 +0.4
DABA	Dabaa	4,93 194	P	P	16 25 04.8 +0.4
HRT	Hereke	5,01 360	ePn	P	16 25 04.8 +0.4
HRT	Hereke	5,01 360	ePn	P	16 25 05.1 -0.0
CEYT	Ceyhan	5,01 74	PN	P	16 25 03.5 -1.7
BADT	Buyukada	5,06 355	PN	P	16 25 04.8 -0.4
BADT	Buyukada	5,06 355	Pn	P	16 25 06.2 -0.5
MRMT	Marmara Adasi	5,07 341	PN	P	16 25 08.2 +0.9
MRMT	Marmara Adasi	5,07 341	Pn	P	16 25 08.1 +0.8
MATL	Matirih	5,17 115	ePn	P	16 25 06.4 -0.9
MATL	Matirih	5,17 115	ePn	P	16 25 07.8 +0.5
HLAT	Hatay	5,22 179	P	P	16 25 05.9 -1.5
HLAT	Hatay	5,22 179	P	P	16 25 06.1 -1.5
HBRG	Burj al Arab	5,22 179	P	P	16 25 08.0 +0.1
HTY	Hatay	5,22 85	ePn	P	16 25 08.4 -3.4
HTY	Hatay	5,22 85	Pn	P	16 25 06.4 -1.5
BHL	Bhannes	5,24 110	ePn	P	16 25 08.3 -0.3
BHL	Bhannes	5,24 110	PN	P	16 25 08.5 -0.3
HNTI	Hanita	5,27 119	P	P	16 25 07.8 -1.0
HNTI	Hanita	5,27 119	PN	P	16 25 09.0 +0.1
ISK	Istanbul-Kandi	5,28 355	ePn	P	16 25 08.0 +0.1
ISK	Istanbul-Kandi	5,28 355	ePn	P	16 25 06.4 -1.5
MFT	Murefte	5,33 340	PN	P	16 25 08.7 -1.0
MFT	Murefte	5,33 340	Pn	P	16 25 09.0 +0.1
HAF	Haifa	5,33 123	P	P	16 25 08.0 -0.1
HAWQ	Hawqa	5,34 105	ePn	P	16 25 08.0 -0.1
HAWQ	Hawqa	5,34 105	eS	P	16 25 06.4 -1.5
HAWQ	Hawqa	5,34 105	PN	P	16 25 09.8 -0.0
HAWQ	Hawqa	5,34 105	PN	P	16 25 09.8 -0.0
OFRI	'Ofer	5,40 125	P	P	16 25 05.9 -4.1
VLI	Veliali	5,55 281	PN	P	16 25 09.8 +0.0
KSDI	Kefar Szold	5,56 116	P	P	16 25 12.4 +0.5
SLTI	Salit	5,67 127	P	P	16 25 12.1 +0.1
CANT	Canikiri	5,70 32	ePn	P	16 25 13.8 +0.0
CANT	Canikiri	5,70 32	Pn	P	16 25 14.1 +0.2
SLUM	Slum	5,71 222	P	P	16 25 14.1 +0.0
SLUM	Slum	5,71 222	S	P	16 25 12.9 -6.3
FKH	Fakehah	5,71 104	ePn	P	16 25 14.1 +0.0
FKH	Fakehah	5,71 104	PN	P	16 25 16.2 -3.1
BNN	Bunyan	5,76 56	ePn	P	16 25 15.8 +1.0
KSHT	Keshet	5,78 117	P	P	16 25 15.8 +0.8
MMLI	Mount Malkishu	5,80 124	P	P	16 25 15.8 +0.4
ALN	Alexandroupoli	5,84 332	eP	P	16 25 14.1 -1.5
CORM	Corum	5,84 40	ePn	P	16 25 15.5 -0.5
YOZG	Yozgat	5,87 48	PN	P	16 25 17.1 +0.2
YOZG	Yozgat	5,87 48	Pn	P	16 25 18.1 +1.8
SAFT	Safranbolu	5,91 22	ePn	P	16 25 16.6 -0.2
SAFT	Safranbolu	5,91 22	Pn	P	16 25 16.8 -0.1
KHB	Jabal al Khash	5,96 169	P	P	16 25 19.1 +1.5
HAG	Hagoal	6,17 160	P	P	16 25 21.3 +0.7
HAG	Hagoal	6,17 160	Pn	P	16 25 21.3 +0.7
GAZ	Gaziantep	6,19 75	ePn	P	16 25 19.6 -1.3
GAZ	Gaziantep	6,19 75	PN	P	16 25 19.7 -1.2
FYM	Al Fayyum	6,20 169	P	P	16 25 21.5 +0.6
FYM	Al Fayyum	6,20 169	Pn	P	16 25 22.2 +1.1
AYT	Al Ayyat	6,20 168	P	P	16 25 22.3 +1.1
TOS	Tosya	6,22 32	ePn	P	16 25 20.8 -0.5
TOS	Tosya	6,22 32	PN	P	16 25 21.1 -0.2
KZIT	Kziot	6,26 140	P	P	16 25 22.6 +0.7
XOR	Xorichti	6,28 306	eP	P	16 25 29.1 +7.0
DRGI	Dragot	6,30 30	ePn	P	16 25 23.0 +0.5
OUR	Ouranopolis	6,39 317	eP	P	16 25 22.3 -1.4
MASH	Mash'abbe Sade	6,40 137	P	P	16 25 24.3 +0.4
ITM	Ithomi	6,42 285	P	P	16 25 26.2 +2.1
GLL	Jalalab	6,43 164	P	P	16 25 24.8 +0.5
GLL	Jalalab	6,43 164	eP	P	16 25 24.8 +0.5
EDRB	Edirne	6,46 340	ePn	P	16 25 24.0 -0.7
EDRB	Edirne	6,46 340	Pn	P	16 25 25.6 +0.3
SUZ	Masada	6,51 132	P	P	16 25 26.0 +0.7
MZDA	Masada	6,51 132	S	P	16 26 36.7 -2.4
AGG	Agios Georgios	6,69 301	P	P	16 25 30.3 -0.2
HNKL	Nakhi	6,87 147	P	P	16 25 30.5 -0.4
HNKL	Nakhi	6,87 147	P	P	16 25 31.9 +1.0
BYBT	Boyabat	6,90 33	ePn	P	16 25 30.9 -0.4
BYBT	Boyabat	6,90 33	Pn	P	16 25 31.9 +1.0
ZAF	Zafra	6,93 159	iP	P	16 25 30.9 -0.4
ZAF	Zafra	6,93 159	iP	P	16 25 31.2 -0.1
ZNM	Znme	6,94 157	P	P	16 25 31.5 +0.0
ZNM	Znme	6,94 157	P	P	16 25 31.5 +0.1
ZFRI	Zfri	6,96 137	P	P	16 25 31.4 +0.9
BZK	Bozkurt	7,00 27	ePn	P	16 25 33.7 +1.1
TKTK	Toklat	7,03 48	PN	P	16 25 33.0 +0.5
SOH	Sokhos	7,07 317	eP	P	16 25 33.0 -0.3
KMTI	Karmit	7,08 142	P	P	16 25 34.1 -0.0
LIT	Litokhoron	7,14 309	eP	P	16 25 32.4 -1.9
SRS	Serrai	7,15 320	eP	P	16 25 36.7 +2.1
THE	Thessaloniki	7,17 314	eP	P	16 25 35.8 -1.2
NWR	Nevrokopi	7,18 243	PN	P	16 25 35.8 -1.2
SWA1	Swara	7,34 208	P	P	16 25 36.7 -0.4

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SWA1	Swara	7,34 208	P	P	16 25 36.7 -0.4
MALT	Malatya	7,40 68	eP	P	16 25 36.3 -1.6
MALT	Malatya	7,40 68	ePn	P	16 25 36.3 -1.5
MYA	Malataya	7,41 68	ePn	P	16 25 37.3 -0.6
SWA2	Swara	7,46 210	P	P	16 25 37.3 -1.4
SWA2	Swara	7,46 210	iP	P	16 25 37.4 -1.3
AWB	Urfu	7,49 195	P	P	16 25 38.2 -0.9
URFA	Urfu	7,50 75	ePn	P	16 25 39.3 -0.4
ELAT	Elat	7,54 143	ePn	P	16 25 39.3 -0.4
EIL	Kendrikon	7,56 317	eS	P	16 26 58.9 -6.0
KNT	Kendrikon	7,56 317	eP	P	16 25 39.4 -0.6
WLS	Walsamata	7,67 291	P	P	16 25 41.1 -0.1
GRG	Griva	7,71 314	eP	P	16 25 41.8 -0.2
GRB	Garib	7,95 160	P	P	16 25 44.6 -0.8
GRB	Garib	7,95 160	P	P	16 25 44.6 -0.8
HKAT	Jabal Katrina	8,12 152	P	P	16 25 47.3 -0.4
TR2	Trane	8,14 154	P	P	16 25 47.3 -0.8
FLOR	Florina	8,22 310	eP	P	16 25 47.4 -0.7
PTK	Petek	8,30 65	ePn	P	16 25 51.1 +1.9
BIA	Bitola	8,39 311	iPn	P	16 25 49.9 -0.4
BIA	Bitola	8,39 311	iS	P	16 25 59.9 +8.4
VTS	Vitosha	8,45 325	iS	P	16 25 09.2
ASUT	Asut	8,53 169	P	P	16 25 36.3 +1.3
ZEIT	Zeit	8,55 157	P	P	16 25 52.8 -0.6
TR1	Trane	8,55 157	P	P	16 25 52.8 -0.6
SHRM	Shrim	8,72 154	P	P	16 25 53.0 -0.9
SHRM	Shrim	8,72 154	P	P	16 25 56.0 -3.5
OHR	Ohrid	8,74 153	P	P	16 25 56.1 -0.2
OHR	Ohrid	8,77 310	ePn	P	16 26 01.6 +4.9
OHR	Ohrid	8,77 310	iP	P	16 26 02.8
OHR	Ohrid	8,77 310	iP	P	16 26 09.7
SKO	Skopje	8,91 316	iPn	P	16 26 22.3 +2.7
HARR	Harsova	8,98 352	P	P	16 26 22.0 +1.7
HARR	Harsova	8,98 352	iP	P	16 28 03.4
GUMT	Gumushane	8,99 56	iPn	P	16 28 18.4 +4.3
BING	Bingol	9,11 67	ePn	P	16 28 48.4
HRG	Al Ghardaqah	9,17 158	P	P	16 26 30.0 +4.3
HRG	Al Ghardaqah	9,17 158	P	P	16 26 06.7 +7.1
BARS	Barje	9,29 321	iP	P	16 26 18.2 +2.2
CFR	Carcaliu	9,44 353	iP	P	16 25 59.6 -0.2
TIR	Tirane	9,49 309	iP	P	16 26 01.4 -0.1
QSH	Qafa e Shtames	9,56 310	iP	P	16 26 01.2 -1.1
BAT	Batman	9,72 19	ePn	P	16 26 06.2 -3.5
SIM	Simferopol'	9,73 19	P	P	16 26 08.4 -1.5
SIM	Simferopol'	9,73 19	S	P	16 26 08.7 +1.0
SIM	Simferopol'	9,73 19	P	P	16 26 13.4 +0.2

VRSR	comp=N,3um,20.5s	MLR	MLR				
VRSR	comp=Z,4um,20.5s	MLR	MLR				
VRSR	comp=E,2um,20.3s	MLR	MLR				
CGRP	Cima Grappa	16.85 312f	eP	P	16 27 46.0	+2.3	
GSCL	Gusciola	16.91 306	eP	P	16 27 45.2	+0.7	
GSCL	Gusciola	16.91 306	eP	P	16 27 45.2	+0.6	
VLC	Villacollemands	16.97 305	eP	P	16 27 45.6	+0.3	
CTI	Castel Tesino	17.02 312	eP	P	16 27 48.1	+2.2	
ERBM	Eremo	17.06 306	eP	P	16 27 47.2	+0.9	
VOR	Voronozh	17.31 20	eP	P	16 27 50.0	+0.5	
PGF	comp=Z,300nm,2.0s						
PGF	Pioggiola	17.39 299	eP	P	16 27 48.3	-2.3	
PGF	comp=Z,574nm,1.5s						
PGF	Pioggiola	17.39 299	eP	P	16 27 48.3	-2.3	
DPC	comp=Z,287nm,1.5s						
DPC	Dobruska-Polom	17.48 330	eP	P	16 27 50.0	-1.7	
DPC			eS		16 31 26.9	+24	
DPC			AMS		16 36 10.0		
APPI	comp=Z,2um,13.9s						
SAL	Appiano	17.49 313	P	P	16 27 54.3	+2.4	
GE2C	Salo	17.50 310	eP	P	16 27 52.1	+0.2	
GE2C	GERESS Array S	17.56 323	eP	P	16 27 52.8	+0.2	
GE2C							
GE2C	comp=Z,75nm,1.0s						
GE2C	GERESS Array S	17.56 323	ePn	P	16 27 52.8	+0.2	
WAR	comp=Z,75nm,1.0s						
WAR	Warsaw	17.56 342	eP	P	16 27 54.7	+2.1	
WAR			eP		16 28 04.5		
WAR	Warsaw	17.56 342	eP	P	16 27 54.7	+2.0	
WAR			eP		16 28 04.1		
WTTA	Wattenberg	17.68 316f	iP	P	16 27 55.7	+1.5	
WTTA	Wattenberg	17.68 316f	iP	P	16 27 55.7	+1.5	
WTTA							
WTTA	comp=Z,48nm,0.7s						
WTTA	Malga Bissina	17.71 311	P	P	16 27 55.2	+0.6	
MABI	Upice	17.73 330	eP	P	16 27 55.5	+0.4	
UPC	Walderalm	17.75 316f	iP	P	16 27 55.5	+0.4	
WATA	comp=Z,54nm,0.7s						
WATA	Walderalm	17.75 316f	iP	P	16 27 55.5	+0.4	
WATA							
WATA	comp=Z,54nm,0.7s						
KHC	Kasperske Hory	17.81 323	eP	P	16 27 56.3	+0.5	
KHC			e		16 28 01.5		
KHC			e		16 28 11.0		
KHC	Kasperske Hory	17.81 323	eP	S	16 31 28.8	+1.9	
KHC			eS		16 27 56.3	+0.5	
KHC			pP		16 28 01.5		
KHC			x		16 28 11.0		
KHC			eS		16 31 28.8	+1.9	
KHC			AMS		16 35 40.0		
BOB	comp=Z,3um,12.7s						
KSP	Bobbio (Coli)	17.83 306	P	P	16 27 58.3	+2.3	
KSP	Ksiaz	17.88 331	eP	P	16 27 56.0	+0.6	
KSP			eS		16 31 20.0	+8.3	
KSP	Ksiaz	17.88 331	eP	P	16 27 56.0	+0.6	
KSP			ePP		16 28 09.5	-2.1	
KSP			eS		16 31 20.0	+8.3	
KSP	Ksiaz	17.88 331	eP	P	16 27 57.1	+0.5	
KSP			ePP		16 28 09.5	-2.1	
SOTA	Sankt Quirin	17.90 315f	iP	P	16 27 58.1	+1.2	
SOTA	Sankt Quirin	17.90 315f	iP	P	16 27 58.1	+1.2	
SOTA							
SOTA	comp=Z,46nm,0.7s						
PRU	Pruhonic	17.96 327	eP	P	16 27 56.8	-0.8	
PRU			eS		16 31 31.7	+18	
PRU			AMS		16 35 50.0		
BRMO	comp=Z,3um,12.1s						
MOTA	Moosalm	18.00 312	eP	P	16 28 03.0	+4.8	
MOTA	Moosalm	18.02 315f	iP	P	16 27 59.4	+0.9	
MOTA							
MOTA	comp=Z,300nm,0.9s						
MOTA	Moosalm	18.02 315f	iP	P	16 27 59.4	+0.9	
MOTA							
WET	Wetzell	18.16 322	eP	P	16 27 58.4	-1.8	
WET							
WET	comp=Z,69nm,1.0s						
WET	Wetzell	18.16 322	eP	P	16 27 58.4	-1.8	
WET							
WET	comp=Z,69nm,1.0s						
PCP	Pian Castagno	18.34 305	P	P	16 27 59.5	-2.9	
PVCC	Panska Ves	18.34 328	eP	P	16 28 01.1	-1.3	
PVCC			eS		16 31 41.5	+19	
PVCC			AMS		16 36 10.0		
RAYN	Ar Rayn	18.36 128	Ph	P	16 28 05.5	+2.7	
FUR	Furstenfeldbru	18.39 318	eP	P	16 28 01.2	-1.8	
FUR							
FUR	comp=Z,102nm,0.9s						
FUR	Furstenfeldbru	18.39 318	eP	P	16 28 01.2	-1.8	
FUR							
FUR	comp=Z,102nm,0.9s						
FIN	Finale Ligure	18.45 304	P	P	16 28 01.8	-2.0	
CAEH	Ain El Guahch	18.45 302	P	P	16 28 01.5	+1.7	
IMI	Imperia	18.57 302	P	P	16 28 02.3	-2.9	
CKFL	Kef-Lekhel	18.59 279	P	P	16 28 06.0	+0.5	
NEGI	Negi	18.68 302	P	P	16 28 05.0	-1.5	
DAVA	Damuels	18.70 314f	iP	P	16 28 06.8	0.0	
ROB	Roburent	18.71 304	P	P	16 28 04.3	-2.6	
VAI	Varese	18.71 309	eP	P	16 28 06.0	-0.9	
MON	Mone	18.72 303	P	P	16 28 05.0	-2.0	
MNK	Minsk	18.74 357f	iP	P	16 28 05.0	-2.2	
SUW	Suwalki	18.77 348	eP	P	16 28 06.0	-1.5	
SUW			eP		16 28 13.9		
SUW	Suwalki	18.77 348	eP	P	16 28 06.0	-1.5	
SUW			eP		16 28 13.9		
UBR	Uberruh	18.77 315	P	P	16 28 07.7	+0.1	
CASM	Ain Smara	18.78 278	P	P	16 28 07.5	-0.3	
SAOF	Saorge	18.82 302	eP	P	16 28 07.1	-1.1	
SBF	Sospel	18.87 302	eP	P	16 28 04.4	-4.3	
SBF	Sospel	18.87 302	eP	P	16 28 04.4	-4.3	
SBF							
SBF	comp=Z,153nm,0.9s						
BRG	Berggiesshubel	18.87 328	iP	P	16 28 09.1	+0.4	
BRG			eS		16 31 46.0	+12	
BRG			AMS		16 36 10.0		
BRG	comp=Z,135nm,1.7s						
BRG	Berggiesshubel	18.87 328	iP	P	16 28 09.1	+0.4	
BRG							
BRG	comp=Z,135nm,1.7s						
BRG	Berggiesshubel	18.87 328	iP	P	16 28 09.1	+0.4	
BRG							
BRG	comp=Z,135nm,1.7s						
BRG	Berggiesshubel	18.87 328	iP	P	16 28 09.1	+0.4	
BRG							
CTEI	Djebel Teoual	18.87 278	P	P	16 28 09.0	+0.2	
AUTN	L'Aution	18.91 302	eP	P	16 28 11.1	+1.8	
ENR	Entracque	18.99 303	P	P	16 28 07.2	-3.0	
TOUF	Mont Toumerai	19.04 302	eP	P	16 28 15.0	-1.0	
STV	Sa Anna Valdi	19.06 303	P	P	16 28 08.7	-2.3	
STV2	Stta di Valdie	19.06 303	P	P	16 28 08.8	-2.2	
MVIF	Mont Vial	19.07 302	eP	P	16 28 10.5	-0.6	
NKC	Novy Kostel	19.10 324	eP	P	16 28 10.6	-0.7	
NKC			eS		16 31 53.9	+15	
NKC			AMS		16 35 30.0		
DOI	comp=Z,2um,17.1s						
TRAV	San Damiano	19.20 304	eP	P	16 28 11.3	-1.2	
MCGN	Macugnaga	19.23 307	P	P	16 28 10.3	-2.5	
OFRA	Djebel Bou Aff	19.25 308	P	P	16 28 12.9	-0.2	
PZZ	Prazzo	19.25 304	P	P	16 28 15.0	+1.9	
BHB	Bricherasio	19.30 305	P	P	16 28 10.0	-3.0	
FRF	La Foret Royal	19.33 301	eP	P	16 28 11.9	-1.7	
FRF	La Foret Royal	19.33 301	eP	P	16 28 09.1	-4.8	
FRF							
FRF	comp=Z,106nm,1.1s						
CMER	Merouana	19.33 276	P	P	16 28 11.0	-3.0	
GRA1	Grabenberg Arr	19.34 322	eP	P	16 28 10.9	-3.1	
GRA1							
GRA1	comp=Z,138nm,1.3s						
GRA1	Grabenberg Arr	19.34 322	eP	P	16 28 10.9	-3.1	
GRA1							
GRA1	comp=Z,138nm,1.3s						
GRA1	Grabenberg Arr	19.34 322	eP	P	16 28 10.9	-3.1	
GRA1							

GRF	comp=Z,138nm,1.3s						
GRF	Grabenberg Arr	19.34 322	eP	P	16 28 10.9	-3.1	
GRF			eS		16 31 58.5	+14	
GRF			eP		16 28 10.7	-3.4	
GRFO	Grabenberg	19.34 322	eP	P	16 28 10.9	-3.4	
LMR	La Moure	19.36 300	eP	P	16 28 10.9	-3.4	
LMR	La Moure	19.36 300	eP	P	16 28 10.9	-3.4	
LMR							
LMR	comp=Z,106nm,1.3s						
RSP	Reno Superiore	19.41 306	P	P	16 28 11.9	-3.0	
SISB	Singen-Sch Ber	19.44 314	P	P	16 28 16.9	+1.8	
SURF	Saint Urs	19.46 303	eP	P	16 28 19.0	+3.4	
FENE	Fennele	19.50 305	P	P	16 28 14.4	-1.4	
OG22	Abries	19.51 304	eP	P	16 28 15.3	-0.6	
GKP	Gorka Klasztor	19.54 337	eP	P	16 28 14.4	-1.8	
GKP			eP		16 28 22.3		
GKP	Gorka Klasztor	19.54 337	eP	P	16 28 14.4	-1.8	
GKP							

30d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kangasniemi, Tsey, Gofitskoye, Obninsk, Kislodovsk, etc.

IGQ 30 17:34:36.2, 0.88S, 81.15W, h15km, 5km, mb4.0, 8C-2D, Error ellipse: s-maj=8.7km s-min=5.2km az=3.6, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalena, Iguatula, etc.

IGQ 30 17:44:51.7, 0.88S, 81.26W, h9km, 4km, mb4.0, 1C, Error ellipse: s-maj=6.7km s-min=4.8km az=12.9, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalena, Iguatula, etc.

OTT 30 18:06:45.2, 0.1, 48.13N, 77.97W, h19km, MNS, 8/30, 1C-1D, Southern Quebec

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Val d'Or, Kirkland Lake, Cabonga Reserv, Eldee, Grand Remous, Chalk River, Algonquin Park, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ottawa, Plevna, Otter Rapids, Killbear Provi, Alfred, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Killbear Provi, Alfred, Kapuskasing, Morin Heights, Sadowa, Murphy's Point, Deloro Mine, Williamsburg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Williamsburg, Tobermory, Bru, Saint Jean, Lindsay, Montreal, Collingwood, Kingston, Wesleyville, Pickering, Prince Edward, Lac Daran, Bruce Peninsul, Quebec, Acton, Elora Gorge, Mont Orford, Medina, Saint Catharin, Misere, La Malbaie, Tyneside, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Collingwood, Kingston, Wesleyville, Pickering, Prince Edward, Lac Daran, Bruce Peninsul, Quebec, Acton, Elora Gorge, Mont Orford, Medina, Saint Catharin, Misere, La Malbaie, Tyneside, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sainte Mathild, Hagersville, Riviere Ouelle, Saint Simeon, Pukaskawa Natio, Saint Andre, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint Andre, Victor Mine, La Grande 4, Geraldton, Baie Comeau, Pelee Island, Pointe Anglais, Grosses Roches, Thunder Bay, Clarke City, Sutton Inlier, Lac des Isle M, Saint George, Pick Lake, Atikokan Iron, Caledonia Moun, Sioux Lookout, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Baie Comeau, Pelee Island, Pointe Anglais, Grosses Roches, Thunder Bay, Clarke City, Sutton Inlier, Lac des Isle M, Saint George, Pick Lake, Atikokan Iron, Caledonia Moun, Sioux Lookout, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lac des Isle M, Saint George, Pick Lake, Atikokan Iron, Caledonia Moun, Sioux Lookout, etc.

IGQ 30 18:17:07.4, 1.09S, 81.09W, h14km, 4km, mb4.1, 2C-3D, Error ellipse: s-maj=6.5km s-min=4.3km az=17.2, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalena, Iguatula, Cusua, San Juan 2, Juive, Terraza Guagua, Pino, Nasa, Arrayan, Refugio, Yana Yana, Pisayambo, Ulba, Copaxani, Antisana, Cotacachi, Refugio Cayamb, Cayambe, etc.

IGQ 30 18:19:59.6, 0.80S, 81.41W, h14km, 6km, mb4.8, Error ellipse: s-maj=6.5km s-min=4.9km az=17.4, NEIC 30 18:20:04.5, 0.4, 0.94S, 81.00W, h10km, mb4.5/11, Error

ellipse: s-maj=9.9km s-min=7.2km az=54.0
ISC 30 18:20:03.4,0.5,0.88S,0.05:81.22W,0.03,h10km,n42,
c#117/46,mb4.6/3,18C-1D,Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HOJA, JAMA, MAGD, IGUA, etc.

MAN 30 18:36:50.6, 12.97N:124.99E, h42km, mb4.2, ML3.0,
MS2.7, 1C-1D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like PVCP, BESP, MIMP, etc.

IGQ 30 18:37:01.8, 0.79S:81.00W, h10km,6km,mb4.0,2C,Error
ellipse: s-maj=15.8km s-min=4.5km az=10.9, Off coast
of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HOJA, JAMA, MAGD, etc.

IGQ 30 18:34:05.3, 1.19S:81.34W, h7km,5km,mb4.4, 8C-2D,
Error ellipse: s-maj=7.5km s-min=5.4km az=4.9, Off
coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HOJA, JAMA, MAGD, etc.

CSEM 30 19:35:12.3,0.6,36.64N:9.72W, h2km, ML2.7/5, Error
ellipse: s-maj=11.9km s-min=10.0km az=94.0

NEIC 30 19:35:12.6, 36.65N:9.67W, MG3.3(MDD), After MDD.
INMG 30 19:35:14.0, 0.5, 36.64N:9.87W, h31km, ML1.7, Error
ellipse: s-maj=3.5km s-min=2.4km az=65.0

MDD 30 19:35:12.8, 1.9, 36.65N:9.72W, mbLg2.0/8, Error
ellipse: s-maj=15.5km s-min=13.0km az=67.0, PRXIMO,
West of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like PTEO, PALC, etc.

Table with columns: EGRO, EI Granado, 1.99 63 Ph Pn, 19 35 45.7 -2.3, etc. Lists stations like EGRO, EI Granado, etc.

ISC 30 19:41:50.5, 1.0, 7.3N:0.2, 92.6E:0.2, h33km, n11,
c#946/12, mb4.6/6, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HYB, JIRN, PKI, etc.

IGQ 30 19:51:05.9, 0.86S:81.04W, h19km,4km,mb4.3, 5C-4D,
Error ellipse: s-maj=8.6km s-min=4.5km az=9.0, Off
coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HOJA, JAMA, MAGD, etc.

NEIC 30 19:52:24.1, 1.17, 45S:174.73W, h186km, 11km, mb4.3/9,
Error ellipse: s-maj=24.1km s-min=9.3km az=133.0

ISC 30 19:52:30.1, 2.17, 45S:174.7W, 0.2, h182km, 15km,
n42, c#988/14, mb4.3/8, 2C, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like AFI, AFO, CTA, etc.

Table with columns: VYHS, GIVF, 147.05 343 ePKP, PKPdf, 20 18 43.7 +4.7, etc. Lists stations like VYHS, GIVF, etc.

NEIC 30 20:06:33.7, 37.32S:177.32E, h145km, After WEL.
WEL 30 20:06:33.4, 0.2, 37.26S:177.36E, h141km, 2km, ML3.7/9,
1C, Error ellipse: s-maj=3.2km s-min=2.1km az=0.0, Off
east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like MARZ, EDZ, URZ, etc.

IGQ 30 20:08:14.7, 0.90S:80.99W, h15km,5km,mb4.2, 3C-2D,
Error ellipse: s-maj=11.5km s-min=3.5km az=4.0, Near
coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like HOJA, JAMA, MAGD, etc.

NEIC 30 20:11:43.9, 31.39S:68.06W, h83km, After GUC.
GUC 30 20:11:43.9, 0.8, 31.39S:68.06W, h83km, 91km, ML3.8,
2C-1D, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists stations like ZON, MDZ, JACH, etc.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like EPFF, PBRG, PTEO, ELAN, etc.

NEIC 30 21:16:09.9:0.4, 1.98S-28.97E, h10km, mb4.5/19, Error ellipse: s-maj=10.8km s-min=7.3km az=89.0

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MBRAR, BOSAS, LMR, etc.

NEIC 30 21:17:01.1, 17.31N:100.75W, h14km, MD3.5(MEX), After MEX

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CAIG, ZIIG, ACX, etc.

TAP 30 21:34:58.1, 23.21N:121.37E, h20km, ML3.8

TAP Feit II J at Chengung, I J at Yuli, I J at Hungye, I J at Lidau.

JMA 30 21:34:59.3:0.5, 23.21N:121.53E, h85km, M2.8

ISC 30 21:34:57.5:0.3, 23.18N:121.51E, h17km, m4km, n59, c089/98, 10C-4D, Taiwan

Main table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CHKT, TWF1, EHW1, etc.

BJI 30 21:39:02.1, 8.36N:93.42E, h23km, mb5.3, mb4.8, Ms5.3, Ms5.0

HRVD 30 21:39:03.4:0.2, 8.13N:94.24E, h16km, mb5.3/60, Centroid moment Tensor Solution. LP body waves: t=1

NEIC 30 21:39:03.4:0.2, 8.22N:94.28E, mb5.1/78, MS4.7/4 Error ellipse: s-maj=6.0km s-min=4.3km az=47.0

MOS 30 21:39:05.4:0.9, 8.22N:94.24E, h47km, mb5.3/72, MS4.8/9, Error ellipse: s-maj=10.0km s-min=4.8km

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like PBA, SNG, INST, etc.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MDRS, CAL, SADM, etc.

NJ2 Nanjing 32.99 40 eP P 21 45 38.8 +1.3

comp-Z, 100nm, 1.2s, mb5.6

NJ2 comp-Z, 210nm, 11.8s

SSE Sheshan 33.95 44 P S 21 45 45.5 -0.4

comp-Z, 25nm, 0.7s, mb5.2

SSE comp-Z, 47nm, 3.4s

SSE comp-Z, 2.2m, 12.3s, MS5.0

TIA Tai'an 34.86 33 eP P 21 45 56.3 +2.6

WMQ Wumoji 36.01 352 P P 21 46 03.5 +0.1

WMQ comp-Z, 47nm, 0.7s, mb5.5

Table with columns for station call letters, name, frequency, power, and other technical details. The table is organized into two main columns, with the left column containing stations from VSL to WTTA and the right column containing stations from WTTA to GUMT. Each row represents a specific station and its associated data points.

31d 1h

2005 JAN

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Table with columns for flight codes (LZH, YAK, BOS, etc.), destinations (Lanzhou, Yakutsk, Boshof, etc.), times, and status indicators (P, S, M, etc.).

Table with columns for flight codes (CHRT, GENV, BJI, etc.), destinations (Chiangrai, Geneseo, Beijing, etc.), times, and status indicators (P, S, M, etc.).

Table with columns for flight codes (IMA, TNA, NJ2, etc.), destinations (Indian Mountain, Tin City, Nanjing, etc.), times, and status indicators (P, S, M, etc.).

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Petropavlovsk, Oxford, Brasilia Array, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Albuquerque, Junction City, Battle Mountain, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Antisana, Refugio Cayamb, Burgeitz, etc.

31d 3h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SSE, BJI, UCH, etc.

2005 JAN

Main table with columns for station code, name, frequency, power, and other technical details. Includes stations like CLL, CLM, MOX, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NVS, WRAB, WB2, etc.

NEIC 31 03:17:19.4, 0.4, 8.17N-94.35E, mb4.7/19, Error ellipse: s-maj=17.6km s-min=11.9km az=64.0
MOS 31 03:17:20.1, 0.8, 8.21N-94.42E, h33km, mb4.9/23, Error ellipse: s-maj=20.3km s-min=9.7km az=115.4

Code Station Name Az Phase ID Time Res

Table with columns for code, station name, azimuth, phase, ID, time, and resolution. Includes stations like CM31, JIRN, PKI, etc.

NSSP 31 03:59:42.2, 38.47N-44.97E, h8km, ML3.7
CSEM 31 03:59:48.8, 0.1, 38.77N-44.66E, h5km, mb4.1/2, ML4.2/1, Error ellipse: s-maj=3.0km s-min=2.1km az=132.0

Table with columns for code, station name, azimuth, phase, ID, time, and resolution. Includes stations like MAKU, GNI, etc.

Table with columns: STE, KARS, GRMI, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Stepanavan, Kars, Germi, etc.

NEIC 31 04:03:29.2, 32.69S-70.26W, h108km, MD4.1(GUC), After GUC.

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

MAN 31 04:04:01.2, 10.01N-121.99E, h1km, mb4.6, ML3.5, MS3.4, 2C, Panay

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anini, Jordan, Cuyo Island, etc.

JMA 31 04:05:15.8-0.4, 33.99N-142.47E, h95km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Choji, Mitsune, Odawara 2, etc.

ISC 31 04:24:38.0-0.4, 8.06N-10.05E-94.39E-0.06, h33km, n99, 0.95E/107, mb4.7/37, MS4.6/4, 5C-1D, Nicobar Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Vishakhapatnam, etc.

Table with columns: XAN, Xi'an, Nanjing, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Xi'an, Nanjing, Beijing, etc.

Table with columns: WET, Wetzell, 78.41 318 eP, P, 04 36 37.8 +0.2, etc. Includes stations like Moxa, Grañenbarr Arr, etc.

Table with columns: AAK, Ala-Archa, 58.73 336 eP, P, 04 39 32.9 -0.8, etc. Includes stations like Nasa, Ulanbatar, etc.

Table with columns: ARRAY, Refugio, 2.65 92 S, S, 04 59 15.1 +1.0, etc. Includes stations like JAMA, HOJA, etc.

Table with columns: IGQ 31 04:26:52.6, 0.74N-80.58W, h19km, mb4.5, 3C-8D, Error ellipse: s-maj=7.5km s-min=5.3km az=30.7, North coast of Ecuador. Includes station codes and names.

Table with columns: KIV, Kislovodsk, 59.33 316 eP, P, 04 42 14.7 +2.6, etc. Includes stations like SOC, YAK, etc.

Table with columns: IGQ 31 05:03:11.7, 1.27S-81.12W, h24km, mb4.6, 10C-8D, Error ellipse: s-maj=10.2km s-min=3.2km az=178.7, Off coast of Ecuador. Includes station codes and names.

Table with columns: JSN 31 04:27:51.7, 0.8, 17.74N-79.92W, MD4.5, 2C-5D, North of Honduras. Includes station codes and names.

Table with columns: BURAR, Burzha Array, 70.19 318 IP, P, 04 43 21.0 -1.5, etc. Includes stations like JOF, KAF, etc.

Table with columns: IGQ 31 05:13:15.3, 1.37S-81.08W, h10km, mb4.3, 5C-4D, Error ellipse: s-maj=9.4km s-min=4.4km az=6.0, Off coast of Ecuador. Includes station codes and names.

MOS 31 04:32:11.1, 1.6, 7.94N-94.36E, h33km, mb5.0/15, Error ellipse: s-maj=17.1km s-min=9.1km az=110.9

NEIC 31 04:32:11.7, 0.9, 8.09N-94.54E, h30km, mb4.7/12, Error ellipse: s-maj=21.9km s-min=16.3km az=171.0

ISC 31 04:32:10.4, 0.6, 7.99N-09.948E, 0.7, h34km, n61, s=144/66, mb4.8/22, MS4.3/2, 3C, Nicobar Islands region

NEIC 31 04:38:07.4, 1.6, 7.99N-93.96E, mb4.3/4, Error ellipse: s-maj=80.6km s-min=21.9km az=51.0

ISC 31 04:38:08.1, 1.2, 7.9N-0.3, 94.1E-0.4, h33km, (h11km, 5.0km, p-P), n13, c1=16/13, mb4.5/11, Nicobar Islands region

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

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

NEIC 31 05:15:22.2, 1.4, 7.53N-93.78E, h30km, mb4.3/4, Error ellipse: s-maj=35.0km s-min=19.9km az=72.0

ISC 31 05:15:21.1, 1.4, 7.6N-0.2, 94.0E-0.2, h30km, n11, s=071/11, mb4.3/7, Nicobar Islands region

ISC 31 05:20:54.6, 0.3, 30.98N-138.80E, h421km, M4.3, n12, c072/17, mb4.5/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like CM31, JIRN, PKI, etc.

ATH 31 04:40:10.0, 38.14N-27.05E, h30km, 1km, MD3.2/3

CSEM 31 04:40:11.1, 38.25N-26.82E, h23km, MD2.9, After ISK

ISC 31 04:40:11.1, 38.25N-26.82E, h23km, MD2.9

ISC 31 04:40:11.3, 1.3, 38.16N-0.04, 26.9E-0.1, h12km, 12km, n7, c079/12, Aegean Sea

ATH 31 04:40:10.0, 38.14N-27.05E, h30km, 1km, MD3.2/3

CSEM 31 04:40:11.1, 38.25N-26.82E, h23km, MD2.9, After ISK

ISC 31 04:40:11.1, 38.25N-26.82E, h23km, MD2.9

ISC 31 04:40:11.3, 1.3, 38.16N-0.04, 26.9E-0.1, h12km, 12km, n7, c079/12, Aegean Sea

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

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

JMA 31 05:20:54.6, 0.3, 30.98N-138.80E, h421km, M4.3, n12, c072/17, mb4.5/2, Southeast of Honshu

ISC 31 05:20:53.0, 0.7, 30.93N-0.10, 138.8E-0.3, h427km, 18km, n12, c072/17, mb4.5/2, Southeast of Honshu

ISC 31 05:32:51.0, 0.7, 69N-93.77E, h28km, MB5.1, mb4.5

ISC 31 05:32:49.0, 0.8, 8.0N-0.1, 94.1E-0.1, h19km, n13, c15/13, mb4.6/18, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like CM31, AAK, ULN, etc.

31d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

NEIC 31 07:46:09.6, 0.9, 8.27N-94.37E, h30km, mb4.4/6, Error ellipse: s-maj=30.4km s-min=24.7km az=52.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BWNR Bhubaneshwar, LSA Lhasa, BHPH Bhopal, etc.

IGQ 31 08:00:45.3, 1.155-81.34W, h12km, mb4.5, 9C-5D, Error ellipse: s-maj=9.7km s-min=5.5km az=141.4, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOJA Cerro de Hojas, MAGD Magdalena, IGUA Iguazata, etc.

JMA 31 08:13:27.6, 0.5, 33.93N-142.64E, h52km, M3.5, Error ellipse: s-maj=1.8, 33.93N-142.6E, 0.1, h80km, 30km, n10, 0.086/16, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

HRVD 31 08:15:04.7, 7.86N-93.94E, h30km, mb5.4, mb4.9, Ms5.1, Ms2.8

Centroid moment tensor Solution. LP body waves: s35c55; Mantle waves: s64c111; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.22e-15; Mw=0.31e+14; Mw1.91e+16; Mw1.14e+37; Mw4.99e+11; Mw=0.08e+39; Best double couple: Mw5.284e+16; NP1: 0.357; 370; 1.168; NP2: 202; 877; 1.21; Principal axes: T: 6.218, P1: 6.5, Azm51; N: 1.869, P1: 6.6, Azm51; P: 4.351, P1: 6.2, Azm219; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 31 08:15:05.9, 0.4, 7.98N-94.26E, mb5.2/46, MS4.5/7 Error ellipse: s-maj=10.5km s-min=9.5km az=53.0

MOS 31 08:15:06.9, 1.2, 8.03N-94.23E, h33km, mb5.4/46, MS4.6/10, Error ellipse: s-maj=10.9km s-min=5.6km az=120.9

CSEM 31 08:15:19.0, 8.84N-92.39E, h33km, mb5.6, Error ellipse: s-maj=1.4km s-min=1.95km az=104, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBA Port Blair, SNG Songkhla, NNT Nongplab, etc.

2005 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BWNR Bhubaneshwar, KOD Kodaikanal, KOD Kodaikanal, HYB Hyderabad, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ULN Ulanbator, SNY Shenyang, etc.

Table with columns: KAF, KANGASNIEMI, MAGDALINA, etc. Includes station names, coordinates, and various data points.

Table with columns: HAU, HAUDOMPRE, LA FORET ROYAL, etc. Includes station names, coordinates, and various data points.

Table with columns: HOJA, MAGD, IGUALTA, etc. Includes station names, coordinates, and various data points.

31d 9h

Table with columns for flight codes (e.g., JMK, JYW, JIO), destinations (e.g., Ichinoseki, Yuwa, Ouri), times, and status indicators (P, Pn, S, etc.).

2005 JAN

Table with columns for flight codes (e.g., MA2, MA2), destinations (e.g., Magadan, Chul'man, Sheshan), times, and status indicators (P, Pn, S, etc.).

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Table with columns for flight codes (e.g., ZAK, CVP, MOY), destinations (e.g., Zakamensk, Callao Caves, Mondy), times, and status indicators (P, Pn, S, etc.).

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PKI	Pulchoki	49.14 273	eP	P	09 48 33.8	-0.1
DMN	Daman	49.35 273	eP	P	09 48 35.7	+0.2
INK	Inuvik	49.41 29	eP	P	09 48 34.5	-0.9
INK	Inuvik	49.41 29	eP	P	09 48 34.5	-0.9
GKN	Gorkha	49.49 274	eP	P	09 48 36.4	-0.1
CHMS	Chumysh	49.65 296	P	P	09 48 36.9	-0.7
KBK	Karagaybulak	49.65 296	P	P	09 48 37.1	-0.5
KZA	Kyzart	49.68 295	P	P	09 48 38.6	+0.8
USP	Osnerovka	49.71 296	P	P	09 48 37.3	-0.8
FRU	Bishkek	49.80 296	iP	P	09 48 39.0	+0.2
FRU	Bishkek	49.80 296	iP	P	09 48 39.0	+0.2
AAK	Ala-Archa	49.97 296	P	P	09 48 39.5	-0.5
AAK	Ala-Archa	49.97 296	eP	P	09 48 38.4	-1.6
AAK	Ala-Archa	49.97 296	eP	P	09 48 38.4	-1.6
UCH	Uchtor	50.12 295	P	P	09 48 40.7	-0.5
KOLN	Koldanda	50.38 274	eP	P	09 48 43.5	+0.1
EKSZ	Erkin-Say	50.44 296	P	P	09 48 43.2	-0.4
AML	Almayashu	50.71 295	P	P	09 48 46.0	+0.3
SNQ	Songkhla	51.35 240	P	P	09 48 51.5	+0.6
SVE	Sverdlovsk	52.89 317	eP	P	09 48 58.0	-3.9
SVE	Sverdlovsk	52.89 317	eP	P	09 48 58.0	-3.9
BWNR	Bhubaneswar	53.01 265	eP	P	09 49 02.8	-0.5
ALBI	Allahabad	53.08 273	eP	P	09 49 00.5	-3.2
DDI	Dehra Dun	53.16 280	eP	P	09 49 02.6	-1.7
SOKR	Solkamsk	53.77 321	iP	P	09 49 04.0	-4.3
SOKR	Solkamsk	53.77 321	iP	P	09 49 04.0	-4.3
BHK	Bhakra	53.79 282	eP	P	09 49 09.0	+0.1
ARU	Arti	54.10 317	eP	P	09 49 09.0	-1.8
ARU	Arti	54.10 317	eP	P	09 49 09.0	-1.8
ARU	Arti	54.10 317	eP	P	09 49 03.0	-7.8
ARU	Arti	54.10 317	eP	P	09 49 03.0	-7.8
NDI	New Delhi	54.279	iP	P	09 49 13.0	-2.2
KAKA	Kakadu	55.15 193	eP	P	09 49 17.4	-1.7
VIS	Vishakhapatnam	56.43 264	eP	P	09 49 27.9	-0.3
BHPL	Bhopal	57.53 273	eP	P	09 49 34.8	-1.3
BHPL	Bhopal	57.53 273	eP	P	09 49 37.2	
RES	Resolute Bay	57.61 16	eP	P	09 49 33.7	-2.2
RES	Resolute Bay	57.61 16	eP	P	09 49 33.7	-2.2
RES	Resolute Bay	57.61 16	eP	P	09 49 33.7	-2.2
YKWS	Yellowknife Ar	58.83 32	eP	P	09 49 42.3	-2.3
APA	Apatity	59.17 335	iP	P	09 49 44.6	-2.2
APA	Apatity	59.17 335	iP	P	09 49 53.2	-2.7
APA	Apatity	59.17 335	iP	P	09 50 36.0	
KEV	Kevo	59.17 339	eP	P	09 49 48.7	-1.8
KEV	Kevo	59.17 339	eP	P	09 49 48.7	-1.8
KEV	Kevo	59.17 339	eP	P	09 49 48.7	-1.8
HYB	Hyderabad	60.18 267	iP	P	09 49 53.0	-1.4
AREO	ARESS Array S	60.26 339	eP	P	09 49 52.6	-1.7
KTK1	Kautokeino	61.21 339	eP	P	09 49 59.0	-1.8
KTK1	Kautokeino	61.21 339	eP	P	09 49 59.0	-1.8
DAG	Danmarks Havn	61.26 355	iP	P	09 49 58.9	-2.1
DAG	Danmarks Havn	61.26 355	iP	P	09 49 58.9	-2.1
DAG	Danmarks Havn	61.26 355	iP	P	09 49 58.9	-2.1
CTA	Charters Tower	61.54 177	eP	P	09 50 03.0	-0.6
FITZ	Fitzroy Crossi	61.83 200	eP	P	09 50 04.4	-1.3
TRO	Tromsø	61.87 341	eP	P	09 50 02.3	-2.9
WRAB	Tennant Creek	61.95 190	eP	P	09 50 04.1	-2.4
WRAB	Tennant Creek	61.95 190	eP	P	09 50 04.1	-2.4
WRAB	Tennant Creek	61.95 190	eP	P	09 50 04.1	-2.4
WB2	Warramunga Arr	61.96 190	eP	P	09 50 03.3	-3.2
JOF	Joensuu	65.15 332	eP	P	09 50 08.9	-1.8
POO	Poona	65.00 21	eP	P	09 50 12.3	-1.2
POO	Poona	65.00 21	eP	P	09 50 15.1	
KAD	Karad	65.32 270	eP	P	09 50 16.0	-0.9
KAD	Karad	65.32 270	eP	P	09 50 16.0	-0.9
KAD	Karad	65.32 270	eP	P	09 50 16.0	-0.9
RCM	Mount Rainier	63.80 50	P	P	09 50 19.1	+0.9
TBM	Table Mountain	64.26 49	P	P	09 50 21.3	+0.1
LOF	Lofoten	64.30 341	eP	P	09 50 21.7	+0.6
EBG	Ellensburg	64.42 49	P	P	09 50 22.8	+0.5
KEBM	Edson Butte	64.47 55	P	P	09 50 23.4	+0.7
MOS	Moscow	64.58 323	iP	P	09 50 22.0	-1.1
MOS	Moscow	64.58 323	iP	P	09 51 03.3	
MOS	Moscow	64.58 323	iP	P	09 51 16.7	+1.8
MOS	Moscow	64.58 323	iP	P	09 50 20.9	-2.2
EDM	Edmonton	64.59 40	eP	P	09 50 22.1	-1.1
MXC	Moxie City	64.77 49	P	P	09 50 23.5	+0.8
KAF	Kangasniemi	64.97 333	eP	P	09 50 23.2	-2.4
KAF	Kangasniemi	64.97 333	eP	P	09 50 23.2	-2.4
PUL	Pulkovo	65.08 329	eP	P	09 50 25.5	-0.8
PALK	Pallekete	65.15 257	eP	P	09 50 26.5	-1.0
OBN	Obninsk	65.43 323	iP	P	09 50 24.3	-4.4
OBN	Obninsk	65.43 323	iP	P	09 50 58.6	
OBN	Obninsk	65.43 323	iP	P	09 50 03.6	-6.0
OBN	Obninsk	65.43 323	iP	P	09 50 24.1	-4.6
NEW	Newport	65.56 46	eP	P	09 50 28.8	-0.8
NEW	Newport	65.56 46	eP	P	09 50 28.8	-0.8
NEW	Newport	65.56 46	eP	P	09 50 28.8	-0.8

MOR8	Moi Rana	65.59 340	iP	P	09 50 26.6	-2.9
MOR8	Moi Rana	65.59 340	iP	P	09 50 36.2	-5.6
VIPM	Ingram Point	65.77 51	P	P	09 50 31.5	+0.5
BUOR	Burton Butte	66.08 54	P	P	09 50 33.9	+0.9
YBH	Yreka Blue Hor	66.11 55	eP	P	09 50 34.1	+0.9
YBH	Yreka Blue Hor	66.11 55	eP	P	09 50 34.1	+0.9
YBH	Yreka Blue Hor	66.11 55	eP	P	09 50 34.1	+0.9
VOR	Voronezh	66.27 319	P	P	09 50 32.5	-1.6
VOR	Voronezh	66.27 319	P	P	09 50 32.5	-1.6
VOR	Voronezh	66.27 319	P	P	09 50 32.5	-1.6
VOR	Voronezh	66.27 319	P	P	09 50 32.5	-1.6
MBWA	Marble Bar	66.40 204	eP	P	09 50 34.0	-1.4
VRSR	Storozhevoje	66.59 318	iP	P	09 50 35.2	-0.9
VRSR	Storozhevoje	66.59 318	iP	P	09 50 35.2	-0.9
VRSR	Storozhevoje	66.59 318	iP	P	09 50 35.2	-0.9
VRSR	Storozhevoje	66.59 318	iP	P	09 50 35.2	-0.9
WALA	Watson Lakes	66.80 44	eP	P	09 50 36.8	-0.7
LASM	Arnica Sink	66.88 54	P	P	09 50 39.3	+1.2
WDC	Whiskeytown Da	66.89 56	eP	P	09 50 38.0	-0.2
WDC	Whiskeytown Da	66.89 56	eP	P	09 50 38.0	-0.2
WDC	Whiskeytown Da	66.89 56	eP	P	09 50 38.0	-0.2
TRD	Trivandrum	67.08 261	eP	P	09 50 38.7	-1.2
TRD	Trivandrum	67.08 261	eP	P	09 50 41.8	
LBCM	Butte Creek Ri	67.47 55	P	P	09 50 42.6	+0.8
BMO	Blue Mountains	67.47 50	eP	P	09 50 41.4	-0.4
MOD	Modoc	67.47 53	eP	P	09 50 42.4	+0.5
NSS	Namsos	67.53 40	eP	P	09 50 39.4	-2.5
NSS	Namsos	67.53 40	eP	P	09 50 39.4	-2.5
NSS	Namsos	67.53 40	eP	P	09 50 39.4	-2.5
NSS	Namsos	67.53 40	eP	P	09 50 39.4	-2.5
SCO	Scorebysund	67.62 355	iP	P	09 50 41.6	-0.8
SCO	Scorebysund	67.62 355	iP	P	09 50 41.6	-0.8
SCO	Scorebysund	67.62 355	iP	P	09 50 41.6	-0.8
MSO	Missoula	68.14 46	eP	P	09 50 45.2	-0.7
WVOR	Wild Horse Val	68.15 52	eP	P	09 50 46.2	+0.1
WVOR	Wild Horse Val	68.15 52	eP	P	09 50 46.2	+0.1
WVOR	Wild Horse Val	68.15 52	eP	P	09 50 46.2	+0.1
WVOR	Wild Horse Val	68.15 52	eP	P	09 50 46.2	+0.1
OHCM	Honcut	68.27 56	eP	P	09 50 46.1	-0.9
GOF	Gofitskoje	68.33 311	iP	P	09 50 47.0	-0.2
GOF	Gofitskoje	68.33 311	iP	P	09 50 47.0	-0.2
GOF	Gofitskoje	68.33 311	iP	P	09 50 47.0	-0.2
GOF	Gofitskoje	68.33 311	iP	P	09 50 47.0	-0.2
CHMT	Chamberlain Mo	68.46 46	eP	P	09 50 47.1	-0.9
FFC	Flin Flon	68.46 35	eP	P	09 50 49.8	-0.2
FFC	Flin Flon	68.46 35	eP	P	09 50 49.8	-0.2
FFC	Flin Flon	68.46 35	eP	P	09 50 49.8	-0.2
FFC	Flin Flon	68.46 35	eP	P	09 50 49.8	-0.2
FCC	Fort Churchill	69.02 28	eP	P	09 50 49.7	-1.5
FCC	Fort Churchill	69.02 28	eP	P	09 50 49.7	-1.5
FCC	Fort Churchill	69.02 28	eP	P	09 50 49.7	-1.5
FCC	Fort Churchill	69.02 28	eP	P	09 50 49.7	-1.5
DUS	Dusheti	69.19 308	P	P	09 50 52.5	0.0
KIV	Kislovodsk	69.21 311	eP	P	09 50 52.3	-0.3
KIV	Kislovodsk	69.21 311	eP	P	09 50 52.6	0.0
KIV	Kislovodsk	69.21 311	eP	P	09 50 52.6	0.0
KIV	Kislovodsk	69.21 311	eP	P	09 50 52.6	0.0
ZEI	Tsey	69.24 309	eP	P	09 50 51.4	-1.4
ZEI	Tsey	69.24 309	eP	P	09 53 25.3	
ZEI	Tsey	69.24 309	eP	P	09 59 56.5	+0.9
ZEI	Tsey	69.24 309	eP	P	09 50 54.4	+0.9
PAHR	Pah Rah Range	69.35 55	eP	P	09 50 54.4	+0.9
WCN	Washoe City	69.36 55	eP	P	09 50 53.5	-0.2
MTA	Mtatsminda	69.38 308	P	P	09 50 53.5	-0.2
TIZ	Plekhanov	69.38 308	P	P	09 50 52.6	-1.1
TIZ	Plekhanov	69.38 308	P	P	09 50 52.6	-1.1
ONI	Oni	69.62 309	P	P	09 50 55.5	+0.4
MNK	Minsk	69.65 326	eP	P	09 50 51.0	-4.1
CMB	Columbia Colle	69.74 57	eP	P	09 50 56.3	+0.3
CMB	Columbia Colle	69.74 57	eP	P	09 50 56.3	+0.3
CMB	Columbia Colle	69.74 57	eP	P	09 50 56.3	+0.3
CMB	Columbia Colle	69.74 57	eP	P	09 50 56.3	+0.3
HLID	Halley	69.91 49	eP	P	09 50 55.7	+0.1
MCMT	McKenzie Canyo	69.99 47	eP	P	09 50	

31d 9h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KAHT, ELDT, RUE, etc.

7005 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GRF, ZAPS, ARSA, etc.

1270

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like THEF, HINF, AMTX, etc.

31d 12h

CHCH Chadas Angostu 1.52 144 eP Pn 10 39 20.9 +0.6
CHCH 10 39 40.4 +1.1

MOS 31 10:39:33.0, 6.1, 5.3, 94Nk, 163.64E, h42km, mb3.9/1, Error ellipse: s-maj=47.4km s-min=29.3km az=47.8

KRSC 31 10:39:33.0, 1.1, 53.86Nk, 164.09E, h40km, 10km, ML4.2, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bering, Krutoberegovo, Mys Shipunski, Tumrok, Nalytchevo, etc.

CSEM 31 10:44:48.9, 0.1, 39.72Nk, 16.86E, h5km, mb4.1/1, Error ellipse: s-maj=2.1km s-min=1.6km az=7.0

ROM 31 10:44:49.8, 0.2, 39.66Nk, 16.88E, h5km, MD3.5/1, ML3.5/8, Error ellipse: s-maj=2.5km s-min=1.3km az=90.0

NEIC 31 10:44:49.8, 39.66Nk, 16.88E, h5km, mb4.1/1, MD4.2(PDG), MD3.5(ROM), After ROM.

PDG 31 10:44:51.4, 1.2, 39.76Nk, 16.96E, h14km, 3km PDG Felt at Danilovgrad, Niksic, Grahovo IV M.CS.

ISC 31 10:44:48.7, 0.3, 39.75Nk, 0.02, 16.77E, 0.02, h5km, n130, +f31/176, mb4.2/1, 11C-17D, Southern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Oriolo Calabro, Timpagrande, Laterza, etc.

2005 JAN

TREB Sg Sn 10 46 17.8 -1.8
TTG Podgorica 3.28 34/Pn Pn 10 45 42.0 +0.3
TTG eSn Pn 10 46 20.9 -0.7
PUK Puka 3.30 45 ePn Pn 10 45 43.1 +1.1
BRY Bratogost 3.42 22/Pn Pn 10 46 21.6 -0.5
BRY eSn Pn 10 45 44.1 +0.3
NKY Niksic 3.49 28/Pn Pn 10 46 25.1 -0.1
AQU L'Aquila 3.64 31/Pn Pn 10 45 45.2 +0.4
AQU eSn Pn 10 46 26.2 -0.9
FNA Florida 3.67 72 ePn Pn 10 45 47.2 -0.1
FNA Florida 3.67 72 P Pn 10 46 27.6 -4.0
FNA Florida 3.67 72 S Pn 10 46 27.6 -4.0
FNA Florida 3.67 72 P Pn 10 45 47.2 -0.2
PVP Plav 3.73 39/Pn Pn 10 45 49.0 +0.8
UPM Unac-Piva 3.81 24/Pn Pn 10 45 50.2 +0.9
UPM eSn Pn 10 46 33.9 -1.1
IVA Berane 3.91 36/Pn Pn 10 45 51.8 +1.1
IVA eSn Pn 10 46 37.2 -0.5
PLE Pljevlja 4.09 28/Pn Pn 10 45 54.0 +0.8
SKO Skopje 4.18 56/Pn Pn 10 45 54.3 -0.3
SKO Pn 10 46 06.7
SKO Pn 10 46 14.0
SKO Pn 10 46 33.0
SKO Pn 10 45 41.8 -0.5
SKO Pn 10 46 48.8 0.0
AGG Agios Georgios 4.37 98 ePn Pn 10 45 58.0 +0.7
AGG Agios Georgios 4.37 98 P Pn 10 45 58.0 +0.7
AGG Agios Georgios 4.37 98 S Pn 10 46 46.2 -3.1
AGG Agios Georgios 4.37 98 S Pn 10 46 46.2 -3.1
GRG Griva 4.47 73 ePn Pn 10 45 58.1 -0.5
KNT Kendrikon 4.88 71 ePn Pn 10 46 03.5 -1.1
KNT Kendrikon 4.88 71 P Pn 10 46 03.5 -1.1
KNT Kendrikon 4.88 71 S Pn 10 46 57.1 -5.2
DIVS Divcibare 4.97 28/Pn Pn 10 46 05.2 -0.5
DIVS Pn 10 46 59.3 -5.0
XOR Xorichti 4.98 92 ePn Pn 10 46 06.3 +0.4
BLJ Banja Luka 5.01 3 Pn Pn 10 46 09.1 +1.8
ZAV Zavaj Piriot 5.02 344/Pn Pn 10 46 07.3 +0.9
NVLL Nova Jula 5.08 34/Pn Pn 10 47 03.2 -2.4
GRUS Gruza 5.08 34/Pn Pn 10 46 08.9 +1.6
GRUS Pn 10 47 06.0 -1.2
SOK Sokhos 5.15 76 ePn Pn 10 46 07.5 -0.8
PALI Palouisi 5.32 86 ePn Pn 10 46 10.4 -1.1
SRR Serrai 5.38 73 ePn Pn 10 46 10.4 -1.1
SRR Serrai 5.38 73 P Pn 10 46 10.4 -1.2
AOS Alonnisos 5.53 94 ePn Pn 10 46 13.1 -0.6
OUR Ouranopolis 5.57 82 ePn Pn 10 46 13.4 -0.8
BOLS Boljevac 5.63 42 ePn Pn 10 46 44.0 +3.0
ZAPS Zavojski Piro 5.64 49/Pn Pn 10 46 34.2 -1.0
BOJ Belgrade 5.76 27 ePn Pn 10 47 34.2 -1.0
BOJ Brijuni 5.86 350 ePn Pn 10 46 19.5 +1.2
BOJ eSn Pn 10 47 24.6 -2.2
BOJ eSn Pn 10 46 24.2 +0.8
VIS Visnje 6.22 347/Pn Pn 10 46 26.5 -0.4
PIGG Pioggia 6.50 298 ePn Pn 10 47 38.4 -4.3

LJU Ljubljana 6.50 346 ePn Pn 10 46 28.1 +0.7
LJU eSn Pn 10 47 42.0 -0.9
VOY Vojsko 6.63 342 ePn Pn 10 46 28.9 -0.2
VOY eSn Pn 10 46 30.2 -0.1
KOGS Kog 6.71 357/Pn Pn 10 46 30.2 -0.1
OBKA Obir 6.95 347/Pn Pn 10 46 33.6 -0.1
OBKA eSn Pn 10 47 47.9 -6.1
PERS Pernice 6.99 351 ePn Pn 10 46 34.2 0.0
ALL Alexandroupoli 7.18 354/Pn Pn 10 46 34.9 -0.5
ARZ Arzberg 7.55 354/Pn Pn 10 46 41.7 -0.5
ARSA Arsanof 7.55 354/Pn Pn 10 46 01.8 -7.4
SANT Santorini 7.64 113 ePn Pn 10 48 01.1 -2.3
SANT Santorini 7.64 113 ePn Pn 10 46 41.1 -2.2
KBA Koelbreinsper 7.74 342/Pn Pn 10 46 44.8 +0.1
KBA eSn Pn 10 46 48.8 +5.7
SOF Sospel 8.09 304 ePn Pn 10 46 48.0 -1.7
MBA Molin 8.30 348/Pn Pn 10 46 52.4 -0.1
WTA Wattenberg 8.39 335/Pn Pn 10 48 21.1 -6.6
WTTA Wattenberg 8.39 335/Pn Pn 10 46 55.1 +1.3
WTTA Wattenberg 8.39 335/Pn Pn 10 48 24.8 -5.1
WATA Walderalm 8.47 335/Pn Pn 10 46 57.8 +0.9
WATA Walderalm 8.47 335/Pn Pn 10 48 26.7 -5.3
PSZ Piszkesteto 8.47 14 ePn Pn 10 46 52.7 -2.3
PSZ Piszkesteto 8.47 14 ePn Pn 10 46 52.7 -2.3

SQTA Sankt Quintin 8.49 333/Pn Pn 10 46 56.6 +1.4
SOTA Sankt Quintin 8.49 333/Pn Pn 10 48 28.2 -4.3
MBDF Montbardon 8.93 307 ePn Pn 10 46 58.8 -2.5
GECZ GERRESS Array S 9.36 347 ePn Pn 10 47 06.5 -0.7
GECZ GERRESS Array S 9.36 347 ePn Pn 10 47 06.5 -0.7
SMRF Simiane la Rot 9.36 300 ePn Pn 10 47 07.5 -1.5
ORIF Oris-en-Rattie 9.57 306 ePn Pn 10 47 07.5 -2.6
KHC Kasperske Hory 9.65 347 ePn Pn 10 47 09.8 -1.4
KHC x x 10 47 16.0
KHC x x 10 47 39.0
KHC x x 10 48 54.9 -6.4
WET Wettzell 9.80 345 ePn Pn 10 47 12.0 -1.2
WET Wettzell 9.80 345 ePn Pn 10 48 59.1 -5.7
MORC Moravsky Berou 10.04 3 ePn Pn 10 47 16.7 -0.1

VIVF Vint-Julien-I 10.31 304 ePn Pn 10 47 17.7 -2.6
PRU Pruhonice 10.36 352 ePn Pn 10 47 19.2 -1.8
HNF Hinterfeld 10.78 322 ePn Pn 10 47 23.1 -3.6
CDF Champ du Feu 11.02 325 ePn Pn 10 47 27.3 -2.7
HAD Haudompre 11.16 321 ePn Pn 10 47 28.1 -3.8
MOX Moxa 11.48 343 ePn Pn 10 47 35.0 -1.3
MOX Moxa 11.48 343 ePn Pn 10 47 35.0 -1.3
CLL Collim 11.86 348 ePn Pn 10 47 41.0 -0.3
NB2 NORSPA Subarra 21.59 353 P Pn 10 49 40.7 -0.4

IGQ 31 11:26:35.6, 1.18S, 81.16W, h12km, 15km, mb4.1, 1C-2D, Error ellipse: s-maj=42.9km s-min=10.5km az=171.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalen, Iguala, etc.

IGQ 31 12:02:26.9, 1.16S, 81.14W, h13km, 5km, mb4.3, 2C-1D, Error ellipse: s-maj=8.7km s-min=6.7km az=145.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalen, Iguala, etc.

CASC 31 11:32:05.5, 1.4, 13.57N, 90.74W, h32km, 5km, MD3.5, ML3.9, 6C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ixpaco, Cerro de Hojas, Magdalen, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Boqueron, Serv Nac Est T, El Faro, Las Brisas, La Ceiba, San Vicente, etc.

IGQ 31 11:40:50.9, 1.41S, 81.25W, h12km, 6km, mb4.2, 5C-1D, Error ellipse: s-maj=9.6km s-min=7.3km az=161.2, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalen, Iguala, Cusua, Juive, etc.

MAN 31 11:56:42.6, 17.73N, 121.22E, h1km, mb3.9, ML2.7, MS2.3, 1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Conner, Dolores, Calao Caves, Cauayan, etc.

GUC 31 12:01:30.6, 0.6, 31.64S, 69.68W, h153km, 7km, MD3.9, ML4.1

NEIC 31 12:01:30.6, 0.6, 31.62S, 69.36W, h125km, 12km, mb3.8/1, MD3.9(GUC), Error ellipse: s-maj=10.9km s-min=6.6km az=96.0

ISC 31 12:01:30.2, 0.7, 31.62S, 0.03, 69.35W, 0.06, h122km, 7km, n18, 0996/32, 4C-2D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zonda, Petorca, Jahuel, Illapel, etc.

IGQ 31 12:02:26.9, 1.16S, 81.14W, h13km, 5km, mb4.3, 2C-1D, Error ellipse: s-maj=8.7km s-min=6.7km az=145.5, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalen, Iguala, Cusua, Juive, etc.

BUI 31 12:06:37.4, 8.38N, 94.10E, h5km, mb5.2, mb4.7, Ms4.6, Ms2.4

NEIC 31 12:06:37.7, 0.6, 8.03N, 94.39E, mb4.8/16, Error ellipse: s-maj=15.2km s-min=14.5km az=187.0

MOS 31 12:06:39.4, 3.1, 8.06N, 94.50E, h33km, mb4.9/23, Error ellipse: s-maj=14.4km s-min=9.3km az=110.7

ISC 31 12:06:38.0, 0.5, 8.04N, 0.07, 94.30E, 0.05, h24km, h24km, 1.7km, pp-P, n8.4, 1819/P, mb4.8/28, MS4.3/3, 3C-5D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro de Hojas, Magdalen, Iguala, Cusua, Juive, etc.

31d 13h

AAK	comp=Z,23nm,1.3s,mb4.8	38.52 336	eP	P	13 21 53.0	-1.5
HOQ	comp=Z,66nm,1.5s,mb5.2	38.53 298	P	P	13 21 57.7	+3.0
FRU	SNR=11	38.64 337	eP	P	13 21 57.0	+1.5
FRU	comp=Z,60nm,2.0s,mb5.0		pmx	MLR		
CHMS	comp=Z,2um,20.0s,MS4.8	38.73 337	P	P	13 21 55.4	-0.8
EKSZ	Erkin-Say	38.83 336	P	P	13 21 57.8	+0.7
USP	SNR=10	39.05 337	P	P	13 21 58.8	-0.1
ARQ	SNR=15	39.16 297	P	P	13 22 02.6	+2.7
MKAR	SNR=9.4	39.88 347	iP	P	13 22 04.8	-0.9
MKAR	comp=Z,14nm,0.9s	39.96 299	P	P	13 22 08.3	+1.7
ASHO	SNR=7.3	40.50 288	P	P	13 22 13.2	+2.1
WHFO	SNR=26	41.10 13	eP	P	13 22 16.6	+0.9
ULN	SNY	42.45 33	eP	P	13 22 28.0	+1.1
SNY	comp=Z,20nm,2.5s,mb4.3		AMB	AMB		
SNY	comp=N,69nm,14.2s,MS4.9		LR	LR		
SNY	comp=E,91nm,12.3s,MS4.9		LR	LR		
SNY	comp=Z,700nm,15.0s,MS4.7	42.82 9	eP	P	13 22 27.8	-2.0
ZAK	Zakamensk	42.82 9	eP	P	13 24 16.3	
ZAK		44.14 8	eP	P	13 22 43.4	+2.9
TLY	Talaya	44.14 8	eP	P	13 22 42.2	-0.5
KURK	Kurchatov	44.41 346	eP	P	13 22 48.6	-0.1
KURK	comp=Z,74nm,1.4s,mb5.2		pmx	MLR		
KURK	comp=Z,74nm,1.4s,mb5.2	44.41 346	eP	P	13 22 42.2	-0.5
KURK			eP	P	13 22 48.6	-0.1
NVS	Novosibirsk	47.43 351	eP	P	13 23 05.2	-1.4
NVS	comp=N,31nm,1.3s		pmx	pmx		
NVS	comp=E,18nm,1.3s		pmx	pmx		
NVS	comp=Z,54nm,1.3s,mb5.3		smx	smx		
NVS	comp=N,23nm,2.0s		smx	smx		
NVS	comp=E,20nm,2.0s		smx	smx		
MDJ	Mudanjiang	47.59 34	P	P	13 23 09.8	+1.8
MDJ			PP	PP	13 24 55.3	-3.6
MDJ			SCS	SCS	13 32 53.5	-4.4
MDJ	comp=Z,24nm,2.0s,mb4.9		AMB	AMB		
MDJ	comp=Z,230nm,4.7s		LR	LR		
MDJ	comp=N,254nm,31.1s,MS4.2		LR	LR		
MDJ	comp=E,265nm,29.3s,MS4.2		LR	LR		
WRAB	comp=Z,514nm,19.2s	48.35 126	eP	P	13 23 12.6	-1.6
WRAB	Tennant Creek	48.35 126	eP	P	13 23 19.5	-0.8
WRAB	comp=Z,5.0nm,0.8s,mb4.6		pmx	pmx		
WRAB	comp=Z,5.0nm,0.8s,mb4.6	48.35 126	eP	P	13 23 12.6	-1.7
WRAB	comp=Z,5.0nm,0.8s,mb4.6		eP	P	13 23 19.4	-0.9
WB2	Warramunga Arr	48.35 126	eP	P	13 23 12.7	-1.5
BVA0	Borovoye Array	48.80 341	P	P	13 23 16.1	-1.1
BVA0	comp=Z,4.0nm,1.2s,mb4.3		pmx	pmx		
RAYN	Ar Rayn	49.05 294	P	P	13 23 20.1	+0.5
CHKZ	Chkalovo	49.28 342	eP	P	13 23 20.0	-0.9
CHKZ	comp=Z,307nm,0.7s,SNR=38		eP	P	13 23 26.2	-0.9
CHKZ	comp=Z,73nm,1.4s,mb5.5	49.28 342	eP	P	13 23 20.0	-0.9
CHKZ	comp=Z,73nm,1.4s,mb5.5		eP	P	13 23 26.2	-0.9
CHKZ	comp=Z,73nm,1.4s,mb5.5		eP	P	13 23 26.2	-0.9
ASPA	Alice Springs	50.01 130	eP	P	13 23 26.0	-1.0
KLR	Kul'dur	51.66 31	eP	P	13 23 41.6	+2.5
KLR	comp=E,1um,14.0s		MLR	MLR		
BOD	Bodaibo	51.91 13	P	P	13 23 41.8	+0.8
CLNS	Chul'man	54.20 20	eP	P	13 23 58.3	+0.4
CLNS	comp=Z,14nm,0.9s,mb4.9		pmx	pmx		
CLNS	comp=N,7.0nm,1.0s		pmx	pmx		
CLNS	comp=E,8.0nm,1.0s		pmx	pmx		
CLNS	comp=N,90nm,14.1s		pmx	pmx		
CLNS	comp=Z,100nm,11.5s		pmx	pmx		
CLNS	comp=E,100nm,11.3s		pmx	pmx		
CLNS	comp=Z,500nm,14.0s,MS4.7		MLR	MLR		
CLNS	comp=N,60nm,13.0s,MS4.8		MLR	MLR		
GNI	Garni	54.32 314	eP	P	13 23 58.6	-0.4
GNI	comp=Z,46nm,1.3s		pmx	pmx		
GNI	Garni	54.32 314	eP	P	13 23 58.6	-0.4
GNI	comp=Z,46nm,1.3s,mb5.2		pmx	pmx		
SVE	Plekhanov	54.93 316	eP	P	13 24 02.0	-1.5
SVE	Sverdlovsk	55.21 338	eP	P	13 24 01.0	-4.4
SVE	comp=Z,100nm,1.6s,mb5.6		pmx	pmx		
SVE	comp=Z,2um,16.0s,MS5.3		MLR	MLR		
ARU	Arti	55.71 337	iP	P	13 24 00.8	-8.1
ARU			eS	S	13 25 04.7	
ARU			eS	S	13 31 41.4	-1.1
ARU			eS	S	13 33 54.9	
KIV	Kislodovsk	57.19 318	eP	P	13 24 18.7	-1.0
KIV	comp=Z,52nm,1.4s,mb5.4		pmx	pmx		
KIV	comp=Z,76nm,1.4s,mb5.5	57.19 318	eP	P	13 24 18.7	-1.0
KIV	comp=Z,76nm,1.4s,mb5.5		pmx	pmx		
KMBO	Kilima Mbogo	57.51 263	eP	P	13 24 24.2	+1.8
KMBO	comp=Z,37nm,0.9s		pmx	pmx		
KMBO	Kilima Mbogo	57.51 263	eP	P	13 24 24.2	+1.8
MALT	Malatya	58.36 310	eP	P	13 24 26.6	-1.4
MALT	comp=Z,36nm,0.9s,mb5.4		pmx	pmx		
MALT	comp=Z,23nm,1.4s,mb5.0		pmx	pmx		
MALT	comp=Z,23nm,1.4s,mb5.0		pmx	pmx		
SOKR	Solikamsk	58.61 339	iP	P	13 24 33.7	-0.5
SOKR	comp=Z,80nm,1.6s,mb5.5		pmx	pmx		
SOKR	comp=Z,1um,21.0s,MS5.0		MLR	MLR		
SOC	Sochi	59.06 316	eP	P	13 24 29.5	-3.3
SOC			e	P	13 25 19.0	
SOC			e	P	13 26 40.1	
SOC			eS	S	13 32 34.5	-2.3
SOC			eS	S	13 34 14.2	
SOC	comp=Z,74nm,1.1s,mb5.6		pmx	pmx		
SOC	comp=N,47nm,0.6s		pmx	pmx		
SOC	comp=E,35nm,0.6s		pmx	pmx		

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EIL	Eilat	59.37 300	eP	P	13 24 33.9	-1.2
EIL	comp=E,22nm,1.1s,mb5.1		pP	pP	13 24 41.1	-0.3
YAK	Yakutsk	59.76 18	eP	P	13 24 35.8	-1.6
YAK	comp=Z,26nm,0.8s,mb5.3		ePP	pmx	13 24 43.1	-0.6
YAK	comp=Z,26nm,0.8s,mb5.3	59.76 18	eP	P	13 24 35.8	-1.6
YAK	comp=Z,26nm,0.8s,mb5.3		eP	P	13 24 43.1	-0.5
MBAR	Mbarara	63.84 265	eP	P	13 25 06.0	+0.5
MBAR	comp=Z,21nm,1.2s,mb5.0		pmx	pmx		
MBAR	Mbarara	63.84 265	eP	P	13 25 06.0	+0.4
MOS	Moscow	64.92 329	eP	P	13 25 10.5	-1.3
MOS	comp=Z,22nm,1.2s,mb5.0		pmx	pmx		
MOS	Moscow	64.92 329	eP	P	13 25 10.5	-1.3
MOS	comp=Z,103nm,0.7s,mb5.0		pmx	pmx		
OBIN	Obninsk	65.22 328	eP	P	13 25 09.8	-4.0
OBIN	comp=Z,14nm,1.2s,mb4.8		e	P	13 25 41.0	
OBIN	comp=Z,14nm,1.2s,mb4.8		e	P	13 27 36.7	
OBIN	comp=Z,14nm,1.2s,mb4.8		eS	S	13 33 51.6	-2.7
OBIN	comp=Z,14nm,1.2s,mb4.8		eSS	SS	13 33 07.5	-1.4
OBIN	comp=Z,51nm,1.3s,mb5.4		pmx	pmx		
OBIN	comp=Z,600nm,21.0s,MS4.8		MLR	MLR		
MA2	Magadan	66.54 28	eP	P	13 25 22.6	+0.5
MA2	comp=Z,20nm,1.2s,mb5.0		eS	S	13 34 11.7	+1.4
MA2	Magadan	66.54 28	eP	P	13 25 19.1	-3.1
TIXI	Tiksi	67.00 11	iP	P	13 25 23.9	-1.0
TIXI	comp=Z,27nm,1.0s,mb5.2		pmx	pmx		
TIXI	comp=Z,380nm,17.0s,MS4.7		MLR	MLR		
TIRR	Tirgusor	67.14 315	iP	P	13 25 24.7	-1.5
CFR	Caracul	67.47 316	iP	P	13 25 27.0	-1.3
MLR	Muntele Rosu	69.05 316	iP	P	13 25 37.7	-0.4
LSZ	Lusaka	69.40 250	eP	P	13 25 41.1	+0.4
LSZ	comp=Z,14nm,1.2s,mb4.8		pmx	pmx		
LSZ	Lusaka	69.40 250	eP	P	13 25 41.1	+0.4
LSZ	comp=Z,14nm,1.2s,mb4.8		e	P	13 25 43.0	-0.4
BURAR	Bucovina Array	69.92 318	iP	P	13 25 43.0	-0.4
BURAR	Bucovina Array	69.92 318	iP	P	13 25 43.0	-0.4
LVV	L'vov	71.08 320	eP	P	13 25 55.3	+4.9
ZAPS	ZavojPiro	71.09 313	iP	P	13 25 48.5	-2.2
KWP	Kalwaria	71.90 320	eP	P	13 25 54.7	-0.6
KWP	comp=Z,14nm,1.2s,mb4.8		e	P	13 26 00.2	-1.4
KOLS	Kolonick seedl	72.07 319	eP	P	13 25 56.1	-0.3
KOLS	Kolonick seedl	72.07 319	iP	P	13 25 56.3	-0.1
SUW	Suwalki	72.36 324	eP	P	13 25 56.3	-0.1
SUW	comp=Z,106nm,1.0s,mb5.7		eP	P	13 26 02.8	-1.5
SUW	Suwalki	72.36 324	eP	P	13 25 56.8	-1.1
SUW	comp=Z,14nm,1.2s,mb4.8		e	P	13 26 06.6	-1.6
CRVS	Cervencia-Dubn	72.60 319	eP	P	13 25 59.9	+0.4
CRVS	comp=Z,14nm,1.2s,mb4.8		e	P	13 26 05.5	-0.3
KECS	Keccoben	73.19 318	eP	P	13 26 02.4	-0.6
NIE	Niedzica	73.41 319	eP	P	13 26 04.4	+0.2
PSZ	Piszkesteto	73.52 318	eP	P	13 26 04.0	-0.9
PSZ	comp=Z,14nm,1.2s,mb4.8		ePP	pmx	13 26 10.4	-0.8
PSZ	Piszkesteto	73.52 318	eP	P	13 26 04.0	-0.9
PSZ	comp=Z,35nm,1.4s,mb5.1		pmx	pmx		
PSZ	Piszkesteto	73.52 318	eP	P	13 26 04.0	-0.9
PSZ	comp=Z,36nm,1.4s,mb5.1		pmx	pmx		
OJC	Ojcow	73.84 320	eP	P	13 26 10.4	-0.8
YHS	Yhne	74.28 318	eP	P	13 26 06.1	+0.6
YHS	comp=Z,23nm,1.2s,mb5.2		e	P	13 26 02.1	-0.5
YHS	Yhne	74.28 318	eP	P	13 26 14.5	-1.1
YHS	comp=Z,23nm,1.2s,mb5.2		i	P	13 26 11.3	+0.8
LBTB	Lobatse	74.40 241	eP	P	13 26 11.3	+0.8
LBTB	comp=Z,21nm,1.0s,mb5.0		pmx	pmx		
LBTB	Lobatse	74.40 241	eP	P	13 26 11.3	+0.8
LBTB	comp=Z,21nm,1.0s,mb5.0		eP	P	13 26 12.6	0.0
OKC	Okara	74.40 241	eP	P	13 26 18.5	-0.5
MORC	Moravsky Berou	75.24 319	eP	P	13 26 18.5	-0.2
MORC	comp=Z,38nm,1.2s,mb5.2		ePP	pmx	13 26 20.5	-0.7
MORC						

31d 20h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ROSA Rosais, HOJA Cerro de Hojas, JAMA Jama, MAGD Magdalena, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LUBP Lubang, TGY Tagaytay City, SJMP San Jose, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, MNQ Manicouagan, SMQ Clarke City, etc.

MOS 31 20:21:09.9, 1.1, 8.44s:112.48E, h27km, mb4.9/7, Error ellipse: s-maj=14.6km s-min=11.1km az=30.6

NEIC 31 20:21:12.5, 1.2, 8.60s:112.51E, h83km, mb4.6/15, Error ellipse: s-maj=15.5km s-min=8.0km az=48.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SRDI Scrawed, RATI Rata, KEDI Kedomdong, etc.

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Main table with columns: LZH, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GKN Gorkha, KOLD Koldana, BJI Beijing, etc.

IGIL 31 20:29:04.9, 65.90N:10.00W, h2km, MS4.4

CSEM 31 20:29:05.5, 65.90N:9.94W, h10km, mb5.2

MOS 31 20:29:05.5, 1.1, 65.84N:10.09W, h10km, mb5.3/87, MS4.7/27, Error ellipse: s-maj=10.8km s-min=2.7km az=106.3

BER 31 20:29:06.2, 65.94N:10.25W, h24km, mb5.5, mb4.9, Ms5.2, Ms4.9

HRVD 31 20:29:08.4, 0.2, 65.88N:9.41W, h12km, MW5.2/66, Centroid moment Tensor Solution. LP body waves:

Moment tensor: Scale 10^16Nm; Mr:6.84e-12; Mw:5.40e-13; Mb:1.44e-10; Ms:0.92e-36; Mv:3.09e-09; Mz:2.55e-35; Best double couple: Mo:7.476e+1016 NP1:

NP2:phi=127, delta=39, lambda=98. Principal axes: T:7.662, P:7.369, N:2.828; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ZUR_RM 31 20:29:08.65, 90N:9.78W, h15km, Mw5.2/20, Moment Tensor Solution. s20 Moment tensor: Scale 10^16Nm;

NEIC 31 20:29:08.3, 0.1, 65.90N:9.78W, mb5.2/157, MS4.6/7 Error ellipse: s-maj=3.3km s-min=1.7km az=224.0

NAO 31 20:29:09.2, 4.7, 65.95N:18.1W, ML4.4

ISC 20:29:07.0, 0.1, 65.89N:0.01, 10.00W, 0.03, h191km, h19km, 6km; pP-N, n905, s109/966, mb5.2/161, MS4.7/33, 62C-32D, Iceland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IADA Aaalbol, IGRS Grimsstaor, IGIL Gilgahy, etc.

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Table with columns: IHLA Hella, IFAG Fagurhorfsmyrri, ISIG Siglufjorður, ISKR Skrifkelda, etc. Includes station names and associated data.

BAIF	comp-Z,171nm,1.1s	17.49 148 eP	P	20 33 07.2 -3.9
BAIF	comp-Z,86nm,1.1s		Pmax	
DOU	comp-Z,42nm,1.4s	17.54 147 P	P	20 33 12.3 +0.6
GIVF	17.59 147 eP	P		20 33 09.5 -2.8
JOF	17.86 80 eP	P		20 33 14.0 -1.6
FLN	comp-Z,176nm,1.0s	17.88 159 eP	P	20 33 14.0 -2.0
FLN	comp-Z,246nm,1.1s		eR	
ROSF	comp-Z,2um,21.0s	17.95 165 eP	P	20 33 16.8 -0.1
ROSF	comp-Z,401nm,1.6s		Pmax	
ROSF	17.95 165 eP	P		20 33 16.8 -0.1
RUE	comp-Z,201nm,1.6s	17.97 127 eP	P	20 33 16.0 -1.0
RUE	comp-Z,143nm,1.4s		Pmax	
RUE	17.97 127 eP	P		20 33 16.0 -1.0
LDF	comp-Z,143nm,1.4s	18.10 158 eP	P	20 33 15.8 -3.0
LDF	comp-Z,450nm,1.3s		Pmax	
LDF	18.10 158 eP	P		20 33 15.8 -3.0
SGMF	comp-Z,225nm,1.3s	18.11 164 eP	P	20 33 16.7 -2.2
SGMF	comp-Z,102nm,0.9s		Pmax	
SGMF	18.11 164 eP	P		20 33 16.7 -2.2
GRR	comp-Z,51nm,0.9s	18.20 160 eP	P	20 33 17.4 -2.5
GRR	comp-Z,21nm,0.6s		Pmax	
GRR	18.20 160 eP	P		20 33 17.4 -2.5
WLF	comp-Z,10.0nm,0.6s	18.30 145 eP	P	20 33 20.5 -0.7
WLF	comp-Z,99nm,1.3s		Pmax	
WLF	18.30 145 eP	P		20 33 20.5 -0.7
WLF	comp-Z,99nm,1.3s	18.30 145 eP	P	20 33 20.5 -0.7
TNS	comp-Z,79nm,1.0s	18.36 140 eP	P	20 33 20.6 -1.4
TNS	comp-Z,79nm,1.0s		Pmax	
TNS	18.36 140 eP	P		20 33 20.6 -1.4
QUIF	comp-Z,193nm,1.1s	18.38 165 eP	P	20 33 19.7 -2.5
QUIF	comp-Z,193nm,1.1s		Pmax	
QUIF	18.38 165 eP	P		20 33 19.7 -2.5
ABH	comp-Z,67nm,1.1s	18.44 142 eP	P	20 33 22.9 -0.1
ABH	18.44 142 eP	P		20 33 22.9 -0.1
RUP	18.49 143 eP	P		20 33 24.0 +0.5
RUP	18.49 143 eP	P		20 33 23.6 +0.1
GKP	18.50 120 eP	P		20 33 24.6 +1.0
GKP		eS		20 36 52.4 +6.2
GKP		MLR		20 41 33.2
CLL	comp-Z,2um,16.9s	18.72 130 eP	P	20 33 23.6 -2.7
CLL		eS		20 36 55.0 +3.8
CLL		Pmax		
CLL	comp-Z,75nm,1.1s	18.72 130 eP	P	20 33 23.6 -2.7
CLL	comp-Z,75nm,1.1s		i	20 33 26.4
CLL		eS		20 36 55.0 +3.8
CLL	comp-Z,logA/T=1.1	18.72 130 eP	P	20 33 23.6 -2.7
CLL		i+PP		20 33 26.4
CLL		ePPP		20 33 47.0 -4.4
CLL		e		20 34 08.8
CLL		eS		20 36 55.0 +3.8
MOX	18.88 134 eP	P		20 33 27.7 -0.5
MOX		Pmax		
MOX	comp-Z,73nm,1.2s	18.88 134 eP	P	20 33 27.7 -0.5
MOX	comp-Z,73nm,1.2s		eS	20 37 06.0 +1.1
MOX	18.88 134 eP	P		20 33 27.7 -0.5
MOX	comp-Z,logA/T=1.8		S	20 37 06.0 +1.1
MOX		L		20 41 53.0
TOD	19.02 140 eP	P		20 33 29.5 -0.4
TOD	19.02 140 eP	P		20 33 29.7 -0.2
KTD	19.09 142 eP	P		20 33 30.5 -0.3
SWS	19.10 140 eP	P		20 33 30.9 0.0
MEZF	19.14 148 eP	P		20 33 28.3 -3.1
LANF	19.34 143 eP	P		20 33 36.2 +2.5
BRG	19.39 129 eP	P		20 33 33.5 -0.8
BRG		eS		20 37 12.0 +5.5
BRG		Pmax		
BRG	comp-Z,88nm,1.2s	19.39 129 eP	P	20 33 33.5 -0.8
BRG	comp-Z,88nm,1.2s		i	20 33 35.6
BRG		eS		20 33 58.6
BRG		S		20 37 12.0 +5.5
SIND	19.47 139 eP	P		20 33 34.5 -0.6
NKC	19.49 133 eP	P		20 33 34.8 -0.6
NKC		AMS		20 42 30.0
NKC	comp-Z,2um,17.1s	19.49 133 eP	P	20 33 34.7 -0.7
GRA1	19.61 136 eP	P		20 33 36.4 -0.3
GRF	19.61 136 eP	P		20 33 36.4 -0.3
GRF	comp-Z,131nm,1.4s	19.61 136 eP	P	20 33 36.4 -0.3
GRF	comp-Z,131nm,1.4s		Pmax	
GRF	19.61 136 eP	P		20 33 36.4 -0.3
GRF	comp-Z,131nm,1.4s		Pmax	
GRF	19.61 136 eP	P		20 33 36.4 -0.3
THEF	19.74 147 eP	P		20 33 36.0 -0.8
CDF	19.74 144 eP	P		20 33 37.4 -0.8
CDF	comp-Z,114nm,1.2s		Pmax	
WLS	19.75 144 eP	P		20 33 37.9 -0.5
HYF	19.84 154 eP	P		20 33 37.9 -1.5
LBG	19.88 141 eP	P		20 33 39.3 -0.4
STU	19.89 140 eP	P		20 33 39.0 -0.8
STU	comp-Z,217nm,1.3s	19.89 140 eP	P	20 33 39.0 -0.8
STU	comp-Z,217nm,1.3s		Pmax	
ECH	19.89 145 eP	P		20 33 39.3 -0.6
PVCC	19.89 129 eP	P		20 33 38.5 -1.4
PVCC	comp-Z,2um,18.5s		MLR	
PVCC	19.89 129 eP	P		20 33 38.5 -1.4
PVCC		eS		20 37 28.4 +1.1
PVCC		AMS		20 43 10.0
LCHF	19.89 161 eP	P		20 33 39.3 -0.6
HAU	19.90 146 eP	P		20 33 39.5 -0.5
HAU	comp-Z,2um,19.5s		eR	
MFF	20.04 160 eP	P		20 33 38.8 -2.7
MFF	comp-Z,154nm,1.3s		Pmax	
MFF	20.04 160 eP	P		20 33 38.8 -2.7
LIBD	20.06 144 eP	P		20 33 41.4 -0.2
LIBD	20.06 144 eP	P		20 33 41.7 +0.1
BFO	20.07 142 eP	P		20 33 40.8 -1.0
BFO	comp-Z,208nm,1.2s		Pmax	
BFO	20.07 142 eP	P		20 33 40.8 -1.0
SUW	20.13 110 eP	P		20 33 40.5 -1.9
SUW		eS		20 33 43.4
SUW		eS		20 37 25.8 +3.6
SUW		MLR		20 41 31.1
KSP	comp-Z,2um,19.9s,MS4.4	20.19 126 eP	P	20 33 41.2 -1.7
KSP		eP		20 33 44.3

KSP	comp-Z,3um,16.0s,MS4.7	20.19 126 eP	P	20 42 58.3
KSP	20.19 126 eP	P		20 33 41.8 -1.1
HMF	20.20 146 eP	P		20 33 46.7
HMF	comp-Z,226nm,1.4s		Pmax	20 33 42.3 -0.7
HMF	20.20 146 eP	P		20 33 42.3 -0.7
SSF	comp-Z,113nm,1.4s	20.20 152 eP	P	20 33 41.0 -2.1
SSF	comp-Z,97nm,1.1s		Pmax	
SSF	20.20 152 eP	P		20 33 41.0 -2.1
BUCH	comp-Z,97nm,1.1s	20.23 140 eP	P	20 33 43.0 -0.4
MOF	20.23 145 eP	P		20 33 42.4 -1.0
KIZ	20.33 143 eP	P		20 33 43.7 -0.6
HDH	20.33 139 eP	P		20 33 43.7 -0.7
PRU	20.35 130 eP	P		20 33 43.9 -0.8
PRU	comp-Z,3um,11.5s,MS4.8		MLR	
PRU	20.35 130 eP	P		20 33 43.9 -0.8
PRU		eS		20 37 45.0 +1.4
PRU		AMS		20 44 50.0
PRU	comp-Z,3um,11.5s	20.35 130 P	P	20 33 43.7 -1.0
UPC	20.38 126 eP	P		20 33 43.7 -1.3
SPAK	20.40 142 eP	P		20 33 44.9 -0.3
SPAK	20.40 142 eP	P		20 33 45.1 -0.1
FLD	20.41 143 eP	P		20 33 45.0 -0.3
FLD	20.41 143 eP	P		20 33 45.2 -0.1
AVF	20.44 153 eP	P		20 33 43.6 -2.0
AVF	comp-Z,247nm,1.1s		Pmax	
AVF	20.44 153 eP	P		20 33 43.6 -2.0
GUT	comp-Z,123nm,1.1s	20.51 141 eP	P	20 33 45.8 -0.6
BGF	20.57 154 eP	P		20 33 45.0 -1.9
BGF	comp-Z,195nm,0.9s		Pmax	
BGF	20.57 154 eP	P		20 33 45.0 -1.9
WET	comp-Z,97nm,0.9s	20.59 133 eP	P	20 33 46.2 -0.9
WET	comp-Z,74nm,1.4s		Pmax	
WET	20.59 133 eP	P		20 33 46.2 -0.9
DPC	comp-Z,74nm,1.4s	20.62 126 eP	P	20 33 46.9 -0.5
DPC	comp-Z,2um,17.8s,MS4.5		MLR	
DPC	20.62 126 eP	P		20 33 46.9 -0.5
DPC	comp-Z,2um,17.8s,MS4.5		eS	20 37 47.9 +1.6
DPC		AMS		20 46 10.0
DPC	comp-Z,2um,17.8s	20.62 126 P	P	20 33 46.6 -0.8
LDF	20.63 146 eP	P		20 33 47.3 -0.2
LDF	20.63 146 eP	P		20 33 47.2 -0.4
SLE	20.64 143 eP	P		20 33 46.6 -1.4
SLE	comp-Z,277nm,1.3s		Pmax	
SMF	20.67 152 eP	P		20 33 46.6 -1.4
SMF	comp-Z,138nm,1.3s		Pmax	
BBS	20.68 145 eP	P		20 33 47.8 -0.3
BBS	20.68 145 eP	P		20 33 48.2 +0.1
BBS	20.68 145 eP	P		20 33 47.9 -0.2
WAR	20.70 116 eP	P		20 33 48.2 -0.1
WAR		eS		20 33 50.8
WAR		eS		20 37 37.0 +3.3
WAR		MLR		20 42 58.0
TCF	comp-Z,2um,16.7s,MS4.6	20.72 155 eP	P	20 33 46.5 -2.0
TCF	comp-Z,169nm,1.2s		Pmax	
TCF	20.72 155 eP	P		20 33 46.5 -2.0
SULZ	comp-Z,84nm,1.2s	20.77 144 eP	P	20 33 48.5 -0.5
MATF	20.78 161 eP	P		20 33 49.7 +0.6
TRULL	20.79 142 eP	P		20 33 48.5 -0.8
KHC	20.81 132 eP	P		20 33 49.4 -0.0
KHC		e		20 34 15.5
KHC	comp-Z,4um,10.6s,MS5.0	20.81 132 eP	P	20 33 49.4 -0.0
KHC		eS		20 34 15.5
KHC		X		20 37 50.5 +1.5
KHC		AMS		20 48 20.0
KHC	comp-Z,4um,10.6s	20.81 132 eP	P	20 33 48.5 -0.9
STEIN	20.82 142 eP	P		20 33 49.3 -0.2
BALST	20.84 144 eP	P		20 33 49.6 -0.2
GRANT	20.94 147 eP	P		20 33 51.0 -0.2
WEIN	20.98 142 eP	P		20 33 51.0 -0.2
FUR	21.00 137 eP	P		20 33 50.9 -0.5
FUR	comp-Z,261nm,1.2s,ms5.4		Pmax	
FUR	21.00 137 eP	P		20 33 50.9 -0.5
ZUR	comp-Z,261nm,1.2s,ms5.4	21.00 137 eP	P	20 33 51.4 -0.3
WILA	21.07 142 eP	P		20 33 51.8 -0.3
GECC	21.10 132 eP	P		20 33 51.0 -1.4
GECC	comp-Z,140nm,1.2s,ms5.2		Pmax	
GECC	21.10 132 eP	P		20 33 51.0 -1.4
AGO	comp-Z,140nm,1.2s,ms5.2	21.11 154 eP	P	20 33 51.2 -1.3
UBR	21.13 140 eP	P		20 33 52.8 +0.1
CABF	21.16 148 eP	P		20 33 52.5 -0.5
CABF	comp-Z,347nm,1.3s,ms5.2		Pmax	
CABF	21.16 148 eP	P		20 33 52.5 -0.5
TORNY	comp-Z,174nm,1.3s,ms5.2	21.20 146 eP	P	20 33 53.3 -0.1
GIMEL	21.27 148 eP	P		20 33 53.8 -0.3
PLDF	21.28 153 eP	P		20 33 53.1 -1.1
VERF	21.29 155 eP	P		20 33 58.0 +3.7
LIENZ	21.33 141 eP	P		20 33 54.9 +0.2
PYM	21.38 154 eP	P		20 33 54.5 -0.7
MUO	21.42 143 eP	P		20 33 55.6 -0.0
DAVA	21.43 141 eP	P		20 33 56.2 +0.4
BNALP	comp-Z,893nm,2.7s,ms5.6	21.45 144 eP	P	20 33 56.0 0.0
WIMIS	21.46 145 eP	P		20 33 56.0 0.0
HASLI	21.50 144 eP	P		20 33 56.3 -0.1
MORC	21.52 125 eP	P		20 33 55.2 -1.4
MORC	comp-Z,95nm,1.3s,ms5.1		Pmax	
MORC	21.52 125 eP	P		20 33 55.2 -1.4
MORC	comp-Z,95nm,1.3s,ms5.1		Pmax	
MORC	21.52 125 eP	P		20 33 55.2 -1.4
PLONS	comp-Z,2um,18.5s,MS4.4	21.53 142 eP	P	20 33 56.4 -0.3
OG01	21.56 147 eP	P		20 33 53.7 -3.3
OG01	21.56 147 eP	P		20 33 54.4 -2.6
RJF	21.56 157 eP	P		20 33 56.0 -1.0
RJF	comp-Z,325nm,1.1s,ms5.4		eR	
RJF	21.56 157 eP	P		20 33 56.0 -1.0
RJF	comp-Z,2um,19.2s		Pmax	
RJF	21.56 157 eP	P		20 33 56.0 -1.0
RJF	comp-Z,162nm,1.1s,ms5.4		MLR	
MNK	21.60 104 eP	P		20 33 52.0 -5.3
VRAC	21.61 127 eP	P		20 33 57.1 -0.4
AGLE	21.61 147 eP	P		20 33 57.1 -0.4
LLS	21.62 143 eP	P		20 33 57.0 -1.0
FRNF	21.65 155 eP	P		20 33 58.2 +0.1
SENIN	21.67 146 eP	P		20 3

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like PERS, LABF, SMRF, MTLF, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like ESAC, SEI, SEI, EMIR, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like BARS, SCHO, SCHO, BUCI, etc.

31d 22h

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ, Phase ID, Time, Res, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like LTX Lajitas, TUC Tucson, MDJ Mudanjiang, etc.

2005 JAN

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, BWNR Bhuaneshwar, CAL Calcutta, etc.

1284

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, Code, Station Name, Δ°, AZ, Phase ID, Time, Res. Includes stations like PTCC Patocco-Chiusa, GORS Gorjuse, GMNA Gemona, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PAU				i S	22 23 27.0	+2.6
PET	Petropavlovsk	5.32	30	ePN	22 23 12.2	+0.4
PET				eS	22 24 12.8	+0.3
PET				pmax		
PET	comp=Z,111nm,1.9s			smax		
PET	comp=N,94nm,0.4s			smax		
PET	comp=E,134nm,0.5s			smax		
PET	Petropavlovsk	5.32	30	eP	22 23 12.2	+0.4
PET				AMB	22 23 15.7	
PET	comp=E,110nm,1.9s			eS	22 24 12.8	+0.3
PET				A	22 24 22.9	
PET	comp=E,90nm,0.5s			A	22 24 22.9	
PET	comp=E,130nm,0.5s			A	22 24 22.9	
KUR	Kuril'sk	5.47	236	ePN	22 23 13.0	-0.8
KUR				eS	22 24 16.5	+0.4
KUR				pmax		
KUR	comp=Z,140μm,0.9s			eP	22 23 13.0	-0.8
KUR				AMB	22 23 15.0	
KUR	comp=Z,140nm,0.9s			eS	22 24 16.5	+0.4
KUR				A	22 24 20.0	
KUR	comp=Z,250nm,1.1s			A	22 24 20.0	
KUR	comp=Z,370nm,1.1s			A	22 24 20.0	
YSS	Yuzh-Sakhalins	7.92	263	eP	22 23 49.9	+2.0
YSS				eP	22 23 50.5	+2.6
YSS				eS	22 25 16.0	-0.8
NKL	Nikolayevsk	9.79	304	erx	22 24 12.0	
FX1	Attu Island-F	12.75	63	eP	22 24 48.2	-4.8
IMA	Indian Mountai	12.94	37	eP	22 28 14.1	+0.1
KURK	Kurchatov	47.08	303	eP	22 30 19.9	+0.4
KURK				pmax		
KURK	comp=Z,2.0nm,0.6s,mb4.0			eP	22 30 19.9	+0.4
KURK	Kurchatov	47.08	303	eP	22 30 19.9	+0.4
CHKZ	Chkalovo	49.93	309	eP	22 30 40.7	-0.8
CHKZ				pmax		
CHKZ	comp=Z,3.0nm,0.7s,mb4.3			eP	22 30 40.7	-0.8
CHKZ	Chkalovo	49.93	309	eP	22 30 40.7	-0.8
AAK	Ala-Archa	53.78	296	eP	22 31 10.9	+0.3
FFC	Flin Flon	58.91	41	eP	22 31 46.9	0.0
FFC				pmax		
FFC	comp=Z,2.0nm,0.7s,mb4.3			eP	22 31 46.9	0.0
FFC	Flin Flon	58.91	41	eP	22 31 46.9	0.0
FCC	Fort Churchill	59.38	34	eP	22 31 49.7	-0.4
FCC				pmax		
FCC	comp=Z,3.0nm,1.0s,mb4.3			eP	22 31 49.7	-0.4
FCC	Fort Churchill	59.38	34	eP	22 31 49.7	-0.4
HLID	Hailey	59.89	57	eP	22 31 53.8	-0.1
BW06	Boulder Array	63.09	55	eP	22 32 15.6	+0.1
BW06				pmax		
BW06	comp=Z,1.0nm,0.7s,mb3.9			eP	22 32 15.6	+0.1

BJI 31 22:30:41.3, 6.07N, 92.74E, h59km, mb4.3
 NEIC 31 22:30:42.8, 1.2, 6.61N, 92.73E, h30km, mb4.2/2, Error
 ellipse: s-maj=30.0km s-min=19.2km az=64.0
 ISC 31 22:30:41.7, 1.4, 6.71N, 92.93E, 0.2, h30km, n8, e0597/8,
 mb4.2/3, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CM31	Chiang Mai Arr	13.04	26	P	22 33 49.0	+1.2
HYB	Hyderabad	17.68	308	eP	22 34 49.0	+1.4
HYB	Hyderabad	17.68	308	iP	22 34 49.0	+1.4
XAN	Xi'an	30.94	26	P	22 38 58.0	-0.5
XAN				AMB		
XAN	comp=Z,3.0nm,0.8s,mb4.2			AMB		
AAK	Ala-Archa	39.35	338	eP	22 38 10.2	0.0
KURK	Kurchatov	45.48	347	P	22 38 59.0	-1.2
WRAB	Tennant Creek	48.53	124	P	22 39 24.9	+0.4
CHKZ	Chkalovo	50.24	343	eP	22 39 35.8	-1.3
CHKZ				pmax		
CHKZ	comp=Z,3.3nm,0.9s,mb4.4			eP	22 39 35.8	-1.3

BJI 31 22:34:36.7, 7.46N, 93.86E, h48km, mb4.6, mb4.5, Ms4.4,
 Msz3.9

NEIC 31 22:34:37.2, 0.6, 7.73N, 94.00E, h30km, mb4.7/10, Error
 ellipse: s-maj=17.1km s-min=12.6km az=116.0
 ISC 31 22:34:35.6, 0.7, 7.73N, 94.09E, 0.1, h30km, n36,
 e1518/34, mb4.8/15, MS3.7/1, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CM31	Chiang Mai Arr	11.65	23	P	22 37 21.5	-1.4
VIS	Vishakhapatnam	14.46	314	eP	22 38 00.6	+0.1
VIS				e	22 38 04.4	
BWNR	Bhubaneswar	14.86	328	eP	22 38 01.3	-4.3
BWNR				e	22 38 12.9	
KMI	Kunming	19.15	24	P	22 39 04.1	+4.6
JIRN	Jiri	19.15	340	eP	22 39 21.3	+0.2
PKI	Pulchoki	21.39	338	eP	22 39 22.9	-0.2
DMN	Daman	21.53	338	eP	22 39 22.0	-2.5
KKN	Kakani	21.63	338	eP	22 39 26.1	+0.6
KAD	Karad	21.64	298	eP	22 39 26.1	+0.4
LSA	Lhasa	22.03	353	eP	22 39 29.3	-0.2
GKN	Gorkha	22.07	337	eP	22 39 29.7	-0.2
BHPL	Bhopal	22.24	316	eP	22 39 33.0	+1.3
BHPL				e	22 39 38.3	
KOLN	Koldanda	22.28	335	eP	22 39 31.9	-0.1
KOLN				pmax		
NDI	New Delhi	26.24	325	e	22 40 17.0	+6.9
DDI	Dehra Dun	27.05	328	e	22 40 24.7	+7.2
BJI	Beijing	37.74	28	eP	22 41 54.7	+4.1
BJI				S	22 47 23.2	-1.6
BJI				LR		
BJI	comp=Z,130nm,19.7s,MS3.7			S	22 47 23.2	-1.6
AAK	Ala-Archa	38.82	337	eP	22 41 58.6	-1.1
AAK				e	22 42 01.7	-1.4
KURK	Kurchatov	44.74	346	eP	22 42 46.7	-1.4
KURK				e	22 43 15.8	+0.1
WRAB	Tennant Creek	48.20	125	eP	22 43 25.2	-0.9
CHKZ	Chkalovo	49.60	342	eP	22 43 25.2	-0.9
CHKZ				e	22 44 22.2	-2.0
KMBO	Kilima Mbogo	57.39	264	P	22 44 22.2	-2.0
LSZ	Lusaka	69.20	250	P	22 45 40.5	-1.7
LBTB	Lobatse	74.16	241	eP	22 46 10.7	-1.0
OKC	Ostrava-Krasne	75.08	319	eP	22 46 18.1	+1.6
MORC	Moravsky Berou	75.47	319	eP	22 46 19.0	+0.3
DPC	Dobruska-Polom	76.30	320	eP	22 46 25.4	+2.0
UPC	Ujice	76.51	320	eP	22 46 35.5	+1.4
PRU	Pruhonice	77.42	319	eP	22 46 36.9	-2.2
BRG	Berggiesshubel	77.85	320	iP	22 46 38.8	+6.8
BRG				e	22 46 39.9	+2.0
KHC	Kasperske Hory	78.01	319	eP	22 46 35.0	-0.3
CLL	Collm	78.46	321	e	22 46 44.0	-0.8
CLL				pP	22 46 35.0	-0.3
CLL	Collm	78.46	321	P	22 46 44.0	-0.8
CLL				ePP	22 46 43.9	-2.7
NKC	Novy Kostel	78.78	320	eP	22 46 43.5	+0.9
NB2	NORSAR Subarra	79.84	331	P	22 46 43.5	+0.9
NB2				e	22 46 59.1	+1.1
LPG	La Plagne	82.70	315	eP	22 46 59.1	+1.1
LPG				e	22 47 43.0	+1.7
IMA	Indian Mountai	91.76	22	eP	22 47 43.0	+1.7

JMA 31 23:38:00.4, 0.7, 33.86N, 142.06E, h17km, M3.6, Off east
 coast of Honshu

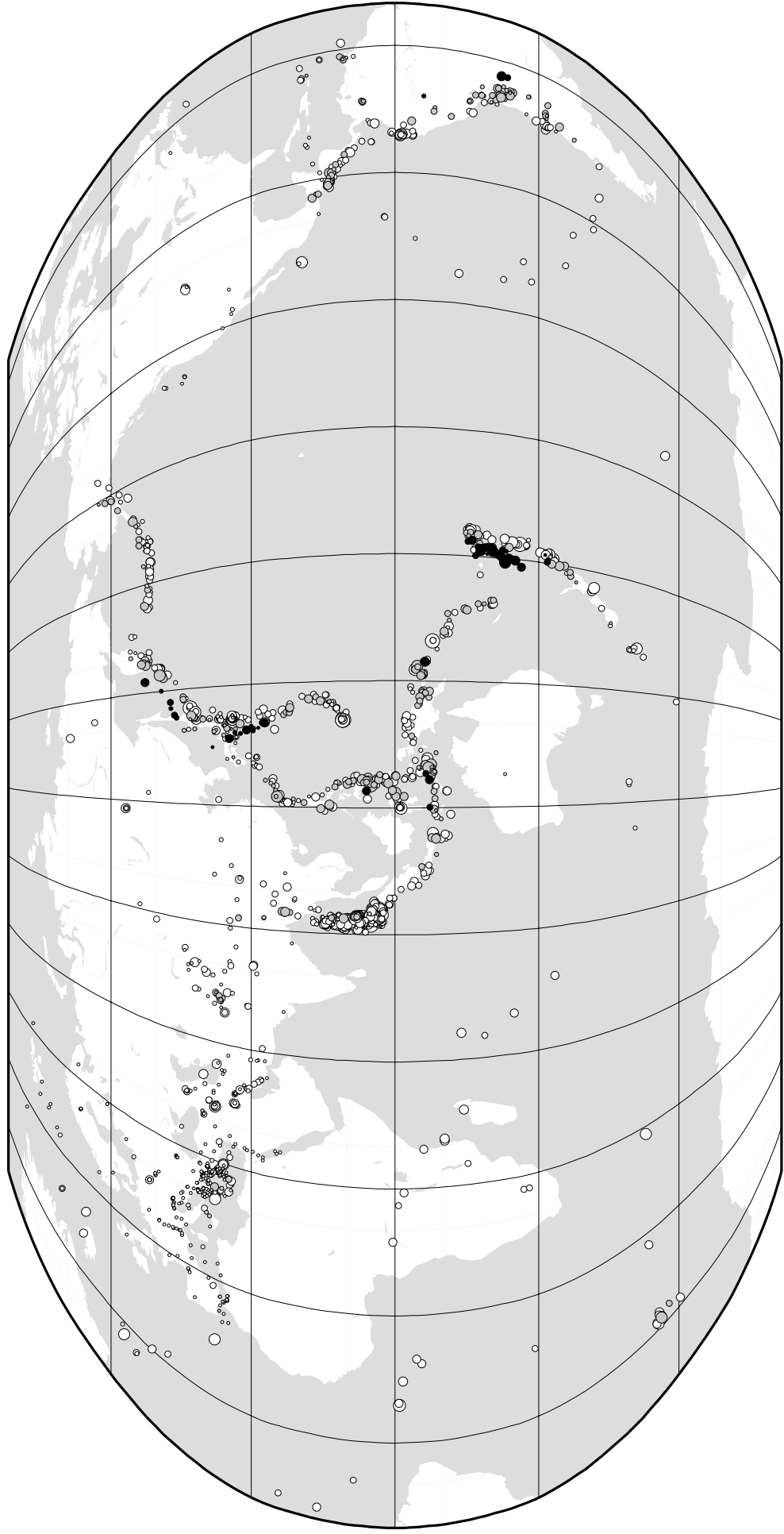
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BSO1	Boso 1	1.20	312	P	23 38 22.2	0.0
BSO1				eS	23 38 37.6	+0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BSO2	Boso 2	1.40	310	eS	23 38 45.3	+2.2
BSO3	Boso 3	1.59	307	P	23 38 28.0	-0.1
BSO4	Boso 4	1.82	309	P	23 38 32.0	+0.7
JHJ2	Mitsune	2.02	249	P	23 38 35.2	+1.0
JOJ2	Odawara 2	2.82	301	P	23 38 44.9	-0.8
JYJ1	Shimob	3.33	300	P	23 38 53.5	+0.7
JYJ1				eS	23 39 31.5	-0.9
JAG	Ashikaga	3.33	321	P	23 38 52.4	-0.6
JRY	Ryogami san	3.37	311	P	23 38 52.8	-0.7
JMM	Marumori	4.13	346	P	23 39 02.6	-1.6
MAT	Matsushiro	4.14	311	P	23 39 04.5	+0.1
MAT				S	23 39 49.7	-3.2
MAT	Matsushiro	4.14	311	P	23 39 05.4	+1.0

BJI 31 23:51:15.6, 9.02N, 93.14E, h44km, mB5.1, mb4.6
 NEIC 31 23:51:19.2, 1.1, 9.35N, 93.01E, h30km, mb4.6/4, Error
 ellipse: s-maj=24.3km s-min=17.5km az=168.0
 ISC 31 23:51:17.9, 1.0, 9.4N, 93.01E, 0.1, h30km, n19,
 e0597/20, mb4.5/4, Nicobar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CM31	Chiang Mai Arr	10.70	32	eP	23 53 52.5	0.0
PALK	Pallekele	12.28	261	P	23 54 13.4	-0.5
PALK				e	23 55 05.0	
HYB	Hyderabad	16.07	301	eP	23 55 07.0	+3.4
HYB				e	23 55 22.0	
HYB				eS	23 57 47.0	-1.3
JIRN	Jiri	19.21	340	eP	23 55 41.8	-0.6
PKI	Pulchoki	19.39	342	eP	23 55 44.5	+0.1
DMN	Daman	19.53	339	eP	23 55 45.7	-0.3
KKN	Kakani	19.63	339	eP	23 55 45.7	-1.5
GKN	Gorkha	20.05	338	eP	23 55 50.8	-0.9
KOLN	Koldanda	20.23	356	P	23 55 57.0	+3.5
KOLN				eP	23 55 52.9	-0.8
TKM2	Tokmak 2	36.64	338	P	23 58 24.5	+0.8
TKM2				SNR=5.6		
KBK	Karagaybulak	36.65	338	P	23 58 25.1	+1.3
KBK				SNR=5.7		
AML	Almayashu	36.70	336	P	23 58 25.4	+1.3
AML				SNR=6.2		
AAK	Ala-Archa	36.81	337	eP	23 58 24.9	-0.2
AAK				SNR=6.8		
EKS2	Erkin-Say	37.11	336	P	23 58 28.9	+1.3
USP	Ospenovka	37.35	338	P	23 58 30.1	+0.5
KURK	Kurchatov	42				

ISC Computed Locations for January 2005



Robinson Projection, centred on 0°N,130°E

3214 Events

Depth (km)	0-70	70-300	>300
M=8	○	●	●
M=6.5	○	●	●
M=4	○	○	●