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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, n15/2/1, 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.

Table with columns: EQES, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Error Rate, Elevation Error Rate. Includes stations like Quesada, Alcoutim, Badajoz, etc.

Table with columns: ECRI, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Error Rate, Elevation Error Rate. Includes stations like Cripan, Poblet, Lanestosa, etc.

Table with columns: ESAC, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Error Rate, Elevation Error Rate. Includes stations like Montolio, Miralva, etc.

NEIC 01 02:38:15.3±2.5, 6.17S:146.80E, h88km±22km, mb4.2/2, Error ellipse: s-maj=21.5km s-min=19.9km az=95.0

ISC 02:38:12.7±2.0, 6.21S:0.10, 146.9E±0.1, h80km±19km, n18, -0.876/21, mb3.9/7, 1D, Eastern New Guinea region

STR 01 03:16:28.8±0.2, 43.04N:0.05W, h10km±1km, Ml2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

HEL 01 03:32:51.4±0.3, 67.70N:33.77E, Ml2.5, Ml2.3(NAO), Explosion

NAO 01 03:32:55.7±1.4, 67.57N:32.61E, Ml2.3, ISC 01 03:32:53.8±0.5, 67.51N:0.02, 32.56E±0.09, n23, s143/52, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Error Rate, Elevation Error Rate. Includes stations like Apatity Array, Maaselka, Kevo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAG, MSLB, SMG, MANT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNZO, TUWZ, NMZ, etc.

LDG 01 04:24:20.0, 0.1, 43.15N, 1.01W, h25km, Md1.9/2, MI1.9/6, Error ellipse: s-maj=2.0km s-min=1.9km az=16.0

MDD 01 04:24:21.1, 0.3, 43.18N, 0.99W, h19km, 3km, mblG.1/12, Error ellipse: s-maj=3.5km s-min=1.2km az=16.0, PRXIMO

STR 01 04:24:22.4, 0.2, 43.13N, 0.91W, h5km, 1km, MI2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 01 04:24:21.3, 0.6, 43.14N, 0.05, 0.99W, 0.04, h16km, 5km, n33, c0914/3, Pyrenees

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

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

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

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

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

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

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

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

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

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

NEIC 01 04:18:48.7, 36.81S, 177.12E, h267km, After WEL, WEL 01 04:18:48.3, 0.3, 36.81S, 177.12E, h272km, MCL3.9/4, Error ellipse: s-maj=5.7km s-min=5.0km az=90.0, Off east coast of North Island

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

LDG 01 04:24:46.3, 1.5, 7.79N, 82.91W, mb3.7/10, mb1 4.0/13, mb1 mx3.9/21, ML4.6/1, MS3.0/4, Ms1 3.0/4, ms1mx2.8/24, Error ellipse: s-maj=47.6km s-min=20.7km az=27.0

NEIC 01 04:24:48.6, 4.8, 7.89N, 82.94W, h13km, 31km, mb4.1/1, Error ellipse: s-maj=21.0km s-min=10.8km az=11.2, CASO 01 04:24:50.7, 2.2, 8.09N, 82.88W, h10km, 9km, MD4.4, MW4.4, mb4.1(NEIC)

ISC 01 04:24:48.0, 1.3, 7.93N, 0.05, 82.88W, 0.04, h14km, gkm, n46, c1900/56, mb3.6/11, MS3.0/2, 7C-9D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTP1, PTP1, PTP1, etc.

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

ISC 01 04:38:56.7, 3.9, 20.74S, 175.65W, mb3.8/3, mb1 4.3/3, mb1mx3.9/13, MS3.7/6, Ms1 3.6/6, ms1mx3.4/21, Error ellipse: s-maj=275.0km s-min=34.7km az=159.0, Tonga Islands

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

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

JMA 01 04:40:43.7, 0.5, 32.48N, 142.08E, h50km, M3.3, IDC 01 04:40:49.7, 5.6, 32.33N, 141.64E, h40km, 36km, mb3.6/5, mb1 3.8/6, mb1mx3.4/22, ML4.2/1, MS2.5/1, Ms1 2.5/1, ms1mx2.1/24, Error ellipse: s-maj=85.9km s-min=17.4km az=65.0

ISC 01 04:40:44.1, 2.7, 32.52N, 0.06, 142.0E, 0.1, h25km, 22km, n15, c1904/18, mb3.9/5, Southeast of Honshu

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

1d 12h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RAR, MAW, VNA3, STKA, etc.

2004 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, NAXT, BMN, SJJG, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, HIA, MA2, BINY, etc.

IDC 01 12:37:01.7:1.4, 38.52N:143.12E, mb3.5/4, mb1 3.6/5, mb1mx3.4/21, ML3.3/1, Error ellipse: s-maj=36.1km s-min=24.3km az=92.0
JMA 01 12:37:03.6:0.2, 38.61N:143.20E, h22km, M4.0
NEIC 01 12:37:06.1:4.7, 38.63N:143.21E, h30km, 34km, Error ellipse: s-maj=26.4km s-min=12.7km az=119.0
ISC 01 12:37:04.3:1.4, 38.63N:0.06:143.3E:0.1, h33km, 12km, n22, 0:571/29, 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 MIYV Miyako 2, JIO Ouri, JMK Ichinosue, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TATO Taipei, JMJ Miyako jima 2, JMG Gusukube, etc.

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

NEIC 01 13:29:34.9, 0.15, 0.04N:147.31E, h40km, Error ellipse: s-maj=17.6km s-min=12.1km az=103.0

ISC 01 13:29:33.0-0.7, 15.04N:0.09:147.3E, 0.1, h40km, m20, 0.079/17, mb3.9/12, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO Guam, JOU Kunigami, etc.

NEIC 01 13:34:19.6, 0.6, 16.62S:69.71W, h174km, 6km, Error ellipse: s-maj=12.9km s-min=9.1km az=49.0

ISC 01 13:34:19.6, 0.1, 16.73S:69.65W, h178km, 9km, mb3.6/10, mb1.3/8.11, mb1mx3.8/17, Error ellipse: s-maj=19.0km s-min=12.0km az=97.0

ISC 01 13:34:18.8-0.5, 16.57S:0.08:69.69W, 0.06, h185km, 4km, n30, 0.19/31, mb4.1/11, 3C-2D, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, ARE Arequipa, etc.

NEIC 01 13:03:43.9, 4.6, 31.59S:179.26E, h489km, 52km, mb3.3/4, mb1.3/5.5, mb1mx3.2/15, Error ellipse: s-maj=61.7km

NEIC 01 13:03:45.3, 1.9, 31.65S:179.24E, h506km, 22km, mb4.1/1, Error ellipse: s-maj=36.3km s-min=17.7km az=195.0

ISC 01 13:03:45.4, 1.9, 31.85S:0.2:179.2E, 0.6, h526km, 50km, n21, 0.05/19, mb3.9/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PUZ Puketiti, etc.

NEIC 01 13:38:00, 20.70N:122.40E, h50km, Mw4.0, Best double couple: M1.29x10^15 N1.31x10^13, 862z, 1.20z. N2.2z, 143z, 840z, 147z.

ISC 01 13:38:12.2, 1.3, 20.15N:122.62E, mb3.8/4, mb4.1/4.0, mb1mx3.2/20, ML4.0/1, Error ellipse: s-maj=49.9km s-min=23.5km az=77.0

NEIC 01 13:38:14.2, 0.8, 20.16N:122.54E, h15km, Error ellipse: s-maj=16.4km s-min=14.8km az=110.0

JMA 01 13:38:16.7, 3.2, 20.87N:122.58E, ISC 01 13:38:14.6, 0.6, 20.37N:122.41E, 0.09, h48km, 12km, n21, 0.15/32, mb3.6/4, ID, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBB Basco, SGCP Mt. Cagua, ABRN Dolores, etc.

WEL 01 12:39:27.7, 0.3, 37.16S:177.45E, h135km, 2km, ML3.5/4, 4D, Error ellipse: s-maj=1.7km s-min=1.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PUZ Puketiti, etc.

ISC 01 12:42:26.1, 1.2, 20.15N:122.44E, mb3.7/4, mb1.4/0.8, mb1mx3.8/18, ML4.1/1, Error ellipse: s-maj=42.1km s-min=26.6km az=65.0

NEIC 01 12:42:28.6, 4.6, 20.13N:122.48E, h17km, 29km, Error ellipse: s-maj=14.7km s-min=12.5km az=146.0

JMA 01 12:42:31.8, 0.4, 20.65N:122.59E, ISC 01 12:42:33.1, 5.2, 20.40N:0.07:122.8E, 0.1, h72km, 14km, n25, 0.067/32, mb3.6/7, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HATJ Hateruma jima, HATJ Hateruma jima, JKRS Kuro-shima, etc.

ISC 01 12:43:04.8, 1.0, 20.07N:122.50E, mb3.9/5, mb1.4/1.6, mb1mx3.7/19, ML4.4/1, Error ellipse: s-maj=44.9km s-min=20.9km az=60.0

NEIC 01 12:43:07.4, 0.6, 20.08N:122.55E, h15km, Error ellipse: s-maj=20.4km s-min=10.7km az=87.0

JMA 01 12:43:08.0, 6.2, 20.73N:122.50E, M4.5, ISC 01 12:43:10.5, 1.4, 20.36N:0.07:122.7E, 0.1, h62km, 16km, n24, 0.1526/37, mb3.7/5, ID, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HATJ Hateruma jima, HATJ Hateruma jima, JKRS Kuro-shima, etc.

ISC 01 12:52:33.9, 1.1, 63.10S:166.85W, mb3.9/4, mb1.4/2.5, mb1mx4.0/10, ML4.3/1, MS4.0/4, Ms1.4.0/4, ms1mx3.7/19, Error ellipse: s-maj=52.0km s-min=29.9km az=21.0

NEIC 01 12:52:35.4, 0.9, 63.25S:166.92W, h10km, mb4.0/2, Error ellipse: s-maj=25.5km s-min=19.3km az=112.0

ISC 01 12:52:34.3, 1.1, 63.25S:0.1:167.0W, 0.3, h10km, n16, 0.15/11, mb3.8/5, MS4.0/3, 4C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBA Scott Base, SBA Scott Base, VNSA Vanda, etc.

JMA 01 13:01:45.7, 0.3, 24.99N:121.73E, h145km, M2.8, TAP 01 13:01:45.6, 25.07N:121.66E, h143km, ML3.5, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, YOH Yonaguni jima, etc.

ISC 01 13:03:43.9, 4.6, 31.59S:179.26E, h489km, 52km, mb3.3/4, mb1.3/5.5, mb1mx3.2/15, Error ellipse: s-maj=61.7km

NEIC 01 13:03:45.3, 1.9, 31.65S:179.24E, h506km, 22km, mb4.1/1, Error ellipse: s-maj=36.3km s-min=17.7km az=195.0

ISC 01 13:03:45.4, 1.9, 31.85S:0.2:179.2E, 0.6, h526km, 50km, n21, 0.05/19, mb3.9/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PUZ Puketiti, etc.

ISC 01 13:09:21.2, 1.0, 11.20N:143.18E, mb3.9/6, mb1.4/2.6, mb1mx3.8/18, Error ellipse: s-maj=52.5km s-min=26.9km az=95.0

NEIC 01 13:09:22.8, 0.6, 11.21N:143.25E, h10km, Error ellipse: s-maj=31.3km s-min=13.2km az=113.0

ISC 01 13:09:21.2, 0.8, 11.2N:0.2:143.2E, 0.3, h10km, n9, 0.066/8, mb3.9/6, South of Mariana Islands

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

NEIC 01 13:38:00, 20.70N:122.40E, h50km, Mw4.0, Best double couple: M1.29x10^15 N1.31x10^13, 862z, 1.20z. N2.2z, 143z, 840z, 147z.

ISC 01 13:38:12.2, 1.3, 20.15N:122.62E, mb3.8/4, mb4.1/4.0, mb1mx3.2/20, ML4.0/1, Error ellipse: s-maj=49.9km s-min=23.5km az=77.0

NEIC 01 13:38:14.2, 0.8, 20.16N:122.54E, h15km, Error ellipse: s-maj=16.4km s-min=14.8km az=110.0

JMA 01 13:38:16.7, 3.2, 20.87N:122.58E, ISC 01 13:38:14.6, 0.6, 20.37N:122.41E, 0.09, h48km, 12km, n21, 0.15/32, mb3.6/4, ID, Philippine Islands region

1d 14h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Baler, Tarama, Gusukube, Kuniyama, Tokunoshima, etc.

JMA 01 13:38:22.9,0.6,20.72N x 122.44E, M4.4, Philippine Islands region

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

IDC 01 13:43:58.7,1.2,6.54N-33.81W, mb3.9/5, mb1.4/1.5, mb1mx3.6/22, MS3.7/5, Ms1.3, 7.75, ms1mx3.3/29, Error ellipse: s-maj=37.1km s-min=29.4km az=146.0

NEIC 01 13:43:59.7,0.9,6.62N-33.72W, h10km, Error ellipse: s-maj=31.4km s-min=15.6km az=146.0

ISC 01 13:43:56.6,0.9,6.3N,0.1,33.3W,0.2,h10km,n12,-0.06/9, mb3.7/5, MS3.6/5, Central Mid-Atlantic Ridge

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

JMA 01 13:49:33.7,0.4,20.68N x 122.57E, M3.9, Philippine Islands region

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

JMA 01 13:56:26.6,0.4,20.70N x 122.60E, M4.0, Philippine Islands region

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

NEIC 01 14:09:04.7,0.4,52.35N-173.32W, h98km,5km, Error ellipse: s-maj=18.3km s-min=5.2km az=165.0

IDC 01 14:09:06.1,3.9,52.43N-173.38W, h11km,45km, mb3.4/8, mb1.3/6/10, mb1mx3.4/25, Error ellipse: s-maj=37.3km s-min=23.7km az=15.0

ISC 01 14:09:03.9,0.4,52.4N,0.1,173.34W,0.0,h103km,6km,n30,-0.075/40, mb3.6/8, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Atka Island, Igitkin Island, Great Sitkin T, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kanaga Island, Nikolski, Unalaksla Valle, etc.

MAN 01 14:11:44.7,20.06N,122.37E, h1km, mb5.0, ML3.9, MS4.0

JMA 01 14:11:48.0,0.3,20.72N-122.49E, M4.4

NEIC 01 14:11:50.1,2.3,20.25N,122.79E, h69km,26km, mb4.1/1, Error ellipse: s-maj=21.4km s-min=12.0km az=63.0

IDC 01 14:11:50.2,4.6,20.23N,122.81E, h75km,50km, mb3.5/6, mb1.3/7/7, mb1mx3.4/20, ML4.3/1, MS3.1/1, Ms1.3/1/1, ms1mx2.4/22, Error ellipse: s-maj=35.8km s-min=17.5km az=65.0

ISC 01 14:11:42.1,0.3,20.28N,0.03,122.56E,0.04,h10km,n37, c1847/54, mb3.6/6, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Basco, Mt. Cagua, Conner, Cauayan, etc.

MAN 01 14:27:05.6,20.37N-122.33E, h32km, mb4.9, ML3.8, MS4.0

MAN F Intensity II - Basco Batanes. NEIC 01 14:27:05.8,1.0,20.04N-122.58E, h15km, Error ellipse: s-maj=22.3km s-min=15.3km az=151.0

NEIC Felt [II PWS] at Basco. JMA 01 14:27:08.8,5.6,20.07N,122.51E, M4.5

IDC 01 14:27:08.8,5.6,20.07N,122.63E, h36km,49km, mb3.5/5, mb1.3/9/6, mb1mx3.6/18, ML4.4/1, MS2.7/1, Ms1.2/1/1, ms1mx2.4/20, Error ellipse: s-maj=30.6km s-min=23.7km az=66.0

ISC 01 14:27:05.7,0.3,20.32N,0.03,122.42E,0.05,h33km,n35, c1253/56, mb3.5/5, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Basco, Mt. Cagua, Conner, Dolores, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Santa Cruz, Miyako jima 2, Gusukube, etc.

MAN 01 14:33:43.2,12.24N-121.70E, h4km, mb4.1, ML2.9, MS2.6, 1C, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Odiongan, San Jose, Roxas, etc.

NEIC 01 14:36:51.8,60.01N-152.59W, h84km, After AEIC., Southern Alaska

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

ATH 01 14:58:38.5,38.90N-20.55E, h7km,3km, MD3.6/15, ML3.7

NEIC 01 14:58:39.3,38.96N-20.55E, h11km, ML3.7(A/H), After ATH.

THE 01 14:58:39.2,38.88N-20.60E, h10km, ML3.7

ISC 01 14:58:39.3±0.4, 38.93N±0.02±20.54E±0.04, h7km, n40, ±142/60, 2C, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Levkas, Iougenitsa, Valsamata, Janina, Kerkira, etc.

BGF Bofo of Agland 9.20 296 ePh P 15 08 12.1 -1.9

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

comp=Z,7.7nm,0.5s 2.46 283 eSG Sg 15 52 50.8 +0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Loften, Sodanky, Moi Rana, etc.

PRU 01 15:06:00.1, 43.31N, 15.74E

NEIC 01 15:06:00.7±1.1, 43.17N±1.47E, h10km, ML3.6(VIE), Error ellipse: s-maj=14.4km s-min=7.8km az=120.0

LDG 01 15:06:03.9±0.5, 43.99N±1.57E, h10km, ML3.177, Error ellipse: s-maj=14.3km s-min=7.7km az=164.0

ISC 01 15:05:58.3±0.7, 43.11N±0.04±14.84E±0.05, h10km, n38, ±145/64, 5C-2D, Adriatic Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Aquila, Carovilli, Novalja, etc.

ISC 01 15:43:29.4±2.0, 40.36N±1.23, 95W, mb2.8/1, mb1 3.7/5, mb1mx3.5/23, ML3.4/3, Error ellipse: s-maj=12.0km s-min=9.5km az=89.0

NEIC 01 15:43:32.4, 40.32N±1.24, 96W, h33km, ML3.4(NCEDC), After NCEDC.

ISC 01 15:43:29.3±1.4, 40.29N±0.04±124.09W±0.09, h10km, n12km, n41, ±0.93/42, mb2.8/1, Near coast of Northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KHHM, WDC, KRB, etc.

STR 01 16:21:29.5±1.4, 47.66N±8.97E, h10km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BGR 01 16:21:29.5±0.2, 47.73N±9.00E, h20km, ML2.1/4, Error ellipse: s-maj=3.3km s-min=2.2km az=149.0

ZUR 01 16:21:29.7, 47.70N±8.96E, h20km, ML2.0/9, LEDBW 01 16:21:30.0±0.1, 47.69N±8.98E, h18km, 1km, ML2.0, Error ellipse: s-maj=4.0km s-min=2.0km az=117.0

LDG 01 16:21:30.4±0.2, 47.71N±8.94E, h2km, Md2.4/2, ML2.4/9, Error ellipse: s-maj=4.4km s-min=2.3km az=158.0

NEIC 01 16:21:30.0, 47.70N±9.00E, h19km, ML2.5(VIE), ML2.4(LDG), ML2.0(STR), ML1.9(ZUR), After ZUR.

ISC 01 16:21:30.5±0.2, 47.70N±0.02±8.92E±0.02, h20km, n55, ±0.98/93, 17C-9D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Singen-Sch Ber, Stein am Rhein, Truellikon, etc.

1d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Port Moresby, Charters Tower, Warramunga Arr, etc.

TAP 01 22:50:22.4, 24.37N, 122.92E, h14km, 1km, ML3.9
IMA 01 22:50:22.3, 0.1, 24.39N, 123.07E, h5km, 1km, M3.4

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

MEX 01 22:57:15.6, 0.7, 16.07N, 97.16W, h28km, 20km, MD4.6
NEIC 01 22:57:15.6, 0.5, 16.11N, 97.09W, mb4.2/7, MD4.6(MEX)

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pinotepa, Vista Hermosa, Huatulco, etc.

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Table with columns: TXAR, LR, LR, 23 06 54.1. Includes stations like Junction City, Guadalupe Moun, etc.

STR 01 23:01:40.7, 0.2, 44.26N, 7.34E, h5km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hagfors, Warramunga Arr, etc.

LDG 01 23:01:40.1, 0.1, 44.30N, 7.33E, h2km, M22.0/6, M11.6/7, Error ellipse: s-maj=2.1km s-min=0.8km az=74.0, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Montourrai, L'Aution, Auriere, etc.

LDG 01 23:10:44.3, 0.1, 3.5, 53.0, 3.102, 3E, h150km, n9, Error ellipse: s-maj=8.8km s-min=1.1km az=117.7

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

NEIC 01 23:18:09.6, 0.9, 16.09N, 97.17W, h22km, 47km, MD4.2, After MEX

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pinotepa, Huatulco, Vista Hermosa, etc.

HEL 01 23:21:39.1, 0.1, 67.83N, 20.16E, ML1.6, ML1.7(UPP), ML1.3(BE), Explosion
BER 01 23:21:39.8, 0.3, 67.81N, 20.16E, ML1.3, Suspected explosion

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kurraavaara, Nikkaluokta, Dundret, etc.

UCR 01 23:24:59.7, 0.1, 30.30N, 87.01W, h84km, MD3.4
INET 01 23:24:59.0, 10.73N, 87.17W, h2km, MD3.3, ML3.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like La Cruz, Vista de Mar, Copn Coatepeque, etc.

CASC 01 23:25:00.2, 0.1, 26.63N, 87.15W, h35km, 32km, MD3.5, ML3.6, 2C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Americas 2, Cofrado, Miramar, etc.

NEIC 01 23:55:49.6, 0.3, 33.42S, 72.11W, h40km, MD4.1(GUC), After GUC

GUC 01 23:55:49.6, 0.7, 33.42S, 72.11W, h40km, MD4.1, ML3.6, 9C-8D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Las Cruces, Instituto Hidr, Longovilo, etc.

NEIC 01 23:55:49.6, 0.3, 33.42S, 72.11W, h40km, MD4.1(GUC), After GUC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Antumapu, Cerro Calan, Chadas Angosto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ste Croix, Montlieu, Junction City, etc.

NEIC 02 01:31:18.9,2.4, 18.52S; 177.59W, h564km, 27km, mb4.1/6, Error ellipse: s-maj=17.8km s-min=13.5km az=170.0

ISC 02 01:31:12.4, 5.3, 18.4S; 0.2, 177.6W, 0.1, h493km, 63km, n92, c091/30, mb4.0/17, 6C-9D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urewera, Sanzoro, Rata Peaks, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Newpoint, Lajitas Array, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Keli, Ingas, Rata, etc.

MDD 02 02:35:09.2, 0.4, 42.56N; 1.12E, mbLg1.5/2, Error ellipse: s-maj=4.7km s-min=2.5km az=88.0, PRXIMO

STR 02 02:35:10.5, 0.4, 42.67N; 1.07E, h14km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 02 02:35:08.4, 0.7, 42.57N; 0.04, 1.13E; 0.07, h12km, 10km, n14, c042/16, Pyrenees

BUI 02 02:36:46.9, 6.22S; 102.65E, h40km, mb5.3, mb5.3, Ms5.3, Ms2.2

DJA 02 02:36:53.7, 0.8, 5.34S; 102.69E, h80km, mb5.9/3, Error ellipse: s-maj=29.4km s-min=6.0km az=51.0

HRVD 02 02:36:54.9, 0.2, 5.70S; 102.50E, h29km, MW5.5/6.0, Centroid moment tensor solution. Lp body waves:

s53,c100/Mantle waves: s60,c118; Half duration: 1s4 M100, Scale 1017/Mm; Mm-1.6E; 0.4;

NEIC 02 02:36:54.9, 0.1, 5.47S; 102.62E, h35km, mb5.7/30, MS4.9/16 Error ellipse: s-maj=14.8km s-min=7.1km

SYO 02 02:36:54.9, 5.47S; 102.62E, h41km, mb5.5, MS5.0, IDC 02 02:36:54.4, 1.4, 5.50S; 102.45E, h36km, 9km, mb5.1/21,

CSEM 02 02:36:56.5, 4.58S; 102.61E, h33km, mb6.1, ISC 02 02:36:53.5, 0.6, 5.46S; 102.66E; 0.03, h43km, 5km,

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like Kapahiang, Pulari, KALI, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, Pangar Gunung, Kluang, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

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Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like KALI, SNG, INGI, etc.

OKC	Ostrava-Krasne	90.59	320	eP	P	02 49 53.7 +1.0
OKC				ePP	PP	02 53 27.9 -2.4
OKC				eS	SS	03 00 44.8 +2.2
OKC				eLM	LM	03 37 00.0
comp-Z, 0.3nm, 19.6s						
RAC	Raciborz	90.60	320	eP	P	02 49 53.7 +1.0
RAC				e		03 00 22.3
RAC				eS	S	03 00 48.2 +5.6
RAC				eSP	SP	02 49 53.7 +1.0
RAC				ePP	PP	02 49 54.5 +0.5
RAC				eSKSac	SKSac	03 00 22.3
RAC				eS	S	03 00 48.2 +5.6
RAC				eLR	LR	
comp-Z, 700nm, 21.2s, MS5.1						
ARCES	ARCCESS Array B	90.61	340	P	P	02 49 52.5 +0.2
ARCES				e		02 53 28.7 -1.3
ARCES				ePP	PP	
comp-Z, 2.0nm, 1.0s, baz=107, slow=12, SNR=3.4						
ARCES				eLR	LR	03 35 52.0
ARCES	ARCCESS Array B	90.61	340	P	P	02 49 52.5 +0.2
ARCES				e		02 53 28.7 -1.3
ARCES				ePP	PP	03 35 52.0
ARCES				eLR	LR	02 49 52.5 +1.1
MORC	Moravsky Berou	90.97	320	eP	P	02 49 55.2 +0.7
MORC				e		02 50 07.3 -0.2
MORC				ePP	PP	02 53 21.5 -1.2
ZST	Bratislava	91.07	318	iP	P	02 49 56.2 +1.3
ZST				eS	S	03 01 06.9 +2.0
SISC	Sisak	91.25	315	iP	P	02 49 58.5 +2.7
VNA2	Neumayer-Watz	91.31	198	e	PP	02 53 29.1 -6.5
VNA2	Neumayer-Watz	91.31	198	iP	P	02 49 58.2 +2.6
VNA2				e	PP	02 50 09.6 +1.0
VNA2				e	PP	02 50 13.9 +5.3
VNA2				e	PP	02 53 29.1
GKP	Gorka Klasztor	91.59	323	iP	P	02 49 58.0 +0.8
GKP				e	LR	
comp-Z, 700nm, 18.7s						
VNA1	Neumayer-Stat	91.68	198	e	PP	02 53 31.5 -7.1
VNA1	Neumayer-Stat	91.68	198	iP	P	02 50 00.4 +3.2
VNA1				e	PP	02 50 11.7 +1.4
VNA1				e	PP	02 50 15.9 +5.6
VNA1				e	PP	02 53 31.5
DPC	Dobruska-Polom	91.82	320	eP	P	02 49 59.8 +1.5
DPC				ePP	PP	02 53 36.0 -4.1
DPC				eS	SS	03 00 53.8 +0.4
DPC				eLM	LM	03 36 50.0
comp-Z, 0.7nm, 20.7s						
KSP	Ksiaz	91.89	321	iP	P	02 49 59.4 +0.7
KSP				ePP	PP	02 50 11.5 -0.2
KSP				ePP	PP	02 53 37.5 -3.2
KSP				eS	SS	03 00 55.0 +1.0
KSP				eLR	LR	
comp-Z, 900nm, 21.7s, MS5.2						
ARSA	Arzberg	92.02	317	iP	P	02 50 00.0 +0.7
ARSA				e		02 49 59.9 +0.5
BOJS	Bojanci	92.03	315	iP	P	02 50 01.9 +0.4
VISS	Visnje	92.35	316	iP	P	02 50 02.7 +0.7
LJU	Ljubljana	92.59	316	iP	P	02 50 14.7 -0.3
LJU				ePP	PP	02 53 45.9 -0.5
LJU				ePP	PP	02 53 45.9 -0.5
TRO	Troslno	92.89	340	eSS	SS	03 07 16.4 -4.4
MOA	Molin	92.92	318	iP	P	02 50 04.2 +0.7
comp-Z, 1.4nm, 1.4s, mb5.2						
PRU	Pruhonice	92.93	320	iP	P	02 50 04.1 +0.7
PRU				e	PP	02 53 39.7 -3.3
PRU				e	PP	03 01 06.2 +1.0
PRU				eLM	LM	03 37 30.0
comp-Z, 0.6nm, 20.0s						
PRU	Pruhonice	92.93	320	eP	P	02 50 04.4 +1.0
PRU				ePP	PP	02 53 47.1 -1.9
PRU				eS	SS	03 01 06.2 +1.2
PVCC	Panska Ves	92.96	320	iP	P	02 53 45.4 -3.8
PVCC				ePP	PP	03 01 07.8 +4.5
PVCC				eLM	LM	03 37 40.0
comp-Z, 0.4nm, 21.7s						
AQU	L'Aquila	93.09	312	eP	P	02 50 03.6 -0.8
AQU				ePP	PP	02 50 16.5 -0.9
ROBS	Robic	93.31	316	iP	P	02 50 05.2 0.0
BRG	Berggiesshubel	93.38	321	iP	P	02 50 06.4 +0.9
BRG				e	PP	02 50 18.2 -0.3
BRG				e	PP	02 53 49.5
BRG				e	PP	03 01 10.0 +3.0
comp-Z, 72nm, 1.8s, mb5.8						
BRG				e	MLR	MLR
comp-Z, 470nm, 19.9s, MS4.9						
BRG				e	MLR	MLR
comp-N, 280nm, 18.0s, MS5.0						
BRG				e	MLR	MLR
comp-E, 330nm, 18.0s, MS5.0						
BRG	Berggiesshubel	93.38	321	iP	P	02 50 06.4 +0.9
BRG				e	PP	02 50 18.2 -0.3
BRG				e	PP	02 53 49.5 -3.1
BRG				e	PP	03 01 10.0 +3.0
BRG				eLR	LR	
comp-Z, 470nm, 19.9s, MS4.9						
GE2	GERESS Array S	93.38	319	eP	P	02 50 06.2 +0.7
GE2				e		02 53 48.1
comp-Z, 101nm, 1.9s, mb5.9						
GE2	GERESS Array S	93.38	319	eP	P	02 50 06.2 +0.7
GE2				e	PP	02 53 48.1 -4.5
GE2				e	PP	02 50 06.0 +0.5
comp-Z, 1.5nm, 1.0s, mb5.1, baz=108, slow=4.2, SNR=7.0						
KHC	Kasperske Hory	93.48	319	eP	P	02 50 06.4 +0.4
KHC				e	PP	02 53 34.0
KHC				e	PP	02 53 49.8 -3.7
KHC				e	PP	03 01 10.8 +2.9
KHC				eLM	LM	03 42 10.0
comp-Z, 0.5nm, 20.8s						
KHC	Kasperske Hory	93.48	319	eP	P	02 50 06.4 +0.4
KHC				eS	S	02 53 49.8
KHC				eMLR	MLR	03 01 10.8 +2.9
comp-Z, 500nm, 20.8s, MS5.0						
KBA	Koelnbreinsper	93.49	317	iP	P	02 50 06.0 0.0
KBA				e		02 50 08.8 +0.8
WET	Wetzell	93.94	319	eP	P	02 50 08.8 +0.8
WET				e	PP	02 53 48.1
comp-Z, 41nm, 1.4s, mb5.7						
WET	Wetzell	93.94	319	eP	P	02 50 08.8 +0.8
comp-Z, 41nm, 1.4s, mb5.7						
COLL	Collm	94.00	321	iP	P	02 50 08.5 +0.3
comp-Z, logA/T=1.3, mb5.5						
COLL				eSP	SP	02 50 22.0 -3.6
COLL				eS	S	02 53 54.0 -3.6
COLL				eS	S	03 01 13.0 +0.7
COLL				ePS	PS	03 04 00.0 +2.1
COLL				eS	S	02 50 08.5 +0.3
COLL				e	PP	02 50 22.0 +0.7
COLL				e	PP	03 01 13.0 +0.7
comp-Z, 26nm, 1.4s, mb5.5						
COLL				e	MLR	MLR
comp-Z, 400nm, 17.7s, MS4.9						
COLL	Collm	94.00	321	iP	P	02 50 08.5 +0.3
comp-Z, 26nm, 1.4s, mb5.5						
COLL				e	PP	02 50 22.0 +0.7
COLL				eS	S	03 01 13.0 +0.7
comp-Z, 400nm, 17.7s, MS4.9						
WTTA	Wattenberg	94.66	317	iP	P	02 50 11.3 -0.1
WTTA				e	PP	02 50 20.8 +0.8
TNA	Tin City	94.69	25	PFAKE	LR	
TNA				e	LR	
comp-Z, 265nm, 20.0s, MS4.7						
WATA	Waldern	94.71	317	iP	P	02 50 11.2 -0.4
comp-Z, 20nm, 1.5s, mb5.3						
MOX	Moxa	94.84	320	eP	P	02 50 12.7 +0.6
comp-Z, logA/T=1.3, mb5.5						
MOX				e	PP	02 50 32.0 +6.9
MOX				e	PP	02 54 00.0 -3.4
MOX				e	PP	03 40 00.0
MOX	Moxa	94.84	320	eP	P	02 50 12.7 +0.6

MOX				e	ppmax	ppmax	02 50 31.7
MOX				e	MLR	MLR	
comp-Z, 32nm, 1.6s, mb5.5							
MOX	Moxa	94.84	320	eP	P	02 50 12.7 +0.6	
MOX				e	LR	LR	02 50 31.7
comp-Z, 400nm, 21.0s, MS4.9							
UNV	Unalaska Isle	94.86	36	PFAKE	LR	02 50 20.0 +7.9	
UNV				e	LR	LR	
comp-Z, 973nm, 21.0s, MS5.2							
GRA1	Grafenberg Arr	95.05	319	eP	P	02 50 14.1 +1.0	
GRA1				ePP	PP	02 54 02.7 -2.3	
GRA1				eLR	LR		
comp-Z, 300nm, 21.1s, MS4.7							
GRF	Grafenberg Arr	95.05	319	eP	P	02 50 14.1 +1.0	
GRF				e			02 54 02.7
GRF				e	ppmax	ppmax	
comp-Z, 59nm, 1.5s, mb5.8							
NB2	NORSAR Subarra	95.44	331	eP	P	02 50 14.2 -0.4	
NB2				e			02 50 14.2 -0.4
comp-Z, 4.3nm, 1.0s, mb4.8, baz=93, slow=4.6, SNR=8.7							
NOA	NORSAR Array B	95.44	331	eP	P	02 50 14.0 -0.5	
NOA				e	PP	02 54 02.8 -5.0	
comp-Z, 1.0nm, 1.1s, baz=238, slow=19, SNR=2.7							
NOA				e	PP	03 40 12.7	
comp-Z, 394nm, 20.3s, MS4.9, baz=60, slow=40							
NOA	NORSAR Array B	95.44	331	eP	P	02 50 14.0 -0.6	
NOA				e	PP	02 54 02.8 -5.0	
NOA				e	PP	03 40 12.7	
NOA				e	PP	03 01 26.2 +2.1	
NOA				e	SS	03 07 56.1 -0.6	
NOA				e	AMS	03 41 41.4	
comp-Z, 632nm, 19.9s, MS5.1							
KBS	Kingsbay	95.46	349	eS	S	02 50 30.0 +1.6	
KBS				eSS	SS		
KBS				eAMS	AMS		
comp-Z, 730nm, 19.0s, MS5.2							
CLZ	Clausthal	95.67	321	eP	P	02 50 16.6 +0.8	
CLZ				e			02 54 07.6
BSEG	Bad Segeberg	95.75	324	eP	P	02 50 17.1 +0.9	
BSEG				e			02 54 07.6
comp-Z, 29nm, 1.3s, mb5.5							
DAVA	Damuels	95.86	317	iP	P	02 50 17.1 +0.3	
DAVA				eS	S	03 01 33.9 +2.9	
DAVA				eSS	SS	03 08 04.2 -3.5	
DAVA				eAMS	AMS	03 38 55.0	
comp-Z, 290nm, 19.2s, MS4.8							
KONO	Kongsberg	96.22	329	PFAKE	LR	02 50 30.0 +1.2	
KONO				e			
comp-Z, 53nm, 20.0s, MS4.0							
CDF	Champ du Feu	97.62	318	ePP	PP	02 54 21.7 -3.9	
CDF				ePP	PP	02 54 24.0 -3.9	
CDF				ePP	PP	02 54 24.4 -4.2	
HMF	Hinterfeld	97.91	314	ePP	PP	02 54 24.4 -4.2	
HMF				ePP	PP		
MBDF	Montbardon	97.99	314	ePP	PP	02 54 24.4 -4.2	
MBDF				ePP	PP		
comp-Z, 2.4nm, 0.7s							
LPG	La Plagne	98.00	315	ePP	PP	02 54 24.7 -4.0	
LPG				ePP	PP	02 54 24.5 -4.3	
comp-Z, 44nm, 1.5s							
FRF	La Foret Royal	98.09	313	ePP	PP	02 54 23.9 -5.4	
FRF				ePP	PP	02 54 25.2 -4.9	
FRF				ePP	PP	02 54 30.3 -4.4	
FRF				ePP	PP	02 54 33.1 -3.3	
FRF				ePP	PP	02 54 39.3 -4.0	
FRF				ePP	PP		
FRF				ePP	PP		
FRF				ePP			

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

INMET 02 03:23:38.9, 12.27N:88.74W, h32km, MD3.6, ML3.2
SSS 02 03:23:41.0, 12.65N:88.44W, h139km, MD3.7
CASO 02 03:23:40.5, 1.9, 12.27N:88.60W, h61km, g2km, MD3.8

ML3.1, Off coast of Central America
Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the ML3.1 region.

INMG 02 03:21:40.2, 45.35N-23.51W, h10km
SVSA 02 03:22:20.4, 42.30N-21.34W, h10km, Mb4.4
LDG 02 03:22:39.1, 5.0, 46.98N:16.79W, h10km, Mb4.7/24, Error ellipse: s-maj=109.4km, s-min=19.6km, az=85.0

ISC 02 03:21:30.5-0.6, 45.00N-0.04, 24.29W-0.05, h10km, n67, +1818/0, mb3.7/3, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Northern Mid-Atlantic Ridge region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

INMET 02 03:23:38.9, 12.27N:88.74W, h32km, MD3.6, ML3.2
SSS 02 03:23:41.0, 12.65N:88.44W, h139km, MD3.7
CASO 02 03:23:40.5, 1.9, 12.27N:88.60W, h61km, g2km, MD3.8

ML3.1, Off coast of Central America
Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the ML3.1 region.

IDC 02 03:31:00.8-3.2, 44.48N:148.09E, mb3.6/3, mb1 3.8/4, mb1mx3.4/22, ML2.8/1, Error ellipse: s-maj=92.8km, s-min=31.82km, az=168.0

JMA 02 03:31:02.5-0.2, 43.67N:147.75E, M3.8
ISC 02 03:31:03.9-1.5, 43.77N:0.1, 148.0E-0.1, h65km, n18km, n14, +0571/23, mb3.4/3, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Kuril Islands region.

0.4nm, 0.5s, mb3.5, baz=59, slow=8.1, SNR=7.4
TXAR Lajitas Array 82.16 57 P 03 43 20.3 +1.3

NNC 02 03:40:46.6, 8.9, 43.23N:84.91E, mpv2.9, Error ellipse: s-maj=97.0km, s-min=78.1km, az=62.0
BUJ 02 03:40:43.4, 43.07N:85.14E, h14km, ML3.5, 3C, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Xinjiang region.

NEIC 02 03:43:39.3-0.3, 17.11S:174.55W, h100km, mb4.5/9, Error ellipse: s-maj=17.5km, s-min=7.9km, az=132.0
IDC 02 03:43:41.2-9.7, 17.17S:174.53W, h115km, 83km, mb4.1/9, mb1 4.3/9, mb1mx4.1/15, Error ellipse: s-maj=40.2km, s-min=19.8km, az=159.0

ISC 02 03:43:38.1-0.4, 17.1S:0.1, 174.6W-0.1, h100km, n70, +0730/32, mb4.3/17, 3C-3D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Tonga Islands region.

INMET 02 03:23:38.9, 12.27N:88.74W, h32km, MD3.6, ML3.2
SSS 02 03:23:41.0, 12.65N:88.44W, h139km, MD3.7
CASO 02 03:23:40.5, 1.9, 12.27N:88.60W, h61km, g2km, MD3.8

ML3.1, Off coast of Central America
Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the ML3.1 region.

IDC 02 03:31:00.8-3.2, 44.48N:148.09E, mb3.6/3, mb1 3.8/4, mb1mx3.4/22, ML2.8/1, Error ellipse: s-maj=92.8km, s-min=31.82km, az=168.0

JMA 02 03:31:02.5-0.2, 43.67N:147.75E, M3.8
ISC 02 03:31:03.9-1.5, 43.77N:0.1, 148.0E-0.1, h65km, n18km, n14, +0571/23, mb3.4/3, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Kuril Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kithairon Oros, Janina, Velai, Nisos Salamina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLS Valsamata, ITN Janina, EVR Eryntia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOK Ganaly, GNL, GNL, MKZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUJ 02:05:09:14.0, 40.16N, 177.87E, etc.

IDC 02:05:20:48.7-10.0, 23.53S, 179.96W, h576km, 121km, mb3.0/4, mb1.3/3.4, mb1mx3.0/1.93, Error ellipse: s-maj=151.0km s-min=46.6km az=171.0

NEIC 02:05:20:50.6-1.0, 20.565S, 179.97E, h600km, mb4.2/2, Error ellipse: s-maj=72.1km s-min=15.1km az=162.0

ISC 02:05:20:49.5-1.6, 23.55S, 0.7x179.9E, 0.3, h600km, n12, c=0448.6, mb3.8, 6C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Tower, STKA Stephens Creek, WBA Warramunga Arr, etc.

ISC 02:05:21:23.3-1.1, 37.95N, 0.06x73.6E, 0.2, h33km, n16, c=1818/18, 1C, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, KZA Kyzart, EK2E Erkin-Say, etc.

IDC 02:05:25:57.1-1.3, 3.72N, 126.90E, mb3.7/6, mb1.3/9.6, mb1mx3.7/1.7, Error ellipse: s-maj=91.8km s-min=19.3km az=72.0

ISC 02:05:26:00.1-1.1, 3.7N, 0.2-126.8E, 0.6, h33km, n8, c=079/8, mb3.7/6, Talaud Islands

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

IDC 02:05:31:42.7-2.9, 17.20S, 178.81W, h488km, 358km, mb3.0/7, mb1.3/3.7, mb1mx3.2/1.3, MS3.5/1, Ms1 3.5/1, ms1mx2.6/4, Error ellipse: s-maj=125.0km s-min=56.4km az=5.0

NEIC 02:05:31:43.6-0.8, 17.27Sx178.80W, h500km, mb4.1/1, Error ellipse: s-maj=55.5km s-min=10.9km az=153.0

ISC 02:05:31:42.9-1.2, 17.2S, 0.5x178.9W, 0.3, h500km, n12, c=023/11, mb3.4/3, 2C, Fiji Islands region

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

IDC 02:06:06:52.1-2.1, 63.30Sx166.23W, mb4.2/3, mb1.4/4, mb1mx4.3/8, ML3.7/1, MS4.1/6, MS1 4.1/6, ms1mx3.9/9, Error ellipse: s-maj=50.2km s-min=28.8km az=19.0

NEIC 02:06:06:54.3-0.7, 63.29Sx166.52W, h10km, mb4.2/2, Error ellipse: s-maj=24.9km s-min=17.1km az=90.0

ISC 02:06:06:52.7-1.1, 2.63S, 0.1x166.6W, 0.4, h10km, n19, c=1925/9, mb4.1/4, MS4.2/6, 2D, Pacific-Antarctic Ridge

NIED 02:03:56:00, 35.70N, 140.80E, h56km, Mw4.2 Best double couple: M1, 69x1015 NP1, 357, 884, x, 106. NP2: 31, 106, 317, 1207

IDC 02:03:56:43.7-0.8, 35.60N, 140.59E, mb3.9/12, mb1.0/4, 0/15, mb1mx4.0/24, ML4.0/3, MS3.2/2, Ms1 3.2/2, ms1mx2.6/24, Error ellipse: s-maj=24.4km s-min=20.0km az=72.0

JMA 02:03:56:49.0-1.1, 35.69N, 140.77E, h48km, 1km, M3.9 JMA Felt 1 J1

NEIC 02:03:56:53.5-1.3, 35.65N, 140.48E, h73km, 10km, mb4.4/5, Error ellipse: s-maj=12.6km s-min=10.0km az=80.0

ISC 02:03:56:49.1-0.5, 35.66N, 0.03x140.73E, 0.07, h52km, 3km, n38, c=1906/46, mb4.0/17, MS3.3/1, 2C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHOJ Chosi, CHOU, JCN Nagara, etc.

NEIC 02:03:57:49.4, 37.79N, 21.13E, h5km, ML3.5(A), After ATH

ATH 02:03:57:49.4, 37.79N, 21.12E, h6km, 3km, MD3.8/15, ML3.5

THE 02:03:57:50.6, 37.70N, 21.20E, h10km, ML3.8

IDC 02:03:57:51.1-2.4, 38.15N, 21.65E, mb3.5/6, mb1.3/5/8

IDC 02:04:07:14.7-4.5, 22.00N, 143.24E, mb3.8/3, mb1.4/0/3, mb1mx3.5/20, Error ellipse: s-maj=335.0km s-min=31.2km az=89.0, Mariana Islands region

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

NEIC 02:04:32:51.4-0.9, 21.62S, 68.43W, h119km, 10km, Error ellipse: s-maj=20.4km s-min=13.3km az=51.0

IDC 02:04:32:51.9-0.7, 21.72S, 0.07x68.4W, 0.1, h134km, 8km, n13, c=085/15, mb3.6/4, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, etc.

IDC 02:04:56:06.5-0.4, 0.275N, 122.51E, M3.8, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HATJ Hateruma jima, YOJ Yonaguni jima, etc.

KRSC 02:04:57:46.0, 49.90N, 160.62E, h41km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUS Russkaya, RUS Severo-Kuril's, etc.

ISC 02 07:24:40.6:1.5, 20.45N, 0.08-122.8E, 0.1, h73km, 17km, n17, c075/29, mb3.6/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HATERUMA JIMA, KURO-SHIMA, IRIOMOTE-FUNAU, etc.

Table with columns: TUWZ, CRUZ, CRUZ, CANTEBURY LAS, etc. Lists stations like TUUKINO, CANTERBURY LAS, NGARURUHOE, etc.

Table with columns: KEDI, RATA, RANGI, INGAS, etc. Lists stations like KEDIRI, RATA, RANGI, INGAS, etc.

IDC 02 08:56:01.9:1.9, 60.18N-25.40E, mb1 2.7/3, mb1mx2.7/19, ML2.6/3, Error ellipse: s-maj=18.8km

HEL 02 08:56:02.2:0.1, 60.19N-25.22E, ML1.8, ML2.0(UPP), Explosion

ISC 02 08:56:00.9:0.6, 60.19N-25.27E, 0.06, n17, c079/25, Finland

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

NIED 02 07:50:00.4:0.90N, 142.90E, h35km, Mw3.6 Best double: Ma2.76x10^14 NP1 phi=332, delta1, lambda=63. NP2 phi=79, delta2, lambda=160

IDC 02 07:50:55.6:1.3, 40.83N-142.83E, mb3.5/5, mb1 3.7/6, mb1mx3.5/21, ML4.0/1, Error ellipse: s-maj=35.9km

JMA 02 07:50:59.9:0.1, 40.93N-142.92E, h25km, M4.0

ISC 02 07:51:00.4:0.7, 40.95N-142.96E, 0.07, h51km, 8km, n19, c078/28, mb3.5/5, 4C-2D, Near east coast of eastern Honshu

JMA 02 07:38:13.8:0.4, 20.76N-122.48E, M3.6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HATERUMA JIMA, YONAGUNI JIMA, KURO-SHIMA, etc.

NEIC 02 07:50:41.1, 40.93S-172.91E, h20km, After WEL. WEL 02 07:50:41.6:0.3, 40.92S-172.95E, h197km, 2km, ML3.7/5, 10C-2D, Error ellipse: s-maj=2.1km s-min=1.9km

az=90.0, Off west coast of South Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including QUARTZ RANGE, NELSON, TOPHOUSE, TUAMARINA, etc.

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

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

JMA 02 07:57:34.4:0.5, 20.71N-122.61E, h1km, M3.6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HATERUMA JIMA, KURO-SHIMA, YONAGUNI JIMA, etc.

JMA 02 07:58:46.1:0.1, 36.25N-137.08E, h273km, 1km, M3.0

NEIC 02 07:58:46.2:0.8, 36.30N-137.16E, h278km, 14km, Error ellipse: s-maj=53.6km s-min=22.2km az=67.0

IDC 02 07:58:48.7:30.0, 36.27N-137.02E, h301km, 300km, mb3.1/5, mb1 3.2/5, mb1mx3.0/21, Error ellipse: s-maj=145.0km s-min=17.7km az=74.0

ISC 02 07:58:45.2:0.5, 36.30N-137.1E, 0.1, h279km, 5km, n22, c054/30, mb3.3/5, Eastern Honshu

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

DJA 02 08:44:37.9:0.9, 9.9S-117.50E, h2km, MD5.5/4, ML5.4/4, Error ellipse: s-maj=41.5km s-min=17.9km az=11.0

ISC 02 08:44:36.7:1.1, 9.25S-117.4E, 0.1, h10km, n7, c086/12, 6C-2D, Sumbawa region

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

ISC 02 07:50:59.9:0.1, 40.93N-142.92E, h25km, M4.0

ISC 02 07:51:00.4:0.7, 40.95N-142.96E, 0.07, h51km, 8km, n19, c078/28, mb3.5/5, 4C-2D, Near east coast of eastern Honshu

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

NEIC 02 09:10:25.2:0.6, 18.58S-177.84W, h500km, mb4.0/4, Error ellipse: s-maj=25.9km s-min=11.5km az=150.0

IDC 02 09:10:25.4:6.6, 18.61S-177.80W, h502km, 78km, mb3.3/9, mb1 3.6/9, mb1mx3.5/15, Error ellipse: s-maj=38.1km

ISC 02 09:10:24.5:1.7, 18.65S-177.9W, 0.1, h500km, n22, c089/18, mb3.7/9, 5C-1D, Fiji Islands region

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

IDC 02 09:42:29.8:1.2, 26.49S-69.52W, mb3.9/5, mb1 4.1/8, mb1mx3.9/16, ML3.4/2, MS3.1/2, MS1.3/2, ms1mx2.7/17, Error ellipse: s-maj=34.0km s-min=28.3km az=62.0

GUC 02 09:42:30.7:0.8, 26.30S-69.54W, h1km, 5km, MD4.2, ML4.4

NEIC 02 09:42:30.7, 26.30S-69.54W, h1km, mb4.2/1, ML4.4(GUC), After GUC

ISC 02 09:42:30.3:0.5, 26.34S-69.32W, 0.06, h10km, n21, c1803/27, mb4.3/9, MS3.1/2, 1C-1D, Northern Chile

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Beijing, Stephens Creek, HIA, etc.

JMA 02 12:56:46.2, 0.4, 23.28N, 121.59E, h95km, M2.5

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

BER 02 13:06:11.7, 3.0, 58.19N, 12.21E, ML2.1 (NAO), Suspected explosion

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

MAN 02 13:09:32.1, 12.69N, 123.16E, h17km, mb4.6, ML3.4, MS3.3

ISC 02 13:09:32.1, 0.8, 12.71N, 0.03, 123.15E, 0.04, h18km, 9gkm, n21, c1903/31, 4C-1D, Luzon

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

NEIC 02 13:13:14.4, 0.4, 23.37N, 142.73E, mb4.3/3, Error ellipse: s-maj=18.0km s-min=8.5km az=78.0

ISC 02 13:13:14.2, 1.0, 23.42N, 142.73E, h70km, 7km, mb3.7/10, mb1.3, 9/11, mb1mx3.7/22, MS2.71, Ms1.2, 7/11, ms1mx2.4/19, Error ellipse: s-maj=27.2km s-min=11.2km az=85.0

ISC 02 13:13:11.9, 2.0, 23.39N, 0.08, 142.8E, 0.2, h68km, 19gkm, h71km, 7km, pP-P, n20, c085/18, mb3.9/11, 3D, Volcano Islands region

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

NIED 02 13:29:00.43, 10N, 146.00E, h44km, Mw3.9 Best double couple: M6.74x1014 NP195, 859, 859, 853, NP2, 95, 54, 846, 1, 135, 5

JMA 02 13:29:44.9, 0.1, 43.09N, 145.99E, h51km, 1km, M3.9

JMA Felt J1

NEIC 02 13:29:48.9, 3.8, 43.28N, 145.90E, h78km, 23km, mb4.2/2, Error ellipse: s-maj=45.4km s-min=10.3km az=177.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nemuro 2, Yuzh-Kuril sk, etc.

MOS 02 13:29:49.4, 1.2, 43.91N, 145.81E, h72km, mb4.3/5, Error ellipse: s-maj=33.8km s-min=24.5km az=108.9

ISC 02 13:29:44.3, 0.9, 43.12N, 0.07, 146.02E, 0.07, h57km, 6gkm, n34, c0975/43, mb3.9/13, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nemuro 2, Yuzh-Kuril sk, etc.

BJU 02 14:04:10.8, 49.01S, 127.98E, h8km, mb5.3, mb4.9, Ms4.7, Ms2.4

ISC 02 14:04:11.5, 0.6, 49.12S, 127.51E, mb4.8/11, mb1.4, 9/12, mb1mx4.9/13, ML2.3/1, MS4.7/11, Ms1.4, 7/11, ms1mx4.7/12, Error ellipse: s-maj=27.5km s-min=16.5km az=103.0

HRVD 02 14:04:13.3, 0.2, 49.00S, 127.50E, h12km, MW5.3/63, Centroid moment Tensor Solution. LP body waves: s53, c82; Mantle waves: s63, c118; Half duration: 1s1

Moment tensor: Scale 10^17Nm; Mr=0.05±0.02; Mw=0.3±0.02; Mw0.3±0.02; Mw=0.10±0.05; Mw=0.88±0.02; Mw0.08±0.05; Best double couple: M6.95x10^17 NP1, 171, 1, 883, 1, 3, NP2, 281, 887, 1, 173, Principal axes: T, 99, 8, P, Azm: 236°; N, -0.6, Plg83, Azm: 77°; P, -92, Plg3, Azm: 326°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 02 14:04:13.3, 0.3, 49.11S, 127.31E, h10km, Mw5.1/32, MS4.6/10 Error ellipse: s-maj=10.6km s-min=6.8km az=102.0

ISC 02 14:04:11.4, 0.3, 49.11S, 0.05, 127.4E, 0.1, h10km, (h27km, 1.3km, pP-P), n108, c1926/71, mb5.1/35, MS4.6/21, 8C-5D, Western Indian-Antarctic Ridge

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

WB2 Warramunga Arr 29.64 13 11 P 14 10 17.2 -2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Rata Peaks, etc.

Table of astronomical observations for 2d 18h, listing stations like CTA, CTAO, FORT, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2004 AUG, listing stations like QSPA, ARU, ILAR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2004 AUG, listing stations like YOJ, IRIF, IRIS, etc., with columns for station name, coordinates, and observation details.

KNET 02 18:29:15.2-0.7, 42.40N-72.03E, ml2.9, Error ellipse: s-maj=4.5km s-min=2.4km az=41.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Karatay Array, Erkin-Say, Ala-Archa, etc.

MDD 02 18:33:34.8-0.3, 42.98N-0.23E, h11km, mblg1.3/5, Error ellipse: s-maj=3.2km s-min=2.0km az=6.0, PRXIMO

STR 02 18:33:35.0-0.2, 42.90N-0.25E, h5km, ml2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 02 18:33:34.0-0.1, 42.95N-0.23E, h15km, Mdl1.8/2.1, M1.6/3, Error ellipse: s-maj=3.6km s-min=1.6km az=169.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Esparrros, Labassere, Ens, View, Melles, etc.

NNC 02 18:34:30.1-0.2, 42.49N-71.74E, mpv2.4, Error ellipse: s-maj=83.4km s-min=1.3km az=34.0

KNET 02 18:34:31.0-0.9, 42.44N-71.99E, h4km, ml2.2, Error ellipse: s-maj=0.6km s-min=6.1km az=1.0

ISC 02 18:34:28.5-1.4, 42.22N-0.1x71.60E-0.06, h10km, n17, c073/22, 8C-5D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Karatay Array, Erkin-Say, Ala-Archa, etc.

ROM 02 18:44:43.8-0.3, 44.57N-9.32E, h4km, ml2.5/4, ML1.7/4, Error ellipse: s-maj=1.6km s-min=1.0km az=0.0

LDG 02 18:44:52.0-0.3, 44.25N-8.78E, h2km, MD2.5/1, ML2.2/9, Error ellipse: s-maj=4.9km s-min=3.9km az=90.0

ISC 02 18:44:44.1-0.5, 44.55N-0.03-9.30E-0.03, h8km, 4km, n18, c1520/33, 1C, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Bobbio (Coli), Eremo, Finale Ligure, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Bagni Di Lucca, Imperia, Pisa, Varese, Sospel, Montbardor, etc.

MAN 02 18:49:24.7, 17.86N-120.04E, h1km, mb4.4, ML3.2, MS3.0, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Dolores, Conner, Bolinao, Callao Caves, Santa Cruz, Palanan, Baler, Lubang, etc.

JMA 02 18:50:10.7-0.3, 20.70N-122.57E, M3.8, ISC 02 18:50:07.1-0.6, 20.34N-102.42E-122.38E-0.07, h33km, n13, c1544/21, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Basco, Conner, Dolores, Hateruma jima, Yonaguni jima, Kuro-shima, Iriomote-Funau, Ishigaki jima, Baler, Tarama, Miyako jima, Guskubue, Kume jima 2, etc.

MAN 02 18:55:13.0, 11.94N-125.87E, h6km, mb4.5, ML3.4, MS3.3, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Borongan, Catarman, Ormoc, Maasin, Surigao, Virac, Butuan, Cauayan, etc.

NEIC 02 18:57:04.0, 15.98N-97.18W, h58km, MD4.0 (MEX), After MEX, MEX 02 18:57:04.7-0.9, 16.02N-97.16W, h45km, 31km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Pinotepa, Huatulco, Vista Hermosa, Oaxaca, Matias Romero, Et Cuyaco, Platanillo, Popocatepetl, etc.

ROM 02 19:25:15.5-0.2, 44.59N-9.33E, h5km, MD2.4/4, ML1.6/4, Error ellipse: s-maj=2.0km s-min=1.8km az=90.0

LDG 02 19:25:23.0-0.2, 44.26N-8.77E, h2km, ML2.1/9, Error ellipse: s-maj=4.4km s-min=3.3km az=59.0

ISC 02 19:25:15.6-0.5, 44.57N-0.04-9.27E-0.04, h5km, n14, c1939/27, 1C, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Bobbio (Coli), Finale Ligure, Bagni Di Lucca, Imperia, Sospel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Montbardor, La Plagne, Pioggia, La Plagne, La Foret Royal, La Moure, Oris-en-Rattie, Simiane la Rot, Saint-Julien-l'Or, etc.

IDC 02 19:33:23.8-15.0, 20.55S-178.03W, h518km, 156km, mb3.4/4, mb1 3.5/5, mb1mx3.3/15, Error ellipse: s-maj=110.0km s-min=33.2km az=32.0

NEIC 02 19:33:23.0-0.7, 20.48S-178.04W, h510km, mb4.1/3, 4C, Fijii Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Urewera, Charters Tower, Stephens Creek, Alice Springs, Warramunga Arr, Warramunga Arr, KAKA, Fitzroy Crossi, BVAR, ARCES, AKASG, BRTR, CLL, GERES, etc.

THE 02 19:35:56.5, 39.45N-23.83E, h1km, ML2.7, ATH 02 19:36:00.7, 39.10N-22.91E, h3km, MD2.9/4, Error ellipse: s-maj=5.1km s-min=2.0km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Paliouri, Neokhorri, Xor, Ouranopolis, Limnos, Agios Georgios, Kithairon Oros, Penteli, Nisos Salamina, Kendrikon, etc.

IDC 02 19:39:54.5-0.9, 5.65S-105.21E, mb4.0/6, mb1 4.2/6, mb1mx3.9/13, MS3.1/1, Mst 3.3/1, ms1mx2.5/17, Error ellipse: s-maj=53.8km s-min=20.9km az=51.0

ISC 02 19:39:57.1-1.2, 5.65S-105.3E-0.3, h33km, n9, c1511/6, mb4.0/6, MS3.0/1, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Warramunga Arr, Stephens Creek, Songoing Arr, Buatan, Cauayan, etc.

ISC 02 19:40:29.9-1.7, 39.40S-176.38E, h79km, 12km, mb3.3/2, mb1 3.6/3, mb1mx3.5/11, Error ellipse: s-maj=54.1km s-min=11.6km az=125.0

WEL 02 19:40:33.6-0.1, 39.04S-176.14E, h84km, 1km, ML4.3/1/1, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0

NEIC 02 19:40:33.6, 39.04S-176.14E, h84km, ML4.2 (WEL), After WEL, ISC 02 19:40:32.4-0.2, 39.17S-0.02-176.17E-0.03, h84km, n135, c1826/184, mb3.6/2, 22C-14D, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Black Stump Fm, Hinemaiaia, Rihia Road, Moawhanga, Karewarewa, Kurewarewa, Tukino, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Wahiiana, Dome Shelter, Far West T-bar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ, ARCES, FINES, MTE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KUR, NEM2, JRA, etc.

Table with 5 columns: STH, GWJ, PCJ, PCJ, PCJ. Rows include Greenlitch, Portland Cotta, etc.

JMA 03 01:09:47.1-0.3, 43.78N-139.56E, h219km, 3km, M3.2
IDC 03 01:09:48.2-3.4, 44.07N-139.54E, h213km, 36km, mb3.2/6,
mb1 3.3/7, mb1mx3.2/23, Error ellipse: s-maj=144.0km
s-min=16.8km az=171.0

ISC 03 01:09:46.3-0.6, 43.61N-0.07-139.6E-0.1, h231km, 7km,
n21, c0588/26, mb3.5/7, Eastern Sea of Japan

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include JSK, JSH, JHR, etc.

ROM 03 01:13:02.1-0.1, 44.66N-9.26E, h5km, MD2.4/3, ML1.6/4,
Error ellipse: s-maj=2.0km s-min=1.6km az=0.0
LDG 03 01:13:09.0-0.2, 44.26N-8.80E, h2km, M2.0/9, Error
ellipse: s-maj=4.7km s-min=3.5km az=90.0

ISC 03 01:13:02.0-0.7, 44.59N-0.04-9.26E-0.05, h5km, n13,
c156/28, 1C, Northern Italy

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include BOB, BOB, FIN, etc.

NIED 03 01:13:00.20.30N, 121.90E, h5km, Mw4.1 Best double
couple: M0.157x10^15 NP1q=173, delta 79, delta 87. NP2q=5,
delta 12, delta 102

MAN 03 01:13:29.1, 20.09N, 121.32E, h4km, mb3.9, ML2.7, MS2.4
IDC 03 01:13:33.4-5.8, 20.13N, 121.79E, h70km, 54km, mb3.6/4,
mb1 3.7/7, mb1mx3.5/17, ML3.9/1, MS3.4/3, Ms1 3.5/3,
ms1mx2.9/15, Error ellipse: s-maj=57.4km s-min=22.6km
az=68.0

ISC 03 01:13:29.3-6.3, 20.1N-0.2-121.7E-0.3, h45km, 67km, n9,
c0577/8, mb3.6/6, MS3.5/2, Philippine Islands region

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include JOW, JOW, CMAR, etc.

NIED 03 01:50:00.35.80N, 140.10E, h62km, Mw3.7 Best double
couple: M0.405x10^14 NP1q=250, delta 51, delta 124. NP2:
delta 17, delta 50, delta 57

JMA 03 01:50:02.4-0.2, 35.81N-140.08E, h64km, 2km, M3.3
Broadband fault plane solution: P waves. NP1q=122,
delta 37, delta 20. NP2q=228, delta 78, delta 125. Principal axes: T
Plg25, Azm345; NPlg34, Azm236; PPlg45, Azm103;
JMA Felt I J1

ISC 03 01:50:01.5-1.0, 35.74N-0.04-140.09E-0.06, h75km, 8km,
n13, c0582/24, 1C-6D, Near east coast of eastern

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include TOK, TOK, JCN, etc.

Table with 5 columns: JAG, JOD2, JOD2, BSO3, BSO3, etc. Rows include Odawara 2, Boso 3, Ryogami san, etc.

STR 03 01:58:49.8-0.5, 45.95N-2.86E, h5km, 1km, M1.6, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 03 01:58:49.5-0.1, 45.97N-2.81E, h2km, M1.9/3, M1.7/8,
Error ellipse: s-maj=0.9km s-min=0.7km az=92.0

ISC 03 01:58:48.5-0.5, 45.97N-0.02-2.81E-0.04, h2km, n14,
c0578/26, France

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include AGO, AGO, AGO, etc.

ISK 03 02:05:26.5, 36.87N-27.70E, h10km, MD3.4
NEIC 03 02:05:29.1, 36.92N-27.66E, h30km, MD3.2(ATH), After
ATH

ISC 03 02:05:28.3-0.6, 36.92N-0.03-27.66E-0.04, h19km, 5km,
n24, c059/36, 4C, Dodecanese Islands

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include BDRM, BDRM, BDRM, etc.

IDC 03 02:36:58.5-6.6, 6.50S, 129.91E, h91km, 65km, mb3.8/5,
s-maj=74.9km s-min=20.9km az=54.0
NEIC 03 02:37:01.1-0.7, 6.49S, 129.99E, h120km, mb4.1/1, Error
ellipse: s-maj=25.8km s-min=12.0km az=63.0

ISC 03 02:36:57.4-5.6, 6.5S-0.1, 129.9E-0.1, h104km, 45km, n13,
c0587/13, mb4.1/4, Banda Sea

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include FITZ, FITZ, WRA, etc.

NEIC 03 02:38:07.7, 36.78N-27.63E, h5km, MD3.2(ATH), After
ATH

ISC 03 02:38:07.4, 37.02N-27.77E, h8km, MD3.2
ATH 03 02:38:07.2, 36.82N-27.47E, h5km, MD3.2/5

ISC 03 02:38:06.0-0.7, 36.93N-0.03-27.72E-0.04, h3km, 6km,
n19, c101/26, 3C, Dodecanese Islands

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include BDRM, BDRM, MSLB, etc.

Table with 5 columns: YER, NISR, AYDN, ARG, ARG, etc. Rows include Nisiro, Tasuluk, Arkhangelos, etc.

IDC 03 03:38:39.1-8.7, 3.71S, 130.19E, h301km, 100km, mb3.2/2,
mb1 3.2/4, mb1mx3.1/11, Error ellipse: s-maj=58.1km
s-min=47.4km az=58.0, Tanibar Islands region

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include FITZ, FITZ, WRA, etc.

DJA 03 03:46:37.8-1.3, 9.53S, 113.44E, h30km, 70km, MD5.2/3,
ML3.3/2, 5C-1D, Error ellipse: s-maj=119.9km
s-min=27.9km az=20.0, South of Java

ISC 03 04:25:26.1-3.6, 7.41S, 128.50E, h144km, 34km, mb3.7/8,
mb1 3.8/11, mb1mx3.8/15, Error ellipse: s-maj=24.5km
s-min=14.6km az=64.0

ISC 03 04:25:19.4-3.1, 7.44S-0.08-128.3E-0.1, h99km, 31km,
n24, c190/23, mb4.3/14, Banda Sea

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include FITZ, FITZ, WRA, etc.

HLW 03 04:27:09.9, 23.64N-32.62E, h4km, Mb3.7, 3C-7D, Egypt

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include AKRL, AKRL, ANMR, etc.

NEIC 03 04:34:31.3-3.5, 4.66S, 153.25E, h61km, 26km, mb4.3/4,
Error ellipse: s-maj=30.1km s-min=17.4km az=65.0
IDC 03 04:34:34.4-8.1, 4.68S, 153.15E, h84km, 63km, mb3.8/3,
mb1 3.9/5, mb1mx3.6/14, ML3.3/2, MS3.5/1, Ms1 3.5/1,
ms1mx2.7/17, Error ellipse: s-maj=58.5km s-min=34.7km
az=74.0

ISC 03 04:34:30.2-4.8, 4.65S-0.2-153.2E-0.2, h61km, 37km, n13,
c0589/14, mb4.2/6, New Ireland region

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include PMG, PMG, PMG, etc.

NW Rodhos.
 ISK 03 05:33:41.3, 37.33N, 27.87E, h14km, MD4.3
 IDC 03 05:33:41.8, 1.5, 36.94N-27.60E, h47km, 15km, mb4.1/1R,
 mb1 4.2/26, mb1mxr4.1/32, ML3.9/8, MS3.9/14, MS1.9/34,
 ms1mx3.7/22, Error ellipse: s-maj=13.5km s-min=11.2km
 az=139.0

NSSC 03 05:33:54.3, 36.40N-29.07E, h40km
 ISC 03 05:33:70.5, 36.85N, 0.02-27.73E, 0.02, h12km, 3km,
 n296, s1921/352, mb4.5/57, MS4.0/15, 6C-8D, Dodecanese

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
BDRM	Kayabasi	0.31	314	iP	05 33 42.6	+0.2
BDRM	Milias	0.45	5	iPG	05 33 44.4	-0.5
MLSB	Milias	0.45	5	Pg	05 33 44.0	-0.9
MISR	Nisiros	0.54	244	iP	05 33 47.0	-1.9
ARG	Arkhangelos	0.71	153	ePN	05 33 51.0	-0.3
AYDN	Tsoulouk	0.82	8	iP	05 33 51.1	-0.4
AYDN	Samos	1.11	321	ePN	05 33 57.0	-0.1
SMG	Katirokoul	1.35	51	iP	05 34 01.1	+0.6
DZL	Karpathos	1.38	200	ePN	05 34 02.5	+1.6
KARP	Denizli	1.38	49	iPG	05 34 20.0	+2.9
DENT	Denizli	1.38	49	iPG	05 34 01.3	-2.0
DENT	Denizli	1.38	49	Pn	05 34 03.3	+1.4
DENT	Izmir	1.59	347	ePN	05 34 03.9	+0.5
KDAG	Bornova	1.60	347	iP	05 34 03.5	-0.6
KDAG	Kastellorizon	1.65	114	ePN	05 34 23.2	-1.5
KMLT	Ellmali	1.75	93	iPN	05 34 08.2	+3.4
ELL	Ellmali	1.75	93	iPN	05 34 11.4	+5.1
ELL	Ellmali	1.75	93	Pn	05 34 11.4	+5.1
MANT	Manisa	1.77	22	iS	05 34 06.6	+0.1
MANT	Apeiranthos	1.77	278	iPB	05 34 07.0	-0.7
APE	Santorini	1.89	256	ePN	05 34 08.9	+0.7
SANT	Thira Island	1.92	258	ePN	05 34 22.6	+0.5
THR3	Thira Island	1.94	256	ePN	05 34 10.0	+1.3
THR6	Thira Island	1.94	256	ePN	05 34 10.1	+1.2
THR5	Thira Island	1.96	258	ePN	05 34 10.3	+1.1
AKS	Akhisar	2.03	2	iPN	05 34 09.7	-0.5
KHL	Karahalli	2.05	44	Pn	05 34 11.2	+0.7
KHL	Karahalli	2.05	44	Pn	05 34 03.9	+0.5
KHL	Karahalli	2.05	44	Pn	05 34 11.9	+1.4
NPS	Neapolis	2.33	228	ePB	05 34 16.5	-0.8
ANTB	Antalya	2.35	88	ePN	05 34 19.4	+4.6
BCK	Bucak	2.37	74	Pn	05 34 18.9	+3.8
ISP	Isparta	2.43	65	Pn	05 34 17.5	+1.5
ISP	Isparta	2.43	65	Pn	05 34 21.8	+2.2
XRY	Khrisi	2.57	221	ePB	05 34 20.0	-1.4
PRK	Paraskevi	2.66	335	ePN	05 34 19.2	0.0
IDI	Anoyia	2.77	237	P	05 34 22.5	+1.6
IDI	Balikesir	2.79	2	ePN	05 35 01.3	+6.7
BALB	Balikesir	2.79	2	Pn	05 34 19.4	-1.7
BALB	Balikesir	2.79	2	Pn	05 34 20.6	-0.5
DST	Dursunbey	2.84	14	Pn	05 34 20.1	-1.8
DST	Dursunbey	2.84	14	Pn	05 34 21.9	+0.5
ALT	Altintas	2.90	40	ePN	05 34 22.4	-0.3
ALT	Altintas	2.90	40	Pn	05 34 23.5	+0.8
VAM	Vamos	3.20	244	ePB	05 34 30.5	-1.6
PTL	Penteli	3.30	292	ePN	05 34 29.0	+0.7
ORLT	Orhaneli	3.32	16	Pn	05 34 28.2	-0.5
ATH	Athens Observa	3.38	291	ePN	05 34 29.1	+0.5
MPAR	Parnis Oros	3.43	294	ePN	05 34 31.5	+1.3
KCT	Karacabey	3.45	8	ePN	05 34 29.0	-1.5
KCT	Karacabey	3.45	8	Pn	05 34 29.4	-1.1
ULDT	Uludag	3.47	18	iP	05 34 30.1	-0.7
ULDT	Uludag	3.47	18	iS	05 35 19.9	+7.5
EDT	Eidincik	3.50	2	Pn	05 34 29.1	-1.4
NAIG	Nisos Aigina	3.50	286	ePN	05 34 32.0	+0.8
BNT	Bandirma	3.51	2	ePN	05 34 29.9	-1.4
BNT	Bandirma	3.51	2	Pn	05 34 30.1	-1.2
NSAL	Nisos Salamina	3.55	289	ePN	05 34 33.0	+1.0
GVD	Gavdos	3.57	237	ePN	05 34 32.6	+0.6
LPK	Lapseki	3.60	348	ePN	05 34 31.9	-0.7
ESKT	Eskisehir	3.63	42	ePN	05 34 32.7	-0.3
ESKT	Eskisehir	3.63	42	iP	05 34 33.6	+0.6
ESKT	Eskisehir	3.63	42	iS	05 35 29.3	+1.3
ESKT	Eskisehir	3.63	42	Pn	05 34 33.4	+0.4
ESKT	Eskisehir	3.63	42	Pn	05 34 34.6	+0.3
LOS	Los	3.72	327	ePN	05 35 16.5	+0.3
LOS	Los	3.72	327	ePN	05 35 16.5	+0.3
MKBT	Kithairon Oros	3.79	292	ePN	05 34 36.8	+1.4
MDMT	Hadim	3.82	87	Pn	05 34 40.3	+4.6
KYTH	Kithira	3.82	263	ePN	05 34 36.5	+0.8
YELAI	Yelai	3.85	276	ePN	05 34 36.7	+0.7
KONT	Konya-Tatoy	3.85	72	ePN	05 34 38.2	+2.1
SART	Tekirdag	3.86	354	iP	05 34 34.5	-1.8
SART	Tekirdag	3.86	354	iS	05 35 38.0	+1.6
KIZT	Kizilcal	3.86	57	ePN	05 34 37.5	+1.2
KIZT	Kizilcal	3.86	57	Pn	05 34 38.3	+2.0
PHCY	Paphos	4.23	116	Pn	05 34 43.9	+1.9
ALN	Alexandroupoli	4.25	343	iP	05 34 41.1	-0.7
ALFC	Alevga	4.29	112	iP	05 34 43.6	+1.1
ALFC	Catalca	4.33	7	Pn	05 35 34.1	+1.0
CTT	Palouris	4.42	315	ePN	05 34 44.2	-0.1
PAIG	Palouris	4.42	315	ePN	05 34 44.2	-0.1
LEF	Lefka	4.53	111	Pn	05 34 50.6	+4.8
MUR	Mudurnu	4.53	36	Pn	05 34 46.2	+0.4
ODU	Oranopolis	4.55	321	ePN	05 34 46.2	+0.1
RDO	Rodhopi	4.62	304	ePN	05 34 46.5	-0.6
ITM	Ithomi	4.65	276	ePN	05 34 47.9	+1.9
ITM	Ithomi	4.65	276	Pn	05 34 50.5	+2.9
HENT	Hendeck	4.68	31	iP	05 34 47.5	-0.4
HENT	Hendeck	4.68	31	iS	05 35 49.0	+6.2
SZAC	Souni-Zanaja	4.68	115	P	05 34 48.7	+0.7
SZAC	Agios Georgios	4.79	299	ePN	05 35 44.3	+1.4
AGG	Agios Georgios	4.79	299	ePN	05 34 50.3	+0.8
IKL	Isikli	4.84	95	Pn	05 34 53.2	+3.0
CSS	Prodhromos	4.92	111	P	05 34 53.0	+1.6
CSS	Prodhromos	4.92	111	P	05 35 50.5	+1.5
CSS	Prodhromos	4.92	111	ePN	05 34 51.7	+0.3
ANTO	Ankara	5.00	51	ePN	05 34 52.9	+0.5
ANTO	Ankara	5.00	51	Pn	05 34 53.7	+1.3
SGKT	Sivrigonyuk	5.03	41	iP	05 34 54.0	+1.0
SGKT	Sivrigonyuk	5.03	41	Pn	05 35 57.6	+5.9
EDRB	Edirne	5.05	352	Pn	05 34 52.0	-1.2
EVR	Evrityania	5.12	296	ePN	05 34 56.5	+2.4
KDZ	Kurdzhali	5.12	340	iP	05 34 52.0	-2.2
SOH	Sokhos	5.24	321	ePN	05 34 56.1	+0.3
LIT	Litokhoron	5.24	310	ePN	05 34 56.2	+0.7
THE	Thessaloniki	5.30	317	ePN	05 34 57.3	+0.5
RZN	Rozhen	5.37	335	iP	05 34 57.0	-0.7
PHNC	Paralimni	5.44	108	P	05 35 02.0	+3.4
PHNC	Keskin Array B	5.47	56	P	05 35 06.4	+2.8
PHNC	Keskin Array B	5.47	56	P	05 35 00.1	+1.0
BRTR	Keskin Array B	5.47	56	P	05 36 06.0	+3.4
BRTR	Keskin Array B	5.47	56	P	05 37 37.5	
BRTR	Keskin Array B	5.47	56	P	05 35 00.1	+1.0
BRTR	Keskin Array B	5.47	56	P	05 36 06.1	+3.5
BRTR	Keskin Array B	5.47	56	P	05 36 06.1	+3.5
BRTR	Keskin Array B	5.47	56	P	05 36 06.1	+3.5
DIM	Dimitrovgrad	5.47	343	P	05 34 58.0	-1.1
MMB	Musomiste	5.66	328	iP	05 35 01.3	-0.5
KNT	Kendrikon	5.72	320	ePN	05 35 02.9	+0.3
KNT	Kendrikon	5.72	320	ePN	05 35 02.9	+0.3
PLD	Plodiv	5.75	337	P	05 35 02.7	-0.3
ELDT	Elvidiv	5.75	49	iP	05 35 03.9	+0.8
ELDT	Elvidiv	5.75	49	iS	05 35 23.9	
AVNT	Avonos	5.96	69	iP	05 35 07.5	+1.5
KKB	Krupnik	6.17	326	iP	05 35 08.5	-0.5
PGB	Panagyurishte	6.32	10	iP	05 35 10.0	+1.1
FNA	Florida	6.33	310	ePN	05 35 12.1	+0.9
BALT	Daday	6.42	41	iP	05 35 12.5	0.0
BALT	Daday	6.42	41	iS	05 37 06.5	-3.0
PVL	Pavlikeni	6.62	345	P	05 35 13.5	-1.9
CTKT	Corum	6.68	54	iP	05 35 17.9	+1.6
CTKT	Corum	6.68	54	iS	05 37 20.4	+2.1

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
VTS	Vitoshka	6.71	330	iP	05 35 16.2	-0.4
ARNB	Al Arnab	6.73	96	iP	05 35 15.8	-1.0
ARNB	Al Arnab	6.73	96	iS	05 35 15.8	-1.0
BTCH	Batrach	7.08	94	iP	05 35 21.7	+0.1
BTCH	Batrach	7.08	94	iS	05 35 21.4	-0.1
BHANN	Bhanness	7.11	112	ePN	05 35 24.4	-1.9
HQW	Hawqa	7.17	109	ePN	05 35 24.1	-1.7
HNTI	Hanita	7.17	119	Pn	05 35 24.0	+0.9
HNTI	Hanita	7.17	119	Pn	05 35 23.9	-0.1
DRWC	Darouich	7.18	89	iP	05 35 22.9	-0.4
DRWC	Darouich	7.18	89	iS	05 35 22.9	-0.4
OFER	Ofer	7.31	123	Pn	05 35 27.8	-1.8
HRI	Mount Hermon	7.47	116	Pn	05 35 29.9	+0.6
KSHT	Keshet	7.68	118	Pn	05 35 31.1	+0.9
QASN	Qassioun	7.74	113	iP	05 35 29.3	-1.7
HMDT	Nahal Hemdat	7.90	123	Pn	05 35 33.7	+0.5
KZIT	Kziot	8.11	195	Pn	05 35 35.2	-1.0
SVTA	Shivta	8.22	134	Pn	05 35 36.8	-1.0
DRGI	Drago	8.23	127	Pn	05 35 37.2	-0.7
MZDA	Masada	8.40	129	Pn	05 35 39.9	-0.3
MZDA	Masada	8.40	129	Pn	05 37 08.1	-7.9
MLR	Muntele Rosu	8.74	352	eP	05 35 45.0	+0.1
ZFRI	Zifran	8.82	133	Pn	05 35 44.8	-1.3
PRNI	Prinari	8.87	135	Pn	05 35 45.1	-1.7
PRNI	Prinari	8.87	135	Pn	05 37 19.3	+8.5

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like NPS Neapolis, BCK Bucak, HDMB Hadim.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like USHA Ushuaia, PPT Papeete, PPT PPT.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like PET Petropavlovsk, PET PET, PET PET.

ISK 03 11:53:06.4, 36.92N-27.61E, h11km, MD3.8, ML3.9
IDC 03 11:53:06.9, 1.1, 36.86N-27.85E, mb3.7/3, mb1 3.8/8,
mb1mx3.6/23, ML3.6/5, MS2.9/3, Ms1 2.9/3, ms1mx2.6/25,
Error ellipse: s-maj=23.7km s-min=13.7km az=153.3,
NEIC 03 11:53:08.0, 36.90N-27.69E, h22km, MD3.8(ATH), After
ATH.

WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33
CPUP Villa Florida 75.09 119 P P
CPUP comp-Z,585nm,21.1s,MS4.9,baz=218,slow=32
LPAZ La Paz 79.52 105 P P
LPAZ La Paz 79.52 105 P P

PET comp-Z,13nm,0.8s,mb4.3 pmax pmax
PET comp-Z,30nm,12s,14s pmax pmax
PET comp-Z,40nm,19,19s pmax pmax
PET comp-E,100nm,16.2s MLR MLR

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like BDRM Kayabasi, MLSB Milas, MLSB MLSB.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like NISR Nisiros, ARG Arhangelos, AYDN Tasoluk.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like KSL Kastellorizon, APE Apeiranthos, MANT Manisa.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like ELL Elmalı, SANT Santorini, AKS Akhisar.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like ALT Altintas, ULDT Uludag, ULDT ULDT.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like LDK Lapseki, MRMT Marmara Adasi, MKIT Kithairon Oros.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like VLI Veliaı, HDMB Hadim, KIZT Kizilcalak.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like IKL Isikli, CSS Prodromos, RZN Rozhen.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WRA comp-Z,590nm,19.1s,MS4.7,baz=155,slow=33, CPUP Villa Florida.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like XAN Xian, ENH Enshi, MA2 Magadan.

IDC 03 12:13:47.3, 12.0, 18.40S, 177.87W, h545km, 119km,
mb3.1/4, mb1 3.3/4, mb1mx3.1/15, Error ellipse:
s-maj=130.0km s-min=42.6km az=129.0
ISC 03 12:13:47.3, 6.1, 18.35S, 0.8, 178.0W, 0.7, h550km, n5,
mb053/4, mb3.6/4, Fiji Islands region

MOS 03 12:29:54.2, 1.0, 34.63N, 139.52E, h51km, mb4.7/15, Error
ellipse: s-maj=18.0km s-min=9.3km az=89.8
NIED 03 12:30:00, 34.70N, 139.70E, h98km, Mw4.6 Best double
couple: M1.05x1016 NP1.0s, 178.8, 179.7. NP2.0s, 42.2,
delta 17.8, 133.3
BUI 03 12:30:00, 7.4, 30.60N, 139.50E, h114km, mb4.5, mb4.6
JMA 03 12:30:01, 6.0, 1.4, 34.69N, 139.68E, h106km, 1km, M4.5,
Broadband fault plane solution: P waves. NP1.0s, 32.2, delta 24.2,
1.9, NP2.0s, 20.2, 3.6, 1.66. Principal axes: T, P, G69,
Azim104, N, N194, Azm204, P, P192, Azm295;

JMA Felt J1
NEIC 12 30:02 8.0, 6.3, 34.58N, 139.49E, h115km, 5km, mb4.8/2,
MW4.7(NIED) Error ellipse: s-maj=5.7km s-min=4.3km
az=133.0
NEIC Recorded [1 JMA] in Chiba, Kanagawa, Saitama and
Tokyo Prefectures. Also recorded [1 JMA] on Hachijo-jima,
Mikura-jima and Miyake-jima.
IDC 03 12:30:02.0, 3.0, 34.63N, 139.55E, h110km, 9km, mb4.3/22,
mb1 4.4/25, mb1mx4.4/27, MS3.5/3, Ms1 3.5/3,
ms1mx2.7/30, Error ellipse: s-maj=13.1km s-min=11.2km
az=92.0

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like Code Station Name, Azimuth, Elevation, and other parameters.

IDC 03 12:13:47.3, 12.0, 18.40S, 177.87W, h545km, 119km,
mb3.1/4, mb1 3.3/4, mb1mx3.1/15, Error ellipse:
s-maj=130.0km s-min=42.6km az=129.0
ISC 03 12:13:47.3, 6.1, 18.35S, 0.8, 178.0W, 0.7, h550km, n5,
mb053/4, mb3.6/4, Fiji Islands region

MOS 03 12:29:54.2, 1.0, 34.63N, 139.52E, h51km, mb4.7/15, Error
ellipse: s-maj=18.0km s-min=9.3km az=89.8
NIED 03 12:30:00, 34.70N, 139.70E, h98km, Mw4.6 Best double
couple: M1.05x1016 NP1.0s, 178.8, 179.7. NP2.0s, 42.2,
delta 17.8, 133.3
BUI 03 12:30:00, 7.4, 30.60N, 139.50E, h114km, mb4.5, mb4.6
JMA 03 12:30:01, 6.0, 1.4, 34.69N, 139.68E, h106km, 1km, M4.5,
Broadband fault plane solution: P waves. NP1.0s, 32.2, delta 24.2,
1.9, NP2.0s, 20.2, 3.6, 1.66. Principal axes: T, P, G69,
Azim104, N, N194, Azm204, P, P192, Azm295;

JMA Felt J1
NEIC 12 30:02 8.0, 6.3, 34.58N, 139.49E, h115km, 5km, mb4.8/2,
MW4.7(NIED) Error ellipse: s-maj=5.7km s-min=4.3km
az=133.0
NEIC Recorded [1 JMA] in Chiba, Kanagawa, Saitama and
Tokyo Prefectures. Also recorded [1 JMA] on Hachijo-jima,
Mikura-jima and Miyake-jima.
IDC 03 12:30:02.0, 3.0, 34.63N, 139.55E, h110km, 9km, mb4.3/22,
mb1 4.4/25, mb1mx4.4/27, MS3.5/3, Ms1 3.5/3,
ms1mx2.7/30, Error ellipse: s-maj=13.1km s-min=11.2km
az=92.0

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like Code Station Name, Azimuth, Elevation, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, XAN, CHG, XAN, CN2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, PDAR, FINES, AKASG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP 03, JMA 03, LDG 03, CDF, etc.

ellip: s-maj=10.4km s-min=6.2km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WHZ, DCZ, DCZ, MLZ, TUZ, AXZ, ODZ.

TAP 03 22:37:07.3, 24.27N, 122.61E, h30km, ML2.7 JMA 03 22:37:07.2, 24.44N, 122.57E, h50km, 2km

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like YOJ, YOF, IRIF, HATJ, JKRS, JIJ, JTJ.

NEIC 03 23:04:55.5, 0.81, 51.60N, 16.20E, h5km, ML2.8(VIE), Error ellip: s-maj=11.3km s-min=7.3km az=61.0

PRU 03 23:04:57.5, 0.1, 45N, 16.10E

WAR 03 23:04:57.3, 0.1, 50N, 16.09E, ML2.8, Mining Induced

ISC 03 23:04:54.5, 0.5, 51.50N, 0.03, 16.07E, 0.04, n18, 0.1920/39, 2C, Poland

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KSP, DPC, PVCC, PRU, GKP, CLL, MORC, OKC, OJC, QJC, MOX, BSD, MOA, ARSA, KWP.

ISC 03 23:29:49.4, 3.6, 5.70S, 102.60E, mb3.9/6, mb1 4.0/6, mb1mx3.8/15, Error ellip: s-maj=152.0km s-min=19.7km az=57.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like CMAR, WRA, ASAR, STKA, SONM, MKAR, TXAR.

STR 03 23:30:30.8, 0.1, 42.74N, 0.58E, h5km, 1km, ML2.1, Error ellip: s-maj=0.0km s-min=0.0km az=1.0

MDD 03 23:30:31.3, 0.4, 42.75N, 0.58E, h11km, 1km, mblg1.2/5, Error ellip: s-maj=4.3km s-min=2.0km az=4.0, PRXIMO

LDG 03 23:30:31.0, 0.1, 42.73N, 0.58E, h2km, Md1.7/2, M1.5/3, Error ellip: s-maj=3.3km s-min=1.1km az=177.0

ISC 03 23:30:29.7, 0.6, 42.71N, 0.04, 0.57E, 0.03, h11km, n16, 0.898/24, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like RESF, MELF, ESAR, VIEF, SALF, ESAT, ESAC, MTLF, SJPF, EPOB, EALK.

Table with columns: EALK, Lg, Time, Res, ISC. Includes station CAE Calvic.

NEIC 03 23:35:57.6, 44.51N, 8.74E, h0km, ML2.6(GEN), ML2.6(STR), ML2.6(LDG), After GEN.

ROM 03 23:35:57.2, 0.1, 44.49N, 8.70E, h5km, MD2.5/6, ML1.8/4, Error ellip: s-maj=1.6km s-min=1.0km az=0.0

LDG 03 23:35:58.5, 0.2, 44.42N, 8.81E, h2km, ML2.6/17, Error ellip: s-maj=3.5km s-min=2.0km az=110.0

STR 03 23:36:00.1, 0.4, 44.60N, 8.54E, h10km, 1km, M12.6, Error ellip: s-maj=0.0km s-min=0.0km az=1.0

ISC 03 23:35:57.4, 0.4, 44.50N, 0.02, 8.72E, 0.02, h9km, 3km, n51, 0.1903/93, 2C, Northern Italy

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like FIN, BOB, ROR, MONE, CODM, IMI, GRAM, NEGI, SAOF, BACM, ANNA, L'AUTION, VINC, VALM, SOSP, TOUF, AURIE, EREMO, TRAV, REV, ORO, SARO, MONT, MONT, FENE, GSCL, MAIM, MBDF, BDI, CALN, CALN, PII, LPL, LPL, FRF, PGF, LMR, ORIF, TAVF, VILLEM, SMRF, CABF, HINF, HAU, CDF, SMF, LOR, AVF, SSS, BGF, MTF, TCF, ROM, LDG, ISC.

Table with columns: MBDF, Time, Res, ISC. Includes stations like La Foret Royal, La Plagne, La Plagne, Pioggia, La Moure, Oris-en-Rattie, Simiane la Rot.

BGR 03 23:38:01.7, 0.3, 47.67N, 11.98E, h10km, ML2.0/5, Error ellip: s-maj=4.4km s-min=2.2km az=128.0

PRU 03 23:38:02.6, 47.72N, 11.94E

ISC 03 23:37:59.8, 0.4, 47.70N, 0.02, 12.00E, 0.03, h10km, n22, 0.090/37, 7C-2D, Austria

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WATA, WTTA, WTTA, WTTA, FUR, MOTA, SQT, NORI, DAVA, DAVA, DAVA, MOA, MOA, WET, WET, GEC, KHC, OBKA, OBKA, ARSA, ARSA, MOX, CLL, DPC.

NEIC 03 23:42:44.4, 35.70N, 9.97W, h79km, MG2.9(MDD), After MDD.

MDD 03 23:42:46.1, 5.3, 36.03N, 9.60W, mb3.4/6, Error ellip: s-maj=54.8km s-min=34.1km az=90.0, PRXIMO

INMG 03 23:42:45.3, 0.8, 35.71N, 9.97W, h58km, 25km, ML1.8, Error ellip: s-maj=8.0km s-min=4.7km az=90.0, West of Gibraltar

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Sao Teotónio, Sao Teotónio, Alcoutim, Alcoutim, EGRO, EGRO, PBEJ, PBEJ, MOE, PLOU, PLOU, EMIN, ESPR, EBAD, EBAD, EADA, EADA, ESDC.

NEIC 03 23:57:51.3, 38.92N, 20.56E, h5km, MD3.4(ATH), After ATH.

ATH 03 23:57:51.3, 38.92N, 20.56E, h5km, MD3.4/5

THE 03 23:57:52.8, 38.94N, 20.60E, h10km, ML3.2

ISC 03 23:57:51.1, 0.7, 38.88N, 0.04, 20.52E, 0.06, h10km, n16, 0.1913/22, Greece

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LKD, IGT, VLS, JAN, KEK, EVR, MEV, SRN.

Table of flight arrivals and departures for various airlines and destinations, including codes like JW, EDM, RMW, etc., and times.

Table of flight arrivals and departures for various airlines and destinations, including codes like JOF, FINES, FINES, etc., and times.

Table of flight arrivals and departures for various airlines and destinations, including codes like LZH, LZH, LZH, etc., and times.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SDI San Donato, VENT Ventotene, MTGR Montagna Grand, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSP e, KSP eS, PRU Pruhonice, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOX Moxa, MOX MOX, STUTTGART Stuttgart, etc.

NAMS	An Nimas	21.68 140	P	P	03 06 02.5 +3.6
WIT	Witteveen	21.76 324	eP	P	03 05 59.6 +0.1
WIT	comp=Z,57nm,1.3s,mb4.8				
WIT	comp=Z,174nm,1.1s		i x	x	03 06 01.8
RESF	Ens	21.84 294	eP	P	03 06 00.6 +0.3
EPF	Esparrros	21.87 295	eP	P	03 05 58.7 -1.9
LEF	La Frestale	21.91 300	eP	P	03 05 59.8 -1.1
HASS	comp=Z,210nm,1.3s,mb5.1				
TATS	Tathliih	22.03 117	P	P	03 06 05.7 +3.4
VIEF	View	22.08 294	eP	P	03 06 02.3 -0.4
EBEN	Beniarda	22.18 283	P	P	03 06 02.6 -1.1
EMOS	Mosqueruela	22.31 288	P	P	03 06 04.5 -0.5
ESAC	San Caprasio	22.35 291	P	P	03 06 05.6 +0.3
PECR	Pechory	22.37 24	eP	P	03 06 07.4 +1.9
PECR	comp=Z,14nm,0.9s,mb4.5		eS	S	03 10 15.4 +9.0
PECR	comp=Z,1um,7.0s		SS	SS	03 11 07.6 +21
PECR	comp=N,2um,8.0s			pmax	pmax
PECR	comp=N,8um,12.8s			smax	smax
PECR	comp=Z,3um,11.0s,MS5.0			MLR	MLR
REYF	Montagne du Re	22.41 295	eP	P	03 06 06.5 +0.6
DFAD	Les Forges d'A	22.51 294	eP	P	03 06 09.7 +2.8
ETSF	Etsaut	22.51 294	eP	P	03 06 07.2 +0.3
LARF	Larrai	22.64 295	eP	P	03 06 10.9 +0.8
MFF	Saint Martin d	22.90 304	eP	P	03 06 09.8 -1.0
PUL	Pulkovo	23.01	30eP	S	03 06 13.2 +1.6
PUL	comp=Z,357nm,1.0s,mb5.8		eS	S	03 10 20.3 +2.7
PUL	comp=N,994nm,1.3s			pmax	pmax
PUL	comp=E,126nm,0.6s			pmax	pmax
PUL	comp=Z,452nm,1.1s,mb5.8			pmax	pmax
PUL	comp=N,1um,1.4s			pmax	pmax
PUL	comp=E,95nm,0.5s			smax	smax
PUL	comp=N,7um,13.7s			smax	smax
PUL	comp=Z,4um,14.8s			smax	smax
PUL	comp=N,3um,12.0s,MS5.1			MLR	MLR
PUL	comp=E,4um,15.6s			MLR	MLR
PUL	comp=N,3um,12.0s,MS5.1			MLR	MLR
PUL	comp=Z,4um,12.0s,MS5.0			MLR	MLR
SJPF	Ste Jean	23.02 295	eP	P	03 06 12.6 +0.7
EMUR	La Murta	23.05 281	P	P	03 06 12.4 +0.1
OSSF	Osses	23.06 295	eP	P	03 06 12.6 +0.3
ETOB	Tobarra	23.21 283	P	P	03 06 16.1 +2.3
EALK	Alkurruntz	23.23 295	P	P	03 06 14.6 +0.6
MUD	comp=Z,14nm,1.8s,mb5.0				
MUD	Monsted Ugrnd	23.27 333	iP	S	03 06 16.8 +2.6
LD	La Druitiere	23.48 309	eP	S	03 10 30.8 +8.5
LD	comp=Z,703nm,1.5s,mb5.6				
ETOR	Torete	23.52 289	P	P	03 06 18.2 +1.5
DJNS	Zahran al Janu	23.59 140	P	P	03 06 24.9 +7.1
FLN	La Foliniere	23.77 309	eP	P	03 06 18.2 -0.9
FLN	comp=Z,405nm,1.0s,mb5.5		eR		
GRR	comp=Z,7um,22.2s				
ECRI	Gorron	23.88 308	eP	P	03 06 20.1 -0.1
ECRI	Cripan	23.91 293	P	P	03 06 21.7 +1.0
EVIA	Viano	23.96 284	P	P	03 06 22.0 +0.9
EQES	Quesada	24.49 282	P	P	03 06 27.5 +1.1
FINES	FINESS Array B	24.65 358	P	P	03 06 26.4 -1.2
FINES	comp=Z,36nm,0.7s,mb5.0,baz=158,slo=10,SNR=107		LR	LR	03 17 43.2
FINES	FINESS Array B	24.65 358	P	P	03 06 26.4 -1.2
FINES	comp=Z,2um,19.8s,MS4.5,baz=350,slo=41				
FINES	FINESS Array B	24.65 358	P	P	03 06 26.4 -1.2
FINES	comp=Z,36nm,0.7s				
FINES	FINESS Array B	24.65 358	P	P	03 06 26.4 -1.2
FINES	comp=Z,2um,19.8s				
FINES	FINESS Array B	24.65 358	P	P	03 06 26.4 -1.2
FINES	comp=Z,141nm,1.1s,mb5.1				
JOE	Queens East	24.88 309	eP	P	03 06 28.7 -1.2
JRS	Jersey	24.91 309	eP	P	03 06 28.9 -1.3
JRS	comp=Z,251nm,2.0s,mb5.4				
SGMF	Saint Gilles	24.92 307	eP	P	03 06 29.6 -0.8
JLP	Les Platons	24.93 309	eP	P	03 06 29.0 -1.4
JLP	comp=Z,210nm,1.0s,mb5.3				
JVM	Valle D.L. Mar	24.99 309	eP	P	03 06 29.6 -1.3
JVM	comp=Z,228nm,1.7s,mb5.4				
HFS	Hagfors	25.00 343	P	P	03 06 29.6 -1.4
HFS	comp=Z,120nm,1.7s,mb5.2				
HFS	Hagfors	25.00 343	P	P	03 06 29.6 -1.4
HFS	comp=Z,36nm,0.8s,mb5.0,baz=158,slo=8.0,SNR=60				
HFS	Hagfors	25.00 343	P	P	03 06 29.6 -1.4
HFS	comp=Z,36nm,0.8s				
ESDC	Sonsea Array	25.01 286	P	P	03 06 31.1 -0.2
ESDC	comp=Z,36nm,0.8s,mb5.0,baz=81,slo=9.3,SNR=91		LR	LR	03 16 02.2
ESDC	Sonsea Array	25.01 286	P	P	03 06 30.6 -0.7
ESDC	comp=Z,70nm,0.8s,mb5.2				
ERON	Agron	25.18 280	P	P	03 06 33.7 +0.7
QUIF	Quistinic	25.23 306	eP	P	03 06 32.2 -1.0
ROSF	Rostrenen	25.41 307	eP	P	03 06 33.5 -1.4
ELOJ	Sierra Loja	25.44 280	P	P	03 06 34.7 -0.6
ELOJ	comp=Z,141nm,1.1s,mb5.1				
ELUO	Luque	25.47 281	P	P	03 06 35.2 -0.4
EADA	Adamuz	25.63 283	P	P	03 06 36.2 -0.9
KONO	Kongsberg	25.66 339	eP	Px	03 07 10.9
KONO	comp=Z,172nm,2.0s,mb5.2		AMB	AMB	03 07 30.2
KONO	comp=Z,3um,20.9s,MS4.8				
KONO	Kongsberg	25.66 339	PFAKE	LR	03 06 50.0 +13
JOF	Joensbo	26.20	4	P	03 06 40.7 -1.5
AB31	Akbulak array	26.38 52	iP	P	03 06 43.6 -0.3
AB31	comp=Z,21nm,0.9s,mb4.7				
NB2	NORSAR Subarra	26.39 342	P	P	03 06 42.3 -1.7
NB2	comp=Z,34nm,1.2s,mb4.9,baz=145,slo=9.3				
NOA	NORSAR Array B	26.39 342	P	P	03 06 41.8 -2.2
NOA	comp=Z,6.9nm,0.7s,mb4.3,baz=145,slo=9.7,SNR=31		LR	LR	03 18 39.9
NOA	NORSAR Array B	26.39 342	P	P	03 06 41.8 -2.2
NOA	comp=Z,7.0nm,0.7s				
NOA	comp=Z,1um,20.0s				
BL5S	Blasjo	26.47 335	iP	P	03 06 44.9 +0.2

BL5S	comp=Z,50nm,1.5s,mb4.8				
BL5S	Blasjo	26.47 335	eP	P	03 06 44.9 +0.5
BL5S	comp=Z,50nm,1.5s,mb4.8				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 46.9 -0.1
ODDI	comp=Z,54nm,1.3s,mb4.9				
ODDI	Odda	26.73 334	eP	P	03 06 47.1 -0.5
ODDI	comp=Z,54nm,1.2s,mb4.9				

FFC	Flin Flon	79.12 333	eP	P	03 13 10.0	-1.8
FFC	comp-Z, 1.2nm, 0.9s, mb4.8					
MCK	McKinley	79.74 359	eP	P	03 13 14.3	-0.7
MCK	comp-Z, 33nm, 1.2s, mb5.1					
THY	Trims Highway	79.357	eP	P	03 13 15.8	-0.3
ULM	Lac du Bonnet	80.08 327	P	P	03 13 15.9	-1.2
ULM	comp-Z, 1.2nm, 0.7s, mb4.9, baz=40, slow=4.3, SNR=19					
ULM	comp-Z, 2.2nm, 20.0s, MS5.4, baz=57, slow=36					
ULM	Lac du Bonnet	80.08 327	eP	P	03 13 14.9	-2.1
ULM	comp-Z, 2.6nm, 1.0s, mb5.1					
JNU	Nakatsue	80.10 56	LR	LR	03 05 43.6	
BLA	Blacksburg	80.82 310	PFAKE	LR	03 13 30.0	+8.7
FWV	Forest Hill	80.83 310	eP	P	03 13 20.8	-0.5
PET	Petrovavlovsk	80.88 28	e	P	03 13 16.7	-4.5
PET	comp-Z, 2.00nm, 6.1s					
PET	comp-Z, 1.2nm, 20.0s, MS5.2					
PET	Petrovavlovsk	80.88 28	PFAKE	LR	03 13 30.0	+8.8
PET	comp-Z, 1.2nm, 22.0s, MS5.2					
SML	Sawmill	81.65 358	eP	P	03 13 24.8	-0.3
PMR	Palmer	81.89 359	eP	P	03 13 25.8	-0.5
PMR	comp-Z, 5.9nm, 1.1s, mb5.4					
PMR	Palmer	81.89 359	eP	P	03 13 26.1	-0.2
JOW	Kunigami	82.11 62	LR	LR	03 03 42.4	
DIV	Divide	82.24 357	eP	P	03 13 28.4	+0.3
SPU	Mount Spurr	82.33 360	eP	P	03 13 28.0	-0.7
FIB	Fire Island	82.33 359	eP	P	03 13 29.1	+0.4
SVV	Sparrevohn	82.36 2	eP	P	03 13 29.3	+0.5
SJG	San Juan	82.40 287	PFAKE	LR	03 13 40.0	+1.0
MAJO	Matsushiro	82.63 50	eP	P	03 13 29.7	-1.0
MAJO	comp-Z, 1.0nm, 0.8s, mb4.9					
MAT	Matsushiro	82.63 50	P	P	03 13 30.7	0.0
MAT	comp-Z, 6.24nm, 20.0s, MS5.0					
MAT	Matsushiro	82.63 50	P	P	03 13 31.0	+0.3
MAT	comp-Z, 7.0nm, 1.0s, mb4.7					
MAT	comp-Z, 7.0nm, 1.0s, mb4.7					
JFWS	Jewell Farm	82.64 319	eP	P	03 13 29.4	-1.2
JFWS	comp-Z, 1.3nm, 0.8s, mb5.0					
JFWS	Jewell Farm	82.64 319	eP	P	03 13 29.4	-1.2
JFWS	comp-Z, 1.3nm, 0.8s, mb5.0					
JFWS	Jewell Farm	82.64 319	eP	P	03 13 43.6	
JFWS	comp-Z, 4.58nm, 20.0s, MS4.8					
EYAK	Cordova Ski Ar	82.82 357	eP	P	03 13 31.3	+0.1
SLKM	Skilak Lake	82.99 359	eP	P	03 13 30.7	-1.4
RSO	Redoubt South	83.05 0	eP	P	03 13 30.6	-1.8
BLO	Bloomington	83.17 314	eP	P	03 13 33.0	-0.4
BLO	comp-Z, 5.8nm, 1.1s, mb5.5					
BLO	Bloomington	83.17 314	eP	P	03 13 33.0	-0.4
BLO	comp-Z, 5.8nm, 1.1s, mb5.5					
MGP	Magway	83.18 287	eP	P	03 13 34.4	+0.5
NHSC	New Hope	83.28 306	PFAKE	LR	03 13 50.0	+1.6
DLBG	Dease Lake	83.28 348	eP	P	03 13 34.4	+0.8
TGY	Tagaytay City	84.17 77	LR	LR	03 03 57.30	
CPCT	Cooper Cave	84.48 311	eP	P	03 13 40.3	+0.1
DGMT	Dagmar	84.92 330	PFAKE	LR	03 13 50.0	+8.0
DGMT	comp-Z, 9.54nm, 21.0s, MS5.2					
SIT	Sitka	85.38 351	PFAKE	LR	03 14 00.0	+1.6
SIT	comp-Z, 1.2nm, 22.0s, MS5.3					
SWET	Sewanee	85.49 311	eP	P	03 13 44.8	-0.4
SLM	Saint Louis	85.63 316	eP	P	03 13 45.8	0.0
SLM	comp-Z, 7.6nm, 1.3s, mb5.8					
SLM	Saint Louis	85.63 316	eP	P	03 13 45.8	0.0
SLM	comp-Z, 7.6nm, 1.3s, mb5.8					
FX1	Attu Island-F	85.72 20	eP	P	03 13 45.7	-0.2
KDAK	Kodiak Island	85.74 0	eP	P	03 13 46.3	+0.4
KDAK	comp-Z, 2.6nm, 0.9s, mb5.5					
KDAK	comp-Z, 1.67nm, 21.0s, MS4.4					
JHJ	Hachiojima 2	85.86 51	LR	LR	03 04 21.4	
SMY	Shemya	86.11 20	PFAKE	LR	03 14 00.0	+1.2
SMY	comp-Z, 5.10nm, 19.5s, MS4.9, baz=288, slow=37					
FVM	French Village	86.20 316	eP	P	03 13 47.6	-1.0
FVM	comp-Z, 3.3nm, 1.0s, mb5.5					
FVM	French Village	86.20 316	eP	P	03 13 47.6	-1.1
FVM	comp-Z, 3.3nm, 1.0s, mb5.5					
CCM	Cathedral Cave	86.60 316	eP	P	03 13 49.8	-0.8
CCM	comp-Z, 4.0nm, 0.8s, mb5.7					
PLAL	Pickwick Lake	86.93 312	eP	P	03 13 49.5	-2.9
PLAL	comp-Z, 3.5nm, 1.0s, mb5.5					
LAO	LASA Array	87.17 330	eP	P	03 13 53.1	-0.1
LAO	comp-Z, 3.3nm, 1.0s, mb5.5					
LRAL	Lakeview Retre	89.62 310	eP	P	03 13 54.1	-1.6
LRAL	comp-Z, 3.8nm, 0.9s, mb5.6					
OXF	Oxford	89.65 313	PFAKE	LR	03 14 10.0	+1.2
OXF	comp-Z, 2.2nm, 22.0s, MS5.4					
BDFB	Brasilia	88.29 249	P	P	03 14 00.8	+1.6
BDFB	comp-Z, 3.3nm, 0.8s, mb5.6, baz=52, slow=5.2, SNR=39					
BDFB	Brasilia	88.29 249	P	P	03 14 00.8	+1.6
BDFB	comp-Z, 3.3nm, 0.8s					
BDFB	Brasilia	88.29 249	P	P	03 14 00.8	+1.6
BDFB	comp-Z, 3.3nm, 0.8s					
UNV	Unalaska Valle	88.85 8	PFAKE	LR	03 14 10.0	+9.0
UNV	comp-Z, 2.2nm, 22.0s, MS5.6					
HRH	Holter Researc	89.27 334	eP	P	03 14 02.7	-0.6
UALR	University of	89.56 315	P	P	03 14 04.3	-0.6
CHMT	Chamberlain Mo	89.60 334	eP	P	03 14 03.9	-0.9
NEW	Newport	89.68 337	eP	P	03 14 04.5	-0.6
NEW	comp-Z, 3.4nm, 0.8s, mb4.7					
MSO	Missoula	89.91 335	eP	P	03 14 05.5	-0.7
MSO	comp-Z, 1.5nm, 0.7s, mb4.4					
BOZ	Bozeman (W)	90.11 333	eP	P	03 14 06.6	-0.6
BOZ	comp-Z, 3.5nm, 0.7s, mb4.8					
DPW	Davenport	90.36 338	eP	P	03 14 07.9	-0.4
MIAR	Mount Ida	90.43 315	eP	P	03 14 08.6	-0.3
MIAR	comp-Z, 3.9nm, 1.0s, mb5.7					
CBKS	Cedar Bluff	90.51 322	PFAKE	LR	03 14 20.0	+1.1
CBKS	comp-Z, 1.2nm, 20.0s, MS5.3					
YMR	Madison River	90.69 332	P	P	03 14 07.7	-2.2
YMR	comp-Z, 1.2nm, 20.0s, MS5.4					

MCMT	McKenzie Canyo	91.25 333	eP	P	03 14 12.5	+0.1
SDV	Santo Domingo	91.39 282	eP	P	03 14 13.8	0.0
SDV	comp-Z, 2.15nm, 19.0s, MS4.6					
CBJ	Chichi jima	91.44 54	LR	LR	03 09 20.6	
BW06	Boulder Array	91.75 330	P	P	03 14 30.0	+1.5
BW06	comp-Z, 5.68nm, 20.2s, MS5.0, baz=290, slow=38					
PDAR	Pinedale Array	91.75 330	P	P	03 14 13.4	-1.3
PDAR	comp-Z, 1.8nm, 1.1s, mb4.3, baz=60, slow=5.7, SNR=9.4					
HAWA	Hanford	92.09 338	PFAKE	LR	03 14 30.0	+1.4
HAWA	comp-Z, 1.1nm, 19.0s, MS5.4					
OCWA	Octopus Mounta	92.14 341	PFAKE	LR	03 14 30.0	+1.4
OCWA	comp-Z, 1.2nm, 20.0s, MS5.4					
AHID	Auburn Hatcher	92.36 331	PFAKE	LR	03 14 30.0	+1.2
AHID	comp-Z, 5.53nm, 20.0s, MS5.0					
ISCO	Idaho Springs	92.52 326	PFAKE	LR	03 14 30.0	+1.2
ISCO	comp-Z, 1.2nm, 21.0s, MS5.4					
HLID	Hailey	92.91 333	P	P	03 14 21.1	+1.0
HLID	comp-Z, 0.9nm, 0.7s, mb4.3					
NATX	Nacogdoches	93.08 314	PFAKE	LR	03 14 30.0	+8.8
NATX	comp-Z, 2.2nm, 21.0s, MS5.5					
WMOK	Wichita Mounta	93.14 319	eP	P	03 14 18.9	-2.5
WMOK	comp-Z, 1.0nm, 1.0s, mb5.2					
WMOK	comp-Z, 8.81nm, 20.0s, MS5.2					
HWUT	Hardware Ranch	93.53 331	eP	P	03 14 21.5	-1.5
HWUT	comp-Z, 3.9nm, 0.8s, mb4.9					
HWUT	comp-Z, 1.2nm, 19.0s, MS5.3					
SDCO	Great Sand D	94.13 325	eP	P	03 14 24.8	-1.1
SDCO	comp-Z, 2.2nm, 0.9s, mb4.7					
JLU	Jordanelle	94.33 330	eP	P	03 14 25.7	-1.0
COR	Corvallis	94.83 340	PFAKE	LR	03 14 40.0	+1.1
COR	comp-Z, 2.10nm, 20.0s, MS4.6					
HKT	Hockley	95.10 313	PFAKE	LR	03 14 40.0	+9.5
HKT	comp-Z, 2.76nm, 22.0s, MS4.7					
DUG	Dugway	95.22 331	PFAKE	LR	03 14 40.0	+9.2
DUG	comp-Z, 9.98nm, 19.0s, MS5.3					
WVOR	Wild Horse Val	95.36 336	PFAKE	LR	03 14 40.0	+8.6
WVOR	comp-Z, 2.2nm, 21.0s, MS5.5					
SAML	Samuel	95.05 263	eP	P	03 14 34.7	-0.6
MOD	Modoc	96.37 337	PFAKE	LR	03 14 50.0	+1.4
MOD	comp-Z, 3.9nm, 1.1s, mb4.8					
MVU	Marysvala	96.43 329	PFAKE	LR	03 14 50.0	+1.4
MVU	comp-Z, 1.2nm, 21.0s, MS5.4					
BMN	Battle Mountai	96.66 334	PFAKE	LR	03 14 50.0	+1.3
BMN	comp-Z, 1.2nm, 21.0s, MS5.4					
JCT	Junction City	96.95 316	PFAKE	LR	03 14 50.0	+1.1
JCT	comp-Z, 8.49nm, 20.0s, MS5.2					
TPH	Tonopah	97.74 333	PFAKE	LR	03 15 00.0	+1.3
TPH	comp-Z, 7.46nm, 19.0s, MS5.2					
MNV	Mina	97.77 334	PFAKE	LR	03 15 00.0	+1.3
MNV	comp-Z, 1.2nm, 22.0s, MS5.4					
HOPS	Hopland	99.90 337	PFAKE	LR	03 15 00.0	+7.9
HOPS	comp-Z, 1.2nm, 22.0s, MS5.4					
CMB	Columbia Cole	99.90 335	PFAKE	LR	03 15 00.0	+7.9
CMB	comp-Z, 9.98nm, 21.0s, MS5.3					
LTX	Lajitas	99.94 318	PFAKE	LR	03 15 00.0	+7.5
LTX	comp-Z, 6.98nm, 22.0s, MS5.1					
TXAR	Lajitas Array	99.94 318	P	P	03 14 51.7	-0.8
TXAR	comp-Z, 2.2nm, 0.8s, mb4.6, baz=70, slow=3.6, SNR=18					
TXAR	comp-Z, 5.56nm, 21.0s, MS5.3, baz=20, slow=35					
DAC	Darwin (Calif)	100.47 332	PFAKE	LR	03 15 10.0	+1.5
DAC	comp-Z, 8.98nm, 19.0s, MS5.3					
TUC	Tucson	101.05 325				

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZNL Cakroluk, DENT Denizli, IZM Izmir, etc.

PRU 04 03:32:55.7, 50.14N; 19.10E
WAR 04 03:32:55.6, 50.20N; 19.14E, ML2.6, Mining Induced
ISC 04 03:32:54.1, 0.5, 15.01N; 0.03, 19.00E, 0.03, n16, e17/17/29,

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

BJI 04 03:46:14.2, 40.72S; 43.08E, h7km, mb5.5, mb5.5, Ms5.0, Ms2.0
MOS 04 03:46:15.0, 1.3, 41.00S; 42.55E, h10km, mb5.5/11, Error ellipse: s-maj=16.6km az=98.0

IDC 04 03:46:15.2, 0.4, 40.68S; 43.23E, mb5.024, m1 5.1/25, m1mx4.6/23, Error ellipse: s-maj=16.4km s-min=12.1km az=51.0
HRVD 04 03:46:16.9, 0.3, 40.60S; 43.14E, h12km, MW5.3/63, Centroid moment Tensor Solution. LP body waves: s44,c71; Mantle waves: s63,c119; Half duration: 1st

Mantle tensor: Scale 1017Nm; Mn0.92±.03; Mn0.89±.03; Mn0.03±.03; Mn0.26±.07; Mn0.22±.02; Mn0.22±.08; Best double couple: Ms.99; 1017 NP1: qz242; q41; x67; NP2: q92; q53; x109; Principal axes: T1:02, P1g74; Azim168; Azim168; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
SYO 04 03:46:16.9, 40.78S; 43.20E, h10km, MB5.3, MS5.0
NEIC 04 03:46:16.9, 0.1, 40.78S; 43.20E, h10km, mb5.3/61, MS5.0/71, Error ellipse: s-maj=7.2km s-min=5.0km az=59.0

CSEM 04 03:46:19.6, 40.88S; 43.20E, h33km, mb5.6
ISC 04 03:46:15.5, 0.2, 40.80S; 0.05, 43.24E, 0.07, h10km, (h13nm, 1.6km; p-P), n283, 0.86/164, mb5.3/92, MS5.0/89, 23C-GD, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUR Sutherland, SUR Sutherland, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MUN Mundaring, NWAO Narrogin (SRO), KLBR Kellierring, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA comp=E,250nm,17.4s,MS4.8, GYA comp=E,380nm,15.3s,MS4.9, etc.

LOS	Limnos	3.72 326	ePn	Pn	03 50 30.3 +0.4
MRMT	Marmara Adasi	3.72 358	ePN	Pn	03 50 29.1 -0.9
HDMB	Hadim	3.76 87	ePN	Pn	03 50 34.4 +3.8
KONT	Konya-Tatoy	3.79 72	ePN	Pn	03 50 33.7 +2.7
KIZT	Kizilcal	3.80 57	PN	Pn	03 50 32.7 +1.5
MKIT	Kithairon Oros	3.83 291	ePN	Pn	03 50 29.1 +0.9
KYTH	Kithira	3.87 262	ePN	Pn	03 50 33.5 +1.3
YLV	Yalova	3.88 18	ePN	Pn	03 50 31.1 -1.2
GP	Golpazarı	3.93 29	ePN	Pn	03 50 33.3 +0.3
BADT	Buyukada	4.10 14	ePN	Pn	03 50 34.0 -1.4
AKMC	Akamak	4.12 115	IP	Pn	03 50 37.1 +1.4
HRT	Herske	4.20 20	ePN	Pn	03 50 35.5 -0.9
PPCY	Paphos	4.20 117	IP	Pn	03 50 37.8 +0.9
ALN	Alexandroupoli	4.23 342	ePN	Pn	03 50 36.5 -0.8
CTT	Catalca	4.29 36	ePN	Pn	03 50 36.5 -1.6
ISK	Istanbul-Kandi	4.29 13	ePN	Pn	03 50 37.0 -1.2
NEO	Neokhorı	4.34 305	ePN	Pn	03 50 39.5 +0.7
PAIG	Palıouı	4.43 315	ePN	Pn	03 50 40.0 -0.2
OUR	Ourotopolis	4.56 320	ePN	Pn	03 50 41.9 0.0
RDO	Rodanopi	4.60 338	ePN	Pn	03 50 42.0 -0.6
HENT	Hendek	4.62 31	iP	Pn	03 50 44.5 +1.6
SZAC	Souni-Zanajia	4.65 116	IP	Pn	03 50 43.7 +0.5
SZAC	Z2nm,0.5s		S	Sb	03 51 33.9 -3.5
ITM	Ithomi	4.70 275	ePB	Pb	03 50 50.5 -3.2
ITM	Ithomi	4.70 275	ePB	Pb	03 50 48.0 -5.7
MAMC	Mammari	4.72 110	IP	Pn	03 50 45.6 +1.4
AGG	Agios Georgios	4.81 398	ePN	Pn	03 50 35.5 -0.9
CSS	Prodhromos	4.89 111	P	Pn	03 50 47.4 +0.8
CSS	Prodhromos	4.89 111	S	Sb	03 51 39.9 -3.5
CSS	Prodhromos	4.89 111	eP	Sn	03 50 47.1 +0.5
ANKO	Ankara	4.94 51	ePN	Pn	03 50 49.1 +1.0
SGKT	Sivrigonyuk	4.97 41	iP	Pn	03 50 49.4 +1.6
EDRB	Edirne	5.02 351	ePN	Pn	03 50 47.6 -0.9
KDZ	Kurdzhali	5.10 340	iP	Pn	03 50 49.0 -0.7
EVZ	Evyrtania	5.15 295	ePB	Pb	03 50 51.5 -1.0
SOH	Sokhos	5.24 320	ePN	Pn	03 50 52.0 +0.4
LIT	Litochoron	5.25 182	ePN	Pn	03 51 12.9 +1.9
SRS	Serrai	5.34 324	ePN	Pn	03 50 52.8 -0.2
RZN	Rozhen	5.36 335	iP	Pn	03 50 52.5 -0.7
PHNC	Paralimni	5.40 108	P	Pn	03 50 56.3 +2.5
PHNC	Paralimni	5.40 108	S	Sb	03 51 57.1 +0.9
BRTR	Reskin Array B	5.40 57	P	Pn	03 50 54.8 +0.9
BRTR	0.0nm,0.3s,baz=241,slow=17,SNR=109		S	Sb	03 51 57.2 +0.9
BRTR	1.0nm,0.3s,baz=234,slow=24,SNR=3.1		S	Sb	03 50 54.8 +0.9
BRTR	Reskin Array B	5.40 57	P	Pn	03 51 57.2
BRTR	comp=Z,6.0nm,0.3s		pmx	pmx	
MMB	Musomiste	5.66 327	iP	Pn	03 50 57.0 -0.5
ELDR	Eldivan	5.69 49	iP	Pn	03 50 59.0 +1.0
KNT	Kniti	5.78 320	ePB	Pb	03 51 02.0 +0.6
GRG	Griva	5.85 316	ePN	Pn	03 51 00.7 +0.5
AVNT	Avonos	5.90 69	iP	Pn	03 51 01.7 +0.7
KKB	Krupnik	6.17 325	iP	Pn	03 51 04.0 -0.7
FNA	Florina	6.34 310	ePN	Pn	03 51 08.0 +0.9
BALT	Daday	6.36 41	iP	Pn	03 51 07.6 +0.3
CTKT	Corum	6.62 54	iP	Pn	03 51 12.9 +1.9
CTKT	Corum	6.62 54	S	Sx	03 53 05.7
VTS	Vitosha	6.71 310	iP	Pn	03 51 12.0 -0.2
COBT	Skopje	6.81 91	iP	Pn	03 51 15.3 +1.6
COBT	Skopje	6.81 91	S	Sb	03 52 32.5 +1.0
SKO	Skopje	7.07 318	PN	Pn	03 51 18.0 +0.7
BOYBAT	Boyabat	7.14 48	PN	Pn	03 51 18.4 +0.1
HNTI	Hanita	7.15 120	PN	Pn	03 51 16.7 -1.7
HNTI	Hanita	7.15 120	S	Sb	03 52 32.8 -7.2
HAF	Haifa	7.22 122	PN	Pn	03 51 18.1 -1.3
HRI	Mount Hermon	7.44 117	PN	Pn	03 51 21.8 -0.8
HRI	Mount Hermon	7.44 117	S	Sb	03 52 41.3 -6.1
SLTI	Safit	7.56 126	PN	Pn	03 51 22.2 -2.0
SLTI	Safit	7.56 126	S	Sb	03 52 42.6 -7.7
GLH	Golan-Tel Qazi	7.69 120	PN	Pn	03 51 25.0 -1.0
MLLI	Mount Malkishu	7.69 123	PN	Pn	03 51 25.3 -0.6
GZT	Gaziantep	7.82 94	IP	Pn	03 51 29.9 +1.4
HMDT	Nahal Hemdat	7.85 182	PN	Pn	03 51 28.2 -0.4
KZIT	Kziot	8.10 135	PN	Pn	03 51 30.3 -1.5
KZIT	Kziot	8.10 135	S	Sb	03 52 56.0 -7.8
DRGI	Dragot	8.21 128	PN	Pn	03 51 32.9 -0.4
SVTA	Shivta	8.21 134	PN	Pn	03 51 32.1 -1.2
BOLS	Boljevac	8.24 329	IP	Pn	03 51 32.7 -1.1
MASH	Mash'abbe Sade	8.38 129	PN	Pn	03 51 32.2 -0.8
MZDA	Masada	8.38 129	PN	Pn	03 51 34.4 -1.3
MZDA	Masada	8.38 129	S	Sb	03 53 02.3 -8.6
MALT	Malatya	8.56 77	eP	Pn	03 51 40.0 +1.8
MLR	Muntele Rosu	8.71 351	PN	Pn	03 51 39.4 -0.9
MLR	comp=Z,0.3nm,0.3s,baz=89,slow=3,SNR=19		LR	LR	03 55 27.3
MLR	comp=Z,421nm,19.5s,baz=95,slow=41		LR	LR	03 51 40.1 -1.5
ZFRI	Zfiri	8.81 134	PN	Pn	03 51 43.5 +1.2
ASF	Jabal al Asfar	8.86 119	PN	Pn	03 53 26.1 +3.5
ASF	comp=Z,2.8nm,0.3s,baz=186,slow=8.4,SNR=9.4		S	Sb	03 53 26.1 +3.5
PRNI	Paran	8.86 135	PN	Pn	03 51 40.9 -1.4
KMTI	Karmit	8.90 137	PN	Pn	03 53 11.6 -1.2
KMTI	Karmit	8.90 137	S	Sb	03 53 15.8 -7.8
TIP	Timpagrande	9.00 288	eP	Pn	03 51 43.9 -0.4
MBH	Mount Berech	9.24 138	PN	Pn	03 51 46.3 -1.3
EIL	Eilat	9.36 138	PN	Pn	03 51 48.3 -0.9
ALWS	Ilav as Safayha	9.71 139	P	Pn	03 51 52.9 -1.0
ALWS	Ilav as Safayha	9.71 139	S	Sb	03 53 36.0 -7.5
STON	Ston	9.79 311	iPN	Pn	03 51 55.9 +0.8
STON	Ston	9.79 311	S	Sb	03 53 43.2 -2.4
HQOS	Haql	9.84 140	P	Pn	03 51 54.5 -1.3
JMAGS	Jabal al Moallı	9.84 139	P	Pn	03 51 55.0 -0.9
KIS	Kishinev	10.14 4	eP	Pn	03 52 03.0 +3.2
KIS	Kishinev	10.14 4	MLR	MLR	
BDAS	Al Bad'	10.44 142	P	Pn	03 52 02.2 -1.8
JMGS	Jabal Moqyreh	10.47 137	P	Pn	03 52 04.9 +0.3
AYUS	Aynunah	10.56 148	P	Pn	03 52 06.5 -1.6
CII	Carovilli	11.51 299	eP	Pn	03 52 19.3 +0.7
AQU	L'Aquila	12.36 301	P	Pn	03 52 27.2 -2.9
PSZ	Piszkesteto	12.47 335	P	Pn	03 52 30.5 -1.0
VYHS	Vyhne	12.47 335	ePN	Pn	03 52 43.0 +0.1
VYHS	Vyhne	12.47 335	S	Sb	03 57 01.8
KIV	Kislodovsk	13.36 53	iP	Pn	03 52 44.4 +1.1
KIV	comp=Z,17nm,2.1s		pmx	pmx	
KIV	comp=Z,400nm,18.0s		MLR	MLR	
KIV	Kislodovsk	13.36 53	P	LR	03 52 45.0 +1.7
GNI	Garni	13.67 71	LP	LR	03 58 41.7
AKASG	Malin Array B	13.85 4	Pn	Pn	03 52 49.2 -0.5
AKASG	comp=Z,0.5nm,0.3s,baz=186,slow=13,SNR=8.4		P	Pn	03 52 49.3 -0.4
AKASG	Malin Array B	13.85 4	pmx	pmx	
OKC	Ostrava-Krasne	14.71 335	eP	Pn	03 53 09.6 +8.6
OKC	Ostrava-Krasne	14.71 335	LM	LM	03 59 40.0
MORC	Moravsky Berou	14.87 333	eP	Pn	03 53 03.3 +0.2
HLS	Ha'il	15.16 125	P	Pn	03 53 15.6 +8.5
PGF	Pioggiola	15.52 297	eP	Pn	03 53 10.9 -0.7
GE2C	GERESS Array S	15.77 324	eP	Pn	03 53 20.4 +5.6
GERES	GERESS Array B	15.77 324	PN	Pn	03 53 17.9 +3.2
GERES	comp=Z,1.0nm,0.3s,baz=131,slow=14,SNR=14		P	Pn	03 53 19.8 +4.8
DPC	Dobruska-Polom	15.79 332	eP	Pn	04 00 30.0
DPC	Dobruska-Polom	15.79 332	LM	LM	
KHC	Kasperske Hory	16.02 324	eP	Pn	03 53 22.5 +4.4
KHC	Kasperske Hory	16.02 324	LM	LM	04 00 10.0
KSP	Ksiaz	16.20 333	eP	PP	03 53 19.7 -0.6
KSP	Ksiaz	16.20 333	ePP	PP	03 53 30.3 -3.3
PRU	Pruhonice	16.22 328	eP	Pn	03 53 25.8 +5.3
PRU	Pruhonice	16.22 328	LM	LM	04 00 40.0
WET	Wetzell	16.37 323	eP	Pn	03 53 27.9 +5.5
PVCC	Panska Ves	16.62 329	eP	Pn	03 53 32.5 +6.9
PVCC	Panska Ves	16.62 329	LM	LM	04 00 40.0
SBF	Sospel	16.98 301	eP	Pn	03 53 30.4 +0.2
BRG	Bergliesshubel	17.14 329	iP	Pn	03 53 39.1 +6.9

BRG	comp=Z,28nm,1.0s		pmx	pmx	
BRG	comp=Z,730nm,8.9s	17.14 329	iP	P	03 53 39.1 +6.9
BRG	Bergliesshubel	17.14 329	MLR	MLR	
SUW	Suwalki	17.43 351	eP	P	03 53 36.3 +0.6
FRF	La Foret Royal	17.45 299	eP	P	03 53 35.5 -0.6
LMR	La Moutte	17.49 298	eP	P	03 53 35.7 -0.8
GRA1	Grafenberg Arr	17.54 322	eP	P	03 53 41.5 +4.4
GRA1	Grafenberg Arr	17.54 322	eS	S	03 57 03.9 +1.4
GRF	Grafenberg Arr	17.54 322	eP	P	03 53 41.5 +4.4
MBD	Montbardon	17.71 303	eP	P	03 53 39.5 +0.2
CLL	Colim	17.86 329	iP	P	03 53 43.0 +1.9
CLL	Colim	17.86 329	i	P	03 53 46.6
CLL	Colim	17.86 329	eS	S	03 54 09.0
CLL	Colim	17.86 329	eS	S	03 57 06.0 +8.8
CLL	Colim	17.86 329	eS	S	03 53 43.0 +1.9
CLL	Colim	17.86 329	eS	S	03 57 06.0 +8.8
CLL	comp=Z,42nm,0.9s		pmx	pmx	
CLL	comp=Z,42nm,0.9s	17.86 329	eP	P	03 53 43.0 +1.9
CLL	comp=Z,42nm,0.9s		eS	S	03 53 46.6
CLL	comp=Z,42nm,0.9s		eS	S	03 57 06.0 +8.8
BNI	Bardonecchia	17.88 304	eP	P	03 53 42.6 +1.3
LPG	L'Plagnel	17.98 305	eP	P	03 53 43.9 +1.2
MOX	Moxa	17.99 325	iP	P	03 53 45.9 +3.1
MOX	comp=Z,logAT=1.6		PP	PP	03 54 03.0 +5.4
MOX	Moxa	17.99 325	eP	P	03 53 45.9 +3.1
MOX	Moxa	17.99 325	eP	P	03 53 45.9 +3.1
MOX	Moxa	17.99 325	eP	P	03 53 45.9 +3.1
LPL	La Plagne	18.00 305	eP	P	03 54 02.9
BFO	Black Forest	18.27 315	eP	P	03 53 49.3 +6.2
BFO	Black Forest	18.27 315	eS	S	03 57 18.4 +1.2
SMRF	Simiane la Rot	18.31 300	eP	P	03 53 45.7 -1.1
ORIF	Oris-Rattie	18.37 303	eP	P	03 53 48.3 +0.8
ORIF	comp=Z,41nm,1.3s		eR	eR	
AFF	comp=Z,314nm,19.8s	18.38 130	P	P	03 53 52.6 +4.9
RUES	Ruedersdorf	18.45 332	eP	P	03 53 49.4 +0.9
CABF	La Chapelle	18.83 308	eP	P	03 53 53.1 -0.1
HINF	Hinterfeld	18.88 312	eP	P	03 53 54.5 +0.8
CDF	Champ du Feu	18.92 314	eP	P	03 53 54.9 +0.7
VIVF	Saint-Julien-L	19.17 302	eP	P	03 53 56.9 -2.0
OBN	Obninsk	19.20 15	eP	P	03 53 55.4 -2.0
OBN	Obninsk	19.20 15	pmx	pmx	
OBN	Obninsk	19.20 15	MLR	MLR	
OBN	Obninsk	19.20 15	P	P	03 53 56.1 -1.3
HAU	Haudompre	19.27 312	eP	P	03 53 58.9 +0.6
HAU	Haudompre	19.27 312	eR	eR	
CLZ	Clausthal	19.38 326	eP	P	03 54 02.0 +2.4
LASF	Ste Croix	19.53 299	eP	P	03 54 00.2 -1.1
MZLS	Mizel	19.70 126	P	P	03 54 05.4 +2.1
LTHS	Al Lith	19.88 143	P	P	03 54 05.1 -0.3
MOS	Moscow	20.01 16	eP	P	03 54 04.6 -1.9
MOS	Moscow	20.01 16	pmx	pmx	
WLF	Walferdange	20.19 316	eP	P	03 54 10.1 +1.7
MEZF	Mazieres J'vi	20.27 312	eP	P	03 54 09.8 +0.6
SMF	Signal de Mont	20.29 306	eP	P	03 54 08.9 -0.5
LOR	Lormes	20.50 308	eP	P	03 54 11.1 -0.5
LOR	Lormes	20.50 308	eR	eR	</

NEIC 04 03:57:03.1, 2.36.82N, 0.06:27.77E, 0.06, h14km, 9km, n22, c0911/15, mb4.2/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NISR Nisros, ARG Arkhangelos, KSL Kastellorizon, etc.

MOS 04 04:02:40.0, 0.7, 36.87N, 27.68E, h10km, mb4.1/4, Error ellipse: s-maj=22.3km s-min=9.0km az=105.6

ISK 04 04:02:41.6, 37.03N, 27.78E, h12km, MD3.6, M3.7 ATH 04 04:02:41.0, 36.87N, 27.69E, h13km, MD3.9, 3.0

NEIC 04 04:02:41.0, 36.87N, 27.69E, h13km, mb3.7/13, MD3.8(ATH) After ATH

IDC 04 04:02:44.1, 5.4, 36.92N, 27.74E, h30km, 44km, mb3.7/6, mb1.3/7.1, mb1mx3.6/2.3, ML3.6/5, MS3.1/1, M1.3/1.1, ms1mx2.4/2.3, Error ellipse: s-maj=19.7km s-min=15.9km az=150.0

THE 04 04:02:45.5, 37.05N, 27.83E, h21km

ISC 04 04:02:42.0, 0.6, 36.99N, 0.03:27.78E, 0.03, h18km, 5km, n95, c103/100, mb3.8/8, Dodecanese Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BDRM Kayabasi, MSLB Milas, YER Yerkesik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like comp=2.3, 4nm, 0.6s, HAU Haudompre, SMF Signal de Mont, etc.

IGIL 04 04:19:45.0, 36.80N, 27.80E, h30km, MS4.5 MOS 04 04:19:46.9, 1.3, 36.87N, 27.82E, h10km, mb5.4/25, MS4.4/29, Error ellipse: s-maj=7.5km s-min=3.3km az=99.1

BUI 04 04:19:47.0, 36.90N, 27.17E, h39km, mb5.2, mb5.2, MS5.2, MSz4.7 ATH 04 04:19:47.9, 36.89N, 27.66E, h16km, 2km, MD4.7/21, ML4.8

ISC 04 04:19:48.6, 37.13N, 27.74E, h3km, ML5.0 BGS 04 04:19:48.1, 2.0, 36.96N, 27.78E, h10km, mb5.5 NEIC 04 04:19:48.4, 0.1, 36.84N, 27.85E, h10km, 2.5/141, MS4.8/83, ML4.8(ATH), Error ellipse: s-maj=2.3km s-min=1.5km az=200.0

NEIC Fe04 at Bodrum, Turkey, MED_RC 04 04:19:48.4, 0.2, 36.78N, 27.71E, h15km, MW5.2/33, Moment Tensor Solution. Body waves: s33, c66; Duration: 1s0 Moment tensor: Scale 10^16Nm; M=0.655; 1.3; M=0.565; 1.1; M=0.912; 0.8; M=0.752; 2.6; M=0.932; 0.7; M=1.842; 2.6; Best double couple: M=0.64x10^16 NP1: 83, 82, 83; 82, 83; NP2: 255, 255; 87, 7, 83, 93. Principal axes: T, 8.26, Plg22, Azm347; N, 7, 7, Plg3, Azm256; P, -9.03, Plg68, Azm159; nsta1 refers to waves, cutoff=35s.

HRVD 04 04:19:48.4, 0.2, 36.82N, 27.97E, h12km, MW5.2/64, Centroid moment tensor solution. LP body waves: s35, c50, Mantle waves: s64c130; Half duration: 1s0; Moment tensor: Scale 10^17Nm; M=0.682; 0.2; M=0.702; 0.1; M=0.032; 0.2; M=0.145; 0.5; M=0.072; 0.1; M=0.162; 0.6; Best double couple: M=0.72x10^17 NP1: 76, 71, 82, 82, 111; NP2: 278, 852, 13, 73. Principal axes: T, 7.2, Plg5, Azm356; N, 0, Plg14, Azm87; P, -7.3, Plg75, Azm245; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 04 04:19:48.3, 36.84N, 27.85E, h10km, MB5.2, MS4.8 ZUR_RM 04 04:19:48.2, 27.85E, h9km, MW5.3/29, Moment Tensor Solution, s29 Moment tensor: Scale 10^16Nm; M=0.75; M=0.35; M=0.35; M=0.38; M=1.15; M=0.51; Best double couple: M=8.82x10^16 NP1: 269, 856, 13, 82; NP2: 76, 834, 101. Principal axes: T, 9.136, Plg11, Azm354; N, -638, Plg6; Azm85; P, -8.498, Plg77; Azm204;

CSEM 04 04:19:49.2, 36.81N, 27.79E, h30km, mb5.2 THE 04 04:19:50.5, 36.85N, 27.78E, h13km, ML5.1 IDC 04 04:19:51.1, 2.1, 37.00N, 27.67E, h29km, 14km, mb4.8/24, mb1.4/34, mb1mx4.9/35, ML4.2/7, MS4.4/16, Ms1.4/16, ms1mx4.4/22, Error ellipse: s-maj=11.7km s-min=10.0km az=93.0

NIC 04 04:19:54.6, 0.4, 37.25N, 28.30E, h5km, 5ML4.9 MW4.3 Earthquake Dodecanese Islands, Greece 5.1, ML4.9 PDG 04 04:20:08.1, 0.1, 37.65N, 26.30E, h10km, 1km

IDC 04 04:19:46.0, 0.1, 36.83N, 0.01:27.82E, 0.01, h10km, (h15km, 2.3km; pP-P), n791, c1809/813, mb5.2/172, MS4.7/107, 54C-58D, Dodecanese Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BDRM Kayabasi, BDRM Milas, YER Yerkesik, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BNT Bandirma, BNT Bandirma, NAIG Nisos Aigina, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like TFG, ZFRi, MLR, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like QJC, KBR, KBC, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MNK, ZUR, GUT, etc.

4d 4h

2004 AUG

KSH	comp=E,660nm,5.1s	LR	LR				
CCAN	Las Canadas 38.15 270 P	P	P	04 27 09.5 +1.7			
CMBO	Kilima Mbojo 38.77 165 P	P	P	04 27 16.3 +3.2			
KMBO	comp=E,4.2nm,0.9s,mb4.2,baz=344,slow=9.1,SNR=8.3	LR	LR				
KMBO	comp=E,3.5nm,0.8s,baz=344,slow=5.7,SNR=6.2	LR	LR	04 29 25.5 +0.4			
KMBO	comp=E,608nm,18.2s,MS4.5,baz=174,slow=39	LR	LR	04 44 11.1			
KMBO	Kilima Mbojo 38.77 165 eP	P	P	04 27 15.9 +2.8			
KMBO	comp=E,5.8nm,1.0s,mb4.3	LR	LR	04 29 26.9 +1.7			
KMBO	comp=Z,616nm,19.0s,MS4.5	ePcP	PcP				
BORG	Borgarnes 40.16 330 P	P	P	04 27 25.3 +1.3			
BORG	comp=Z,55nm,1.0s,mb5.2,baz=115,slow=6.7,SNR=8.7	LR	LR	04 45 21.7			
BORG	comp=Z,948nm,18.3s,MS4.7,baz=114,slow=38	LR	LR				
MKAR	Makanchi Array 41.06 58 P	P	P	04 27 32.3 +0.7			
MKAR	comp=Z,53nm,0.7s,mb5.2,baz=281,slow=6.2,SNR=294	LR	LR				
MKAR	comp=Z,8.6nm,0.9s,baz=270,slow=4.9,SNR=3.6	PcP	PcP	04 29 31.4 -0.7			
MKAR	comp=Z,1.2nm,0.7s,baz=270,slow=2.4,SNR=4.3	LR	LR	04 33 18.8			
MKAR	comp=Z,501nm,18.5s,MS4.4,baz=275,slow=40	LR	LR	04 47 14.6			
MKAR	Makanchi Array 41.06 58 P	P	P	04 27 32.3 +0.6			
MKAR	comp=Z,53nm,0.7s	LR	LR	04 29 31.4			
MKAR	comp=Z,9.0nm,0.9s	LR	LR				
MKAR	comp=N,1.0nm,0.7s	LR	LR				
MKAR	comp=Z,501nm,18.5s	LR	LR				
NVS	Novosibirsk 41.38 46 i	P	P	04 27 34.7 +0.5			
NVS	comp=Z,67nm,1.1s,mb5.2	eS	S	04 29 10.8			
NVS	comp=N,28nm,1.3s	LR	LR	04 33 39.3 -9.4			
NVS	comp=E,32nm,1.0s	LR	LR				
NVS	comp=Z,62nm,2.6s,mb4.8	LR	LR				
NVS	comp=N,23nm,2.0s	LR	LR				
NVS	comp=E,62nm,2.8s	LR	LR				
NVS	comp=N,23nm,2.0s	LR	LR				
NVS	comp=Z,19nm,2.0s	LR	LR				
SPITS	Spitsbergen Ar 41.74 356 P	P	P	04 27 36.7 -0.2			
SPITS	comp=E,6.5nm,0.6s,mb4.5,baz=153,slow=9.0,SNR=14	LR	LR				
SPB4	Spitsbergen Ar 41.74 356 eP	P	P	04 27 35.6 -1.2			
NDI	New Delhi 41.95 86 e	P	P	04 27 44.0 +4.9			
DDI	Delhi Dun 41.95 84 e	P	P	04 27 50.0 +1.1			
DBIC	Dimbokro 42.29 233 P	P	P	04 27 41.5 -0.7			
DBIC	comp=E,66nm,1.1s,mb5.2,baz=27,slow=8.5,SNR=44	LR	LR	04 45 49.1			
DBIC	comp=Z,352nm,18.5s,MS4.3,baz=25,slow=37	LR	LR				
DBIC	Dimbokro 42.29 233 P	P	P	04 27 41.5 -0.7			
DBIC	comp=Z,66nm,1.2s	LR	LR				
DBIC	comp=Z,352nm,18.5s	LR	LR				
DBIC	Dimbokro 42.29 233 P	P	P	04 27 41.5 -0.7			
DBIC	comp=Z,42.45 233 eP	P	P	04 45 49.1			
TIC	Toumodi 42.29 233 P	P	P	04 27 42.4 -0.8			
KIC	Kosani Boka 42.45 233 eP	P	P	04 27 42.4 -1.1			
KBS	Kingsbay 42.71 356 eP	P	P	04 27 44.5 -0.2			
KBS	comp=Z,180nm,0.9s,mb5.7	LR	LR	04 27 48.4 +0.6			
KBS	comp=Z,38nm,1.7s,mb4.8	Amb	AMB	04 27 51.4			
KBS	Kingsbay 42.71 356 eP	P	P	04 27 44.5 -0.2			
KBS	comp=Z,494nm,21.0s,MS4.4	LR	LR				
LIC	Lamto 42.74 233 eP	P	P	04 27 45.9 +0.1			
LIC	comp=Z,189nm,1.0s,mb5.8	LR	LR	04 27 45.0 -0.8			
LIC	Lamto 42.74 233 eP	P	P	04 27 45.0 -0.8			
DAG	Danmarks Havn 44.92 346 i/P	P	P	04 28 02.2 -0.5			
WMQ	Urumqi 45.31 62 i/P	P	P	04 28 07.2 +1.0			
WMQ	comp=Z,42nm,1.0s,mb5.2	LR	LR	04 29 53.9 +0.9			
WMQ	comp=N,650nm,22.6s,MS4.6	LR	LR				
WMQ	comp=E,572nm,22.0s,MS4.6	LR	LR				
WMQ	comp=Z,579nm,16.8s	LR	LR				
KOLN	Koldanda 47.43 84 eP	P	P	04 28 22.9 -0.3			
KOLN	comp=Z,42nm,0.8s,mb5.4	LR	LR	04 28 27.6 -0.2			
GKN	Gorkha 48.16 83 eP	P	P	04 28 27.6 -1.1			
SUMG	Summit 48.21 338 eP	P	P	04 28 33.6 +0.5			
DMN	Daman 48.70 84 eP	P	P	04 28 33.5 -0.1			
KKN	Kakani 48.77 83 eP	P	P	04 28 35.0 -0.1			
PKI	Pulchoki 49.96 83 eP	P	P	04 28 36.9 +0.1			
GUN	Gumba 49.19 83 eP	P	P	04 28 36.9 +0.1			
LSZ	Lusaka 51.83 180 PFAKE	LR	LR	04 29 10.0 +1.3			
ZAK	Zakamensk 54.02 50i eP	P	P	04 29 13.1 +0.2			
SHL	Shilong 55.03 82 eP	P	P	04 29 19.2 -1.5			
GTA	Gat'ai 55.28 64 eP	P	P	04 29 22.0 -0.3			
GTA	comp=Z,30nm,1.3s,mb5.2	AMB	AMB	04 37 00.9 -3.4			
GTA	comp=Z,171nm,7.2s	LR	LR				
GTA	comp=N,251nm,17.5s,MS4.4	LR	LR				
GTA	comp=E,124nm,19.0s,MS4.4	LR	LR				
GTA	comp=Z,285nm,19.8s,MS4.3	LR	LR				
TSUM	Tsumber 56.56 192 P	P	P	04 29 32.2 +0.4			
TSUM	comp=Z,15nm,0.9s,mb5.0,baz=352,slow=6.7,SNR=20	LR	LR				
TSUM	comp=Z,24nm,1.0s,mb5.2	LR	LR	04 29 31.4 -0.3			
SONM	Songino Array 56.76 52 P	P	P	04 29 33.0 +0.2			
ULN	Ulaanbaatar 57.17 52 PFAKE	LR	LR	04 29 50.0 +1.4			
BOD	Bodaibo 57.81 39 eP	P	P	04 29 37.7 -2.4			
TIXI	Tiksi 58.84 21 eP	P	P	04 29 46.9 -0.2			
TIXI	comp=Z,67nm,1.1s,mb5.6	eS	S	04 37 52.3 +1.4			
TIXI	comp=Z,51nm,1.0s,mb5.5	eS	S	04 41 44.7 -1.4			
TIXI	comp=Z,67nm,1.1s,mb5.6	LR	LR				
TIXI	Tiksi 58.84 21 PFAKE	LR	LR	04 30 00.0 +1.3			
LCBZ	Lanzhou 59.54 66 i/P	P	P	04 29 52.2 -0.3			
LZH	comp=Z,82nm,1.3s,mb5.6	LR	LR	04 32 04.5 -1.4			
LZH	comp=Z,250nm,4.0s	AMB	AMB				
LZH	comp=N,941nm,16.1s	LR	LR				
LZH	comp=Z,1um,18.7s,MS5.0	LR	LR				
LZH	Lanzhou 59.54 66 i/P	P	P	04 29 52.2 -0.3			
LZH	comp=Z,82nm,1.3s,mb5.6	pP	pP	04 29 55.2 -0.4			
LZH	comp=Z,22nm,0.8s,mb5.0,baz=289,slow=8.4,SNR=46	LR	LR	04 29 56.8 +0.1			
LZH	comp=Z,22nm,0.8s,mb5.0	LR	LR	04 32 04.5 -1.4			

LBTB	comp=Z,1um,18.7s,MS5.0						
LBTB	Lobatse 61.55 182i eP	P	P	04 30 07.3 +1.0			
CD2	comp=Z,45nm,0.9s,mb5.6	ePcP	PcP	04 30 48.9 +1.0			
CD2	Chengdu 61.80 71 i/P	AMB	AMB	04 30 06.6 -1.3			
BTO	comp=Z,270nm,1.0s,mb5.8	LR	LR				
HES	Batou 61.88 59 eP	P	P	04 30 08.8 -0.2			
HES	Resolute Bay 62.60 345 i/P	P	P	04 30 11.2 -1.5			
HHC	comp=Z,231nm,0.9s,mb5.4	LR	LR				
HHC	Hu-ho-hao-te 62.92 58 eP	P	P	04 30 15.5 +0.3			
HHC	comp=Z,230nm,0.9s,mb5.4	LR	LR	04 30 23.0 +4.6			
HHC	comp=Z,270nm,1.0s,mb5.8	LR	LR	04 30 27.5 +8.0			
HHC	comp=Z,230nm,0.9s,mb5.4	LR	LR	04 32 33.0 -2.3			
HHC	comp=Z,230nm,0.9s,mb5.4	LR	LR	04 38 58.4 -1.6			
HHC	comp=Z,230nm,0.9s,mb5.4	LR	LR	04 40 03.4 -0.9			
HHC	comp=Z,230nm,0.9s,mb5.4	LR	LR	04 42 51.1 +0.3			
HHC	comp=Z,91nm,1.0s,mb5.9	LR	LR				
HHC	comp=N,222nm,26.2s	LR	LR				
HHC	comp=E,187nm,18.2s	LR	LR				
HHC	comp=Z,192nm,21.4s,MS4.2	LR	LR				
SCHO	Schefferville 63.31 320 P	P	P	04 30 15.1 -2.5			
SCHO	comp=Z,26nm,0.8s,mb5.4,baz=60,slow=6.3,SNR=41	LR	LR	04 57 17.9			
SCHO	Schefferville 63.31 320 eP	P	P	04 30 15.1 -2.5			
SCHO	comp=Z,545nm,19.7s,MS4.7,baz=74,slow=36	LR	LR				
SCHO	comp=Z,33nm,0.7s,mb5.6	LR	LR				
SCHO	comp=Z,901nm,20.0s,MS4.9	LR	LR				
YAK	Yakutsk 63.35 31 eP	P	P	04 30 16.3 -1.4			
YAK	comp=Z,225nm,0.8s,mb5.4	LR	LR				
YAK	comp=N,4.0nm,1.0s	LR	LR				
YAK	comp=E,18nm,1.4s	LR	LR				
YAK	Yakutsk 63.35 31 i/P	P	P	04 30 16.4 -1.3			
YAK	comp=E,55nm,0.7s,mb5.8	LR	LR				
KMI	Kunming 63.72 87 eP	P	P	04 30 20.4 -1.0			
KMI	comp=Z,317nm,21.0s,MS4.5	LR	LR				
KMI	comp=Z,14nm,1.2s,mb4.9	LR	LR				
KMI	comp=Z,177nm,29.6s,MS4.1	LR	LR				
KMI	Kunming 63.72 87 eP	P	P	04 30 20.4 -1.0			
KMI	comp=Z,14nm,1.2s,mb4.9	LR	LR				
KMI	comp=Z,180nm,29.6s,MS4.1	LR	LR				
CHG	Chiang Mai 64.08 85 i/P	P	P	04 30 22.9 -0.3			
XAN	Xi'an 64.18 66 P	P	P	04 30 23.2 -0.4			
XAN	comp=Z,31nm,0.9s,mb5.3	AMB	AMB				
CHRT	Chiangrai 64.18 84 eP	P	P	04 30 23.0 -0.9			
CM31	Chiang Mai Arr 64.27 86 eP	P	P	04 30 23.6 -0.8			
CMAR	Chiang Mai Arr 64.27 86 P	P	P	04 30 23.8 -0.6			
CMAR	comp=Z,16nm,0.8s,mb5.1,baz=300,slow=8.0,SNR=54	LR	LR	05 05 00.6			
CMAR	comp=Z,81nm,21.4s,MS3.9,baz=280,slow=42	LR	LR				
HAI	Hailar 64.32 47 eP	P	P	04 30 24.2 -0.1			
HAI	comp=Z,15nm,0.8s,mb5.1	LR	LR				
NANT	Nan 65.49 84 i/P	P	P	04 30 30.0 -2.3			
GYA	Guiyang 66.19 74 i/P	P	P	04 30 36.5 -0.2			
GYA	comp=Z,40nm,1.2s,mb5.3	AMB	AMB				
GYA	comp=Z,140nm,4.6s	AMB	AMB				
GYA	comp=N,100nm,18.1s,MS4.2	LR	LR				
GYA	comp=E,70nm,16.4s,MS4.2	LR	LR				
GYA	comp=Z,90nm,17.3s,MS4.0	LR	LR				
BJI	Beijing 66.41 57 P	P	P	04 30 38.1 +0.2			
BJI	comp=Z,30nm,1.1s,mb5.2	LR	LR				
BJI	comp=N,539nm,18.3s,MS4.8	LR	LR				
BJI	comp=E,206nm,19.7s,MS4.7	LR	LR				
BJI	comp=Z,397nm,20.4s,MS4.6	LR	LR				
BJI	Beijing 66.41 57 P	P	P	04 30 38.1 +0.2			
BJI	comp=Z,30nm,1.1s,mb5.2	LR	LR				
BJI	comp=Z,400nm,20.4s,MS4.6	LR	LR				
ENH	Enshi 66.42 69 i/P	P	P	04 30 37.5 -0.6			
ENH	comp=Z,43nm,0.9s,mb5.5	LR	LR				
NST	Nakhon Sawan 66.73 87 P	P	P	04 30 40.4 +0.1			
PQI	Presque Isle 67.88 312 P	P	P	04 31 00.0 +1.3			
PQI	comp=Z,3um,21.0s,MS5.4	LR	LR				
KKTK	Khon Kaen 68.52 85 P	P	P	04 30 51.0 -0.5			
EMMW	East Machias 68.54 310 PFAKE	LR	LR	04 31 00.0 +8.8			
EMMW	comp=Z,3um,21.0s,MS5.5	LR	LR				
TIA	Tai'an 68.97 60 eP	P	P	04 30 53.3 -0.7			
TIA	comp=Z,42nm,1.3s,mb5.2	AMB	AMB				
SUR	Sutherland 69.16 186 P	P	P	04 30 56.8 +1.5			
SUR	comp=Z,20nm,0.9s,mb5.0,baz=39,slow=4.6,SNR=8.6	LR	LR				
WHN	Wuhan 69.90 56 i/P	P	P	04 31 00.0 +0.2			
CN2	Changchun 70.45 50 P	P	P	04 31 02.5 -0.4			
CN2	comp=Z,20nm,0.8s,mb5.1	eS	S	04 40 12.4 -2.1			
CN2	comp=Z,2						

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BDFB, UNLV, HRY, NEW, MSO, BOZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BDRM, MLBS, YER, NISR, ARG, AYDN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like GRF, MBDF, CLL, CLL, CLL, CLL, CLL, etc.

BJI 04 04:26:17.8, 36.19N>27.12E, h5km, mb4.6, mb4.6, Ms4.7, Ms2.4
MOS 04 04:26:21.8, 2.0, 36.71N>27.91E, h10km, mb4.1, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, YER, NISR, AYDN, ARG, DNZL, DENT, KARP, IZM, KDAG, KSL, MANT, ELL, AKS, KHL, BCK, PRK, BALB, IDI, ORLT, DT, ULDT, LPK, HDMB, KIZT, BRTR, GRES, FINES, NOA, MKAR, MKAR.

IDC 04 06:58:40.9, 1.1, 69.725x169.03W, mb4.0/3, mb1.4/4, mb1mx4.1/11, ML4.3/1, Error ellipse: s-maj=49.7km, s-min=27.2km az=23.0

NEIC 04 06:58:42.6, 0.8, 69.735x169.31W, h10km, Error ellipse: s-maj=21.8km s-min=15.4km az=99.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA, Vnda, VNSA, QNSA, ASAR, WRA, LPAZ, BVAR, ESDC.

ISK 04 06:59:15.4, 37.07N-27.65E, h5km, MD3.2

NEIC 04 06:59:16.3, 36.92N-27.61E, h29km, MD3.4(ATH), After ATH

ATH 04 06:59:16.3, 36.92N-27.61E, h29km, MD3.4/6

ISC 04 06:59:16.4, 0.6, 36.92N, 0.3, 27.61E, h10km, n17, n20, 0.859/28, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, AYDN, ARG, DNZL, DENT, KARP, IZM, KDAG, APE, MANT, KSL, ELL, AKS, PRK, BALB, LPK, HDMB, KIZT.

ISK 04 07:04:59.7, 36.91N-27.61E, h5km, ML3.0

NEIC 04 07:05:04.5, 36.83N-27.83E, h10km, MD3.3(ATH), After ATH

ATH 04 07:05:04.5, 36.83N-27.83E, h10km, MD3.3/6

ISC 04 07:05:03.5, 0.5, 36.93N, 0.3, 27.76E, h10km, n17, n19, 0.859/24, 2C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, MLSB, YER, NISR, ARG, DNZL, DENT, KARP, IZM, KDAG, KSL, MANT, ELL, AKS, PRK, HDMB.

ISK 04 07:18:39.6, 37.42N-28.07E, h12km, MD3.0

NEIC 04 07:18:39.6, 36.99N-27.54E, h25km, MD3.2(ATH), After ATH

ATH 04 07:18:39.6, 36.99N-27.54E, h25km, MD3.2/5

ISC 04 07:18:36.3, 1.0, 36.86N, 0.0, 27.73E, h5km, n15, n15, 0.991/20, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station BDRM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, MLSB, YER, NISR, ARG, AYDN, DNZL, DENT, KARP, IZM, KDAG, ELL, APE, AKS, PRK.

NEIC 04 07:21:46.0, 36.80N-27.60E, h5km, MD3.2(ATH), After ATH

ATH 04 07:21:46.0, 36.79N-27.59E, h5km, MD3.2/4

ISC 04 07:21:47.4, 37.17N-28.02E, h17km, MD3.1

ISC 04 07:21:43.6, 0.6, 36.93N, 0.3, 27.72E, h10km, n13, n18, 1.13/17, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, MLSB, YER, NISR, AYDN, ARG, DENT, KARP, IZM, AKS, PRK.

IDC 04 07:30:12.9, 19.0, 29.11N-67.64E, mb3.6/4, mb1.3/7,4, mb1mx3.4/21, Error ellipse: s-maj=358.0km s-min=55.2km az=161.0

ISC 04 07:30:13.2, 1.4, 28.7N, 0.2, 67.48E, h0.09, h33km, n11, n18, 1.1/13, mb3.6/4, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NDI, SMLA, KOLN, GKN, KKN, PKI, GUN, MKAR, BVAR, ARCS, NOA.

IDC 04 07:38:31.1, 1.2, 10.31S, 161.08E, mb3.9/7, mb1.4/8, mb1mx4.0/15, ML4.0/1, MS3.5/5, Ms1.3/5, ms1.3/2, 16, Error ellipse: s-maj=59.6km s-min=22.4km az=133.0

NEIC 04 07:38:40.1, 1.4, 5.30S, 160.94E, h66km, 38km, mb4.1/2, Error ellipse: s-maj=31.8km s-min=19.7km az=115.0

ISC 04 07:38:35.1, 0.8, 10.3S, 0.2, 161.0E, h0.2, h33km, n12, n0.79/10, mb3.8/8, MS3.6/3, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, CTA, CTAO, WRA, STKA, ASAR, ASPA, MAW, ILAR, NVAR, MKAR, TXAR.

ISC 04 08:00:59.4, 36.96N-27.73E, h6km, MD3.3

ATH 04 08:01:01.7, 36.87N-27.68E, h28km, 4km, MD3.2/5

ISC 04 08:01:00.0, 0.8, 36.90N, 0.3, 27.75E, h0.05, h7km, 6km, n17, 1.07/25, 3C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, MLSB, YER, NISR, ARG, AYDN, DNZL, DENT, KARP, IZM, KDAG, KSL, MANT, ELL, APE, AKS, ISP.

IDC 04 08:28:14.6, 3.3, 18.65S-177.39W, mb3.5/3, mb1.3/8/3, mb1mx3.6/15, Error ellipse: s-maj=382.0km s-min=34.3km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM, MIY, OFU, JTH.

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

TRN 04 08:30:18.7, 12.58N-58.10W, h20km, MD4.0, MD4.2(FDF), 3C, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations SSV, SVB, GRCU, MVM, BIM, GRHS, CRM, GRW, PRU, TRN, DSTT.

PRU 04 08:31:30.7, 51.55N-16.08E

WAR 04 08:31:31.2, 51.55N-16.05E, ML2.6, Mining Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations KSP, DPC, PVCC, PRU, CLL, KHC, KHC.

IDC 04 08:40:07.9, 1.8, 16.04S-177.34W, mb4.0/6, mb1.4/3,6, mb1mx4.0/16, Error ellipse: s-maj=102.0km s-min=25.5km az=148.0

NEIC 04 08:40:09.5, 1.0, 16.06S-177.35W, h10km, mb4.6/1, Error ellipse: s-maj=56.7km s-min=14.1km az=150.0

ISC 04 08:40:08.2, 1.5, 16.0S-0.5, 177.4W, 0.3, h10km, n10, n0.5/25, 10, mb4.1/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations STKA, WBA, WRA, ASKA, KAKA, FITZ, ILAR, TXAR.

IDC 04 08:42:43.9, 2.0, 12.08N-93.23E, h54km, 87km, mb4.0/4, mb1.4/2,5, mb1mx3.7/19, ML4.5/1, MS2.8/1, Ms1.3/0/1, ms1mx2.6/21, 1C, Error ellipse: s-maj=100.0km s-min=52.4km az=64.0, Andaman Islands region

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

CASC 04 08:46:14.9, 2.0, 10.25N-86.28W, MD3.8, 5C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations VCR, JCR, CONN, FORC, TICN, CGA2, MGAN, COPN, PRS1, VPS2, LAJ, SJS, LEON, PYN, LCR2, LCR2, TEL3, TRTC, BUS.

NIED 04 08:53:00, 39.00N, 144.40E, h5km, Mw3.7 Best double couple: M4.59x10^14 NP1.9x157, 863, 1.99E. NP2: 6x365, 828, 1.73E

IDC 04 08:53:12.9, 1.5, 38.85N-144.87E, mb3.6/4, mb1.3/8,4, mb1mx3.5/22, Error ellipse: s-maj=42.3km s-min=33.1km az=93.0

NEIC 04 08:53:16.5, 7.0, 38.87N-144.87E, h23km, 50km, Error ellipse: s-maj=25.1km s-min=20.9km az=86.0

JMA 04 08:53:19.6, 0.2, 39.01N-144.36E, h45km, M3.9

ISC 04 08:53:17.5, 1.0, 39.06N, 0.05, 144.52E, 0.07, h36km, 10km, n27, n19, 23/40, mb3.6/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations MIY, OFU, JTH.

2004 AUG

4d 9h

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res, and various station identifiers like PYM, ORIF, MBDF, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res, and various station identifiers like MOS, KRSC, NEIC, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res, and various station identifiers like GYA, YWA, GYA, etc.

GZH	Guangzhou	45.68 249	P	P	11 11 46.6	-3.7
GZH	comp=Z,42nm,1.5s,mb5.2		LR	LR		
GZH	comp=N,1µm,20.8s,MS5.0		LR	LR		
GZH	comp=E,1µm,19.0s,MS5.0		LR	LR		
WMQ	comp=Z,2µm,19.3s,MS5.0		LR	LR		
WMQ	Urumqi	47.06 290	P	P	11 12 00.5	-0.3
WMQ	AP		pP	pP	11 12 13.5	-1.0
WMQ	XP		sP	sP	11 12 19.5	-1.0
WMQ	PCP		S	S	11 13 32.6	0.0
WMQ	XS		S	S	11 18 47.6	-0.5
WMQ	ScS		ScS	ScS	11 19 08.9	-0.3
WMQ	AMB		AMB	AMB	11 21 48.5	+0.7
WMQ	comp=Z,42nm,1.3s,mb5.2		AMB	AMB		
WMQ	comp=Z,103nm,8.6s		LR	LR		
KBS	comp=Z,3µm,15.6s,MS5.4		P	P	11 12 02.1	-3.9
KBS	Kingsbay	47.77 352	eP	eP	11 12 05.5	
KBS	Amb		AMB	AMB	11 12 07.9	
KBS	comp=Z,120nm,1.1s,mb5.9		eP	eP	11 13 55.4	-2.0
KBS	eP		PP	PP	11 18 54.4	-3.3
KBS	S		AMS	AMS	11 32 44.2	
KBS	comp=Z,1µm,19.9s,MS4.8		P	P	11 12 05.1	-0.9
KBS	Kingsbay	47.77 352	iP	iP	11 12 05.5	-0.5
KBS	Kingsbay	47.77 352	eP	eP		
KBS	comp=Z,120nm,1.0s		e	e	11 18 54.3	
KBS	LR		LR	LR		
SPITS	Spitsbergen Ar	48.02 350	P	P	11 12 06.6	-1.3
SPITS	comp=Z,458nm,1.3s,baz=90,slow=4.0,SNR=116		LR	LR		
SPITS	comp=Z,34nm,20.5s,baz=94,slow=36		LR	LR	11 31 54.7	
KURK	Kurchatov	48.03 302	iP	iP	11 12 05.6	-2.8
KURK	comp=Z,64nm,1.2s,mb5.5		P	P	11 12 08.3	-2.6
BMW	Boisfort Moun	48.35 64	eP	eP	11 12 08.3	-2.6
MKAR	Makanchi Array	48.35 296	P	P	11 12 08.3	-2.5
MKAR	comp=Z,5.0nm,0.5s,mb4.8,baz=58,slow=7.4,SNR=65		LR	LR	11 33 52.9	
MKAR	Makanchi Array	48.35 296	P	P	11 12 08.3	-2.6
MKAR	comp=Z,7.0nm,0.7s		pmax	pmax		
RMW	Rattlesnake Mo	48.55 63	P	P	11 12 12.8	+0.4
RMW	Rattlesnake Mo	48.55 63	eP	eP	11 12 12.7	+0.3
LOH	Longline	48.57 63	eP	eP	11 12 13.5	-2.1
NLW	Nelson Butte	48.98 61	P	P	11 12 15.7	0.0
HSD	Harness Mounta	50.23 67	eP	eP	11 12 26.0	+0.6
HSD	e		pP	pP	11 12 38.3	-0.8
DPW	Davenport	50.25 60	eP	eP	11 12 25.0	-0.5
KMI	Kunming	50.43 260	eP	eP	11 12 26.6	-0.6
KMI	AP		pP	pP	11 12 40.0	-0.9
KMI	PP		PP	PP	11 14 24.6	+0.7
KMI	PPP		PPP	PPP	11 15 23.3	+1.2
KMI	S		S	S	11 19 34.1	-1.4
KMI	ScS		ScS	ScS	11 22 12.2	+1.8
KMI	SS		SS	SS	11 23 03.9	-3.0
KMI	AMB		AMB	AMB		
KMI	comp=Z,321nm,5.1s		LR	LR		
KMI	comp=N,3µm,18.8s,MS5.3		LR	LR		
KMI	comp=E,2µm,21.3s,MS5.3		LR	LR		
KMI	comp=Z,2µm,25.6s,MS5.0		LR	LR		
KMI	Kunming	50.43 260	eP	eP	11 12 26.6	-0.6
KMI	comp=Z,20nm,2.0s,mb4.8		pP	pP	11 12 40.0	-0.9
KMI	PP		PP	PP	11 14 24.6	+0.7
KMI	PPP		PPP	PPP	11 15 23.3	+1.2
KMI	S		S	S	11 19 34.1	-1.4
KMI	ScS		ScS	ScS	11 22 12.2	+1.8
KMI	SS		SS	SS	11 23 03.9	-3.0
KMI	LR		LR	LR		
HAWA	comp=Z,2µm,25.6s,MS5.0		P	P	11 12 25.6	-1.3
HAWA	Hanford	50.43 62	eP	eP	11 12 27.2	-0.8
NEW	Newport	50.59 59	P	P	11 12 27.2	-0.8
NEW	comp=Z,6.6nm,1.0s,mb4.4,baz=301,slow=7.8,SNR=7.5		P	P	11 12 28.1	+0.1
NEW	Newport	50.59 59	P	P	11 12 28.1	+0.1
NEW	comp=Z,23nm,1.6s		P	P	11 12 27.4	-0.6
NEW	Newport	50.59 59	eP	eP	11 12 27.4	-0.6
VOSK	Vostochnaya	50.69 308	P	P	11 12 25.5	-3.2
VOSK	comp=Z,33nm,1.7s,mb4.8		pmax	pmax		
BVAO	Borovoye Array	50.79 309	iP	iP	11 12 26.5	-3.0
BVAR	Borovoye Array	50.79 309	P	P	11 12 26.6	-2.9
BVAR	comp=Z,9.8nm,0.5s,mb5.0,baz=59,slow=8.6,SNR=76		PcP	PcP	11 13 45.5	-0.6
BVAR	comp=Z,6.5nm,0.8s,baz=108,slow=4.7,SNR=4.4		P	P	11 17 40.6	
BRVK	Borovoye	50.82 309	eP	eP	11 12 27.0	-2.7
QIZ	Qiongzong	50.88 249	P	P	11 12 32.8	+2.2
QIZ	AP		pP	pP	11 12 47.0	+2.6
QIZ	S		S	S	11 19 46.9	+5.2
QIZ	AMB		AMB	AMB		
QIZ	comp=Z,52nm,1.9s,mb5.1		AMB	AMB		
QIZ	comp=Z,357nm,5.5s		LR	LR		
QIZ	comp=N,913nm,16.3s,MS5.1		LR	LR		
QIZ	comp=E,1µm,14.5s,MS5.1		LR	LR		
QIZ	comp=Z,982nm,16.1s,MS4.9		LR	LR		
QIZ	Qiongzong	50.88 249	eP	eP	11 12 32.3	+1.7
HIMO	Hull Mountain	50.88 68	eP	eP	11 12 47.2	+2.6
HIMO	comp=Z,15nm,1.4s,mb4.7		P	P	11 12 29.6	+0.7
BJO	Bjornoya	50.88 347	AMS	AMS	11 37 53.0	
DAG	comp=Z,726nm,19.6s,MS4.7		P	P	11 12 32.0	-1.4
DAG	Danmarks Havn	51.34 360	iP	iP		
LNOR	Lincoln Mounta	51.44 62	P	P	11 12 34.2	-0.3
ZRNK	Zerenda	51.49 309	iP	iP	11 12 31.7	-3.1
ZRNK	comp=Z,29nm,1.1s,mb5.1		ePcP	ePcP	11 13 47.0	-1.7
YBH	Yreka Blue Hor	51.58 69	eP	eP	11 12 36.0	+0.4
YBH	comp=Z,16nm,1.3s		P	P	11 12 36.0	+0.4
YBH	Yreka Blue Hor	51.58 69	eP	eP		
YBH	comp=Z,28nm,1.3s,mb5.0		P	P	11 12 39.1	-3.6
SOKR	Solkamsk	52.56 321	iP	iP	11 12 39.1	-3.6
SOKR	comp=Z,10.0nm,1.1s,mb4.7		MLR	MLR		
SOKR	comp=Z,2µm,18.0s,MS5.2		MLR	MLR		
MOD	Modoc	52.84 67	eP	eP	11 12 45.2	+0.1
MOD	comp=Z,39nm,1.5s,mb5.1		P	P	11 12 47.0	-0.4
MSO	Missoula	53.16 59	eP	eP	11 12 49.0	-0.4
WVOR	Wild Horse Val	53.44 66	eP	eP	11 12 49.4	-0.1
WVOR	comp=Z,28nm,1.5s,mb5.0		pmax	pmax		
WVOR	Wild Horse Val	53.44 66	eP	eP	11 12 49.4	-0.1
WVOR	comp=Z,28nm,1.5s,mb5.0		P	P	11 12 49.1	-0.6
LVZ	Lovozero	53.47 337	iP	iP	11 12 46.8	-2.6
LVZ	eS		S	S	11 20 13.1	-3.5
LVZ	i		P	P	11 22 30.6	
LVZ	comp=Z,39nm,1.2s,mb5.2		pmax	pmax		
LVZ	comp=N,17nm,1.3s		pmax	pmax		
LVZ	comp=E,13nm,1.7s		pmax	pmax		
LVZ	comp=N,70nm,1.9s		pmax	pmax		
LVZ	comp=Z,146nm,1.9s,mb5.6		pmax	pmax		
LVZ	comp=E,75nm,2.1s		smax	smax		
LVZ	comp=N,130nm,17.4s		smax	smax		

LVZ	comp=E,86nm,10.6s		MLR	MLR		
LVZ	comp=Z,3µm,20.0s,MS5.4		MLR	MLR		
LVZ	comp=N,2µm,19.0s,MS5.3		MLR	MLR		
LVZ	comp=E,1µm,17.0s,MS5.3		P	P	11 12 46.8	-2.6
LVZ	Lovozero	53.47 337	iP	iP	11 12 46.2	-4.3
KEV	Kevo	53.63 341	eP	eP	11 12 46.2	-4.3
KEV	comp=E,1.7nm,0.3s,mb4.5		P	P	11 12 46.2	-4.3
QHEM	comp=Z,2.0nm,0.3s,mb4.5		pmax	pmax		
KEV	53.84 70	eP	P	P	11 12 51.3	-1.2
KEV	Flin Flon	53.85 45	eP	eP	11 12 52.0	-0.4
KEV	FFC		e	e	11 12 52.7	
KEV	FFC		pmax	pmax		
FFC	comp=Z,9.0nm,1.0s,mb4.7		P	P	11 12 52.0	-0.3
FFC	Flin Flon	53.85 45	eP	eP		
FFC	comp=Z,6.5nm,0.9s,mb4.7		e	e	11 12 59.7	
FFC	Arti	53.93 318	iP	iP	11 12 50.0	-2.9
ARU	ARU		P	P	11 13 54.8	
ARU	ARU		i	i	11 14 50.7	
ARU	ARU		eS	eS	11 20 20.2	-2.7
ARU	ARU		eS	eS	11 22 34.9	
ARU	ARU		eSS	eSS	11 24 09.9	+5.9
ARU	comp=Z,18nm,1.1s,mb4.9		pmax	pmax		
ARU	comp=N,1µm,17.0s,MS5.3		MLR	MLR		
ARU	comp=E,2µm,17.0s,MS5.3		MLR	MLR		
ARU	comp=Z,2µm,17.0s,MS5.3		MLR	MLR		
ARU	Arti	53.93 318	iP	iP	11 12 50.2	-2.7
ARU	comp=Z,21nm,0.8s,mb5.1		P	P	11 12 50.7	-2.8
APA	Apatity	54.03 338	iP	iP	11 14 58.0	
APA	AP		ePPP	ePPP	11 16 03.0	-4.3
APA	AP		eS	eS	11 20 35.0	+1.1
APA	AP		pmax	pmax		
APA	comp=Z,92nm,1.6s,mb5.5		MLR	MLR		
ARCES	ARCCESS Array B	54.10 342	P	P	11 12 51.5	-2.5
ARCES	comp=Z,21nm,0.9s,mb5.1,baz=31,slow=7.1,SNR=45		LR	LR	11 38 52.6	
ARCES	ARCCESS Array B	54.10 342	P	P	11 12 51.5	-2.5
ARCES	comp=Z,21nm,0.9s		pmax	pmax		
ARCES	comp=Z,2µm,20.4s		MLR	MLR		
AREO	ARCCESS Array S	54.10 342	P	P	11 12 52.7	-1.3
BEKR	Beckworth	54.14 69	eP	eP	11 12 55.0	+0.2
BEKR	comp=Z,25nm,1.4s,mb5.7		P	P	11 12 55.4	-0.2
LSA	Lhasa	54.25 274	eP	eP	11 12 54.4	-1.2
LSA	Lhasa	54.25 274	eP	eP		
LSA	comp=Z,6.0nm,0.8s,mb4.6		pmax	pmax		
LSA	Lhasa	54.25 274	eP	eP	11 12 54.4	-1.2
LSA	comp=Z,8.2nm,0.8s,mb4.7		P	P	11 12 55.1	-1.0
HRY	Holler Researc	54.34 58	eP	eP	11 12 55.2	-0.9
FCC	Fort Churchill	54.36 38	eP	eP		
FCC	comp=Z,10.0nm,1.0s,mb4.7		pmax	pmax		
FCC	Fort Churchill	54.36 38	eP	eP	11 13 04.7	-5.3
FCC	TKM2	54.48 296	P	P	11 12 55.2	-2.0
USP	Ospenovka	54.86 297	P	P	11 12 57.9	-2.0
USP	SNR=14					
WCN	Washoe City	54.87 69	eP	eP	11 13 00.4	+0.4
WCN	comp=Z,40nm,1.6s,mb5.2		pmax	pmax		
WCN	Washoe City	54.87 69	eP	eP	11 13 00.4	+0.4
WCN	comp=Z,40nm,1.7s,mb5.2		P	P	11 12 59.1	-0.9
SUMC	Summit	54.92 7	eP	eP	11 13 01.0	-0.2
SUMC	comp=Z,77nm,1.0s,mb5.7		P	P	11 13 00.7	-0.5
HATLEY	Hatley	55.04 62	eP	eP	11 13 00.7	-0.5
HATLEY	comp=Z,6.2nm,1.2s,mb4.5		P	P	11 12 59.0	-2.5
MCMT	McKenzie Island	55.04 60	eP	eP		
FRU	Bishkek	55.08 297	eP	eP	11 12 59.0	-2.5
FRU	comp=Z,80nm,1.6s,mb5.5		pmax	pmax		
FRU	comp=Z,5µm,16.0s,MS5.7		MLR	MLR		
BOZ	Bozeman (W)	55.15 59	eP	eP	11 13 02.1	+0.1
BOZ	comp=Z,20nm,1.3s,mb5.0		pmax	pmax		
BOZ	Bozeman (W)	55.15 59	eP	eP	11 13 02.1	+0.1
BOZ	comp=Z,20nm,1.4s,mb4.9		P	P	11 43 19.5	
TRO	Tromso	55.20 344	AMS	AMS	11 43 19.5	
AAK	Ala-Archa	55.28 297	P	P	11 13 01.6	-1.3
AAK	SNR=7.2					
CMB	Columbia Colle	55.35 71	eP	eP	11 13 03.6	+0.1
CMB	comp=Z,9.0nm,1.1s,mb4.7		pmax	pmax		
CMB	Columbia Colle	55.35 71	eP	eP	11 13 07.6	0.0
CMB	comp=Z,8.6nm,1.1s,mb4.7		P	P	11 13 05.8	+0.8
BMN	Battle Mountai	55.56 67	eP	eP	11 13 05.8	+0.8
BMN	comp=Z,19nm,1.1s,mb5.0		pmax	pmax		
BMN	Battle Mountai	55.56				

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res. Includes stations like Vicchio, Bardonecchia, Grenoble, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res. Includes stations like TBI, ESDC, ESDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, MLSB Milas, YER Yerkesik, etc.

ORLT	Orhanelli	3.71 15	ePn	Pn	14 19 40.4 -1.2	KZIT	Kziot	8.08 135	Pn	P	14 20 57.5 -1.4	comp=Z,36nm,1.6s	VOY	Vojsko	13.87 316	ePn	P	14 22 05.8 -1.6	
ORLT	Orhanelli	3.31 15	Pn	Pn	14 19 42.6 +1.0	KZIT	Kziot		eSn	Sn	14 22 13.2 -8.0		VOY	Vojsko		ePn	P	14 22 06.5	
PTL	Penteli	3.34 292	ePB	Pb	14 19 42.2 -5.4	KCIB	Bajram Curri	8.11 315	eSn	Pn	14 20 51.0 +1.7		AKASG	Malin Array Be	13.89	4	Pn	P	14 22 06.5 -1.2
ATH	Athens Observa	3.43 290	ePB	Pb	14 19 43.6 -5.5	RTMM	Retaimin	8.14 133	Pn	P	14 20 49.0 -0.7		AKASG	comp=Z,0.6nm,0.3s,baz=184,slow=13,SNR=13				14 24 44.5 +1.5	
UDT	Uludag	3.46 17	iP	P	14 19 43.0 -0.7	SVTA	Shivta	8.19 134	Pn	P	14 20 49.4 -1.0		AKASG	comp=Z,0.6nm,0.3s,baz=191,slow=24,SNR=3.4				14 27 48.6	
MPAR	Parnis Oros	3.47 293	ePn	Pn	14 19 44.0 +0.1	DRVT	Drovt	8.19 128	Pn	P	14 20 49.4 -1.0		AKASG	comp=Z,3um,18.8s,baz=185,slow=39				14 31 01.4	
EDC	Edincik	3.50 1	ePn	Pn	14 19 42.8 -1.4	BOLS	Boljevac	8.27 329	iPn	Pn	14 20 49.8 -1.7		AKASG	comp=Z,0.4nm,0.3s,baz=225,slow=1.3,SNR=5.4				14 22 06.5 -1.2	
BNT	Bandirma	3.50 1	ePn	Pn	14 19 43.7 -0.5	PVY	Plav	8.31 316	iPn	Pn	14 20 52.0 +0.2		AKASG	comp=N,1.0nm,0.3s		pmax	pmax	14 24 44.5	
BNT	Bandirma	3.51 2	ePn	Pn	14 19 42.7 -1.7	PVY	Plav		eSn	Sn	14 20 52.1 0.0		AKASG	comp=Z,3um,18.8s,baz=185,slow=39				14 22 06.5 -1.2	
BNT	Bandirma	3.51 2	ePn	Pn	14 19 43.9 -0.5	ISR	Istrita	8.32 354	iPn	Pn	14 22 23.9 -3.2		AKASG	comp=N,1.0nm,0.3s		MLR	MLR	14 24 44.5	
NAIG	Nisos Aigina	3.54 286	ePn	Pn	14 19 44.9 +1.0	ISR	Istrita	8.32 354	iPn	Pn	14 20 52.8 +0.6		AKASG	comp=Z,1.0nm,0.3s		MLR	MLR	14 22 06.5 -1.2	
NSAL	Nisos Salamina	3.60 288	ePn	Pn	14 19 46.0 +0.3	ULC	Ulcinj	8.35 310	iPn	Pn	14 20 52.8 +0.2		AKASG	comp=N,1.0nm,0.3s		MLR	MLR	14 24 44.5	
ESKT	Esiksehir	3.60 41	ePn	Pn	14 19 45.9 +0.2	ULC	Ulcinj		eSn	Sn	14 22 25.1 -2.9		AKASG	comp=Z,3um,18.8s		MLR	MLR	14 22 06.5 -1.2	
ESKT	Esiksehir	3.60 41	iP	Pn	14 19 47.0 +1.3	MZDA	Masada	8.37 129	Pn	P	14 20 51.6 -1.2		AKASG	comp=N,1.0nm,0.3s		MLR	MLR	14 24 44.5	
ESKT	Esiksehir	3.60 41	Pn	Pn	14 19 45.7 0.0	MZDA	Masada	8.37 129	Pn	P	14 20 51.6 -1.2		AKASG	comp=Z,3um,18.8s		MLR	MLR	14 22 06.5 -1.2	
LPK	Lapsaki	3.61 348	ePn	Pn	14 19 44.9 -1.0	MZDA	Masada	8.37 129	Pn	P	14 20 51.6 -1.2		AKASG	comp=N,1.0nm,0.3s		MLR	MLR	14 24 44.5	
LPK	Lapsaki	3.61 348	Pn	Pn	14 19 46.2 +0.3	MZDA	Masada	8.37 129	Pn	P	14 20 51.6 -1.2		AKASG	comp=Z,3um,18.8s		MLR	MLR	14 22 06.5 -1.2	
LIA	Limnos Island	3.67 327	ePn	Pn	14 19 46.3 -0.4	SALA	Sala	8.44 117	iP	Pn	14 20 54.0 +0.2		T12	Plekhanov	14.02 64	eP	P	14 22 15.0 +5.6	
MRMT	Marmara Adasi	3.76 358	ePn	Pn	14 19 47.0 -0.9	IVA	Berane	8.54 317	iPn	Pn	14 20 55.5 +0.2		T12	comp=N,5um,9.0s		MLR	MLR	14 22 15.0 +5.6	
MRMT	Marmara Adasi	3.76 358	Pn	Pn	14 19 46.5 -1.4	IVA	Berane		eSn	Sn	14 22 30.0 -2.7		T12	comp=E,5um,9.0s		MLR	MLR	14 22 15.0 +5.6	
HDMB	Hadim	3.77 87	Pn	Pn	14 19 51.5 +3.4	TTG	Podgorica	8.62 313	iPn	Pn	14 20 56.7 +0.4		T12	comp=N,5um,9.0s		MLR	MLR	14 22 15.0 +5.6	
HDMB	Hadim	3.77 87	Pn	Pn	14 19 52.9 +4.2	TTG	Podgorica		eSn	Sn	14 22 31.4 -3.3		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KONT	Konya-Tatoy	3.81 72	ePn	Pn	14 19 51.2 +2.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KONT	Konya-Tatoy	3.81 72	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KONT	Konya-Tatoy	3.81 72	Pn	Pn	14 19 52.9 +4.2	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.0 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 51.0 +2.1	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.5 +0.5	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 48.5 -1.0	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7		T12	comp=Z,4um,9.0s		MLR	MLR	14 22 15.0 +5.6	
KIZT	Kizical	3.83 57	Pn	Pn	14 19 49.6 +0.7	MLR	Muntele Rosu	8.75 351	Pn	P	14 20 56.5 -1.7								

az=2.0
NIC 04 15:59:44.6:0.3,37.19N:28.13E,h57km,mb4.8,ML4.4,
MW3.9

NSCC 04 15:59:56.1,36.512N,28.93E,h40km
ISC 04 15:59:39.2:0.5,36.88N,0.02:27.80E,0.02,h12km,4km,
n201,0.1712/226,mb4.0/17,MS3.7/8,9C-6D,Dodecanese
Islands

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

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Contains event data for stations like ASF, PRNI, TIP, MBH, etc.

Table of seismic events for stations ARCES, ZRKN, BRVK, BVAR, KURK, MKAR, MKAR, MKAR, MKAR, NVS, NVS, NVS, DBIC, DBIC, LIC, ZAK, SOMM, CMAR, CMAR, NJ2, YKA, BDFB, BBB, WDAR, PRA, ASAR. Includes event details and station information.

OTT 04 16:00:11.8:0.2,52.76N:67.27W, MN2.8/6, Blast, Mont, Quebec

Table of seismic events for stations SCHO, SCHQ, MNQ, MNQ, SMQ, SMQ, ICQ, ICQ, CNO, CNO, GSO, GSO, LG4Q, LG4Q, DAO, LMO, DRLN, LMO, VIMM, SILO. Includes event details and station information.

OTT 04 16:04:19.8:0.2,73.75N:152.13W, h109km, 30km, n9, 0.088/15, mb3.7/3, Timor region

Table of seismic events for stations FITZ, FITZ, FITZ, KAKA, KAKA, WRA, WRA, WB2, ASAR, ASAR, STKA, MKAR, GSPA. Includes event details and station information.

Table with columns: LMQ, comp, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Manicouagan, Schefferville, etc.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes Pinedale Array, etc.

Table with columns: comp, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes Panska Ves, Tabuk, etc.

GCQ 04 16:28:54.1, 14.19N;93.47W, h63km, MD4.9, ML5.1
MEX 04 16:28:57.4, 14.1, 13.90N;93.21W, h70km,57km, MD4.5
BUJ 04 16:29:03.5, 14.20N;92.80W, h53km, Ms4.5, Ms24.3
NEIC 04 16:29:03.6, 1.1, 14.25N;92.83W, h53km,9km, mb4.2/11, MD4.6(MEX), Error ellipse: s-maj=15.7km s-min=6.7km az=221.0

IDC 04 16:46:29.4,3.8, 17.89S;178.57W, h534km,43km, mb3.7/16, mb1.3/9/16, mb1mx3.8/21, Error ellipse: s-maj=21.0km s-min=17.5km az=13.0
BUJ 04 16:46:31.5, 17.80S;178.70W, h557km,24km, mb4.5
NEIC 04 16:46:31.5, 2.2, 17.79S;178.71W, h557km,24km, mb4.4/15, Error ellipse: s-maj=13.2km s-min=12.5km az=131.0

comp=Z,4.6nm,0.8s
PVCC Panska Ves 145.56 345 eP PKPdf 17 05 08.6 +3.3
TBKS Tabuk 145.88 294 p PKPdf 17 05 10.7 +4.2
PRU Prunichon 146.07 344 ePKP PKPdf 17 05 09.8 +3.6
VYHS Vyhne 146.11 339 f PKP PKPdf 17 05 10.0 +3.7
MXK Moxa 146.12 348 f P PKPdf 17 05 09.7 +4.4
PSZ Pizsketeto 146.21 397 eP PKPdf 17 05 10.0 +3.5
BDAS Al Bad' 146.29 295 p PKPdf 17 05 13.5 +4.9
KHC Kasperske Hory 147.10 345 ePKP PKPdf 17 05 12.7 +4.8
KHC 147.10 345 ePKP PKPdf 17 05 16.3

IDC 04 16:29:06.3,3.7, 14.37N;92.69W, h74km,31km, mb3.9/9, mb1.4/1/1, mb1mx3.9/20, MS3.7/8, Ms1.3/7/8, ms1mx3.4/25, Error ellipse: s-maj=32.3km s-min=19.3km az=51.0

ISC 04 16:46:32.2,1.5, 17.74S;0.08,178.87W-0.07, h571km,19km,n128,0.0998/61,mb4.2/30,11C-5D, Fiji Islands region

comp=Z,2.6nm,0.7s
BAIF Baives 147.66 356 ePKP1 PKPdf 17 05 13.9 +5.1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 04 16:39:33.5,4.0, 0.181S;176.42W, mb3.6/3, mb1.3/9/3, mb1mx3.7/14, Error ellipse: s-maj=294.0km s-min=34.8km az=154.0, Fiji Islands region

ISK 04 16:54:20.1, 36.96N;27.78E, h5km, MD3.1
ATH 04 16:54:20.5, 36.78N;27.48E, h5km, MD3.0/5
NEIC 04 16:54:21.0, 36.78N;27.52E, h5km, MD3.4(ATH), After ATH.

ISC 04 16:54:18.9,0.5, 36.86N;0.03,27.70E,0.05, h5km, n16, 0.0932/21, IC, Dodecanese Islands

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

NEIC 04 17:01:44.8, 36.92N;27.80E, h30km, MD2.9(ATH), After ATH.

ATH 04 17:01:44.8, 36.92N;27.80E, h30km,5km, MD2.9/4, Dodecanese Islands

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

ISK 04 17:05:34.7, 36.95N;27.75E, h5km, MD3.3
NEIC 04 17:05:35.5, 36.86N;27.53E, h22km, MD3.2(ATH), After ATH.

ATH 04 17:05:35.5, 36.86N;27.53E, h22km,5km, MD3.2/6, Dodecanese Islands

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

ISK 04 17:08:31.2, 36.90N;27.73E, h7km, MD3.2
ATH 04 17:08:31.2, 36.84N;27.68E, h30km, MD3.0/4
ISC 04 17:08:29.8, 1.1, 36.82N;0.05, 27.69E, 0.05, h2km,8km, n13, 0.094/19, Dodecanese Islands

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

NVS	Novosibirsk	43.40	305	iP	P	21 23 10.5	-3.3
NVS						21 24 59.9	
NVS				iS	S	21 29 32.8	-4.5
NVS				e		21 33 07.0	
NVS	comp=Z,60nm,1.2s,mb5.2			pmax	pmax		
NVS	comp=N,27nm,1.5s			pmax	pmax		
NVS	comp=E,49nm,1.4s			pmax	pmax		
NVS	comp=N,40nm,1.5s			smax			
NVS				smax			
YKWS	Yellowknife Ar	44.00	42	eP	P	21 23 17.6	-1.0
YKA	Yellowknife Ar	44.03	42	P	P	21 23 18.2	-0.7
YKA	comp=E,8.4nm,0.9s,mb4.5,baz=298,slow=8.1,SNR=20			LR	LR	21 44 34.6	
YKA	Yellowknife Ar	44.03	42	P	P	21 23 18.2	-0.6
YKA	comp=Z,8.0nm,0.9s			pmax			
YKA	comp=Z,2.4um,19.4s			MLR	MLR		
YKA	Yellowknife Ar	44.03	42	P	P	21 23 18.2	-0.7
YKA				LR	LR	21 44 34.5	
RES	Resolute Bay	44.28	22	eP	P	21 23 19.2	-1.5
RES				pmax			
RES	Resolute Bay	44.28	22	eP	P	21 23 19.1	-1.5
RES	comp=Z,14nm,0.8s,mb4.7			pmax			
CD2	Chengdu	45.59	265	iP	S	21 23 31.2	-0.6
CD2				AMB	AMB	21 30 05.8	-3.5
CD2	comp=Z,30nm,1.1s,mb5.1			LR	LR		
CD2	comp=E,4um,14.4s			LR	LR		
CD2	comp=Z,5um,18.0s,MS5.5			LR	LR		
GZHZ	Guangzhou	45.64	249	P	P	21 23 27.2	-5.1
GZHZ	comp=Z,99nm,1.1s,mb5.7			LR	LR		
GZHZ	comp=N,2um,20.8s,MS5.2			LR	LR		
GZHZ	comp=E,2um,18.3s,MS5.2			LR	LR		
GZHZ	comp=Z,3um,20.2s,MS5.2			LR	LR		
WMQ	Urumqi	47.00	290	iP	P	21 23 42.3	-0.4
WMQ				AP	pP	21 23 56.3	-1.0
WMQ				PCP	pP	21 25 14.8	+0.2
WMQ				S	S	21 30 28.3	-0.9
WMQ				ScS	ScS	21 33 29.3	+0.1
WMQ	comp=Z,73nm,1.2s,mb5.5			AMB	AMB		
WMQ	comp=Z,342nm,11.0s			LR	LR		
WMQ	comp=N,2um,15.1s,MS5.5			LR	LR		
WMQ	comp=E,4um,15.4s,MS5.5			LR	LR		
WMQ	comp=Z,6um,15.2s,MS5.7			LR	LR		
GYA	Guiyang	47.02	258	iP	P	21 23 43.0	-0.1
GYA				PP	PP	21 25 33.6	-0.1
GYA				PP	PP	21 30 29.9	+0.2
GYA	comp=Z,30nm,1.2s,mb5.1			AMB	AMB		
GYA	comp=Z,400nm,7.2s			LR	LR		
GYA	comp=N,3um,21.2s,MS5.4			LR	LR		
GYA	comp=E,2um,19.4s,MS5.4			LR	LR		
GYA	comp=Z,2um,23.3s,MS5.1			LR	LR		
KBS	Kingsbay	47.74	352	eP	P	21 23 44.5	-3.5
KBS				eP		21 23 48.2	
KBS	comp=Z,115nm,1.5s,mb5.7			AMB	AMB	21 23 49.9	
KBS	comp=Z,2um,15.0s,MS5.2			eP	P	21 23 47.4	-0.7
KBS				pmax			
KBS	comp=Z,93nm,1.1s,mb5.7			P	P	21 23 48.2	+0.2
KBS	comp=Z,115nm,1.5s,mb5.7			eP	P	21 23 47.4	-2.8
KURK	Kurchatov	47.97	302	eP	P	21 23 47.4	-2.8
KURK	comp=Z,67nm,0.9s,mb5.7			P	P	21 23 52.2	+0.5
RPW	Rockport	48.16	61	eP	P	21 23 50.6	-2.1
MKAR	Makanchi Array	48.29	296	P	P	21 45 34.7	
MKAR	comp=Z,11nm,0.6s,mb5.1,baz=294,slow=6.6,SNR=91			LR	LR	21 23 50.6	-2.1
MKAR	Makanchi Array	48.29	296	P	P	21 23 50.6	-2.1
MKAR	comp=Z,6um,18.2s,MS5.6,baz=31,slow=38			pmax	pmax		
MKAR	comp=Z,11nm,0.6s			MLR	MLR		
BMW	Boistfort Moun	48.38	64	P	P	21 23 54.5	+1.1
RMW	Rattlesnake M	48.58	62	P	P	21 23 55.4	+0.4
TGY	Tagaytay City	48.92	234	P	P	21 23 59.2	+1.2
TGY	comp=Z,187nm,0.5s,baz=294,slow=6.6,SNR=8.2			pmax	pmax		
TGY	Tagaytay City	48.92	234	P	P	21 23 59.2	+1.2
LON	Longmeir	49.00	63	P	P	21 24 01.8	+3.6
NLW	Nelson Butte	49.01	61	P	P	21 23 57.8	-0.5
SSOR	Sweet Springs	49.80	66	eP	P	21 24 05.3	+1.0
HSO	Harness Mounta	50.26	67	P	P	21 24 09.5	+1.6
DPW	Davenport	50.28	60	eP	P	21 24 08.0	-0.0
VGB	Gordon Butte	50.33	64	P	P	21 24 09.6	+1.2
KMI	Kunming	50.38	260	eP	P	21 24 08.6	-0.5
KMI				eP		21 24 16.3	-7.5
KMI				PCP	pP	21 25 27.5	+0.4
KMI				PP	PP	21 26 01.5	-4.3
KMI				SCP	S	21 29 22.0	
KMI				SS	SS	21 31 14.1	-2.6
KMI				AMB	AMB	21 34 45.6	-2.4
KMI	comp=Z,25nm,1.1s,mb5.2			AMB	AMB		
KMI	comp=Z,437nm,6.8s			LR	LR		
KMI	comp=N,4um,18.5s,MS5.5			LR	LR		
KMI	comp=E,1um,15.8s,MS5.5			LR	LR		
KMI	comp=Z,4um,24.8s			LR	LR		
KMI	comp=Z,25nm,1.1s,mb5.2			eP	P	21 24 08.6	-0.5
KMI				pP	pP	21 24 16.3	-7.5
KMI				PCP	pP	21 25 27.5	+0.4
KMI				PP	PP	21 26 01.5	-4.3
KMI				ScP	S	21 29 22.0	
KMI				S	S	21 31 14.1	-2.6
KMI				SS	SS	21 31 30.2	
KMI				SS	SS	21 34 45.6	-2.4
HAWA	Hanford	50.47	62	eP	P	21 24 09.8	+0.4
NEW	Newport	50.62	59	eP	P	21 24 10.7	+0.1
NEW	comp=Z,15nm,1.3s			pmax	pmax		
NEW				MLR	MLR		
NEW	comp=Z,2um,22.0s			LR	LR	21 24 10.7	+0.1
NEW	comp=Z,15nm,1.4s,mb4.7			LR	LR		
VOSK	Vostochnaya	50.63	308	P	P	21 24 07.3	-3.3
VOSK	comp=Z,38nm,1.3s,mb5.2			pmax	pmax		
VOSK	Vostochnaya	50.63	308	iP	P	21 24 07.4	-3.2
BVAO	Borovoye Array	50.73	309	P	P	21 24 08.4	-2.9
BVAR	Borovoye Array	50.73	309	LR	LR	21 47 44.6	
BRVK	Borovoye	50.76	309	eP	P	21 24 08.7	-2.9
BRVK	comp=Z,37nm,1.0s,mb5.3			eP	P	21 25 27.3	-0.8
QIZ	Qiongzong	50.84	249	P	P	21 24 14.4	+1.8
QIZ				S	S	21 31 29.2	+6.1

QIZ	comp=Z,95nm,1.4s,mb5.5			AMB	AMB		
QIZ	comp=Z,598nm,7.7s			LR	LR		
QIZ	comp=N,1um,16.1s,MS5.3			LR	LR		
QIZ	comp=E,2um,14.9s,MS5.3			LR	LR		
QIZ	comp=Z,1um,16.8s,MS5.0			P	P	21 24 14.7	+2.1
QIZ	Qiongzong	50.84	249	P	P	21 24 13.3	+0.7
QIZ	Qiongzong	50.84	249	eP	P	21 49 14.7	
BJO	Bjornoya	50.85	347	AMS	AMS	21 49 14.7	
HUMO	Hull Mountain	50.92	68	eP	P	21 24 12.1	-0.8
DAG	Danmarks Havn	51.31	359	iP	P	21 24 13.9	-1.6
DAG	comp=Z,5.8nm,1.0s,mb4.5			eP	P	21 24 13.9	-1.6
DAG	Danmarks Havn	51.31	359	eP	P	21 24 13.9	-1.6
DAG	comp=Z,104nm,1.3s,mb5.6			eP	P	21 24 13.7	-3.0
ZRNK	Zerenda	51.44	309	P	P	21 24 13.8	-2.9
ZRNK	comp=Z,34nm,1.2s,mb5.2			pmax	pmax		
ZRNK	Zerenda	51.44	309	iP	P	21 24 17.6	+0.5
LNOR	Lincton Mounta	51.47	62	eP	P	21 24 19.0	+0.8
YBH	Yreka Blue Hor	51.62	69	eP	P	21 24 18.9	+0.8
YBH	comp=Z,8.0nm,1.0s			pmax	pmax		
YBH	Yreka Blue Hor	51.62	69	eP	P	21 24 18.9	+0.8
WDC	Whiskeytown Da	52.46	70	eP	P	21 24 24.9	+0.4
WDC	comp=Z,4.0nm,0.9s,mb4.3			pmax	pmax		
WDC	Whiskeytown Da	52.46	70	eP	P	21 24 24.9	+0.4
WDC	comp=Z,4.2nm,0.9s,mb4.4			P	P	21 24 21.4	-3.2
SOKR	Solikamsk	52.51	321	iP	P	21 24 28.6	-2.8
SOKR	comp=Z,10.0nm,1.1s,mb4.7			pmax	pmax		
SOKR				MLR	MLR		
LVZ	comp=Z,3um,18.0s,MS5.4			P	P	21 25 35.8	
LVZ	Lovozero	53.43	337	iP	P	21 26 30.5	
LVZ				i	S	21 31 54.8	-3.0
LVZ				i	SS	21 35 37.3	-0.5
LVZ				eS	SS	21 37 32.0	+1.4
LVZ				i	SSS		
LVZ				i	SSS		
LVZ	comp=E,9.0nm,1.4s			pmax	pmax		
LVZ	comp=Z,49nm,1.4s,mb5.2			pmax	pmax		
LVZ	comp=N,18nm,1.3s			pmax	pmax		
LVZ	comp=E,28nm,1.7s			pmax	pmax		
LVZ	comp=Z,142nm,1.7s,mb5.6			pmax	pmax		
LVZ	comp=N,55nm,1.6s			smax			
LVZ	comp=Z,88nm,17.4s			smax			
LVZ	comp=N,77nm,4.1s			smax			
LVZ	comp=E,184nm,6.8s			MLR	MLR		
LVZ	comp=Z,5um,19.0s,MS5.6			MLR	MLR		
LVZ	comp=N,4um,20.0s,MS5.6			MLR	MLR		
LVZ	comp=E,2um,17.0s,MS5.6			MLR	MLR		
LVZ	Lovozero	53.43	337	iP	P	21 24 29.2	-2.2
WVOR	Wild Horse Val	53.48	66	eP	P	21 24 31.8	-0.3
WVOR	comp=Z,10.0nm,1.1s,mb4.7			pmax	pmax		
WVOR				MLR	MLR		
WVOR	comp=Z,2um,22.0s,MS5.1			LR	LR	21 24 31.8	-0.3
WVOR	Wild Horse Val	53.48	66	eP	P	21 24 31.8	-0.3
WVOR	comp=Z,10nm,1.1s,mb4.7			LR	LR		
CHMT	Chamberlain M	53.50	58	eP	P	21 24 30.8	-1.4
KEV	Kevo	53.59	341	eP	P	21 24 28.4	-4.1
FFC	Fin Flon	53.87	45	eP	P	21 24 37.7	-1.1
FFC	comp=Z,16nm,1.0s,mb4.9			pmax	pmax		
FFC	Fin Flon	53.87	45	eP	P	21 24 33.6	-1.1
FFC	comp=Z,16nm,1.0s,mb4.9			P	P	21 24 32.1	-2.7
ARU	Arti	53.87	318	iP	P	21 25 36.2	
ARU				LR	LR	21 26 31.2	
ARU				eS	S	21 32 02.7	-1.3
ARU				e	SS	21 34 12.9	
ARU				eSS	SS	21 35 50.6	+5.6
ARU	comp=Z,26nm,1.3s,mb5.0			pmax	pmax		
ARU	Arti	53.87	318	eP	P	21 24 31.5	-3.3
ARU	comp=Z,3um,18.0s,MS5.4			P	P	21 24 35.0	-0.1
ARU	comp=Z,14nm,0.4s,mb4.7			P	P	21 24 34.8	-0.6
OHCM	Honcuit	53.89	70	eP	P	21 32 05.0	-0.3
APA	Apatity	53.98	337	iP	P	21 32 23.0	-1.4
APA				eS	SS	21 32 20.3	-1.4
APA				ePS	pmax		
APA	comp=Z,64nm,1.5s,mb5.3			MLR	MLR		
APA	comp=Z,4um,18.0s,MS5.5			MLR	MLR		
APA	comp=N,3um,19.0s,MS5.5			MLR	MLR		
ARCES	ARCCESS Array B	54.06	342	P	P	21 24 34.2	-1.8
ARCES	comp=Z,2um,20.4s,MS5.2,baz=29,slow=39			LR	LR	21 50 24.8	
ARCES	ARCCESS Array B	54.06	342	P	P	21 24 34.2	-1.8
ARCES	comp=Z,24nm,0.9s			pmax	pmax		
ARCES				MLR	MLR		
AREO	ARCCESS Array S						

Table with columns for call sign, name, frequency, and other details. Includes entries like HGN Heimansgroeve, HGN Heidebeek, HGN Heidebeek, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like LJU Ljubljana, HNF Hinterfeld, HRT Hereke, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like REV Reverse, MEV Metsoven, LFF La Frestrate, etc.

4d 22h

Table with columns: EVO, EQES, EMIN, TATS, ELJO, BLUS, ESPR, LTSH, LPTB, PLCA, SUR, SYO, YSO, YSO, YSO, YSO, YSO, TRQA, USHA, SNA, SNA, SNA, SNA, VNA, VNA, VNA, VNA, VNA.

CASC 04 21:19:20.1-1.9, 12.07Nk.88.68W, h36km, 67km, MD3.9
ISC 04 21:19:18.0-0.8, 11.98N.0.06-88.71W, 0.04, h43km, 45km, n22, 0.082/36, 4C-4D, Off coast of central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Miguel, Bellamira, Conchagua, San Vicente, El Faro, La Ceiba, Poneloya, Boqueron, Telica 3, Miramar, San Blas, San Jose, Copaltepe, El Retiro, Momotombo, Robledal, Managua, Ticuantepe, Concepcion, Jicaral, Bijuagal, Urasca.

ISC 04 21:31:57.5-1.9, 17.65N.69.43W, h111km, 18km, mb3.8/2, mb1.4/24, mb1mx3.7/19, Error ellipse: s-maj=41.1km s-min=9.8km az=99.0

NEIC 04 21:31:58.0-0.9, 18.67S.69.53W, h126km, 13km, mb4.0/2, Error ellipse: s-maj=18.0km s-min=12.5km az=70.0

ISC 04 21:31:57.1-0.7, 18.70S.0.05-69.45W, 0.09, h126km, 10km, n12, 0.093/14, mb3.7/2, 1C, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like La Paz, Arequipa, Limon Verde, Nana, Samuel, BDFB, PLCA, ULM, NVAR, YKA, YKA.

ISC 04 22:03:00.9-8.4, 8.39N.126.59E, h123km, 86km, mb3.5/8, s-maj=66.5km s-min=14.5km az=82.0

ISC 04 22:02:50.0-0.6, 8.44N.0.04-126.93E, 0.05, h33km, n26, 0.118/33, mb3.8/1, C-4D, Mindanao

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bislig, Butuan, Mati, Musuan, Gagayan de Oro, Kidapawan, Maasin, Cotabato-PC H, General Santos, Borongan, Lapu-Lapu, Pagadian, Catamaran, Jordan, RCP, Kumigami, Nakatsu, Fitzroy Crossi, Fitzroy Crossi.

Table with columns: WRA, ASAR, SONM, MKAR, FINES, WRA.

LDG 04 22:04:31.6-0.1, 44.44N.6.76E, h2km, Md2.2/3, Ml2.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=68.0

STR 04 22:04:32.1-0.1, 44.44N.6.83E, h5km, 1km, Ml2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 04 22:04:30.6-0.3, 44.44N.0.02-6.74E, 0.04, h1km, 4km, n19, 0.065/36, France

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Saint Ours, Montbardon, Abries, Mont Tourmerai, Mont Vial, L'Aution, Aurere, Calern, Saorge, Sospel, Oris-en-Rattie, Reverre, La Foret Royal, Simiane la Rot, La Plagne, LPL, LMR, Saint-Julien-l-Isle, Pioggiola.

STR 04 22:11:31.7-0.1, 42.85N.0.25W, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 04 22:11:32.5-0.4, 42.84N.0.25W, mbLq0.8/4, Error ellipse: s-maj=4.6km s-min=1.7km az=174.0, PRXIMO

LDG 04 22:11:32.1-0.1, 42.84N.0.25W, h2km, Md1.8/2, Ml1.7/1, Error ellipse: s-maj=2.5km s-min=0.8km az=174.0

ISC 04 22:11:31.0-0.8, 42.79N.0.06-0.23W, 0.03, h5km, n14, 0.083/21, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Viey, Les Forges d'A, Les Forges d'A, Etsaut, Montagne du Re, Labassere, Esparros, Ste Jean, Alkuruntz, MTLF, EJON.

NEIC 04 22:12:09.0, 26.79S.69.92W, h87km, MD4.0(GUC), After GUC

GUC 04 22:12:09.0, 1.0, 26.79S.69.92W, h87km, 14km, MD3.6, Ml4.3, 1C, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Copiapo, Vallendar, Cerro Paranal, Antofagasta, Tololo Astrono, Limon Verde.

ISC 04 22:18:40.8-1.9, 12.37N.126.15E, mb4.1/6, mb1mx3.9/19, Error ellipse: s-maj=76.7km s-min=19.3km az=57.0

NEIC 04 22:18:40.3-0.8, 12.68N.126.64E, h10km, mb4.3/1, Error ellipse: s-maj=31.7km s-min=14.1km az=66.0

ISC 04 22:18:38.4-0.8, 12.68N.0.1-126.45E, 0.09, h10km, n13, 0.081/14, mb4.1/7, Philippine Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Borongan, Catarman, Rorac, PVP, RCP, Chiang Mai Arr.

Table with columns: FITZ, WRAB, WRA, ASAR, STKA, MKAR, MKAR, SML.

ISK 04 22:20:06.8, 36.91N-27.69E, h5km, MD3.2, NEIC 04 22:20:09.9, 36.86N-27.59E, h22km, MD3.0(ATH), After ATH

ATH 04 22:20:09.9, 36.86N-27.59E, h22km, 3km, MD3.0/5

ISC 04 22:20:08.5-0.7, 36.90N.0.03-27.69E, 0.04, h9km, 5km, n16, 0.097/25, 1C, Decadence Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kayabasi, Milas, Yerkesik, Nisiros, Arkhangelos, Tasuluk, Samos, Cakirokul, Denizli, Karpathos, Izmir, Borovna, Kastellorizon, Manisa, Elmali, Akhisar.

ISC 04 22:22:18.0-0.5, 15.10N.147.08E, mb4.5/20, mb1.4/6/20, mb1mx4.5/27, MS3.9/7, M1 3.9/7, ms1mx3.6/29, Error ellipse: s-maj=19.4km s-min=12.9km az=98.0

MOS 04 22:22:20.3-0.9, 15.19N.147.16E, h33km, mb5.2/5, Error ellipse: s-maj=30.3km s-min=12.9km az=117.3

BUI 04 22:22:2.4, 15.43N.147.26E, h44km, h44km, mb5.0, Ms4.4, Msz4.0

NEIC 04 22:22:24.3-1.0, 15.06N.147.01E, h44km, 8km, mb4.8/17, Error ellipse: s-maj=9.3km s-min=5.8km az=92.0

ISC 04 22:22:1.1-1.0, 15.07N.0.05-146.96E, 0.07, h58km, 8km, h38km, 5.2km, p-P, n105, 0.092/94, mb4.7/57, MS4.0/8, 14C-3D, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Saipan, Anatahan, Anatahan, Anatahan, Sarigan, Guam, Chichi jima, Kumigami, Matusushiro, Natun, Port Moresby, Tagaytay City, Wonyu Array Si, Asahikawa, Kakadu, Wuhan, Beijing, Tennant Creek, Warramunga Arr, Warramunga Arr, Enshi, Fitzroy Crossi, Fitzroy Crossi, Xian, Xian, Guiyang.

comp-Z, 1.3m, 1.3s, mb4.3

comp-Z, 2.2m, 1.0s, mb4.9

comp-Z, 1.5m, 1.2s, mb4.7

comp-Z, 1.1m, 1.0s, mb4.9

comp-Z, 1.6m, 1.3s, mb4.5

comp-Z, 1.6m, 1.3s, mb4.6

comp-Z, 0.93m, 1.3s, mb5.3

comp-Z, 2.2m, 1.0s, mb4.9

comp-Z, 1.8m, 0.8s, baz=104, slow=1.9, SNR=4.2

comp-Z, 0.93m, 1.9s, MS3.7, baz=291, slow=34

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Borongan, Catarman, Rorac, PVP, RCP, Chiang Mai Arr.

4d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AB31 Akbulak array, DUG Dugway, PDAR Pinedale Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRTR Keskin Array B, WTTA Wattenberg, MEZF Maizieres J'vi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LOF Lofoten, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

NNC 04 23:07:32.3; 8.2, 37.13N; 69.95E, mpv3.3, Error ellipse: s-maj=169.5km s-min=65.9km az=93.0

ISC 04 23:07:35.0; 3.5, 36.9N; 0.2; 70.1E; 0.3, h218km; 31km, n11, 0; 674/12, 2C-3D, Hindu Kush region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayushu, KK31 Karatay Array, etc.

ISC 04 23:08:23.7; 1.6, 0.47N; 126.43E, mb3.8/3, mb1 4/1/3, mb1mx3.7/14, Error ellipse: s-maj=154.0km s-min=23.8km az=65.0, Northern Molucca Sea

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

HEL 04 23:17:54.8; 0.1, 67.85N; 20.17E, ML2.2, ML2.3(UPP), ML2.1(BER), Explosion

NAO 04 23:17:55.0; 2.9, 67.84N; 20.24E, ML2.2, ML2.3

ISC 04 23:17:55.1; 3.7, 67.84N; 20.39E, mb1 2.5/3, mb1mx2.5/19, ML2.5/3, Error ellipse: s-maj=19.1km s-min=9.0km az=115.0

BER 04 23:17:57.1; 4.9, 67.92N; 20.08E, ML2.1, ML2.2(NAO), Suspected explosion

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUA Kuravaara, WRA Warramunga Arr, etc.

ISK 04 23:32:59.8, 37.04N; 27.78E, h17km, MD3.2, NEIC 04 23:32:59.3, 36.95N; 27.74E, h34km, MD3.3(ATH), After ATH.

ATH 04 23:32:59.3, 36.95N; 27.74E, h34km, 4km, MD3.3/6, ISC 04 23:32:59.2; 0.5, 36.95N; 0.03; 27.70E; 0.04, h19km; 6km, n17, 0; 676/27, 4C, Dodecanese Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, BDRM Kayabasi, etc.

ISC 04 23:34:44.3; 2.1, 21.24N; 144.57E, mb3.9/5, mb1 4/0/5, mb1mx3.7/21, MS3.1/1, Ms1 3.1/1, ms1mx2.7/19, Error ellipse: s-maj=108.0km s-min=22.7km az=85.0, Mariana Islands region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ Asahikawa, WRA Warramunga Arr, etc.

NEIC 04 23:55:26.6, 43.639N; 78.25W, h5km, MD3.0(LDO), MW3.2(SLM), After LDO.

OTT 04 23:55:26.2; 0.1, 43.68N; 78.24W, h4km, MN3.8/29, 6C-7D, New York

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WLVO Wesleyville, WLEVO Wesleyville, etc.

RD01	Burlington	1.19 258	PG	Pg	Sg	23 55 47.7	-2.3
RD01			SG			23 56 03.3	-2.6
RD01			Trac			23 56 09.1	
SADO	Sadowa	1.27 330	PG	Pg	Sg	23 55 49.2	-2.4
SADO			SG			23 56 05.6	-2.9
SADO			Trac			23 56 10.2	
TYNO	Tyneside	1.32 244	PG	Pg	Sg	23 55 49.9	-2.8
TYNO			SG			23 56 07.5	-2.8
TYNO			Trac			23 56 13.5	
ACTO	Acton	1.32 268	PG	Pg	Sg	23 55 50.1	-2.7
ACTO			SG			23 56 07.0	-3.3
ACTO			Trac			23 56 11.9	
RD03	Mount Hope	1.34 249	PG	Pg	Sg	23 55 50.1	-2.7
RD03			SG			23 56 07.5	-3.2
RD03			Trac			23 56 17.7	
BANO	Bancroft	1.36 9	PG	Pg	Sg	23 55 50.8	-2.9
BANO			SG			23 56 08.3	-3.2
BANO			Trac			23 56 13.7	
KGNO	Kingston	1.38 66	PG	Pg	Sg	23 55 50.8	-2.9
KGNO			SG			23 56 08.7	-3.3
KGNO			Trac			23 56 13.2	
HGVO	Hagersville	1.55 243	PG	Pg	Sg	23 55 53.7	-3.5
HGVO			SG			23 56 17.9	
ELGO	Elora Gorge	1.59 271	PG	Pg	Sg	23 55 54.7	-3.3
ELGO			SG			23 56 15.3	-4.0
ELGO			Trac			23 56 18.1	
PLVO	Plevna	1.60 31	PG	Pg	Sg	23 55 54.9	-3.1
PLVO			SG			23 56 15.0	-4.4
PLVO			Trac			23 56 18.4	
CLWO	Collingwood	1.68 298	PN	Pn	Sn	23 55 56.2	-0.3
CLWO			SN			23 56 17.6	-1.1
CLWO			Trac			23 56 22.4	
MPP0	Murphy's Point	1.79 52	PN	Pn	Sn	23 55 57.6	-0.5
MPP0			SN			23 56 20.1	-1.4
MPP0			Trac			23 56 23.3	
BUKO	Buck Lake	1.95 335	PN	Pn	Sn	23 55 59.7	-0.7
BUKO			SN			23 56 28.4	-0.5
BUKO			Trac			23 56 28.4	
ERPA	Erie	2.02 220	ePn	Pn	Sn	23 56 00.7	-0.7
ERPA			eS			23 56 27.0	-0.5
ERPA			Trac			23 56 28.3	-0.8
PEMO	Pembroke	2.12 19	PN	Pn	Sn	23 56 28.1	-1.9
PEMO			SG			23 56 30.9	-5.9
PEMO			Trac			23 56 34.0	
KLBO	Killbuck Provi	2.19 321	PN	Pn	Sn	23 56 02.5	-1.4
KLBO			SN			23 56 29.6	-2.3
KLBO			SG			23 56 33.0	-6.2
KLBO			Trac			23 56 34.3	
BINY	Binghamton	2.22 131	PN	Pn	Sn	23 56 04.6	+0.4
BINY			SN			23 56 34.0	+1.5
BINY			Trac			23 56 37.3	
BINY	Binghamton	2.22 131	ePn	Pn	Sn	23 56 04.9	+0.7
LDN	London (Ont)	2.24 254	PG	Pg	Sg	23 56 05.9	+5.2
LDN			SG			23 56 31.8	+5.2
LDN			Trac			23 56 38.6	
ALGO	Algonquin Park	2.28 3	PN	Pn	Sn	23 56 04.4	-0.7
ALGO			SN			23 56 35.3	+1.3
ALGO			Trac			23 56 39.2	
BRCO	Bruce Peninsula	2.38 285	PN	Pn	Sn	23 56 06.1	-0.5
BRCO			SN			23 56 33.8	-2.8
BRCO			SG			23 56 38.1	-7.3
BRCO			Trac			23 56 43.6	
CRLO	Chalk River	2.44 14	PN	Pn	Sn	23 56 06.2	-1.2
CRLO			SN			23 56 38.7	+0.6
CRLO			Trac			23 56 43.7	
ALLY	Alegheny Coile	2.47 215	ePn	Pn	Sn	23 56 08.2	+0.4
ALLY			eS			23 56 40.2	+1.4
ALLY			Trac			23 56 07.5	-0.6
OTT	Ottawa	2.49 46	PN	Pn	Sn	23 56 38.7	-0.6
OTT			SG			23 56 41.8	-7.3
OTT			Trac			23 56 45.9	
OTT			Trac			23 56 46.0	
WBO	Williamsburg	2.50 57	PN	Pn	Sn	23 56 07.0	-1.3
WBO			SN			23 56 37.6	-2.1
WBO			SG			23 56 43.9	-5.6
WBO			Trac			23 56 49.4	
PTN	Potsdam (NY)	2.51 68	PN	Pn	Sn	23 56 08.1	-0.3
PTN			SN			23 56 38.6	-1.3
PTN			SG			23 56 07.5	-1.0
MSNY	Massena	2.76 60	PN	Pn	Sn	23 56 10.2	-1.8
MSNY			SN			23 56 43.3	-2.9
MSNY			SG			23 56 43.3	-2.9
MSNY			Trac			23 56 12.0	-0.8
TOBO	Tobermory, Bru	2.82 304	PN	Pn	Sn	23 56 15.8	-0.4
TOBO			SN			23 56 56.7	+3.1
TOBO			Trac			23 56 14.9	-1.8
TOBO			Trac			23 56 20.2	-7.7
TOBO			Trac			23 56 51.3	-3.2
TOBO			Trac			23 56 58.8	-10
TOBO			Trac			23 57 03.5	
GAC	Glen Almond	2.83 43	PN	Pn	Sn	23 56 11.1	-1.8
GAC			PG			23 56 15.1	-7.5
GAC			SG			23 56 44.4	-3.4
GAC			Trac			23 56 51.5	-8.7
GAC			Trac			23 56 52.6	
GAC			Trac			23 56 52.7	
NCB	Newcomb	2.92 83	ePn	Pn	Sn	23 56 12.6	-1.7
BGR	Bangor (NY)	3.01 66	PN	Pn	Sn	23 56 10.7	-4.8
BGR			SN			23 56 11.1	-1.1
EEO	Eldee	3.02 349	PN	Pn	Sn	23 56 16.2	+0.5
EEO			SN			23 56 54.1	+1.2
EEO			SG			23 56 59.9	-6.9
EEO			Trac			23 57 04.7	
SSPA	Standing Stone	3.05 175	ePn	Pn	Sn	23 56 15.8	-0.4
SSPA			eS			23 56 56.7	+3.1
ALFO	Alfred	3.09 50	PN	Pn	Sn	23 56 14.9	-1.8
ALFO			PG			23 56 20.2	-7.7
ALFO			SN			23 56 51.3	-3.2
ALFO			SG			23 56 58.8	-10
ALFO			Trac			23 57 03.5	
ACCN	Adirondack Com	3.34 93	ePn	Pn	Sn	23 56 18.0	-2.2
GRQ	Grand Remous	3.38 29	PN	Pn	Sn	23 56 19.2	-1.6
GRQ			SN			23 57 01.1	-1.1
GRQ			SG			23 57 08.0	-1.1
GRQ			Trac			23 57 18.4	
TRO	Mont Tremblant	3.65 45	PN	Pn	Sn	23 56 23.3	-1.4
TRO			SN			23 56 28.8	-1.0
TRO			SG			23 57 06.8	-1.9
TRO			Trac			23 57 16.9	-1.1
TRO			Trac			23 57 23.8	
SUNO	Sudbury Onapin	3.69 325	PN	Pn	Sn	23 56 23.4	-1.8
SUNO			SN			23 57 06.0	-3.8
SUNO			SG			23 57 15.0	-1.4
SUNO			Trac			23 57 22.0	
PLIO	Pelee Island,	3.76 241	PN	Pn	Sn	23 56 24.3	-2.0
PLIO			SN			23 57 09.7	-1.9
PLIO			SG			23 57 23.3	-8.2
PLIO			Trac			23 57 26.9	
MNT	Montreal	3.77 59	PN	Pn	Sn	23 56 24.2	-2.2
MNT			SN			23 57 07.8	-3.9
MNT			SG			23 57 20.6	-1.1
MNT			Trac			23 57 25.5	
PAL	Palisades	4.17 128	ePn	Pn	Sn	23 56 31.0	-1.1

MCWV	Mont Chateau	4.19 197	Pn	Pn	Sn	23 56 31.4	-1.0
VLDQ	Val d'Or	4.47 7	PN	PN	SN	23 56 35.1	-1.2
VLDQ			SN			23 57 25.1	-4.4
VLDQ			SG			23 57 39.9	-1.5
VLDQ			Trac			23 57 46.8	
MOQ	Mont Orford	4.58 67	PN	Pn	Sn	23 56 35.9	-2.1
MOQ			PG			23 56 42.6	-1.5
MOQ			SN			23 57 29.8	-2.6
MOQ			SG			23 57 44.9	-1.4
MOQ			Trac			23 57 47.5	
DPQ	Saint Jean	4.89 50	PN	Pn	Sn	23 56 40.5	-1.8
DPQ			PG			23 56 49.6	-1.4
DPQ			SN			23 57 34.8	-5.3
DPQ			SG			23 57 53.2	-1.6
DPQ			Trac			23 58 01.8	
KILO	Kirkland Lake	4.93 348	PN	Pn	Sn	23 56 40.9	-1.9
KILO			SN			23 57 38.7	-2.4
KILO			SG			23 57 54.3	-1.6
KILO			Trac			23 57 57.6	
ACSO	Alum Creek Sta	4.94 227	Pn	Pn	Sn	23 56 42.8	-0.1
HRV	Harvard-Oak R	5.03 101	Pn	Pn	Sn	23 56 41.8	-2.5
BRVY	Bryant College	5.23 107	Pn	Pn	Sn	23 56 45.6	-1.6
CBN	Corbin	5.51 173	Pn	Pn	Sn	23 56 50.9	-0.1
CCQ	Quebec	5.81 55	PN	PN	SN	23 56 49.5	-5.8
CCQ			SG			23 58 19.9	-20
CCQ			Trac			23 58 33.2	
MALO	McAlpine Lake	6.43 351	PN	Pn	Sn	23 57 00.9	-3.2
MALO			SN			23 58 09.2	-1.0
MALO			SG			23 58 40.9	-20
MALO			Trac			23 58 46.5	
KAPO	Kapusasing	6.48 335	PN	Pn	Sn	23 57 01.2	-3.5
KAPO			SN			23 58 12.1	-7.9
KAPO			Trac			23 58 50.8	
DAO	Lac Daran	6.50 46	PN	Pn	Sn	23 57 01.4	-3.6
DAO			PG			23 57 16.8	-1.9
DAO			SN			23 58 14.2	-6.3
DAO			SG			23 58 40.5	-22
DAO			Trac			23 58 50.2	
BLA	Blacksburg	6.67 195	Pn	Pn	Sn	23 57 05.7	-1.6
ELM	Prospectdale	6.72 197	Pn	Pn	Sn	23 57 05.9	-2.2
LMQ	La Malbaie	6.76 52	PN	PN	SN	23 57 04.8	-3.9
LMQ			SN			23 58 22.1	-5.0
LMQ			SG			23 58 50.2	-22
LMQ			Trac			23 59 00.2	
PNPO	Pukaskas Natio	7.44 314	PN	Pn	Sn	23 57 13.4	-4.8
PNPO			SN			23 58 34.5	-10
PNPO			Trac			23 59 08.4	
PNPO			Trac			23 59 18.8	
BLO	Bloomington	7.68 237	P	Pn	Sn	23 57 21.5	-0.1
GGN	Saint George	8.29 76	PN	PN	SN	23 59 11.2	+6.0
GGN			SG			23 59 41.8	-20
GGN			Trac			23 59 57.5	
CNQ	Baie Comeau	8.99 48	PN	Pn	Sn	23 57 33.6	-6.1
CNQ			SN			23 59 12.7	-10
CNQ			SG			23 59 54.0	
CNQ			Trac			00 00 07.2	
CNQ	Thunder Bay	9.20 307	PN	Pn	Sn	23 57 38.3	-4.4
TBO			SN			23 59 16.2	-12
TBO			SG			00 00 05.3	
TBO			Trac			00 00 13.2	
GSQ	Grosses Roches	9.31 52	PN	Pn	Sn	23 57 37.4	-6.8
GSQ			SN			23 59 21.7	-8.8
GSQ			SG			00 00 13.6	
MNO	Manitouagan	9.41 40	PN	Pn	Sn	23 57 40.1	-5.3
MNO			SN			23 59 22.3	-11
MNO			SG			00 00 17.0	
MNO		</					

Table with columns: SRU, San Rafael, 33.14 328 eP, P, 01 30 53.3 +1.3, etc. Includes stations like Nelson, Sadova, MSU Marysle, LPAZ, LPZAC, DUG, PDAR, etc.

CASC 05:01:34:49.9:2.0, 12.11N:88.65W, h36km, 999km, MD4.0, 6C-6D, Off coast of central America

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, etc. Includes stations like San Miguel, Bellamira, Conchagua, etc.

Table with columns: RTR, MOMJ, RBDL, MGAN, TION, TICN, CONN, etc. Includes stations like Momotombo, Robledo, Managua, etc.

KRSC 05:01:44:02.6, 52.24N:159.95E, h11km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, etc. Includes stations like MOS, BJI, IDC, HRVD, NEIC, etc.

ISC 05:01:46:47.0:6.13, 96N:0.03:146.38E:0.03, h38km, 4km, 139km, 3.2km, P-P, M341, 0.1, 12.92, mb5.2/11, MS5.2/141, 90C-14D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, etc. Includes stations like SAPN, GUMO, ANAZ, ANAT, SAR, etc.

Table with columns: GZH, GZH, GZH, GZH, YSS, YSS, YSS, YSS, YSS, YSS, etc. Includes stations like Momotombo, Robledo, Managua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARG Arhangelos, AYDN Tasoluk, DENT Cakiroluk, etc.

ATH 05:05:44:15.5, 37.01N-27.71E, h22km, 3km, MD3.0/3
ISK 05:05:44:20.3, 37.34N-28.01E, h5km, MD3.0
ISC 05:05:44:16.4, 0.8, 36.87N, 0.04, 27.71E, 0.05, h12km, 6km, n9, 08/9/14, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, MSLB Milas, NISR Nisiros, etc.

NEIC 05:05:54:00.2, 6.4, 2.95S: 136.23E, h29km, 49km, mb4.1/3, Error ellipse: s-maj=16.4km s-min=14.2km az=164.0
IDC 05:05:54:11.4, 4.5, 3.18S: 136.26E, h145km, 45km, mb3.7/5, mb1.3/8, mb1mx3.6/14, MS3.5/2, Ms1.3/5.2, ms1mx2.8/19, Error ellipse: s-maj=14.0km s-min=12.1km az=82.0

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

NEIC 05:05:58:3.2, 5.3, 14S: 0.08, 136.1E, 0.1, h33km, 26km, n15, 15/51/21, mb3.9/4, MS3.5/1, 4D.0, Irian Jaya

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

ISK 05:06:01:15.5, 36.88N-27.72E, h5km, MD3.3
IDC 05:06:01:15.6, 4.3, 36.85N-27.72E, mb3.5/3, mb1.3/5.4, mb1mx3.3/19, ML3.0/1, MS3.1/1, Ms1.3/1.1, ms1mx2.5/16, Error ellipse: s-maj=80.7km s-min=44.3km az=111.0

NEIC 05:06:01:16.7, 36.99N-27.80E, h23km, MD3.5(ATH), After ATH

ATH 05:06:01:16.8, 36.99N-27.78E, h25km, 3km, MD3.6/6
ISC 05:06:01:17.4, 0.7, 36.92N, 0.03, 27.76E, 0.05, h17km, 7km, n22, 08/9/31, mb3.4/3, MS3.0/1, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, BDRM Milas, MSLB Milas, etc.

IDC 05:06:14:28.3, 12.0, 17.35S-178.99W, h591km, 157km, mb3.2/10, mb1.3/4, 10, mb1mx3.3/18, 1D, Error ellipse: s-maj=72.0km s-min=43.1km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YBH Yreka Blue Hor, NVAR Mina Array Bea, ILAR Eielson Array, etc.

NEIC 05:06:16:58.0, 45.05S: 167.28E, h97km, ML3.9(WEL), After WEL
WEL 05:06:16:58.5, 0.2, 45.05S: 167.34E, h95km, 2km, ML4.0/6, SC Error ellipse: s-maj=2.1km s-min=1.5km az=90.0, South Island

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

ISK 05:06:29:30.9, 36.17N-30.34E, h10km, MD3.4
ATH 05:06:29:38.4, 35.85N-29.55E, h10km, MD3.4/3
ISC 05:06:29:32.1, 1.0, 36.17N-30.29E, 0.05, h21km, 7km, n22, 08/9/23, 1C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSL Kastellorizon, ELL Elimali, ANT Antalya, etc.

KRSC 05:06:59:12.1, 0.4, 54.77N x 160.84E, h96km, 3km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, TUMR Tumrok, KMN Kamenistaya, etc.

BUI 05:07:00:43.6, 49.70S: 163.90E, h15km, MB5.2, mb5.3, Ms4.8, Ms4.5
IDC 05:07:00:43.9, 0.4, 49.64S: 163.77E, mb4.4/9, mb1.4/6/11, mb1mx4.5/14, ML4.2/2, MS4.6/15, Ms1.4/6.15, ms1mx4.6/17, Error ellipse: s-maj=35.1km s-min=20.9km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRVD 05:07:00:45.6, 0.3, 49.73S: 163.47E, h19km, 1km, MW5.3/67, Centroid moment Tensor Solution. P body waves, s-s3, c85, Mantle waves: s-c14; Half duration: 1s1

Error ellipse: s-maj=12.5km s-min=9.8km az=209.0
ISC 05:07:00:44.1, 1.7, 49.63S: 0.6, 164.06E, 0.08, h16km, 13km, n107, 01/25/24, mb4.7/19, MS4.5/16, 3C-3D, Auckland Islands region

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various radio stations.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOR Lormes, MTLF Montlieux, AVF Avril sur air, etc.

MEX 05 11:06:31.1, 35.11N-178.81E, h284km, After WEL. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NEIC 05 11:06:33.4, 0.3, 35.30S-178.93E, h279km, gkM, ML4.1/4, Error ellipse: s-maj=10.8km s-min=9.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PUZ Puketiti, MWZ Matawai, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PWZ Pawanui, TSZ Takapari Road, WAZ Wanganui, etc.

ISK 05 11:08:29.2, 36.88N-27.66E, h8km, MD3.4 NEIC 05 11:08:32.5, 36.80N-27.63E, h19km, MD3.5(ATH), After

ATH 05 11:08:32.5, 36.80N-27.63E, h19km, 5km, MD3.5/8 ISC 05 11:08:30.0, 8, 36.86N, 0.03-27.71E, 0.04, h7km, gkM, n18, c089/26, 2C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, MLSB Milas, NISR Nisiros, etc.

IDC 05 11:10:37.8, 1.2, 19.90N-146.73E, mb3.4/3, mb1 3.7/3, mb1mx3.4/20, MS3.5/1, Ms1 3.7/1, ms1mx2.8/13, Error ellipse: s-maj=46.7km s-min=30.2km az=99.0, Mariana Islands region

MEX 05 11:26:24.1, 0.3, 13.91N-92.05W, h88km, 32km, MD4.4 CASO 05 11:26:29.5, 1.6, 14.37N-92.13W, h68km, 10km, MD3.9, ML4.2

ISC 05 11:26:27.1, 1.14, 14N-90.92, 26W, 0.07, h65km, 13km, n13, c0877/23, 1C, 5D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAT Jato, TPX Tapachula, FUG Fuego 3, etc.

NEIC 05 11:33:57.4, 4.8, 18.54S-177.79W, h559km, 61km, mb4.0/7, Error ellipse: s-maj=24km s-min=15.3km az=201.1, MD3.5/1, ms1mx2.8/13, Error ellipse: s-maj=35.6km s-min=13.4km az=157.0

ISC 05 11:33:58.1, 3.0, 18.65S-177.9W, 0.1, h582km, 40km, n20, c0878/21, mb3.7/14, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, GSPA South Pole Qui, etc.

HEL 05 11:34:26.0, 0.1, 60.91N-29.04E, ML1.8, ML2.4(NAO), Explosion

NAO 05 11:34:26.1, 2.8, 61.11N-28.96E, ML2.4 BER 05 11:34:26.4, 4.2, 61.01N-28.96E, ML2.4(NAO), Suspected explosion

ISC 05 11:34:24.5, 1.1, 60.90N, 0.05-29.0E, 0.1, n10, c087/18, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VJF Virojoki, VJF ARCESS Array S, FIAO FINESS Array S, etc.

ATH 05 11:48:38.6, 36.19N-25.31E, h34km, 14km, MD3.3/6 THE 05 11:48:40.9, 36.29N-25.37E, h2km NEIC 05 11:48:40.9, 36.29N-25.37E, h2km, MD3.3(ATH), After

ISC 05 11:48:38.1, 0.7, 36.21N, 0.05-25.35E, 0.08, h14km, 5km, n11, c0851/18, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR6 Thira Island, THR1 Thera Island, THR3 Thira Island, etc.

MEX 05 11:51:37.4, 0.7, 14.14N-93.35W, h18km, 53km, MD4.2, Near coast of Chiapas

TPX Tapachula, TPX CCIG Comitán, CCIG Matias Romero, CMIG

NIED 05 11:53:00, 35.50N-134.00E, h11km, Mw3.5 Best double couple: M2.19x1014 NP1=320, 888, 14.14, NP2=320, 876, 14.78

JMA 05 11:53:15.3, 35.54N-133.96E, h13km, M3.7 Broadband fault plane solution: P waves, NP1=60, 870, 14.60, NP2=323, 871, 14.21, Principal axes: T P1=1, Azm12; N P1=62, Azm104; P1=28, Azm281;

ISC 05 11:53:15.1, 0.8, 35.53N, 0.04-133.97E, 0.03, h12km, 6km, n9, c0832/18, 2C-4D, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKR Kurayoshi, JKS Kasumi, JAD Aida, etc.

ISK 05 12:01:51.1, 36.93N-27.76E, h9km, gkM, MD3.4(ATH, 3) NEIC 05 12:01:52.9, 36.86N-27.70E, h29km, MD3.4(ATH), After

ATH 05 12:01:53.0, 36.85N-27.68E, h31km, 3km, MD3.4/7 ISC 05 12:01:51.0, 0.7, 36.89N, 0.03-27.70E, 0.04, h9km, 5km, n26, c0879/35, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, BDRM Milas, MLSB Milas, etc.

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

NCC 05 13:01:06.9s.4, 36.71N-68.70E, h100km, 100km, mpv3.9, 33-10. Error ellipse: s-maj=65.0km s-min=50.7km, az=77.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, Karatay Array, etc.

IDC 05 13:23:17.5-1.2, 18.83S; 66.17W, mb4.4/2, mb1 4.5/4, mb1mx4.1/15, ML3.4/1, MS3.6/3, Ms1 3.6/3, ms1mx3.1/19, Error ellipse: s-maj=41.1km s-min=21.8km az=102.0

NEIC 05 13:23:22.3-3.4, 18.27S; 69.84W, h28km, mb4.3/3, Error ellipse: s-maj=24.8km s-min=12.4km az=77.0

NEIC Fall [IV] at Arica and Camarones; [III] at Putre; [III] at Iquique. Also Fall [III] at Tacna, Peru.

ISC 05 13:23:21.5-0.7, 18.85S; 0.05; 69.98W, 0.10, h10km, n17, r1512/16, mb4.2/3, MS3.8/2, Northern Chile

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

ISC 05 13:23:39.9, 36.87N-27.70E, h9km, MD3.0

NEIC 05 13:23:43.7, 36.80N-27.69E, h5km, MD3.3(ATH), After ATH.

ATH 05 13:23:43.6, 36.79N-27.61E, h5km, MD3.3/4

ISC 05 13:23:41.0-0.5, 36.91N; 0.02-27.72E, 0.04, h5km, n14, r1505/23, 1C, Dodecanese Islands

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

IDC 05 14:08:40.8-0.8, 37.08S; 96.38W, mb4.5/12, mb1 4.7/12, mb1mx4.6/16, MS4.8/15, Ms1 4.8/15, ms1mx4.7/16, Error ellipse: s-maj=22.6km s-min=21.4km az=93.0

BUI 05 14:08:42.0, 37.10S; 96.30W, h10km, m15, Ms5.0, Ms24.9

NEIC 05 14:08:42.0-0.4, 37.06S; 96.34W, h10km, mb4.7/17, Error ellipse: s-maj=15.2km s-min=8.8km az=78.0

SYO 07:05:02.0, 37.06S; 96.34W, h10km, MB4.7

ISC 05 14:08:40.3-0.4, 37.09S; 0.07-96.3W, 0.1, h10km, n74, r1524/53, mb4.5/28, MS4.8/19, 11C-5D, Southeast of Easter Island

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

ISC 05 12:56:03.3, 37.05N; 27.86E, h33km, 5km, MD2.9/3

ISC 05 12:56:08.1, 37.15N; 27.97E, h17km, MD2.9

ISC 05 12:56:04.0, 0.36, 36.87N; 0.04; 27.82E, 0.04, h1km, 7km, n11, r1502/20, Dodecanese Islands

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULM, ULM, Lac du Bonnet, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NJ2, NJ2, Nanjing, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Mersa Alam, Paran, Zfiri, Hagol, etc.

NMC 05 17:51:14.1±10.0, 44.49N, 86.10E, mpv2.7, Error ellipse: s-maj=259.8km s-min=63.8km az=46.0

BUJ 05 17:51:20.1, 44.17N, 85.30E, h11km, ML2.9, 1C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Urumqi, WMO, MK31, etc.

IDC 05 18:01:24.0, 66.0, 21.86S, 178.59W, mb3.6/3, mb1 3.8/3, mb1mx3.6/13, Error ellipse: s-maj=f191.0km

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

NIED 05 18:23:00, 35.60N, 140.10E, h71km, Mw4.7 Best double couple: M0=1.27x10^16 N P1=0.1, 868, lambda=102, NP2=0.152, 825, lambda=33

BUJ 05 18:23:25.2, 35.40N, 140.63E, h85km, mb4.8, mb4.7, Ms4.0, Msz3.5

MOS 05 18:23:28.9, 0.9, 35.98N, 139.84E, h43km, mb5.1/26, Error ellipse: s-maj=13.6km s-min=6.7km az=103.7

IDC 05 18:23:29.9, 0.5, 35.58N, 139.89E, h56km, mb2.2/25, mb1 4.4/30, mb1mx4.4/33, MS3.5/10, Ms1 3.6/10, ms1mx3.3/25, Error ellipse: s-maj=14.0km s-min=6.8km az=91.0

JMA 05 18:23:30.4, 0.2, 35.62N, 140.06E, h75km, mb2km, M4.6 Broadband fault plane solution: P waves. N P1=180, 821, lambda=22, NP2=0.1, 869, lambda=307. Principal axes: T P1g66, Azm272, N P1g0, Azm11, P P1g24, Azm91

JMA Felt IV J1. NEIC 05 18:23:32.9, 0.6, 35.52N, 139.84E, h86km, mb4.8/53, MW4.7(NIED) Error ellipse: s-maj=4.8km s-min=4.1km az=95.0

NEIC Felt in Kanagawa, Saitama, Tokyo and Yokohama Prefectures. Recorded [4 JMA] in Kanagawa, Saitama and Tokyo; [3 JMA] in Chiba; [2 JMA] in Gumma, Ibaraki, Shizuoka and Yamanashi; [1 JMA] in Fukushima and Nagano Prefectures. Also recorded [1 JMA] on Miyake-jima and Oshima.

ISC 05 18:23:30.6, 0.3, 35.52N, 0.03, 139.96E, 0.03, h77km, 2km, h82km, 5.0km, p-P, h250, 0.098/267, mb4.7/92, 14C-12D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JCN, TOK, JOD2, BSO3, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IJIM2, IJZS, IJZS, Odawara 2, etc.

NIED 05 19:05:00, 42.50N, 145.50E, h26km, Mw3.7 Best double couple: M3.69x10^14 NP1.0q249, d77, l-94. NP2.0q87, d14, l-72.

JMA 05 19:05:16.5, 0.1, 42.53N, 145.50E, h52km, Mw3.9, ISC 05 19:05:17.3, 1.5, 42.57N, 0.008, 145.5E, 0.1, h48km, Mw2.6km, n9, c08/48/16, 6C, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAK, JAK, NEM2, etc.

IDC 05 19:09:09.2, 2.8, 6.44S, 125.58E, h458km, Mw3.3, mb1 3.1/8, mb1mx3/0.17, Error ellipse: s-maj=47.9km s-min=19.3km az=73.0.

NEIC 05 19:09:10.7, 2.1, 6.50S, 125.53E, h480km, Mw3.8, 8/4, Error ellipse: s-maj=37.5km s-min=16.5km az=63.0.

ISC 05 19:09:08.7, 4.1, 6.55, 0.2, 125.4E, 0.3, h466km, Mw3.6, n14, c08/44/14, mb3.4/6, Banda Sea

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

LDG 05 19:16:14.9, 0.1, 42.94N, 1.11E, h15km, Md2.5/2, Md2.5/17, Error ellipse: s-maj=2.0km s-min=1.0km az=155.0.

NEIC 05 19:16:14.9, 42.94N, 1.11E, h15km, Md2.5(LDG), After LDG.

STR 05 19:16:15.4, 0.1, 42.85N, 1.08E, h5km, 1km, Md2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

MDD 05 19:16:14.8, 0.4, 42.88N, 1.15E, h16km, Mw3.3, mbL2.0/11, Error ellipse: s-maj=3.3km s-min=1.7km az=23.0, PRXIMO, Pyrenees

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

Table with columns: RESF, EPF, EPF, ESPARROS, 0.61 285, etc. Includes stations like ESPARROS, CORG, CLLI, VALF, etc.

IDC 05 19:17:24.1, 7.3, 9.91S, 125.96E, h60km, Mw3.6, mb1 3.6/3, mb1mx3.2/13, ML3.4/9, Error ellipse: s-maj=54.7km s-min=49.5km az=138.0, Timor region

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

STR 05 19:41:57.8, 0.2, 45.36N, 6.44E, h5km, 1km, Md2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

LDG 05 19:41:58.4, 0.1, 45.35N, 6.44E, h2km, Md2.4/2, Md2.3/16, Error ellipse: s-maj=2.1km s-min=1.6km az=78.0.

NEIC 05 19:41:58.4, 45.35N, 6.44E, h2km, Md2.5(STR), Md2.3(LDG), Md2.0(GEN), After LDG.

ISC 05 19:41:56.3, 0.3, 45.38N, 0.01, 6.35E, 0.02, h1km, Mw3.4, n32, c19/22/71, France

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

Table with columns: GRN, Grenoble, 0.45 252, etc. Includes stations like Grenoble, Cesana Torines, Oris-en-Rattie, etc.

CASC 05 20:29:07.3, 2.5, 15.71N, 88.77W, Md3.6, ML3.2, 3C-3D, Honduras

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

NIED 05 20:32:00, 35.90N, 127.30E, h38km, Mw3.6 Best double couple: M2.41x10^14 NP1.0q323, s88, l65. NP2.0q229, s25, l178.

KMA 05 20:32:53.2, 0.2, 35.85N, 127.32E, h11km, 1km, ML3.3, Error ellipse: s-maj=2.7km s-min=1.4km az=139.0.

ISC 05 20:32:53.3, 0.7, 35.85N, 0.03, 127.30E, 0.06, h12km, Mw3.6, n20, c08/32/24, South Korea

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

IDC 05 20:41:42.5, 0.9, 31.75N, 46.14E, mb4.2/21, mb1 4.3/24, mb1mx4.3/27, ML3.8/3, MS4.1/20, Ms1 4.1/20, ms1mx4.0/25, Error ellipse: s-maj=24.2km s-min=13.4km az=8.0.

KISR 05 20:41:43.5, 1.0, 32.00N, 46.32E, h32km, 999km, MD4.5, ML4.2.

BUI 05 20:41:45.6, 31.80N, 46.10E, h36km, mb5.1, mb4.9, Ms4.7, Ms2.4.

MOS 05 20:41:45.5, 1.0, 31.74N, 46.13E, h33km, mb4.5/17, Error ellipse: s-maj=1.0km s-min=0.5km az=111.0.

ZUR_RM 05 20:41:47.31, 79N, 46.13E, h15km, Mw5.0/7, Moment Tensor Solution. s7 Moment tensor: Scale 10^16Nm;

Mn-3.46; Mn-2.88; Mn-0.59; Mn-0.38; Mn-0.77; Mn-0.83; Best double couple: M3.39x1016 NP1... Error ellipse: s-maj=13.6km s-min=5.9km az=187.0 SNNS 05 20:41:48.1, 31.25N-46.02E, M15.3 ISC 05 20:41:45.2, 31.64N-0.02-46.02E, 0.03, h36km, h36km, 2.1km, p-P, p1, n185, s19/20/200, mb4.5/5.1, MS4.2/3.1, IC, Iraq

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

comp=Z,30nm,1.7s,mb5.0					
BSEG Bad Segeberg	50.82	39	eP	P	22 00 20.5 +0.1
BSEG					
comp=Z,78nm,1.3s,mb5.1					
FSSB Fossobronne	50.91	52	iP	P	22 00 19.7 -1.5
MOX Moxa	50.93	43	iP	P	22 00 21.0 -0.2
comp=Z,logA/T=1.4,mb5.1					
MOX					
MOX					
MOX					
MOX					
comp=Z,35nm,1.5s,mb5.1					
MOX					
comp=Z,800nm,20.0s,MS4.7					
MOX Moxa	50.93	43	eP	P	22 00 21.0 -0.2
comp=Z,35nm,1.5s,mb5.1					
MOX					
comp=Z,800nm,20.0s,MS4.7					
ARV Arcevia	51.02	52	iP	P	22 00 21.0 -1.0
HYA Hoyanger	51.02	29	eP	P	22 00 23.0 +1.5
HYA					
comp=Z,61nm,2.0s,mb5.2					
HYA Hoyanger	51.02	29	eP	P	22 00 23.2 +1.5
comp=Z,61nm,2.0s,mb5.2					
NRCA Norcia	51.11	53	iP	P	22 00 21.4 -1.4
FVI Forni Avoltri	51.14	48	iP	P	22 00 22.0 -0.9
CPUP Villa Florida	51.22	194	P	P	22 00 21.8 -2.0
comp=Z,5.5nm,0.9s,mb4.5,baz=25,slow=6.3,SNR=4.9					
CPUP					
comp=Z,591nm,21.6s,MS4.6,baz=35,slow=34					
CPUP Villa Florida	51.22	194	P	P	22 00 21.8 -2.0
PTQR Pietraquaria	51.29	54	iP	P	22 00 24.0 -0.2
AQU L'Aquila	51.30	54	eP	P	22 00 24.6 +0.4
GMNA Gemona	51.42	49	eP	P	22 00 24.1 -1.0
WET Wetzell	51.50	45	eP	P	22 00 24.7 -0.9
comp=Z,35nm,1.5s,mb5.1					
WET Wetzell	51.50	45	eP	P	22 00 24.7 -0.9
comp=Z,35nm,1.5s,mb5.1					
KBA Koelnbreinsper	51.57	48	iP	P	22 00 25.6 -0.6
comp=Z,74nm,1.6s,mb5.4					
SBI San Donato	51.59	55	eP	P	22 00 25.5 +0.1
ROBS Robic	51.61	49	eP	P	22 00 25.5 -1.0
ROBS					
LVC Limon Verde	51.65	209	P	P	22 00 26.2 -0.9
comp=Z,6.0nm,0.7s,mb7.7,baz=30,slow=8.3,SNR=6.6					
LVC Limon Verde	51.65	209	eP	P	22 00 25.5 -1.5
comp=Z,36nm,1.3s,mb5.2					
JMIC Jan Mayen	51.67	14	P	P	22 00 27.1 +0.5
comp=Z,1.46nm,0.6s,mb1.1,baz=226,slow=3.2,SNR=2.5					
JMIC Jan Mayen	51.67	14	eP	P	22 00 28.9 +2.3
JMIC					
JMIC					
JMIC					
comp=Z,163nm,17.1s,MS4.1					
VOY Vojsko	51.86	49	eP	P	22 00 27.9 -0.5
VOY					
VOY					
VOY					
CLL Collm	51.90	43	iP	P	22 00 28.3 -0.3
comp=Z,logA/T=1.5,mb5.2					
CLL					
CLL					
CLL					
CLL					
CLL					
CLL					
comp=Z,43nm,1.5s,mb5.2					
CLL					
comp=Z,1.1um,18.2s,MS4.9					
CLL Collm	51.90	43	iP	P	22 00 28.3 -0.3
comp=Z,43nm,1.5s,mb5.2					
CLL					
CLL					
CLL					
comp=Z,1.1um,18.2s,MS4.9					
KHC Kasperske Hory	51.96	45	iP	P	22 00 28.4 -0.7
KHC					
KHC					
KHC					
KHC					
comp=Z,0.5nm,15.9s					
KHC Kasperske Hory	51.96	45	iP	P	22 00 28.4 -0.7
KHC					
KHC					
comp=Z,500nm,15.9s,MS4.7					
CPJ Carovilli	51.96	55	iP	P	22 00 29.9 +0.7
CII Carpinone	51.97	55	iP	P	22 00 30.0 +0.7
FFC Film Fun	51.99	322	eP	P	22 00 28.7 -0.5
comp=Z,44nm,1.1s,mb5.3					
GE2 GERESS Array S	52.00	46	eP	P	22 00 28.9 -0.5
GE2					
comp=Z,56nm,1.4s,mb5.3					
GE2 GERESS Array S	52.00	46	eP	P	22 00 28.9 -0.5
GERES GERESS Array B	52.00	46	eP	P	22 00 28.8 -0.7
comp=Z,2.0nm,1.2s,mb4.9,baz=25,slow=5.5,SNR=54					
SGG Gregorio Mates	52.01	55	iP	P	22 00 30.8 +1.2
KONO Kongsberg	52.05	32	iP	P	22 01 04.0
KONO					
comp=Z,36nm,1.5s,mb5.1					
KONO					
KONO					
comp=Z,1.1um,18.9s,MS4.9					
CLNB Carlsbad	52.15	293	eP	P	22 00 30.5 -0.2
MOL Molde	52.16	28	iP	P	22 00 32.3 +1.8
MOL					
comp=Z,57nm,1.4s,mb5.3					
MOL Molde	52.16	28	iP	P	22 00 32.3 +1.8
CEY Cerknica	52.21	50	eP	P	22 00 30.4 -0.6
CEY					
MOY Molin	52.27	47	iP	P	22 00 30.8 -0.7
LJU Ljubljana	52.30	49	iP	P	22 00 31.3 -0.4
LJU					
LJU					
DGMT Dagmar	52.34	314	eP	P	22 00 31.5 -0.5
comp=Z,47nm,1.2s,mb5.3					
LTX Lajitas	52.34	290	eP	P	22 00 31.8 -0.5
comp=Z,4.1nm,0.6s,mb4.5					
TXAR Lajitas Array	52.34	290	P	P	22 00 31.6 -0.7
comp=Z,4.2nm,0.8s,mb4.4,baz=99,slow=8.8,SNR=14					
TXAR					
comp=Z,291nm,20.6s,MS4.3,baz=110,slow=34					
OBKA Obir	52.35	49	iP	P	22 00 31.5 -0.6
comp=Z,159nm,1.8s,mb5.7					
COP Copenhagen	52.47	37	iP	S	22 00 31.7 -0.8
COP					
comp=Z,390nm,20.0s					
BRG Bergjesshubel	52.42	43	iP	P	22 00 32.4 -0.4
BRG					
BRG					
comp=Z,28nm,1.3s,mb5.0					
BRG					
BRG					
comp=Z,1.1um,21.8s,MS4.8					
BRG					
comp=N,260nm,20.0s,MS4.7					
BRG					
BRG					
BRG					
BRG					
comp=Z,1.1um,21.8s,MS4.8					
CSSN Cassano Irpino	52.50	56	iP	P	22 00 33.5 +0.2
GD2 Gadalupe Moun	52.56	293	eP	P	22 00 33.7 -0.1
GD2					
PRU Pruhonice	52.69	44	iP	P	22 00 34.3 -0.2
PRU					
PRU					
SGO Sicignano	52.72	56	iP	P	22 00 34.7 -0.3
PERS Pernice	52.75	49	eP	P	22 00 32.9 -2.2
PERS					
PERS					
PVCC Panska Ve	52.77	44	iP	P	22 00 34.8 -0.4
PVCC					
PVCC					

PVCC comp=Z,0.7nm,22.1s					
PVCC Panska Ve	52.77	44	iP	P	22 00 34.8 -0.4
PVCC					
comp=Z,700nm,22.1s,MS4.7					
BOUS Bojanci	52.77	50	eP	P	22 00 34.4 -0.8
BOUS					
MRLC Muro Lucano	52.85	56	eP	P	22 00 35.8 -0.1
MGR Migerati	53.02	57	iP	P	22 00 35.7 -0.7
SDCO Great Sand Dun	53.02	300	eP	P	22 00 37.2 0.0
comp=Z,22nm,1.4s,mb4.9					
ISCO Idaho Springs	53.02	303	iP	P	22 00 37.9 +0.6
ARSA Arzberg	53.07	48	iP	P	22 00 36.1 -1.3
comp=Z,35nm,1.8s,mb5.6					
NB2 NORSAR Subarra	53.25	30	P	P	22 00 38.2 -0.4
NB2 NORSAR Subarra	53.25	30	P	P	22 00 38.2 -0.4
NOA NORSAR Array B	53.25	30	P	P	22 00 38.5 -0.1
comp=Z,9.1nm,0.9s,mb4.7,baz=251,slow=7.7,SNR=32					
TDS Terranova Siba	53.53	57	iP	P	22 00 41.4 +0.4
BSD Bornholm Skovb	53.59	38	iP	P	22 00 39.5 -2.4
comp=Z,14nm,0.9s,mb4.9					
BSD					
DPC Dobruska-Polom	53.86	44	iP	P	22 00 42.7 -0.5
DPC					
DPC					
DPC					
DPC					
comp=Z,0.6nm,15.3s					
DPC Dobruska-Polom	53.86	44	iP	P	22 00 42.7 -0.5
DPC					
DPC					
DPC					
comp=Z,600nm,15.3s,MS4.8					
KSP Ksiaz	53.90	43	eP	P	22 00 42.8 -0.6
KSP					
KSP					
comp=Z,2.1um,21.2s,MS5.1					
KSP Ksiaz	53.90	43	eP	P	22 00 42.8 -0.6
KSP					
KSP					
ANMO Albuquerque	54.01	297	eP	P	22 00 45.4 +1.0
ZST Bratislava	54.20	47	iP	P	22 00 45.5 -0.2
ZST					
ZST					
ZST					
LPM Los Pinos Moun	54.21	296	eP	P	22 00 46.7 +0.7
BNN Barren Site	54.23	296	eP	P	22 00 46.7 +0.6
LEMI Lemitar	54.51	296	eP	P	22 00 48.9 +0.7
DAG Danmarks Havn	54.61	7	iP	P	22 00 48.3 -0.1
comp=Z,4.9nm,0.5s,mb4.8					
LAD Ladron	54.62	296	eP	P	22 00 49.7 +0.7
RW3 Ridgway	54.71	301	eP	P	22 00 51.0 +1.4
NMS Namsos	54.72	26	eP	P	22 00 47.9 -1.5
OKC Ostrava-Krasne	54.99	45	iP	P	22 00 51.0 -0.5
OKC					
OKC					
OKC					
comp=Z,0.4nm,16.7s					
OKC Ostrava-Krasne	54.99	45	iP	P	22 00 51.0 -0.5
OKC					
OKC					
OKC					
comp=Z,400nm,16.7s,MS4.6					
RAC Raciborz	55.04	45	eP	P	22 00 51.4 -0.5
RAC					
RAC					
comp=Z,500nm,21.0s,MS4.6					
VYHS Vyhne	55.37	47	iP	P	22 00 53.8 -0.5
VYHS					
VYHS					
VYHS					
VYHS					
PV01 Paradox Valley	55.42	301	eP	P	22 00 55.3 +0.5
PV10 Paradox Valley	55.70	301	eP	P	22 00 58.1 +0.9
PDAR Pinalde Array	55.90	307	P	P	22 00 57.9 -0.3
comp=Z,32nm,1.1s,mb5.3,baz=90,slow=8.9,SNR=100					
PDAR					
comp=Z,552nm,19.9s,MS4.6,baz=92,slow=34					
PSZ Piskazesteto	56.05	47	iP	P	22 00 59.3 +0.1
OJC Ojcow	56.08	44	iP	P	22 00 59.1 -0.2
OJC					
OJC					
comp=Z,500nm,17.3s,MS4.7					
MORB Moi Rana	56.24	25	iP	P	22 01 00.8 +0.4
MORB					
comp=Z,32nm,1.3s,mb5.2					
MORF Moi Rana	56.24	25	iP	P	22 01 00.8 +0.4
LOF Lofoten	56.57	23	eP	P	22 01 04.8 +2.1
LOF					
comp=Z,34nm,1.4s,mb5.2					
LOF Lofoten	56.57	23	eP	P	22 01 04.8 +2.1
REDW Red Top Meadow	56.83	307	eP	P	22 01 04.8 -0.1
YMR Madison River	56.86	309	eP	P	22 01 06.3 +1.2
TPAW Teton Pass	56.89	307	eP	P	22 01 05.2 -0.1
CRVS Cervenica-Dubn	57.12	46	iP	P	22 01 07.4 +0.6
SKO Skopje	57.28	54	iP	P	22 01 08.0 -0.1
BOZ Bozeman (W)	57.30	310	eP	P	22 01 07.5 -0.6
comp=Z,29nm,1.1s,mb5.2					
DAU Daniels Canyon	57.31	304	eP	P	22 01 08.3 0.0
TCUT Toone Canyon	57.37	305	eP	P	22 01 08.1 -0.7
JLU Jordanle	57.44	304	eP	P	22 01 09.2 -0.1
BARW Hardware Ranch					

WRA Warramunga Arr 8.20 122 P P 00 05 34.8 -0.8

comp=2.0,4nm,0.8s,mb3.1,baz=326,slow=4.8,SNR=3.6

ROM 05:23:57.50.3.0.2, 38.45N:13.17E, h7km,2km, MD3.4/5, ML3.0/17, Error ellipse: s-maj=1.4km s-min=1.1km az=90.0

LDG 05:23:57.52.2.0.6, 38.17N:12.81E, h10km, MD3.2/6, Error ellipse: s-maj=14.9km s-min=12.9km az=49.0

ISC 05:23:57.53.4.3.3, 38.47N:12.99E, h15km,2km, mb3.3/5, mb1 3.4/9, mb1mx3.4/24, ML3.6/4, Error ellipse: s-maj=39.0km s-min=20.5km az=43.0

ISC 05:23:57.50.8.0.4, 38.51N:0.03:13.07E, h27km,5km, n87, r=1517/106, mb3.4/5, 14C-1D, Sicily

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates and times.

JMA 06:00:04.40.70.1, 43.26N:143.11E, h132km,16k, M2.9

ISC 06:00:04.51.0.15.0, 42.99N:143.13E, h25km,26km, mb3.0/5, mb1 3.1/5, mb1mx2.8/21, Error ellipse: s-maj=425.0km s-min=27.7km az=169.0

ISC 06:00:04.39.5.0.5, 43.25N:0.05:143.14E, h136km,4km, n24, r=070/37, mb3.4/5, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Hokkaido region.

TIR 06:00:13.54.1.41, 83N:20.27E, h11km

PDG 06:00:13.56.0.3, 41.86N:20.15E, h6km,1km

ISC 06:00:13.54.9.0.6, 41.83N:0.03:20.25E, h0.04, h6km, n15, r=151/30, 4C-2D, Albania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations in Albania.

MOS 06:00:19.23.3.1.4, 51.74N:159.97E, h18km, mb4.2/7, Error ellipse: s-maj=21.9km s-min=8.3km az=96.9

ISC 06:00:19.24.7.2.4, 52.05N:159.50E, mb4.0/10, mb1 4.1/11, mb1mx3.9/24, ML4.2/1, Error ellipse: s-maj=69.3km s-min=15.1km az=70.0

KRSC 06:00:19.29.2.52.21N:159.86E, h11km, ML4.4

NEIC 06:00:19.40.0.1.9, 52.87N:158.46E, h65km, Error ellipse: s-maj=48.3km s-min=22.3km az=167.0

ISC 06:00:19.29.3.0.7, 52.09N:0.04:160.04E, h0.06, h51km,6km, n56, c=18/81, mb4.2/13, 1D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations in Kamchatka Peninsula.

KMNR Kamenistaya 3.67 2 eP P 00 20 28.4 +3.4

ESO Esso 3.92 349 eP P 00 20 29.1 +0.6

ES0 Esso 3.92 349 eS P 00 21 12.6 -1.2

LGNR Logniva 4.02 5 eP P 00 20 33.9 +4.0

LGNR Logniva 4.02 5 eS P 00 21 18.3 +2.1

CIRR Tsirik 4.05 6 eP P 00 20 34.4 +4.0

KBTR Krutoberegovo 4.43 20 eP P 00 20 36.1 +0.3

KBTR Krutoberegovo 4.43 20 eS P 00 21 27.0 +0.3

Bering 4.71 46 eS P 00 21 27.8 -5.8

FX1 Attu Island-F 8.05 79 Pn P 00 21 26.3 +0.1

FX1 Attu Island-F 8.05 79 Pn P 00 22 50.3 -6.5

Yakutsk 19.09 313 eP P 00 22 51.6 +1.6

COLA College 29.14 44 eP P 00 25 26.6 -0.5

SSE Sheshan 26.55 249 P P 00 26 27.6 +6.8

SSE Sheshan 26.55 249 P P 00 31 57.0 +6.9

NJ2 Nanjing 35.91 252 eP P 00 26 33.2 +6.8

SPITS Spitsbergen Ar 48.12 351 P P 00 26 05.7 +0.4

KURK Kurchatov 48.24 303 eP P 00 28 04.5 -2.0

MKAR Makanchi Array 48.57 296 P P 00 28 07.0 -2.1

MKAR Makanchi Array 48.57 296 P P 00 28 07.0 -2.1

BVAR Borovoye Array 50.99 309 P P 00 28 25.5 -2.0

ARCES ARCESS Array B 54.23 342 P P 00 28 50.1 -1.3

ARCES ARCESS Array B 54.23 342 P P 00 28 50.1 -1.4

FINES FINESS Array B 61.03 337 P P 00 29 38.8 -0.6

FINES FINESS Array B 61.03 337 P P 00 29 38.8 -0.6

NB2 NORRAR Subarra 64.50 344 P P 00 30 02.2 0.0

NOA NORRAR Array B 64.50 344 P P 00 30 02.5 +0.3

NOA NORRAR Array B 64.50 344 P P 00 30 02.5 +0.3

AKASG Malin Array B 69.46 329 P P 00 30 32.9 -0.7

AKASG Malin Array B 69.46 329 P P 00 30 32.9 -0.7

KIV Kislovodsk 70.15 317 eP P 00 30 41.7 +3.8

KIV Kislovodsk 70.15 317 eP P 00 30 41.7 +3.8

GERES GERESS Array B 75.43 338 P P 00 31 11.2 +2.4

BRTR Keskin Array B 77.38 320 P P 00 31 20.1 +0.1

BRTR Keskin Array B 77.38 320 P P 00 31 20.1 +0.1

ASF Jabal Asfar 82.48 314 P P 00 31 48.8 +1.3

ISC 06:00:20.27.0.4, 40.56N:36.59E, h5km, MD3.6

ISC 06:00:20.27.0.4, 40.56N:0.03:36.59E, h0.04, h5km, n30, r=069/43, 7C, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations in Turkey.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Feldberg, Davos, DAVOX, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CALN, PZI, LBL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAP 06:02:05:44.6, 24.27N, etc.

Table with columns: YKA, STKA, CHMT, BOZT, MCMT, HLID, BW06. Includes station names, codes, and various parameters like frequency and power.

ISK 06 04:44:24.5, 38.86N-26.37E, h5km, MD3.3
ATH 06 04:44:27.0, 38.72N-26.29E, h21km, MD3.3/3
ISC 06 04:44:25.8-0.9, 38.77N-0.03-23.43E-0.06, h9km, 6km, n23, c0f99/34,2C, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like PRK, KDAG, EZIN, AKS, etc.

JMA 06 04:44:46.6-0.3, 23.76N-121.74E, h77km, M2.6
TAP 06 04:44:45.5, 23.69N-121.76E, h15km, ML3.5, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like YOJ, HATJ, IRIF, etc.

IDC 06 04:55:48.5-3.4, 28.38N-177.82W, mb3.9/3, mb1 4.1/3, s-maj=185.0km

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

ISK 06 05:21:23.8, 36.84N-27.65E, h6km, MD3.3
ATH 06 05:21:26.6, 36.82N-27.45E, h5km, MD3.3/5
NEIC 06 05:21:27.0, 36.82N-27.49E, h5km, MD3.3(ATH), After ATH

ISC 06 05:21:25.2-0.8, 36.88N-0.04-27.68E-0.05, h10km, 7km, n14, c0f91/19, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like BDRM, EDRM, MLSB, etc.

THE 06 05:48:28.8, 42.12N-21.41E, h23km, ML2.9
PDG 06 05:48:30.1-0.4, 42.12N-21.27E, h5km, 1km

ISC 06 05:48:27.6-0.4, 42.07N-0.03-21.48E-0.03, h5km, n19, c0f123/36, 5C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like SKO, BARS, BIA, etc.

Table with columns: UYFP, UPM, HCY, HRY, HBCY, BRAT, OUR, PAIG. Includes station names, codes, and various parameters.

LDG 06 06:04:08.0-8.2, 43.14N-0.45W, h2km, M1 8/3, Error ellipse: s-maj=4.6km s-min=2.3km az=178.0

MDD 06 06:04:09.0-6.4, 43.05N-0.35W, M1 5/2, Error ellipse: s-maj=4.0km s-min=2.5km az=11.0, PRX1M

STR 06 06:04:09.0-1.7, 43.07N-0.34W, h5km, 1km, MI2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 06 06:04:08.3-0.8, 43.12N-0.05-0.39W-0.03, n14, c1f01/20, Pyrenees

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like REYF, REIF, ETSF, etc.

IDC 06 06:35:09.7-1.2, 19.85N-145.71E, mb3.7/5, mb1 3.9/5, mb1mx3.7/20, MS3.0/3, Ms1 3.0/3, ms1mx2.6/29, Error ellipse: s-maj=41.9km s-min=28.7km az=99.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like JHJ, ASAJ, WTA, etc.

IDC 06 06:35:47.3-2.5, 23.38N-94.05E, mb3.8/2, mb1 3.7/3, mb1mx3.4/18, ML4.0/1, MS3.8/2, Ms1 3.8/2, ms1mx2.7/27, Error ellipse: s-maj=64.4km s-min=22.6km az=57.0

ISC 06 06:35:52.2-1.1, 23.11N-101.93E-0.1, h80km, 16km, n13, c0f06/20, mb3.5/2, 1C, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like IMP, SHL, CMAR, etc.

IDC 06 06:39:11.1-1.1, 8.66S-110.52E, h72km, 7km, mb3.9/8, mb1 4.0/9, mb1mx3.8/16, MS3.1/2, Ms1 3.2/2, ms1mx2.8/19, Error ellipse: s-maj=60.3km s-min=12.6km az=48.0

ISC 06 06:39:09.5-1.2, 8.65S-0.3-110.6E-0.3, h73km, h73km, n12, c0f67/13, mb4.0/8, Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like FITZ, WRA, WBA, etc.

Table with columns: BRTR, TXAR. Includes station names, codes, and various parameters.

KISR 06 06:41:41.7-1.1, 31.74N-45.43E, ML3.5
MOS 06 06:41:47.9-0.5, 31.42N-45.84E, h33km, mb4.0/7, Error ellipse: s-maj=44.5km s-min=23.8km az=103.8

IDC 06 06:41:47.0-2.1, 31.79N-46.18E, mb3.8/8, mb1 3.9/10, mb1mx3.8/20, ML3.7/2, MS2.9/1, Ms1 2.9/1, ms1mx2.1/22, Error ellipse: s-maj=46.5km s-min=20.1km az=9.0

ISC 06 06:41:47.1-0.5, 31.85N-0.07-45.92E-0.08, h10km, n21, c1f127/23, mb3.8/8, Iraq

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like MIB, UMR, RDF, etc.

IDC 06 06:46:52.9-1.1, 19.89N-146.47E, mb3.7/9, mb1 3.8/9, mb1mx3.8/21, MS3.4/4, Ms1 3.4/4, ms1mx2.9/23, Error ellipse: s-maj=44.7km s-min=18.2km az=93.0

NEIC 06 06:47:04.1-0.8, 19.80N-146.50E, h90km, Error ellipse: s-maj=31.3km s-min=12.3km az=90.0

ISC 06 06:47:03.3-1.0, 19.8N-0.1x146.5E-0.3, h100km, n14, c0f59/11, mb3.6/9, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like JHJ, WRA, SONM, etc.

JMA 06 06:48:16.5-1.0, 43.65N-146.77E, h55km, 3km, M3.5

ISC 06 06:48:16.5-1.9, 43.7N-0.1x146.8E-0.1, h55km, 23km, n9, c0f28/16, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like NEM2, JRA, JNK, etc.

CASC 06 07:07:30.0-2.0, 12.43N-87.93W, h42km, 121km, MD4.1, ML4.2

IDC 06 07:07:31.5-4.0, 12.77N-87.49W, h65km, 61km, mb3.4/3, mb1 3.7/4, mb1mx3.3/19, ML3.0/1, Error ellipse: s-maj=65.5km s-min=27.6km az=36.0

ISC 06 07:29:30.5, 12.43N-0.07-87.92W-0.05, h66km, 10km, n42, c0f70/58, mb3.6/3, 19C-12D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Lists stations like CNCH, PYN, CRIN, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, OBN OBN, KAF Kangasieni, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BO1 Boso 1, BS03 Boso 3, JHU2 Mitsune, etc.

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

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

NIED 06:08:50.00, 33.90N, 141.50E, h17km, Mb4.3 Best double

SDV Santo Domingo 40.37 107 P P 11 16 54.2 -0.2
ILAR Eielson Array 46.08 339 P P 11 17 40.4 +0.3

ISK 06 11:10:07.5, 36.99N, 27.63E, h5km, MD3.3
NEIC 06 11:10:09.6, 36.87N, 27.66E, h21km, MD3.3(ATH), After

ATH
ATH 06 11:10:09.6, 36.87N, 27.66E, h21km, 5km, MD3.3/6
ISC 06 11:10:09.2, 0.7, 36.89N, 0.04, 27.64E, 0.04, h12km, 5km,

Code Station Name Az Phase ID Time Res
BDRM Kayabasi 0.24 318 Op ISC 11 10 14.7 +0.3
EDFM 11 10 12.2 +1.3
NISR Nisros 0.50 236 ePN P 11 10 20.1 -1.7

TAP 06 11:21:32.4, 04.24N, 121.53E, h20km, ML3.8
TAP Feit III J at Chiawan, III J at Huailan, IV J at Shilin, II J at

JMA 06 11:21:32.9, 0.3, 24.40N, 121.49E, h84km, M2.9
ISC 06 11:21:33.3, 0.2, 24.02N, 0.01, 121.61E, 0.02, h19km, 3km,

Code Station Name Az Phase ID Time Res
HWA Hwaiien 0.04 185 Op ISC 11 21 37.0 +0.5
TWD Chiawan 0.06 348 Op P 11 21 36.8 0.0
ESL Shilin 0.26 218 Op P 11 21 38.4 -0.9

Code Station Name Az Phase ID Time Res
BDRM Kayabasi 0.27 299 Op ISC 11 21 46.7 -0.4
BLMS Milas 0.36 5 Op P 11 21 51.0 -0.3
MLSB 11 21 48.2 -0.2

Code Station Name Az Phase ID Time Res
CCHI Chilean 0.62 297 Op P 12 03 34.6 -0.4
CCHI 12 03 44.3 +0.4
TALC Talca 1.50 352 Op P 12 03 47.1 +1.1

ISC 06 11:32:01.3, 1.2, 40.43S, 45.20E, mb4.6, mb1.4, 5.6,
mb1mx4.0/20, MS3.8/2, Ms1 3.7/2, ms1mx3.1/26, Error

ISC 06 11:32:00.7, 0.9, 40.05S, 0.3, 45.2E, 0.2, h10km, n11,
c042.8, mb4.3/7, MS3.8/2, Southwest Indian Ridge
Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res
LVC Limon Verde 38.52 83 LR 11 59 58.2
LPAZ La Paz 42.36 76 P 11 48 15.8 -0.5
CPUR Villa Florida 46.50 95 LR 11 46 14.5

NAO 06 12:00:24.0, 0.7, 57.52N, 24.21E, ML2.1
BER 06 12:00:30.4, 3.5, 57.66N, 24.01E, ML2.1(NAO),

Code Station Name Az Phase ID Time Res
NUR Nurmij rvi 2.43 11 Op ISC 12 02 00.1 -5.0
PFAV Pernaia 2.66 24 eS Sg 12 02 01.7 -0.7
NUR FINESSE Array S 3.53 19 Pn Sn 12 01 31.6 -1.0

ISC 06 12:01:40.7, 0.7, 36.93N, 0.05, 27.74E, 0.05, h22km, 7km,
ATH n18, c085/23, C2, Dodecanese Islands

Code Station Name Az Phase ID Time Res
BDRM Kayabasi 0.27 299 Op ISC 11 21 46.7 -0.4
BLMS Milas 0.36 5 Op P 11 21 51.0 -0.3
MLSB 11 21 48.2 -0.2

NEIC 06 12:03:22.8, 36.89S, 71.39W, h35km, ML2.9(GUC), After
GUC 06 12:03:22.8, 0.7, 36.89S, 71.39W, h35km, gkm, MD3.8,

Code Station Name Az Phase ID Time Res
CCHI Chilean 0.62 297 Op P 12 03 34.6 -0.4
CCHI 12 03 44.3 +0.4
TALC Talca 1.50 352 Op P 12 03 47.1 +1.1

ISC 06 12:05:06.4, 1.7, 8.23S, 80.57W, mb4.0/2, mb1.4, 1/3,
mb1mx3.8/18, ML3.8/18, MS3.5/3, Ms1 3.4/3, ms1mx3.1/19,

Code Station Name Az Phase ID Time Res
ROSC El Rosal 14.41 26 LR 12 14 04.9
LPAZ La Paz 14.55 12 Pn 12 08 34.0 -1.7
CPUR Villa Florida 28.48 132 LR 12 23 01.3

WRA 0.2nm, 0.8s, baz=133, slow=1.5, SNR=8.8
Warramung Array 135.629 PKP PKPdf 12 24 29.2 -2.5

IDC 06 12:06:58.3, 0.5, 54.15S, 133.90W, mb4.4/11, mb1.4, 5/11,
mb1mx4.1/14, MS4.3/19, Ms1 4.3/19, ms1mx4.3/20, Error

ISC 06 12:06:59.2, 0.3, 54.25S, 0.07, 134.1W, 0.1, h10km, n96,
c102/39, mb4.6/21, MS4.3, Phase ID, 3C-ID, Pacific-Antarctic

Code Station Name Az Phase ID Time Res
RKT Rikitea 31.09 358 Op ISC 12 20 00.2
RKT 12 21 04.8
VNDA Vanda 32.21 202 P P 12 13 29.9 +0.9

ISC 06 12:06:59.2, 0.3, 54.25S, 0.07, 134.1W, 0.1, h10km, n96,
c102/39, mb4.6/21, MS4.3, Phase ID, 3C-ID, Pacific-Antarctic

Code Station Name Az Phase ID Time Res
PLCA Paso Flores 43.51 99 P P 12 15 04.1 0.0
PLCA Paso Flores 43.51 99 P P 12 15 04.1 -0.1
PLCA Paso Flores 43.51 99 P P 12 15 04.1 +0.1

ISC 06 12:06:59.2, 0.3, 54.25S, 0.07, 134.1W, 0.1, h10km, n96,
c102/39, mb4.6/21, MS4.3, Phase ID, 3C-ID, Pacific-Antarctic

Code Station Name Az Phase ID Time Res
ASAR Alice Springs 72.30 254 P P 12 18 25.7 -1.0
ASAR Alice Springs 72.30 254 P P 12 18 25.7 -1.0
ASAR Alice Springs 72.30 254 P P 12 18 25.7 -1.0

ISC 06 12:06:59.2, 0.3, 54.25S, 0.07, 134.1W, 0.1, h10km, n96,
c102/39, mb4.6/21, MS4.3, Phase ID, 3C-ID, Pacific-Antarctic

Code Station Name Az Phase ID Time Res
ROSC El Rosal 14.41 26 LR 12 14 04.9
LPAZ La Paz 14.55 12 Pn 12 08 34.0 -1.7
CPUR Villa Florida 28.48 132 LR 12 23 01.3

ISC 06 11:32:01.3, 1.2, 40.43S, 45.20E, mb4.6, mb1.4, 5.6,
mb1mx4.0/20, MS3.8/2, Ms1 3.7/2, ms1mx3.1/26, Error

ISC 06 12:05:06.4, 1.7, 8.23S, 80.57W, mb4.0/2, mb1.4, 1/3,
mb1mx3.8/18, ML3.8/18, MS3.5/3, Ms1 3.4/3, ms1mx3.1/19,

ISC 06 12:06:59.2, 0.3, 54.25S, 0.07, 134.1W, 0.1, h10km, n96,
c102/39, mb4.6/21, MS4.3, Phase ID, 3C-ID, Pacific-Antarctic

AML	Almayashu	34.97	332	P	P	14 42 19.2	+1.4
AAK	Ala-Archa	35.00	333	P	P	14 42 19.6	+1.5
CHMS	Chumysh	35.19	334	P	P	14 42 21.3	+1.6
EKS2	Erkin-Say	35.35	333	P	P	14 42 22.4	+1.3
DL2	Dalian	35.44	37	eP	S	14 42 22.0	+0.2
DL2				S	LR	14 47 54.0	-1.3
DL2	comp=N,3um,11.0s,MS5.6			LR	LR		
USP	Ospenovka	35.51	334	P	P	14 42 19.6	-2.8
MKAR	Makanchi Array	35.94	345	P	P	14 42 25.6	-0.4
MKAR	Makanchi Array	35.94	345	P	P	14 42 25.7	-0.3
SOMN	Songino Array	36.60	13	P	P	14 42 32.0	+0.4
ULN	Ulaanbaatar	36.78	14	eP	P	14 42 24.7	-8.4
ULN				Pmax	Pmax		
ULN	comp=Z,1.0nm,0.7s			PFAKE	LR	14 42 40.0	+6.9
ULN	Ulaanbaatar	36.78	14	PFAKE	LR		
INCN	Inchon	37.73	43	PFAKE	LR	14 42 50.0	+8.8
INCN				LR	LR		
SNY	Shenyang	38.48	35	↑P	P	14 42 45.4	-2.0
SNY				PP	PP	14 44 17.8	-1.3
SNY				S	S	14 48 41.6	-0.2
SNY				XS	LR	14 48 59.6	
SNY	comp=E,4um,12.5s			LR	LR		
ZAK	Zakamensk	38.49	9	eP	P	14 42 48.0	+0.5
JNU	Nakatzi	38.72	62	P	P	14 42 49.0	-0.5
KURK	Kurchatov	40.50	344	eP	P	14 43 03.6	-0.5
CN2	Changchun	40.81	34	eP	P	14 43 07.0	+0.3
CN2				eP	PP	14 43 14.5	+3.3
CN2				eP	SP	14 43 19.3	+6.2
CN2				PP	PP	14 44 43.1	-1.0
CN2				PCP	PCP	14 45 07.9	-0.5
CN2				AMB	AMB		
CN2	comp=Z,200nm,5.0s			LR	LR		
CN2	comp=N,3um,16.0s,MS5.4			LR	LR		
CN2	comp=E,3um,16.0s,MS5.4			LR	LR		
CN2	comp=Z,3um,15.0s,MS5.3			LR	LR		
HIA	Hailar	42.07	24	eP	P	14 43 16.2	-0.8
HIA				LR	LR		
FITZ	Fitzroy Crossi	42.80	134	eP	P	14 43 22.1	-1.2
FITZ	Fitzroy Crossi	42.80	134	eP	P	14 43 22.1	-1.2
FITZ	comp=Z,4.5nm,0.8s,baz=342,slow=7.9,SNR=6.0			eS	S	14 49 48.3	+1.8
FITZ	comp=Z,4.5nm,0.8s,baz=342,slow=7.9,SNR=6.0			P	P	14 43 23.2	-0.2
FITZ	comp=Z,9.4nm,0.8s,baz=337,slow=5.9,SNR=7.8			PP	PP	14 43 29.7	+1.9
NVS	Novosibirsk	43.36	350	eP	S	14 43 28.7	+1.3
NVS				iS	S	14 49 53.5	-0.7
NVS	comp=N,48nm,1.1s			Pmax	Pmax		
NVS	comp=E,26nm,1.1s			Pmax	Pmax		
NVS	comp=Z,93nm,1.1s,mb5.4			Pmax	Pmax		
NVS	comp=N,34nm,1.8s			Smax			
NVS	comp=E,65nm,1.8s			Smax			
MDJ	Mudanjiang	43.65	36	P	P	14 43 28.7	-1.2
MDJ				S	S	14 50 03.4	+4.9
MDJ				XS	LR	14 50 16.6	
MDJ	comp=N,2um,14.4s,MS5.3			LR	LR		
MDJ	comp=E,2um,14.8s,MS5.3			LR	LR		
MDJ	comp=Z,3um,12.7s,MS5.5			LR	LR	14 43 40.0	+1.0
MDJ	Mudanjiang	43.65	36	PFAKE	LR		
KAKA	Kakadu	44.69	123	eP	P	14 43 37.2	-1.6
BVAR	Borovoye Array	45.06	339	P	P	14 43 40.9	-0.3
BRVK	Borovoye	45.12	339	eP	P	14 43 41.1	-0.6
MAJO	Matsushiro	45.58	51	eP	P	14 43 45.0	-0.6
MAJO				LR	LR		
MAT	Matsushiro	45.58	51	eP	P	14 43 45.0	-0.6
MAT	comp=Z,36nm,1.2s,mb5.2			eS	S	14 50 22.0	-0.6
MAT	comp=Z,350nm,19.0s,MS4.3			LR	LR		
KLR	Kul'dur	47.61	32	eP	S	14 44 02.0	+0.7
KLR				eS	S	14 51 05.0	+1.0
KLR	comp=Z,700nm,7.0s			Pmax	Pmax		
KLR	comp=E,2um,12.0s			MLR	MLR		
KLR	comp=Z,6um,12.0s,MS5.8			MLR	MLR		
MUN	Mundaring	48.56	156	eP	P	14 44 09.5	+0.5
MUN				iP	PP	14 44 16.6	+3.0
MUN				eP	PP	14 44 11.0	-0.4
KLBR	Kellerberrin	48.87	154	eP	P	14 44 18.2	+2.2
NWAO	Narrogin (SRO)	49.81	155	P	P	14 44 19.4	+0.7
NWAO	Narrogin (SRO)	49.81	155	P	P	14 44 19.4	+0.7
NWAO	comp=Z,270nm,1.3s,mb5.1			Pmax	Pmax	14 44 19.4	+0.8
NWAO	comp=Z,64nm,1.0s			eP	P	14 44 18.0	-0.6
NWAO	Narrogin (SRO)	49.81	155	eP	P	14 44 18.0	-0.6
CLNS	Chul'man	49.94	21	eP	PP	14 44 25.2	+5.9
CLNS				e'PP	PP	14 44 32.6	+8.7
CLNS				e	PP	14 46 14.0	
CLNS				ePPP	PPP	14 47 02.3	-8.3
CLNS				eS	S	14 51 24.6	-3.2
CLNS				eSS	SS	14 55 02.8	+5.3
CLNS	comp=Z,40nm,1.1s,mb5.4			Pmax	Pmax		
CLNS	comp=N,29nm,1.2s			Pmax	Pmax		
CLNS	comp=E,23nm,1.0s			Pmax	Pmax		
CLNS	comp=Z,6.0nm,0.7s,mb4.7			Pmax	Pmax		
CLNS	comp=N,14nm,0.9s			Pmax	Pmax		
CLNS	comp=E,11nm,1.1s			Smax			
CLNS	comp=N,222nm,12.0s			Smax			
CLNS	comp=Z,122nm,12.2s			Smax			
CLNS	comp=E,46nm,13.5s			MLR	MLR		
CLNS	comp=Z,4um,12.0s,MS5.6			MLR	MLR		
CLNS	comp=N,4um,13.0s,MS5.5			MLR	MLR		
CLNS	comp=E,300nm,14.0s,MS5.5			MLR	MLR		
WRA	Warramunga Arr	50.30	129	P	P	14 44 22.0	-0.6
WRA	Warramunga Arr	50.30	129	P	P	14 44 22.0	-0.6
WRA	comp=Z,30nm,1.0s			Pmax	Pmax		
WRAB	Tennant Creek	50.31	129	eP	P	14 44 21.3	-1.4
WB2	Warramunga Arr	50.31	129	eP	P	14 44 21.7	-1.0

WB2	Makhachkala	51.01	316	eS	S	14 51 34.9	+1.4
MAK				eP	P	14 44 24.0	-3.6
MAK				e	PS	14 46 25.0	
MAK				eS	PS	14 51 46.0	+3.3
MAK				ePS	Pmax	14 51 59.0	+6.0
MAK	comp=Z,1um,8.0s			Pmax	Pmax		
MAK	comp=Z,1um,10.0s			Smax			
ASAJ	Asahikawa	51.51	43	P	P	14 44 31.7	+0.3
ASAJ	Asahikawa	51.51	43	P	P	14 44 31.7	+0.3
ASAJ	comp=Z,19nm,0.8s			Pmax	Pmax		
GNI	Garni	52.00	312	P	P	14 44 35.9	+0.6
GNI	Garni	52.00	312	P	P	14 44 35.9	+0.7
GNI	comp=Z,70nm,0.9s,mb5.6,baz=242,slow=4.7,SNR=8.5			Pmax	Pmax		
ARU	Arti	52.13	335	iP	P	14 44 35.0	-1.0
ARU				iP	P	14 44 42.2	
ARU				i	S	14 45 45.6	
ARU				i	S	14 46 34.9	
ARU				i	S	14 51 56.4	-1.7
ARU				i	S	14 54 22.3	
ARU				eSS	SS	14 56 27.6	-6.2
ARU	comp=Z,29nm,0.8s,mb5.3			MLR	MLR		
ARU	comp=Z,3um,22.0s,MS5.3			MLR	MLR		
ARU	comp=N,3um,20.5s,MS5.3			MLR	MLR		
ARU	comp=E,1um,20.5s,MS5.3			MLR	MLR		
ARU	Arti	52.13	335	eP	P	14 44 34.8	-1.2
ARU	comp=E,149nm,1.2s,mb5.8			ppP	PP	14 44 41.5	+1.0
ASPA	Alice Springs	52.25	133	eP	P	14 44 36.3	-1.0
ASAR	Alice Springs	52.25	133	eP	P	14 44 36.6	-0.7
TIZ	Plekhanov	52.49	313	iP	P	14 44 35.6	-3.3
TIZ				MLR	MLR		
TIZ	comp=N,500nm,18.0s,MS5.0			MLR	MLR		
TIZ	comp=E,1um,18.0s,MS5.0			MLR	MLR		
TIZ	comp=Z,1um,18.0s,MS4.9			MLR	MLR		
YSS	Yuzh-Sakhalins	52.75	40	eP	P	14 44 40.0	-0.8
YSS				eP	PP	14 44 44.0	-1.3
YSS				eS	S	14 52 12.0	+5.4
YSS				eS	S	14 54 26.0	
YSS	comp=Z,2um,14.0s,MS5.3			MLR	MLR		
YSS	comp=N,2um,13.0s,MS5.6			MLR	MLR		
YSS	comp=E,2um,14.0s,MS5.6			MLR	MLR		
YSS	Yuzh-Sakhalins	52.75	40	eP	P	14 44 39.9	-0.8
YSS	comp=E,19nm,0.9s,mb5.0			LR	LR		
FORT	Forrest	53.39	144	iP	P	14 44 46.1	+0.4
FORT	comp=Z,2um,21.0s,MS5.1			PP	PP	14 44 54.0	+6.5
FORT	comp=Z,86nm,1.0s,mb5.6			S	S	14 47 51.7	-6.5
YUK	Yuzh-Kuril'sk	53.67	44	P	P	14 52 30.0	+1.1
YUK				ePPP	PP	14 44 54.0	+6.5
YUK				S	S	14 47 51.7	-6.5
YUK				Pmax	Pmax	14 52 30.0	+1.1
KBRS	Khaybar	53.98	293	P	P	14 44 56.6	+6.6
KIV	Kislovodsk	54.64	316	iP	P	14 44 54.0	-0.7
KIV				e	P	14 45 57.9	
KIV				e	P	14 46 54.2	
KIV				iS	S	14 48 03.4	
KIV				eS	S	14 52 28.1	-4.1
KIV	comp=Z,95nm,1.3s,mb5.7			Pmax	Pmax		
KIV	comp=Z,2um,19.0s,MS5.2			MLR	MLR		
KIV	Kislovodsk	54.64	316	eP	P	14 44 54.2	-0.5
KIV	comp=Z,183nm,1.1s,mb6.0			ppP	PP	14 45 00.7	+1.5
GOF	Gofitskoye	54.77	317	iP	P	14 44 55.5	-0.1
GOF				Pmax	Pmax		
GOF	comp=Z,50nm,1.4s,mb5.3			Pmax	Pmax		
GOF	comp=Z,80nm,1.5s,mb5.5			Pmax	Pmax		
GOF	comp=Z,2um,18.0s,MS5.2			MLR	MLR		
YAK	Yakutsk	55.48	19	eP	P	14 45 00.4	-0.1
YAK				eP	P	14 46 06.4	
YAK				eS	S	14 47 04.9	
YAK				eS	S	14 52 45.7	+2.6
YAK				e	SS	14 54 52.6	
YAK				eSS	SS	14 56 33.4	+5.3
YAK	comp=Z,41nm,1.0s,mb5.4			Pmax	Pmax		
YAK	comp=N,40nm,1.4s			Pmax	Pmax		
YAK	comp=E,51nm,1.3s			Pmax	Pmax		
YAK	comp=Z,8.0nm,1.1s,mb4.7			Pmax	Pmax		
YAK	comp=N,366nm,11.5s			Smax			
YAK	comp=Z,86nm,8.7s			Smax			
YAK	comp=E,171nm,11.1s			MLR	MLR		
YAK	comp=N,2um,12.0s,MS5.6			MLR	MLR		
YAK	comp=Z,3um,12.0s,MS5.5			MLR	MLR		
YAK	comp=E,2um,14.0s,MS5.6			MLR	MLR		
YAK	Yakutsk	55.48	19	eP	P	14 44 59.2	-1.4
YAK	comp=E,99nm,1.4s,mb5.7			LR	LR		
YAK	comp=Z,1um,20.0s,MS4.9			LR	LR		
PMG	Port Moresby	56.16	110	P	P	14 45 05.8	-0.3
PMG	Port Moresby	56.16	110	P	P	14 45 05.9	-0.2
PMG	comp=Z,5.0nm,0.7s,mb4.7,baz=253,slow=23,SNR=2.8			LR	LR		
PMG	comp=Z,69nm,1.3s,mb5.5			LR	LR		
TBKS	Tabuk	56.55	296	P	P	14 45 09.5	+0.8
SOC	Sochi	56.59	314	iP	P	14 45 06.5	-2.3
SOC				e	P	14 47 16.1	
SOC	comp=Z,10						

6d 14h

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Table with columns for station codes (e.g., LVZ, APA, TOO), frequencies, and signal strength/quality indicators. Includes sub-sections like 'APATITY' and 'SUWALKI'.

Table with columns for station codes (e.g., OBKA, LJUJ, MOJA), frequencies, and signal strength/quality indicators. Includes sub-sections like 'GECZ', 'GERES', 'KASPERSKA', and 'NORSAR'.

Table with columns for station codes (e.g., GUR, FUR, MOTA), frequencies, and signal strength/quality indicators. Includes sub-sections like 'ZCCA', 'VALM', 'BLS', 'WLS', 'RUP', 'TRAV', 'PZZ', and 'GDM'.

6d 19w

MAW MAW 145.60 185 PKPbc PKPbc 16 48 03.0 +1.0
2.2nm,0.7s,baz=250,slow=7.3,SNR=6.7

WAR 06 17:06:18.8,51.45N,16.08E,ML2.7, Mining Induced
PRU 06 17:06:19.2,51.39N,16.09E,Phase ID
Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC

MDD 06 17:25:16.3,0.5,37.43N,7.77W,h12km,2km,mbLg2.0/1.1
Error ellipse: s-maj=5.8km s-min=3.2km az=12.0,PRXIMO
INMG 06 17:25:16.0,0.8,37.40N,7.77W,h14km,4km,ML1.8,Error
ellipse: s-maj=2.6km s-min=1.9km az=22.0

ISC 06 17:25:15.3,0.9,37.38N,0.07,7.75W,0.05,h17km,9km,
n17,0.54/20,1, Portugal

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
PALC Alcouthim 0.24 68 Op Pp 17 25 21.0 +0.2
PALC Alcouthim 0.24 68 Pp Pg 17 25 24.4 -0.1
EGRO El Granado 0.27 54 Pg Pp 17 25 21.4 +0.1
PBEJ Beja 0.65 352 ePg Pp 17 25 27.5 -0.4
PTEO Sao Teotonio 0.79 283 ePg Pp 17 25 30.1 0.0
EMIN Mina Concepcio 0.94 65 Pg Pp 17 25 32.9 +0.1
EMIN Monterroy Badajoz 1.24 338 eSg Sb 17 25 54.4 +1.1
EBAD 0.3nm,0.1s,SNR=10 Pg Pp 17 25 42.6 +1.1
ESPR Espera 1.60 108 Pn Pn 17 25 43.8 +0.7
PTOM Tomar 2.30 347 eSg Sn 17 26 26.0 +4.9
PCBR Castelo Branco 2.47 5 eSg Sn 17 26 31.2 +5.7
EADA Adamuz 2.64 72 Pn Pn 17 25 57.2 -0.7
ECAL Calabor 4.63 9 Sn Sn 17 27 14.5 -5.6
ECAL 1.7nm,0.3s,SNR=7.9 Lg 17 27 37.4

THR 06 17:26:38.9,1.1,30.89N,57.75E,h14km,22km,ML3.6,
Northern and central Iran

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
ZHF Zahedan 2.91 115 ePn Pp 17 27 27.6 +1.8
NASN Na'in 4.61 296 ePn Pn 17 27 50.2 +0.3
ASAO Ashtian 7.46 301 ePn Pn 17 28 30.1 +0.1
THKV Tehran-Karaj 7.62 313 ePn Pn 17 28 32.0 -0.3

NEIC 06 17:50:28.0,60.50N:153.25W,h181km,After AEIC.
IDC 06 17:50:30.9,7.8,60.95N:153.46W,h181km,69km,mb3.4/1,
mb1 3.5/3,mb1mx3.0/20,Error ellipse: s-maj=77.0km
s-min=29.9km az=21.0

ISC 06 17:50:26.5,0.4,60.52N,0.03:153.24W,0.07,
h192km,3km,n73,0.659/27,mb3.6/1,Southern Alaska

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
RSD Redoubt South 0.25 104 Op Pp 17 50 51.7 +0.6
REF Redoubt East F 0.27 97 P P 17 50 51.5 +0.4
DFR Drift River 0.28 76 P P 17 50 51.7 +0.5
ILIM Iliamna 0.47 163 S S 17 51 10.7 +0.5
ILW Iliamna West 0.47 174 P P 17 50 52.2 +0.4
IVS Iliamna South 0.52 171 P P 17 50 52.8 +0.8
BKG Blockade Glaci 0.73 41 P P 17 50 53.7 +0.7
CKL Chakachamna La 0.81 33 P P 17 50 54.5 +1.1
SPU Mount Spurr 0.88 41 P P 17 50 54.4 +0.6
NCG North Capps GI 1.03 30 P P 17 50 56.0 +1.2
NNL Nimitchik 1.08 116 P P 17 50 56.7 +1.4
AUG Augustine Lava 1.15 185 S S 17 50 55.9 +0.6
AUG Augustine-Summ 1.17 185 P P 17 50 56.8 +0.7
SVW Sparrevohn 1.31 298 P P 17 50 57.6 +0.4
XLV Seidovia 1.32 144 P P 17 50 57.6 +0.3
BRK Bradley Lake 1.40 122 P P 17 50 58.7 +0.6
CNPM China Poot 1.42 134 P P 17 50 58.7 +0.5
SLKM Skilak Lake 1.49 89 P P 17 50 58.9 -0.1
SUA Susitna One 1.54 51 S S 17 50 59.8 +0.4
FIB Fire Island 1.63 65 P P 17 51 01.2 +0.9
RC01 Rabbit Creek A 1.81 70 P P 17 51 01.9 -0.2
RC01 1.75 29.3 -0.1
MFA Moose Pass 1.92 89 S S 17 51 02.7 +0.4
SEW Seward 1.93 101 S S 17 51 03.4 -0.3
PMS Palmer South 1.94 66 P P 17 51 03.9 -0.8
PMS 17 51 03.8 -0.1
PWA Palmer West 1.99 54 S S 17 51 04.0 +0.1
PMR Palmer 2.27 60 P P 17 51 06.1 -1.1
CUT Chulitna 2.37 36 P P 17 51 08.3 -0.0
GHO Glory Hole Cre 2.44 57 P P 17 51 09.3 -0.5
KNO Knik Glacier 2.50 67 P P 17 51 09.8 -0.8
KABR Katmai Barrier 2.56 201 P P 17 51 10.7 -0.4
ANCK Angle Creek 2.70 204 P P 17 51 11.7 -0.5
SML Sawmill 2.70 59 P P 17 51 11.6 -0.6
TT01 Tatalina 2.73 32 P P 17 51 12.6 -0.1
KJL Kejulik 2.75 207 P P 17 51 12.5 -0.4

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CFI College Fjord 2.76 74 P P 17 51 12.7 -0.2
KDAK Kodiak Island 2.77 173 P P 17 51 11.2 -1.9
HUR Hurricane 3.00 33 P P 17 51 15.8 0.0
SCM Sheep Creek Mo 3.15 63 P P 17 51 17.6 -0.1
KTH Kantishna Hill 3.23 19 P P 17 51 18.5 -0.2
TRF Thorofare Island 3.25 24 P P 17 51 18.9 -0.1
MID Middleton Is 3.64 105 P P 17 51 24.1 +0.3
EYAK Cordova Ski Ar 3.70 86 P P 17 51 25.0 +0.4
DIV Divide 3.71 77 P P 17 51 24.8 +0.1
DHY Denali Highway 3.78 45 P P 17 51 25.7 +0.1
MCK McKinley 3.80 30 P P 17 51 25.7 -0.1
SGAM Seaman's Glacie 3.85 24 P P 17 51 28.4 +0.4
RAGM Rugged Mountai 4.24 88 P P 17 51 32.0 +0.5
BMRM Bremner River 4.26 80 P P 17 51 32.0 +0.2
PAX Paxson 4.43 53 P P 17 51 34.6 +0.6
KAIK Kayak Island 4.44 94 P P 17 51 34.9 +0.8
HMT Hmit 4.45 89 P P 17 51 34.7 +0.5
ANPM Antichak Peak 4.49 21 P P 17 51 37.1 -1.3
MLY Manley 4.67 13 P P 17 51 36.2 -0.8
GLB Gilahina Butte 4.68 75 P P 17 51 38.0 +0.8
CCB Clear Creek Bu 4.84 29 P P 17 51 38.6 -0.6
HDA Harding Lake 4.87 34 P P 17 51 39.3 -0.2
COLA College 5.02 27 P P 17 51 41.2 -0.4
EJL Eielson Array 5.17 32 P P 17 51 42.9 -0.6
ILAR Eielson Array 5.17 32 P P 17 51 42.8 -0.7
ILAR 3.9nm,0.3s,baz=223,slow=13,SNR=17 S 17 52 40.7 -2.5

IDC 06 18:09:53.2,5.7,7.79S,-149.46E,mb3.2/2,mb1 3.4/4,
mb1mx3.3/13,ML2.9/2,Error ellipse: s-maj=96.5km
s-min=46.9km az=171.0,New Britain region

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
PMG Port Moresby 2.79 235 Op Pn 18 10 41.1 +1.3
PMG 5.7nm,0.3s,baz=55,slow=8.0,SNR=18 Sn Sn 18 11 14.4 -0.2
WRA Warramunga Arr 18.99 229 P P 18 14 15.4 -3.4
ASAR Alice Springs 2.12 222 P P 18 14 45.6 -2.4
STKA Stephens Creek 25.06 196 P P 18 15 19.4 -1.4

IDC 06 18:27:33.4,1.1,58.94S:25.54W,mb3.7/3,mb1 3.9/3,
mb1mx3.7/14,MS3.5/1,Ms1 3.5/1,ms1mx3.0/19,Error
ellipse: s-maj=50.4km s-min=37.9km az=54.0
NEIC 06 18:27:41.0,0.7,59.03S:25.71W,h55km,Error ellipse:
s-maj=37.2km s-min=14.9km az=59.0

ISC 06 18:27:37.7,0.7,58.95S,0.6,2.5W, h44km,48km,n10,
c212/5,mb3.6/3,MS3.4/1,2C,South Sandwich Islands
region

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
VNA1 Neumayer-Stat 13.84 156 P P 18 30 54.2 +1.4
SNAA Sanae 15.80 153 P P 18 31 16.6 -1.6
PLCA Paso Flores 33.45 283 P P 18 34 14.2 -0.1
VNYA Vanda 43.79 182 P P 18 35 39.9 -1.0
ASAR Alice Springs 96.02 161 P P 18 41 01.3 +0.3
FINES FINES Array B 126.45 28 PKP P 18 46 36.9 +2.3
ARCES ARCES Array B 133.22 22 PKP P 18 46 50.7 +3.3
YKA Yellowknife Ar 138.85 315 PKP P 18 46 57.9 0.0
SONM Songoing Array 149.90 90 PKPbc P 18 47 24.1 +7.2
ILAR Eielson Array 152.62 307 PKPbc P 18 47 29.0 +8.5

DJA 06 19:12:06.4,0.8,4.77S:102.46E,h30km,7km,MD5/27,
Error ellipse: s-maj=31.5km s-min=6.2km az=40.0
MOS 06 19:12:10.8,1.4,1.65S:102.96E,h85km,mb5.1/29,Error
ellipse: s-maj=19.2km s-min=7.7km az=118.0

HRVD 06 19:12:12.9,0.8,6.33S:102.99E,h70km,3km,MW4.9/36,
Centroid moment Tensor Solution. LP body waves:
s24,c35; Mantle waves: s36,c57; Half duration: 0 Moment
tensor: Scale 10^19Nm; Mr1.66±.17; Mw-1.87±.14;
Mw0.21±.20; Mw0.65±.09; Mw1.59±.10; Mw-0.74±.15;
Best double couple: Mo2.45±10^16 NP1φ±276° δ38° λ56°.
NP2φ±136° δ59° λ113°. Principal axes: T 1.97, P16g7°,
Azm91°; N 94, P1g20°, Azm304°; P -2.92, P1g11°.
Azms209°; n1a2 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

ISC 06 19:12:04.2,4.39S,0.04:102.82E,0.03,h33km,n262,
c0999/231,ms0.177,MS3.9/23,25C-23D,Southern
Sumatera

Code Station Name Δ° AZ° Op Phase ID Time Res h m s ISC
KSI Kapahiang 0.76 343 Op P P 19 12 22.0 +3.1
KLI Kotabumi 2.09 103 eP P 19 12 44.1 +6.2
KLI 19 13 03.0 0.0
PPI Padang Panjang 4.59 328 eS P 19 13 18.0 +4.4
KGM Kluang 6.38 51 eP P 19 13 45.0 +6.3
IPM Ipo 9.08 349 eP P 19 14 20.5 +4.1
KEL Kelantan 12.21 109 P P 19 15 03.6 +4.3
KEL 19 17 41.9 +5.2
INGI Inga 13.01 110 P P 19 15 14.5 +4.5
RATI Rata 13.15 109 P P 19 15 15.0 +0.7
KEDI Kedondong 13.83 108 P P 19 17 39.9 -2.6
RATI 19 15 22.1 +1.3
TANI Tanete Lijupang 16.56 87 P P 19 16 01.1 +5.0
NINI Niconicang 16.89 91 P P 19 16 06.6 +6.3
BUNI Buntu Taipa 17.48 88 P P 19 16 13.0 +5.3
NST Nakhon Sawan 20.11 352 P P 19 16 39.5 +1.0
KKTK Khon Kaen 20.59 0 P P 19 16 45.0 +1.4
BDT Bhumibol Dam 21.82 350 P P 19 16 57.0 +1.0
CMAR Chiang Mai Arr 23.02 351 P P 19 17 09.1 +1.1
CMAR 19 20 58.0 -0.5
CMAR 4.9nm,0.8s,baz=208,slow=3.1,SNR=13 LR LR 19 25 50.7
CMAR comp=Z,221nm,21.7s,MS3.6,baz=175,slow=36 P 19 17 09.1 +1.1
CMAR Chiang Mai Arr 23.02 351 P 19 20 58.0
CMAR comp=Z,63nm,1.1s pmax pmax
CMAR 19 20 58.0
CMAR comp=Z,5.0nm,0.8s pmax pmax
CMAR 19 21 12.5 -0.4

148
NANT Nan 23.13 355 P P 19 17 11.0 +1.9
QIZ Qiongzong 24.27 16 P P 19 17 23.8 +3.6
CHRT Chiangrai 24.29 353 eS S 19 17 32.0 -2.0
CHI comp=Z,290nm,0.8s,mb5.8 LR LR 19 17 21.5 +1.2
PALK Palakele 24.92 298 P P 19 17 25.7 -0.8
TGY Tagaytay City 25.70 44 P P 19 17 36.8 +2.9
TGY comp=Z,139nm,0.7s,mb5.6,baz=16,slow=22,SNR=4.2 LR LR 19 28 16.7
TGY comp=Z,340nm,20.9s,MS3.9,baz=242,slow=38 LR LR 19 17 36.8 +2.9
TGY Tagaytay City 25.70 44 P pmax pmax
TGY comp=Z,139nm,0.7s MLR MLR
FITZ Fitzroy Crossi 26.16 123 eP P 19 17 38.2 +0.1
FITZ comp=Z,33nm,0.8s,mb4.9 P P 19 17 45.5
FITZ e S 19 17 54.8
FITZ eS PcP 19 17 38.3 +0.2
FITZ Fitzroy Crossi 26.16 123 P P 19 17 38.3 +0.2
FITZ comp=Z,40nm,0.8s,mb5.0,baz=314,slow=3.9,SNR=86 LR LR 19 27 05.5
KMI Kunming 29.33 360 eP P 19 18 08.4 +1.7
KMI 19 22 58.9 +2.3
KMI comp=Z,111nm,4.6s AMB AMB
KAKA Kakadu 30.37 108 eP P 19 18 17.8 +1.7
KMI comp=Z,11nm,0.6s,mb4.8 P P 19 18 21.9 +1.3
GYA Guiyang 30.89 7 P P 19 18 21.9 +1.3
GYA comp=Z,20nm,1.0e,mb4.9 AMB AMB
NWA0 Narrogin (SRO) 31.43 156 LR LR 19 30 11.9
NWA0 Narrogin (SRO) 31.43 156 P P 19 18 25.4 +0.1
WRA Warramunga Arr 34.37 119 P P 19 18 50.6 -0.3
WRA comp=Z,25nm,0.8s,mb5.2,baz=287,slow=9.8,SNR=122 S S 19 24 12.0 -3.5
WRA comp=Z,2.8nm,0.9s,baz=291,slow=16,SNR=4.5 P P 19 18 50.6 -0.3
WRA Warramunga Arr 34.37 119 S S 19 24 12.0 -3.5
WRA comp=Z,25nm,0.9s pmax pmax
WRA comp=Z,3.0nm,0.9s smax
WRAB Tennant Creek 34.38 119 eP P 19 18 50.5 -0.5
WB2 Warramunga Arr 34.38 119 P P 19 18 50.7 -0.3
ENH Enshi 35.05 10 eP P 19 18 56.8 +0.2
ASPA Alice Springs 35.58 126 P P 19 19 01.5 +0.2
ASAR Alice Springs 35.59 126 P P 19 19 01.6 +0.3
ASAR comp=Z,24nm,0.8s,mb5.2,baz=295,slow=7.9,SNR=199 P P 19 21 29.4 -0.5
ASAR comp=Z,5.8nm,0.6s,baz=301,slow=2.3,SNR=10.0 S S 19 24 31.5 -2.7
ASAR comp=Z,2.0nm,0.9s,baz=288,slow=14,SNR=5.0 P P 19 25 11.3
ASAR comp=Z,0.5nm,0.8s,baz=252,slow=2.9,SNR=4.4 LR LR 19 32 25.0
LSA Lhasa 35.69 342 P P 19 19 03.0 +0.9
LSA Lhasa 35.69 342 eP P 19 19 02.4 +0.3
LSA comp=Z,37nm,1.3s,mb5.2 LR LR
PKI Pulchoki 35.94 333 eP P 19 19 04.2 0.0
DMN Daman 36.11 333 eP P 19 19 06.0 +0.3
KKN Kakani 36.19 333 eP P 19 19 06.6 +0.3
WHN Wuhan 36.44 17 P P 19 19 10.2 +1.8
GKH Gorkha 36.66 332 eP P 19 19 10.6 +0.3
KOL Koldanda 36.95 331 eP P 19 19 13.4 +0.6
XAN Xian 38.35 8 P P 19 19 24.4 +0.5
NJ2 Nanjing 39.32 22 eP P 19 19 34.9 +2.5
NJ2 AP 19 19 57.6 +1.5
NJ2 XP 19 20 09.2 +2.3
NJ2 PP 19 21 11.2 +4.5
SSE comp=Z,50nm,0.6s,mb5.4 AMB AMB
SSE Sheshan 39.40 25 P P 19 19 34.2 +1.1
SSE XP 19 20 04.9 +1.8
SSE S 19 25 36.6 +4.3
SSE comp=Z,46nm,0.7s,mb5.3 AMB AMB
SSE comp=N,80nm,14.8s,MS3.8 LR LR
SSE comp=Z,127nm,16.8s,MS3.8 LR LR
LZH Lanzhou 40.27 1 eP P 19 19 41.0 +0.7
LZH AP 19 19 59.5 +9.4
LZH comp=Z,58nm,1.4s,mb5.1 AMB AMB
GTA Gaotai 43.66 357 P P 19 20 08.8 +0.6
GTA PP 19 21 53.3 +1.9
GTA S 19 26 38.1 +2.8
GTA comp=Z,20nm,1.1s,mb4.8 AMB AMB
GTA comp=Z,52nm,0.4s AMB AMB
PMG Port Moresby 44.28 99 P P 19 20 13.6 +0.1
PMG Port Moresby 44.28 99 P pmax pmax
CTA Charters Tower 45.05 114 eP P 19 20 20.1 +0.5
CTA comp=Z,59nm,0.8s,mb5.5 LR LR 19 38 40.5
CTA Charters Tower 45.05 114 LR LR 19 20 19.6 0.0
CTA Charters Tower 45.05 114 eP P 19 20 23.2 +0.4
STKA Stephens Creek 45.47 132 P P 19 20 23.4 +0.6
STKA comp=Z,40nm,0.6s,mb5.4 LR LR 19 37 19.0
STKA comp=Z,50nm,0.7s,mb5.5,baz=307,slow=8.0,SNR=128 LR LR 19 20 25.8 +1.1
HHC Hu-ho-hao-te 45.72 9 eP AMB AMB
HHC comp=Z,36nm,1.0s,mb5.3 P P 19 20 26.5 +0.7
BJT Baijiutau 45.86 14 eP P 19 20 26.4 +1.1
BJT comp=Z,9.6nm,0.6s,mb4.9 LR LR 19 20 26.3 +0.3
BJT comp=Z,398nm,19.0s,MS4.4 AMB AMB
BJJ Beijing 45.88 14 P P 19 20 26.3 +0.3
BJJ comp=Z,28nm,0.7s,mb5.3 LR LR
BJI comp=N,255nm,19.5s,MS4.3 LR LR
BJI comp=E,149nm,17.7s,MS4.3 LR LR
WMQ Urumqi 49.88 346 P P 19 20 57.0 0.0
WMQ PP 19 22 53.0 +0.3
WMQ P 19 28 01.0 -2.5
KSH Kashi 50.20 333 eP P 19 20 58.2 0.3
SONM Songoing Array 52.09 3 P P 19 21 14.4 +0.7
SONM comp=Z,54nm,0.8s,mb5.5,baz=182,slow=8.7,SNR=39 P P 19 22 24.3 -1.2
SONM PcP 19 22 24.3 -1.2
CN2 comp=Z,4.7nm,0.3s,baz=191,slow=4.2,SNR=16 P P 19 21 13.1 -0.8
CN2 19 22 24.8 -0.9
CN2 eS S 19 28 33.9 -0.5
CN2 AMB AMB
MAJO comp=Z,50nm,0.9s,mb5.4 P P 19 21 14.3 -2.1
MAT Matushiro 52.44 36 eP P 19 21 14.7 -1.7
MAT Matushiro 52.44 36 eP P 19 21 15.0 -1.4
ARMA comp=Z,23nm,1.2s,mb5.0 P P 19 21 20.1 +1.4
UCH Uchtor 53.04 334 eP P 19 21 20.8 -0.1
TKM2 Tokmak 2 53.14 335 P P 19 21 21.1 -0.5

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OXK, LRAL, OTAV, MYNC, PPM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OMM, CHMT, WCN, CMB, WWOR, LVC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SAN1, LRW, YEL1, GRR, SJJF, etc.

Table of astronomical observations for 7d 2h, listing stations like GEC2, GERES, KEV, PRU, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2004 AUG, listing stations like CMAR, KKKT, WB2, WRAB, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for NEIC 07 02:50:20.6, 35.16N-4.05W, MG4.2(MDD), After MDD, listing stations like EMEI, EMUJ, EMAL, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CAF Calviac, PGF Pioggia, QUIF Quiostino, etc.

NEIC 07 03:02:42.0-0.2, 43.66N-17.12E, h5km, MD3.(PDG), ML3.3(FUR), ML2.9(ZAG), Error ellipse: s-maj=3.2km, s-min=2.4km, az=74.0

IDC 07 03:02:43.5-1.8, 43.83N-17.01E, mb3.6/1, mb1 3.6/7, mb1mx3.5/23, ML3.2/6, Error ellipse: s-maj=25.8km, s-min=13.2km, az=44.0

PDG 07 03:02:45.0-0.4, 43.57N-17.10E, h10km, 1km LDG 07 03:02:45.3-99.0, 43.70N-17.10E, h10km, MS3.5/20, Error ellipse: s-maj=99.9km, s-min=99.9km, az=99.0

ISC 07 03:02:41.9-0.2, 43.71N-17.03E, h5km, n117, c1841, mb3.7/1, 21C-1D, North Western Balkan Peninsula

Main station list table for the first section, including stations like STON Ston, BRY Bratogost, UPM Unac-Piva, etc.

Main station list table for the second section, including stations like KHC Kasperske Hory, KHC KHC, PGF Pioggia, etc.

IDC 07 03:25:48.7-0.7, 8.25S-117.42E, mb4.2/10, mb1 4.4/11, mb1mx4.2/18, ML4.3/1, MS3.4/3, Ms1 3.5/3, ms1mx3.0/20, Error ellipse: s-maj=34.3km, s-min=12.3km, az=55.0

NEIC 07 03:25:53.8-1.8, 8.34S-117.45E, h30km, 15km, mb4.6/10, Error ellipse: s-maj=7.4km, s-min=6.3km, az=217.0

NEIC FELT (III) at Sumbawa Besar. Also felt (III) at Mataram, Lombok and (II) at Denpasar, Bali.

DJA 07 03:25:54.8-0.8, 8.13S-117.41E, h33km, mb5.2/1, MD4.9/4, Error ellipse: s-maj=47.3km, s-min=4.9km

ISC 07 03:25:51.8-1.9, 8.35S-117.50E-0.03, h25km, 15km, n36, c121/43, mb4.3/16, MS3.6/1, 9C-5D, Sumbawa region

Main station list table for the third section, including stations like KEDI Kedondong, RATI Rata, INGI Ingas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TOO Toolangi, TOO Toolangi, ENH Enshi, etc.

NEIC 07 03:38:03.5-3.9, 59.56S-29.77W, h33km, 27km, mb4.6/3, Error ellipse: s-maj=19.3km, s-min=9.4km, az=224.0

IDC 07 03:38:07.6-6.4, 59.54S-29.92W, h67km, 57km, mb4.0/9, mb1 4.0/9, mb1mx3.9/14, MS4.2/11, Ms1 4.1/11, ms1mx4.1/16, Error ellipse: s-maj=29.3km, s-min=16.4km, az=53.0

ISC 07 03:37:58.7-0.5, 59.54S-29.89W, 0.2, h10km, n25, c0567/19, mb4.5/14, MS4.2/8, 1C-4D, South Sandwich Islands region

Main station list table for the fourth section, including stations like VNA1 Neumayer-Stat, SNAU Sanae, USHA Ushuaia, etc.

IDC 07 03:51:42.9-1.9, 39.36N-20.22E, mb3.5/6, mb1 3.7/11, mb1mx3.6/26, ML3.4/5, Error ellipse: s-maj=32.4km, s-min=16.8km, az=37.0

NEIC 07 03:51:45.7, 39.40N-20.50E, h5km, mb3.6/1, MD3.7(ATH), ML3.5(TH), After ATH.

ATH 07 03:51:45.7, 39.40N-20.50E, h5km, MD3.7/7 THE 07 03:51:46.7, 39.39N-20.41E, h3km, ML3.5

ISC 07 03:51:44.0-0.4, 39.34N-20.03-0.24E-0.03, h3km, n58, c11537/77, mb3.5/6, 6C-5D, Greece-Albania border region

Main station list table for the fifth section, including stations like JAN Janina, KEK Kerkira, MET Metsovon, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Orsara di Pugli, Monte Rocchetti, Gregorio Mates, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Tokmak 2, BHK Bhakra, SDNR Sundarnagar, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 07 04:34:33.6, NEIC 07 04:34:35.0, etc.

IDC 07 03:57:49.0, 1.5, 56.52x146.72E, mb3.9/5, mb1 4.1/5, mb1mx3.9/11, MS3.8/2, Ms1 3.7/2, ms1mx3.3/15, Error ellipse: s-maj=118.0km s-min=23.1km az=82.0

NEIC 07 03:57:50.6, 0.9, 56.54x145.81E, h10km, mb4.2/1, Error ellipse: s-maj=41.9km s-min=15.3km az=86.0

ISC 07 03:57:48.4, 1.0, 56.6S, 0.1x146.0E, 0.6, h10km, n12, r1524/9, mb3.9/6, MS3.8/2, West of Macquarie Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TAU Tasmania Univ, Vnda Vanda, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, NVS Novosibirsk, NVS Novosibirsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 07 04:15:31.6, 27.0, 28.03S, 176.14W, mb3.9/4, mb1 4.1/5, mb1mx3.9/15, ML3.4/1, Error ellipse: s-maj=489.0km s-min=56.3km az=82.0

NEIC 07 04:15:44.9, 2.3, 28.34S, 177.75W, h10km, mb4.3/1, Error ellipse: s-maj=45.0km s-min=18.1km az=63.0

ISC 07 04:16:00.9, 6.0, 29.2S, 0.2x178.8W, 0.3, h116km, 49km, n7, r0542/8, mb3.9/5, 1C, Kermadec Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BGS 07 04:54:04.4, BER 07 04:54:05.2, etc.

BJI 07 04:27:24.2, 36.86N, 72.02E, h140km, mb4.3

NEIC 07 04:27:26.6, 1.9, 37.32N, 71.84E, h154km, mb4.1/6, Error ellipse: s-maj=14.4km s-min=8.3km az=199.0

ISC 07 04:27:27.6, 6.0, 37.36N, 71.93E, h161km, 46km, mb3.6/10, mb1 3.7/12, mb1mx3.6/22, MS3.7/2, Ms1 3.7/2, ms1mx2.5/24, Error ellipse: s-maj=55.1km s-min=17.6km az=174.0

MOS 07 04:27:28.6, 1.0, 37.50N, 71.90E, h178km, mb4.0/7, Error ellipse: s-maj=25.7km s-min=9.5km az=98.0

NNC 07 04:27:33.0, 16.0, 37.74N, 69.79E, h174km, 154km, mpv4.3, Error ellipse: s-maj=151.7km s-min=114.0km az=8.0

ISC 07 04:27:24.3, 0.4, 37.13N, 0.03x72.02E, 0.06, h165km, 6km, n85, r194/95, mb3.9/15, 6C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TCF Toulx Ste Croi, MTLF Montlieux, LDJ La Druitiere, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 07 04:28:20.2, ISC 07 04:28:23.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCOU Corrie, PMSU Muirshiel, WIM Isle of Man, etc.

DJA 07 05:15:57.8-2.0, 8.33S, 118.98E, h160km, MD4.8/4, ML4.9/4, Error ellipse: s-maj=58.5km s-min=17.0km az=176.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEDI Kedomondong, KEDI Kedomondong, RATA Rata, etc.

DJA 07 05:17:57.7-0.8, 9.38S, 115.15E, h33km, MD4.9/4, ML4.1/2, 7C-2D, Error ellipse: s-maj=19.1km s-min=8.3km az=2.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like INGI Ingas, INGI Ingas, RATA Rata, etc.

ISC 07 05:28:17.6-1.9, 36.9N, 0.1-27.68E, h10km, n7, e1919/13, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, BDRM Kayabasi, YER Yerkesik, etc.

ISC 07 05:33:32.4-1.8, 3.52S, 148.44E, mb3.8/5, mb1 4/1/5, mb1mx3.9/13, MS2.7/1, Mst 2.7/1, ms1mx2.3/20, Error ellipse: s-maj=68.1km s-min=23.4km az=114.0

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

ATH 07 05:50:10.5, 36.68N, 29.20E, h33km, MD3.3/3, ISK 07 05:50:14.8, 37.00N, 27.81E, h18km, MD3.2

ISC 07 05:50:14.0-0.8, 36.90N, 0.04-27.78E, h0.05, h9km, g6km, n16, e094/26, 3C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, BDRM Kayabasi, YER Yerkesik, etc.

JMA 07 05:57:03.6, 29.37N, 129.99E, h56km, 2km, M3.4

IDC 07 05:57:05.9-2.4, 29.38N, 129.75E, h69km, 22km, mb3.2/4, mb1 3.3/6, mb1mx3.2/23, Error ellipse: s-maj=38.5km s-min=14.4km az=97.0

ISC 07 05:57:03.4-0.4, 29.37N, 0.04-129.97E, 0.10, h61km, g6km, n17, e0562/25, mb3.4/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNN Nakanojima, JAM Anami Oshima, JMK Kikaisima, etc.

IDC 07 06:25:52.5-0.8, 7.40S, 129.37E, mb4.1/7, mb1 4.4/11, mb1mx4.3/16, ML4.3/4, MS2.7/1, Mst 2.7/1, ms1mx2.3/15, Error ellipse: s-maj=47.7km s-min=16.8km az=56.0

NEIC 07 06:25:56.5-5.8, 7.34S, 129.49E, h28km, 43km, mb4.1/4, Error ellipse: s-maj=17.1km s-min=14.9km az=220.0

ISC 07 06:26:01.4-1.7, 7.72S, 0.06-129.57E, h105km, 19km, n28, e1930/37, mb4.4/13, 2D, Banda Sea

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

CTA Charters Tower 20.31 129 eP S 06 34 29.6 +22

CTA Charters Tower 20.31 129 eP S 06 34 33.8 +25

CTAO Charters Tower 20.31 129 eP S 06 30 34.0 +27

FORT Forrest 22.99 183 eP S 06 31 04.3 +6.5

FORT STKA Stephens Creek 26.52 157 eP S 06 35 24.3 +28

CMAR Chiang Mai Arr 39.87 311 eP S 06 33 25.2 -1.4

GUN Gumba 55.10 312 eP S 06 35 25.6 +0.3

PKI Pulchoki 55.27 311 eP S 06 35 27.9 +1.4

KKN Kakani 55.48 311 eP S 06 35 28.8 +0.8

DMN Daman 55.51 311 eP S 06 35 29.4 +1.1

GKN Gorkha 56.08 311 eP S 06 35 31.2 -1.1

PMG Port Moresby 17.48 97 eP S 06 30 00.9 +0.8

CTA Charters Tower 20.31 129 eP S 06 34 30.4 +27

CTA Charters Tower 20.31 129 eP S 06 34 33.8 +25

CTAO Charters Tower 20.31 129 eP S 06 30 34.0 +27

FORT Forrest 22.99 183 eP S 06 31 04.3 +6.5

7d 7h FITZ Fitzroy Crossi 53.24 263 P P 06 56 55.6 -2.1

IDC 07 06:52:44.7-0.7, 15.08S, 173.59W, mb4.2/11, mb1 4.4/12, mb1mx4.3/17, ML4.4/1, MS3.5/8, Mst 1.3/5, ms1mx3.4/28, Error ellipse: s-maj=39.7km s-min=16.4km az=139.0

NEIC 07 06:52:46.1-0.3, 15.25S, 173.45W, h10km, mb4.6/6, Error ellipse: s-maj=13.4km s-min=9.2km az=141.0

ISC 07 06:52:44.7-0.4, 15.1S, 0.2-173.7W, 0.2, h10km, n37, e047/27, mb4.2/17, MS3.6/8, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, RAR Rarotonga, URZ Urewera, etc.

PMG Port Moresby 17.48 97 eP S 06 30 00.9 +0.8

STKA Stephens Creek 43.96 240 eP S 07 00 53.0 -0.9

WRA Warramunga Arr 49.64 256 P P 07 01 39.4 +0.7

ASAR Alice Springs 49.94 252 P P 07 01 41.1 +0.1

ASAR Alice Springs 49.94 252 P P 07 01 41.1 +0.1

FITZ Fitzroy Crossi 53.24 263 P P 06 56 55.6 -2.1

VNDA Vanda 63.69 186 P P 07 03 18.1 0.0

FJU Nakatsue 71.35 313 LR LR 07 28 55.4

CMB Columbia Colia 72.70 42 eP P 07 04 14.3 -0.7

YBH Yreka Blue Hor 73.50 37 P P 07 04 19.9 +0.3

NVAR Mina Arraya Bay 74.27 42 P P 07 04 24.1 0.0

TPH Tonopah 74.78 43 eP P 07 04 26.1 -0.9

QSPA South Me Poi 74.99 180 eP P 07 04 27.5 0.0

TUC Tucson 76.40 51 eP P 07 04 36.1 -0.3

MSU Marysville 78.38 45 eP P 07 04 48.1 +0.9

HLID Hailey 79.54 39 eP P 07 04 53.7 +0.3

SRU San Rafael 79.80 45 eP P 07 04 55.0 +0.1

LAZ Lajas Array 80.06 50 eP P 07 04 56.9 +0.5

TCUT Toone Canyon 80.19 43 eP P 07 04 56.9 +0.5

LPM Los Pinos Moun 80.40 51 eP P 07 04 58.5 +0.3

PV10 Paradox Valley 80.48 46 eP P 07 04 58.4 -0.2

TXAR Teton Pass 80.56 56 P P 07 04 59.7 0.0

TXAR Teton Pass 80.56 56 P P 07 04 59.7 0.0

NEIC 07 07:09:57.0, 44.08N, 6.62E, h2km, ML2.6(GEN), ML2.6(LDG), ML2.3(STR), After GEN

STR 07 07:09:58.1-0.2, 44.13N, 6.67E, h5km, 1km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07 07:09:58.0-0.1, 44.12N, 6.68E, h2km, M2.6/2, M2.6/7, Error ellipse: s-maj=1.5km s-min=1.1km az=39.0

ISC 07 07:09:56.9-0.3, 44.12N, 0.02-6.61E, 0.02, h10km, 3km, n40, e084/74, 3C, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SURF Saint Ours, SURF Saint Ours, CALN Calern, etc.

SBF Sospel 0.65 113 eP P 07 10 09.4 -0.5

REV Revere 0.66 124 P P 07 10 10.2 0.0

SMRF Simiane la Rot 0.76 260 eP P 07 10 19.2 0.0

SMRF Simiane la Rot 0.76 260 eP P 07 10 19.2 0.0

LMR La Moutre 0.79 186 eP P 07 10 21.1 -0.6

RRL Cesana Torines 0.81 9 P P 07 10 23.3 +0.6

MONE Monesi 0.82 92 eP P 07 10 12.5 -0.4

NEG Negi 0.83 109 P P 07 10 12.7 -0.4

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

NEIC 07:07:36:29.1, 38.06S; 176.11E, h179km, After WEL. WEL 07:07:36:29.1±0.3, 38.05S±176.13E, h178km±2km, ML3.7/4, 2C, Error ellipse: s-maj=3.3km s-min=3.0km az=0.0.

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

DJA 07:07:54:33.5±0.9, 8.72S; -117.04E, h2km, MD5.6/4, ML4.3/3, 6C-2D, Error ellipse: s-maj=34.5km s-min=17.9km az=5.0, Sumbawa region

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

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

IDC 07:08:12:47:20.7, 47.11S; 11.14W, mb4.4/12, mb1.4/5/12, mb1mx4.3/17, MS4.2/8, Ms1.4/2.8, ms1mx4.0/14, 4.5/12, Error ellipse: s-maj=24.6km s-min=17.3km az=6.0

NEIC 07:08:12:48:7.0, 47.07S; 11.15W, h10km, mb4.8/5, Error ellipse: s-maj=11.3km s-min=10.0km az=198.0

ISC 07:08:12:47:30.5, 47.06S; 09-11.1W, 0.1, h10km, n33, s102/23, mb4.5/16, MS4.2/8, 1C-2D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, SUR Sutherland, etc.

NEIC 07:08:25:14.5±1.4, 15.23S; 175.30W, h245km, Error ellipse: s-maj=86.1km s-min=12.4km az=149.0

IDC 07:08:25:15.0±8.9, 15.15S; 175.34W, h246km, 81km, mb3.5/6, mb1.3/8.6, mb1mx3.5/16, Error ellipse: s-maj=105.0km s-min=18.7km az=147.0

ISC 07:08:25:14.1±2.3, 15.15S; 0.9, 175.4W, 0.6, h250km, n12, s0524/7, mb3.6/7, Tonga Islands

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

DJA 07:08:43:57.5±0.9, 9.37S; -114.11E, h64km±25km, MD5.2/4, ML3.8/4, 4C-4D, Error ellipse: s-maj=34.4km s-min=13.6km az=23.0, South of Bali

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

WEL 07:09:00:17.5±0.3, 45.06S; 167.42E, h88km±3km, ML3.5/4, 2C-1D, Error ellipse: s-maj=2.3km s-min=1.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DCZ Deep Cove, DCZ Deep Cove, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AXZ Alexandra, AXZ Alexandra, JCB Jackson Bay, etc.

IDC 07:09:21:23.0±0.7, 23.09N; 142.61E, h106km, 5km, mb3.9/14, mb1.4/0/15, mb1mx3.9/22, MS2.9/1, Ms1.2/9.1, ms1mx2.4/32, Error ellipse: s-maj=21.9km s-min=9.0km az=87.0

NEIC 07:09:21:24.4±0.1, 23.39N; 142.56E, h149km, M5.0, s-maj=16.7km s-min=6.7km az=83.0

JMA 07:09:21:24.4±0.1, 23.39N; 142.56E, h149km, M5.0, s-maj=16.7km s-min=6.7km az=83.0

ISC 07:09:21:20.9±1.1, 23.19N; 0.05; 142.4E, 0.2, h104km, 10km, h106km, 1.3km; p-P, n50, s1936/56, mb4.3/18, 1C, Volcano

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

BJI 07:09:30:14.0, 51.47N; 166.56W, h7km, mb6.1, mb6.1, Ms5.7, IGIL 07:09:30:15.8, 51.85N; 166.45W, h10km, MS5.6

MOS 07:09:30:15.2±0.9, 51.58N; 166.48W, h10km, mb6.5/6/7, MS5.4/29, Error ellipse: s-maj=7.5km s-min=5.5km az=101.1

HRVD 07:09:30:16.9±0.1, 51.60N; 166.32W, h12km, MW5.9/7.5, Centroid moment Tensor Solution. LP body waves: s64, c147; Mantle waves: s75, c181; HL duration: 2s

Moment tensor: Scale 1018Nm; Mrr=0.72±.01; Mth=0.73±.01; Mtt=0.01±.01; Mtr=0.21±.02; Mtt=0.53±.01; Mtr=0.18±.02; Best double couple: Ms=93x1018 NP1φs±219°, s47°, λ=125°; NP2φs±85°, s53°, λ=59°; Principal axes: T: 1.01, P: 0.78, N: Azm153°; N: 1.1, P: 0.75, Azm153°; P: 0.84, P: 0.75, Azm153°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 07:09:30:16.9±0.1, 51.75N; 166.31W, h8km, mb6.3/18, M6.0, MS5.4/86, MW6.0, Error ellipse: s-maj=2.8km s-min=2.0km az=169.0 Broadband fault plane solution: P waves: NP1φs±230°, s65°, λ=90°; NP2φs±50°, s25°, λ=90°; Principal axes: T P1q20°, Azm320°; N P1q0°, Azm0°; P P1q70°, Azm140°; Moment Tensor Solution. s49

Moment tensor: Scale 1018 Nm; Mrr=0.92; Mtt=1.00; Mtr=0.08; Mtr=0.26; Mtr=0.61; Mtr=0.00; Best double couple: Mb1: 1x1018 NP1φs±263°, s40°, λ=105°; NP2φs±75°, s25°, λ=78°; Principal axes: T: 1.3, P: 0.65, Azm156°; N: -34, P: 0.65, Azm156°; P: -96, P: 0.65, Azm156°; Depth from synthetics of broadband displacement seismograms.

Energy computed from BB mechanism.

Energy computed from BB mechanism.

Energy computed from BB mechanism.

Energy computed from BB mechanism.

Energy computed from BB mechanism.

Energy computed from BB mechanism.

SHO 07 09:30:16.9, 51.75N, 166.31W, h8km, MB6.3, MS5.4
IDC 07 09:30:18.5, 2.3, 51.62N, 166.35W, h21km, 14km, mb5.8/35,
mb1.5, 9/37, mb1mx5.8/38, ML4.72, MS5.3/33, Ms1.5, 3/33,
ms1mx5.3/39, Error ellipse: s-maj=12.0km s-min=-9.3km
az=166.0

BGS 07 09:30:20.0, 0.1, 51.97N, 165.29W, h10km, mb6.2
ISC 07 09:30:15.8, 0.1, 51.77N, 0.02, 166.24W, 0.02, h8km,
(h12km, 1.1km; pP: pP, n1225, e1818/1212, mb6.2/349,
MS5.4/157, 52C-397D, South of Aleutian Islands

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC, and various station codes like NIKO, OKER, MGOD, UNV, etc.

Table with columns: Station Name, Az, AzE, Phase ID, Time, Res, ISC, and various station codes like SDG, Sourdough, Sunshine Point, etc.

Table with columns: Station Name, Az, AzE, Phase ID, Time, Res, ISC, and various station codes like COR, Corvallis, YKWA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Columbia Colle, YAK, HRY, BNM, BMN, HLID, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DANIELS Canyon, MSU, NEN, PFO, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like INCN, GDLZ, JNU, KLSB, etc.

GYA	comp=Z,320nm,1.2s,mb6.2	AMB	AMB		
GYA	comp=Z,980nm,3.6s	LR	LR		
GYA	comp=N,2µm,19.2s,MSS.5	LR	LR		
GYA	comp=E,2µm,19.5s,MSS.5	LR	LR		
GYA	comp=Z,2µm,15.6s,MSS.4	LR	LR		
RUND	Rundenannen 67.96	4 i/P	P	09 41 16.5	-0.2
RUND	comp=Z,572nm,1.5s,mb6.4	Amb	P	09 41 19.9	
BER	Bergen 67.99	5 eP	P	09 41 16.6	-0.2
BER	comp=Z,319nm,1.5s,mb6.1	Amb	P	09 41 19.0	
PUL	Pulkovo 68.01	351 d eP	P	09 41 17.2	+0.2
PUL	comp=Z,363nm,1.5s,mb6.2			09 43 47.8	
PUL	comp=Z,262nm,1.2s,mb6.1			09 45 26.5	+0.6
PUL	comp=Z,414nm,0.6s,mb6.6,baz=240,slow=2.7,SNR=8.0			09 50 16.2	+1.3
PUL	comp=Z,2.2nm,0.8s,baz=252,slow=8.4,SNR=5.4			09 51 08.9	
PUL	comp=N,487nm,1.1s	pmax	pmax	09 54 47.0	+8.6
PUL	comp=Z,368nm,1.1s,mb6.3	pmax	pmax		
PUL	comp=E,132nm,0.9s	pmax	pmax		
PUL	comp=Z,660nm,1.3s,mb6.5	pmax	pmax		
PUL	comp=N,846nm,1.4s	pmax	pmax		
PUL	comp=E,181nm,1.0s	pmax	pmax		
PUL	comp=N,476nm,1.7s	smax	smax		
PUL	comp=E,2µm,3.9s	smax	smax		
PUL	comp=Z,633nm,11.0s	smax	smax		
LQP	Pulkovo 68.01	351 eP	P	09 41 17.4	+0.4
LQP	Lukban 68.05	265 eP	P	09 41 16.4	-1.5
EGD	Espegrend 68.10	5 eP	P	09 41 17.6	+0.1
EGD	comp=Z,404nm,1.0s,mb6.3	Amb	P	09 41 19.9	
PMOR	Pomariorio Ree 68.38	161 eP	P	09 41 18.1	-1.9
PMOR	comp=Z,262nm,1.2s,mb6.1				
TCY	Tagaytay City 68.43	265 P	P	09 41 19.7	-0.6
TCY	comp=Z,414nm,0.6s,mb6.6,baz=240,slow=2.7,SNR=8.0			10 09 24.3	
HFS	Hagfors 68.45	0 PKP2bc			
HFS	comp=Z,2.2nm,0.8s,baz=252,slow=8.4,SNR=5.4				
ODD1	Odda 68.52	4 i/P	P	09 41 19.0	-1.2
ODD1	comp=Z,262nm,1.2s,mb6.1	Amb	P	09 41 22.4	
TPX	Tapachula 68.53	93 eP	P	09 41 19.0	-1.9
VAH	Vaihoa 68.67	161 eP	P	09 41 19.7	-2.1
KONO	Kongsberg 68.88	2 i/P	Px	09 41 57.4	
KONO	comp=Z,404nm,1.0s,mb6.3	Amb	P	09 42 00.8	
KONO	comp=Z,2µm,20.2s,MSS.2	AMS	AMS	09 51 02.2	
KONO	comp=Z,2µm,20.2s,MSS.2	AMS	AMS	10 09 56.2	
KONO	Kongsberg 68.88	2 PFAKE	LR	09 41 30.0	+7.6
BLSS	Blasio 69.00	4 i/P	P	09 41 23.8	+0.7
BLSS	comp=Z,242nm,22.0s,MS4.4			09 41 25.8	0.0
BLSS	comp=Z,218nm,1.5s,mb5.9	Amb	P	09 41 27.0	
KMY	Karmoy 69.16	5 eP	P	09 41 23.7	-0.4
KMY	comp=Z,183nm,1.5s,mb5.8	Amb	P	09 41 27.1	
PECR	Pechory 69.40	343 d i/P	P	09 41 25.0	-0.6
PECR	comp=Z,341nm,1.2s,mb6.1			09 41 55.0	
PECR	comp=Z,259nm,1.1s,mb6.1			09 44 00.0	
PECR	comp=Z,634nm,21.0s,MS4.9			09 50 32.0	+0.5
PECR	comp=Z,142nm,1.4s,mb5.7			09 51 17.0	
PECR	comp=Z,2µm,6.0s	smax	smax		
PECR	comp=N,4µm,7.0s	MLR	MLR		
PECR	comp=Z,3µm,22.0s,MSS.5	MLR	MLR		
STAV	Stavanger 69.46	4 eP	P	09 41 25.5	-0.4
STAV	comp=Z,307nm,1.4s,mb6.0	Amb	P	09 41 29.2	
VSU	Vasula 70.56	353 i Pr	P	09 41 26.9	
PPT	Papeete 70.56	163 P	P	09 41 32.0	-1.3
PPT	comp=Z,72nm,1.0s,mb5.6,baz=75,slow=10,SNR=3.6				
PPT	comp=Z,38nm,1.2s,mb5.6			09 41 31.4	-1.9
PPT	comp=Z,3µm,22.5s	eL		09 59 30.5	
PPT	comp=Z,21µm,27.8s	eR		10 02 43.3	
TIAR	Tiarei 70.59	163 eP	P	09 41 31.5	-2.0
TIAR	comp=Z,579nm,0.9s,mb6.5				
PAE	Paea 70.56	163 eP	P	09 41 32.3	-1.6
PAE	comp=Z,463nm,1.4s,mb6.2				
AAA	Alma-Ata 70.71	316 i P	P	09 41 35.0	+1.2
AAA	comp=Z,463nm,1.4s,mb6.2	S	S	09 50 52.5	+5.5
AAA	comp=Z,2µm,8.0s	pmax	pmax		
TVO	Taravao 70.83	163 eP	P	09 41 33.3	-1.7
TVO	comp=Z,2µm,18.0s,MS5.4				
EDR	Drumochty 71.04	9 eP	P	09 41 34.1	-0.3
DAV	Davao City (W) 71.04	257 eP	P	09 41 34.0	-2.3
MOS	Moscow 71.05	346 eP	P	09 41 35.3	-0.3
MOS	comp=Z,399nm,1.2s,mb6.6	i P	P	09 41 39.0	+0.9
MOS	comp=Z,3µm,22.5s	eR		09 44 11.3	
MOS	comp=Z,349nm,1.1s,mb6.2	ePPP	PPP	09 45 53.0	-3.4
MOS	comp=Z,2µm,19.9s,MSS.8	eS	SS	09 50 50.4	-0.3
MOS	comp=Z,6µm,19.9s,MSS.8	e	SSS	09 51 36.5	
MOS	comp=Z,939nm,1.2s,mb6.6	eSSS	SSS	09 58 29.3	-2.8
MOS	comp=Z,2µm,19.9s,MSS.8	pmax	pmax		
MOS	comp=Z,3µm,22.5s	MLR	MLR		
MOS	comp=Z,2µm,19.9s,MSS.8	MLR	MLR		
EDU	Dundee 71.16	10 eP	P	09 41 36.0	-0.3
KMI	Kumming 71.29	287 i/P	P	09 41 36.7	-1.0
KMI	comp=Z,2µm,19.3s	XP	sP	09 41 41.2	+0.1
KMI	comp=Z,349nm,1.1s,mb6.2	PCP	PcP	09 41 59.2	+1.5
KMI	comp=Z,2µm,19.3s	PP	PP	09 44 16.1	-1.7
KMI	comp=Z,2µm,19.3s	PPP	PPP	09 45 59.0	-0.1
KMI	comp=Z,2µm,19.3s	S	XS	09 50 52.9	-1.2
KMI	comp=Z,2µm,19.3s	SS	ScS	09 51 04.0	
KMI	comp=Z,2µm,19.3s	SS	SS	09 51 39.4	+0.9
KMI	comp=Z,2µm,19.3s	SS	SS	09 55 26.4	-3.7
KMI	comp=Z,173nm,1.5s,mb5.8	AMB	AMB		
KMI	comp=Z,2µm,4.2s	LR	LR		
KMI	comp=N,2µm,19.5s,MSS.5	LR	LR		
KMI	comp=E,2µm,16.7s,MSS.5	LR	LR		
KMI	comp=Z,939nm,1.2s,mb6.6	MLR	MLR		
KMI	comp=Z,6µm,19.9s,MSS.8	MLR	MLR		
EDU	Dundee 71.16	10 eP	P	09 41 36.0	-0.3
KMI	Kumming 71.29	287 i/P	P	09 41 36.7	-1.0
KMI	comp=Z,2µm,19.3s	XP	sP	09 41 41.2	+0.1
KMI	comp=Z,349nm,1.1s,mb6.2	PCP	PcP	09 41 59.2	+1.5
KMI	comp=Z,2µm,19.3s	PP	PP	09 44 16.1	-1.7
KMI	comp=Z,2µm,19.3s	PPP	PPP	09 45 59.0	-0.1
KMI	comp=Z,2µm,19.3s	S	XS	09 50 52.9	-1.2
KMI	comp=Z,2µm,19.3s	SS	ScS	09 51 04.0	
KMI	comp=Z,2µm,19.3s	SS	SS	09 51 39.4	+0.9
KMI	comp=Z,2µm,19.3s	SS	SS	09 55 26.4	-3.7
KMI	comp=Z,173nm,1.5s,mb5.8	AMB	AMB		
KMI	comp=Z,2µm,4.2s	LR	LR		
KMI	comp=N,2µm,19.5s,MSS.5	LR	LR		
KMI	comp=E,2µm,16.7s,MSS.5	LR	LR		
KMI	comp=Z,939nm,1.2s,mb6.6	MLR	MLR		
KMI	comp=Z,6µm,19.9s,MSS.8	MLR	MLR		
EDU	Dundee 71.16	10 eP	P	09 41 36.0	-0.3
KMI	Kumming 71.29	287 i/P	P	09 41 36.7	-1.0
KMI	comp=Z,2µm,19.3s	XP	sP	09 41 41.2	+0.1
KMI	comp=Z,349nm,1.1s,mb6.2	PCP	PcP	09 41 59.2	+1.5
KMI	comp=Z,2µm,19.3s	PP	PP	09 44 16.1	-1.7
KMI	comp=Z,2µm,19.3s	PPP	PPP	09 45 59.0	-0.1
KMI	comp=Z,2µm,19.3s	S	XS	09 50 52.9	-1.2
KMI	comp=Z,2µm,19.3s	SS	ScS	09 51 04.0	
KMI	comp=Z,2µm,19.3s	SS	SS	09 51 39.4	+0.9
KMI	comp=Z,2µm,19.3s	SS	SS	09 55 26.4	-3.7
KMI	comp=Z,173nm,1.5s,mb5.8	AMB	AMB		
KMI	comp=Z,2µm,4.2s	LR	LR		
KMI	comp=N,2µm,19.5s,MSS.5	LR	LR		
KMI	comp=E,2µm,16.7s,MSS.5	LR	LR		
KMI	comp=Z,939nm,1.2s,mb6.6	MLR	MLR		
KMI	comp=Z,6µm,19.9s,MSS.8	MLR	MLR		
EDU	Dundee 71.16	10 eP	P	09 41 36.0	-0.3
KMI	Kumming 71.29	287 i/P	P	09 41 36.7	-1.0
KMI	comp=Z,2µm,19.3s	XP	sP	09 41 41.2	+0.1
KMI	comp=Z,349nm,1.1s,mb6.2	PCP	PcP	09 41 59.2	+1.5
KMI	comp=Z,2µm,19.3s	PP	PP	09 44 16.1	-1.7
KMI	comp=Z,2µm,19.3s	PPP	PPP	09 45 59.0	-0.1
KMI	comp=Z,2µm,19.3s	S	XS	09 50 52.9	-1.2
KMI	comp=Z,2µm,19.3s	SS	ScS	09 51 04.0	
KMI	comp=Z,2µm,19.3s	SS	SS	09 51 39.4	+0.9
KMI	comp=Z,2µm,19.3s	SS	SS	09 55 26.4	-3.7
KMI	comp=Z,173nm,1.5s,mb5.8	AMB	AMB		
KMI	comp=Z,2µm,4.2s	LR	LR		
KMI	comp=N,2µm,19.5s,MSS.5	LR	LR		
KMI	comp=E,2µm,16.7s,MSS.5	LR	LR		
KMI	comp=Z,939nm,1.2s,mb6.6	MLR	MLR		
KMI	comp=Z,6µm,19.9s,MSS.8	MLR	MLR		
EAB	Aberfoyle 71.37	11 i/P	P	09 41 37.4	-0.2
EAB	comp=Z,516nm,1.7s,mb6.2	Amb	P	09 41 40.8	
EBH	Black Hill 71.40	10 eP	P	09 41 37.8	0.0
EBH	comp=Z,516nm,1.7s,mb6.2	Amb	P	09 41 40.2	
TKM2	Tokmak 2 71.57	317 i P	P	09 41 39.1	+0.1
TKM2	comp=Z,457nm,1.4s,mb6.2				
QIZ	Qiongzong 71.57	277 i P	P	09 41 38.0	-1.4
QIZ	comp=Z,457nm,1.4s,mb6.2			09 41 56.0	-2.9
QIZ	comp=Z,457nm,1.4s,mb6.2	PCP	PcP	09 44 18.5	-1.5
QIZ	comp=Z,457nm,1.4s,mb6.2	S	SS	09 51 06.2	-1.2
QIZ	comp=Z,457nm,1.4s,mb6.2	XS	SS	09 51 10.4	
QIZ	comp=Z,457nm,1.4s,mb6.2	SKS	SKS	09 51 34.6	-8.5
QIZ	comp=Z,457nm,1.4s,mb6.2	SS	SS	09 55 34.8	+0.4
QIZ	comp=E,1µm,22.0s	LR	LR		
QIZ	comp=Z,1µm,21.1s,MSS.1	LR	LR		
QIZ	comp=Z,219nm,1.4s,mb5.9			09 41 37.3	-2.1
PCOU	Corrie 71.59	10 i/P	P	09 41 39.1	+0.2

PMSU	Muirshiel 71.66	11 eP	P	09 41 39.2	-0.1
POBI	Observatory 71.69	11 eP	P	09 41 39.7	+0.1
USP	Ospenovka 71.75	318 P	P	09 41 40.3	+0.2
USP	Edinburgh SNR=125				
EDI	Edinburgh 71.76	10 i/P	P	09 41 40.0	+0.1
EDI	comp=Z,422nm,1.6s,mb6.1	Amb	P	09 41 42.3	
BBSR	BB Station 71.80	61 eP	P	09 41 38.8	-1.8
BBSR	comp=Z,1µm,1.6s,mb6.5				
BBSR	comp=Z,2µm,21.0s,MS5.4	LR	LR		
OBN	Obninsk 71.81	346 eP	P	09 41 39.5	-0.7
OBN	comp=Z,2µm,21.0s,MS5.4			09 41 46.7	
OBN	comp=Z,2µm,21.0s,MS5.4			09 41 55.2	
OBN	comp=Z,2µm,21.0s,MS5.4			09 44 17.4	
OBN	comp=Z,2µ				

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMAR, KWP, Ostrava-Krasne, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FUR, PONG, KIZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SIM, LKBD, SENIN, etc.

BE0	Belgrade	83.61 355	fP	P	09 42 46.0 +0.6
NINI	Niniconang	83.65 255	eP	P	09 42 44.7 -1.6
comp-Z,165nm,1.0s,mb.1					
BUC1	Bucharest	83.67 351	fP	P	09 42 45.9 +0.2
BUC2	Bucharest	83.67 351	fP	P	09 42 45.9 +0.2
BUC3	Bucharest	83.67 351	fP	P	09 42 46.0 +2.2
MBDF	Montadon	83.69 5	PP	P	09 42 45.8 -0.6
comp-Z,653nm,1.1s,mb.2.4					
KHET	Khethri	83.72 308	eP	P	09 42 47.9 -1.0
KHET					
comp-Z,165nm,1.2s					
OCF	Saint Nazaire	83.75 6	eP	P	09 42 47.9 +1.8
OC26	St.-Nazaire-De	83.75 6	eP	P	09 42 47.9 +1.8
STS	Santiago	83.75 16	eP	P	09 42 47.0 +0.8
comp-Z,176nm,1.0s,mb.2					
BOB	Bobbio (Coil)	83.77 3	PP	P	09 42 48.0 +1.8
PZZ	Prazzo	83.93 5	eP	P	09 42 47.7 +0.7
SURF	Saint Ours	83.94 5	eP	P	09 42 49.4 +2.3
NVLJ	Novalja	84.04 359	fP	P	09 42 48.0 +0.4
GRAM		84.06 3	eP	P	09 42 49.4 +1.7
SVIS	Svilajnac	84.09 355	fP	P	09 42 48.2 +0.4
GENL	Genova Unifers	84.11 3	eP	P	09 42 48.2 +0.3
ERBM	Eremo	84.14 2	eP	P	09 42 49.9 +1.8
LASF	Ste Croix	84.15 7	eP	P	09 42 49.5 +1.4
comp-Z,422nm,1.1s,mb.2					
CODM		84.16 3	eP	P	09 42 49.4 +1.3
ROB	Roburent	84.17 3	eP	P	09 42 48.7 +0.1
STV	Anna di Valdie	84.20 5	eP	P	09 42 48.4 +0.0
STV	Sta Anna Valdi	84.20 5	eP	P	09 42 48.3 -0.1
ELAN	Lanestosa	84.21 13	PP	P	09 42 49.1 +0.6
comp-Z,82nm,1.3s,mb.5					
VALM		84.21 3	eP	P	09 42 49.7 +1.3
GSLC	Gusciola	84.22 2	eP	P	09 42 50.2 +1.8
ENR	Entracque	84.22 5	eP	P	09 42 48.2 -0.3
ZCCA	Zocca	84.23 2	eP	P	09 42 51.0 +2.5
BACM		84.28 3	eP	P	09 42 50.1 +1.3
FIN	Finale Ligure	84.28 4	eP	P	09 42 49.0 +0.2
GRSN	Barisano	84.31 3	eP	P	09 42 51.9 +2.5
DIVS	Divicbare	84.35 355	fP	P	09 42 49.6 +0.4
RORO		84.37 4	eP	P	09 42 49.6 +0.4
SMRF	Simiane la Rot	84.37 6	eP	P	09 42 51.1 +1.9
comp-Z,797nm,1.3s,mb.4					
MONF	Monforte	84.39 4	eP	P	09 42 50.1 +0.8
TOUF	Mont Tournairi	84.43 5	eP	P	09 42 51.2 +1.7
EZAM	Zamans	84.44 17	eP	P	09 42 50.7 +1.0
comp-Z,131nm,1.1s,mb.6.0					
AUTN	L'Aution	84.45 5	eP	P	09 42 51.2 +1.5
OSPF	Osses	84.45 11	PP	P	09 42 48.9 +0.1
EALK	Alkuruntz	84.47 11	PP	P	09 42 50.2 +0.4
comp-Z,635nm,1.7s,mb.5.5					
SAOF	Saorge	84.47 4	eP	P	09 42 51.0 +1.3
ERUA	La Rua	84.47 15	PP	P	09 42 50.6 +0.8
comp-Z,260nm,1.2s,mb.5					
VILF	Villemus	84.50 6	eP	P	09 42 51.9 +2.0
BDI	Bagni Di Lucca	84.51 2	eP	P	09 42 50.3 +0.4
BOLS	Boljvac	84.51 354	fP	P	09 42 50.0 +0.0
PRAF	Pradon	84.51 6	eP	P	09 42 51.9 +1.9
GRUS	Gruza	84.53 355	fP	P	09 42 50.6 +0.5
SEI	Scarpieria	84.53 2	eP	P	09 42 52.0 +1.9
MOVF	Mont Vial	84.54 5	eP	P	09 42 51.4 +1.3
ORDF	Ordriard	84.54 11	PP	P	09 42 50.0 -0.1
GNI	Garni	84.56 337	P	P	09 42 51.5 +1.3
comp-Z,52nm,1.0s,mb.5.6,baz=342,slow=6.8,SNR=24					
GNI		84.56 337	LR	LR	10 30 33.7
GNI	Garni	84.56 337	LR	LR	09 42 51.5 +1.3
GNI	Garni	84.56 337	LR	LR	10 30 33.7
AURF	Aurieres	84.56 5	eP	P	09 42 51.4 +1.2
IML	Imperia	84.56 6	eP	P	09 42 53.9 +0.7
SBF	Sospel	84.59 5	eP	P	09 42 51.3 +1.0
comp-Z,966nm,1.1s,mb.5.5					
SJPF	Ste Jean	84.60 11	PP	P	09 42 50.8 +0.4
comp-Z,195nm,1.3s,mb.2					
BBLs	Bajina Basta	84.61 356	fP	PP	09 43 05.1 +1.1
NEGI	Negi	84.61 4	eP	P	09 42 51.3 +0.8
VMG	Vicchio	84.63 2	eP	P	09 42 52.1 +1.6
MAIM		84.65 2	eP	P	09 42 51.1 +0.4
CALN	Calern	84.67 5	eP	P	09 42 52.1 +1.4
RSIM	Republica di	84.67 10	PP	P	09 42 52.1 +2.0
PRD	Provadia	84.67 350	eP	P	09 42 52.0 +1.2
SFI	Santa Sofia	84.69 1	eP	P	09 42 52.9 +2.1
REVF	Revere	84.71 5	eP	P	09 42 52.3 +1.4
TREF	Trevasse	84.71 6	eP	P	09 42 52.9 +2.0
PTGF	Poggio Sodo	84.72 1	eP	P	09 42 53.3 +2.3
MIGD	Monte	84.74 8	eP	P	09 42 52.2 +1.1
SZH	Strazhnica	84.75 351	eP	P	09 42 51.0 -0.2
TAVF	Tavernes	84.76 6	eP	P	09 42 52.9 +1.7
LBOF	Labassere	84.82 10	eP	P	09 42 51.5 0.0
PUYF	Puyfourel	84.82 11	PP	P	09 42 53.1 +1.6
ELOB	Lobios	84.83 16	P	P	09 42 52.1 +0.5
comp-Z,398nm,2.2s,mb.2					
PII	Pisa	84.84 2	eP	P	09 42 51.6 0.0
FRF	La Foret Royal	84.85 5	PP	P	09 42 52.6 +1.0
comp-Z,395nm,1.2s,mb.3					
EPF	Esparras	84.86 10	PP	P	09 42 51.9 +0.2
comp-Z,436nm,1.2s,mb.2					
NEV	Hard Times	84.89 69	eP	P	09 42 53.2 +0.8
ETSF	Etsauil	84.89 11	PP	P	09 42 53.1 +1.2
comp-Z,574nm,1.2s,mb.2					
FSSB	Fossombone	84.91 1	PP	P	09 42 53.3 +1.3
CPB	Codrington	84.92 6	eP	P	09 42 52.6 0.0
GELF	Grande-Etoile	84.95 6	eP	P	09 42 53.8 +1.7
NVSS	Nova Varos 2	84.96 356	fP	P	09 42 54.1 +1.9
WFDF	Les Forges d'A	84.97 11	PP	P	09 42 53.7 +1.4
CRE	Capresse Michel	84.97 1	eP	P	09 42 53.4 +1.2
ECAL	Calabor	84.98 15	eP	P	09 42 52.7 +0.4
comp-Z,514nm,2.6s,mb.2					
BZK	Bozkur	85.00 345	eP	P	09 42 53.3 +0.9
MBS	Moutils	85.01 9	eP	P	09 42 54.1 +0.6
RLF	Bertagne	85.04 6	eP	P	09 42 54.1 +1.5
MELF	Melles	85.06 10	eP	P	09 42 52.7 0.0
LMR	La Moudre	85.06 5	PP	P	09 42 53.9 +1.2
comp-Z,710nm,1.3s,mb.3					
LPEV	Le Peat	85.10 9	PP	P	09 42 53.9 +1.0
ARF	Arcevia	85.11 1	PP	P	09 42 54.3 +1.4
CSNT	Castellina Chi	85.11 2	PP	P	09 42 53.2 +0.3
PBRG	Braganca	85.11 15	PP	P	09 42 53.3 +0.3
comp-Z,123nm,1.4s,mb.8.5					
PBRG		85.11 15	PP	PP	09 46 11.9 0.0
PLE	Plijevija	85.15 356	fP	PP	09 42 54.5 +1.4
LRDF	Laroue-de-Fa	85.17 8	eP	P	09 42 54.6 +1.4
CING	Cingoli	85.20 3	eP	P	09 42 54.9 +0.3
UMR	Unac-Priva	85.30 356	fP	P	09 42 54.2 +0.3
MUPB	Monte Urbino	85.34 1	PP	P	09 42 55.6 +1.5
EYBT	Boyatbat	85.34 3	eP	P	09 42 56.5 +2.4
BPA	Boggy Peak	85.37 68	eP	P	09 42 54.5 -0.4
GRFL	Gerfalco	85.43 2	PP	P	09 42 55.2 +0.7
GUMT	Gumushane	85.45 341	P	P	09 42 56.4 +1.7
PVRL	Vila Real	85.46 16	eP	P	09 42 55.3 +0.5
comp-Z,117nm,1.7s,mb.5.7					
PVRL		85.48 16	PP	PP	09 46 13.8 -1.0
JMBL	Yambol	85.48 351	eP	PP	09 42 55.0 +0.2
KVT	Kavak	85.51 343	P	P	09 42 57.4 +2.4
BARS	Barje	85.53 354	fP	P	09 42 55.0 -0.1
ASS	Assia	85.54 1	PP	P	09 42 56.6 +0.9
FILF	Filitsa	85.54 8	PP	P	09 42 55.8 -0.7
EZM	Erzurum	85.58 339	P	P	09 42 57.7 +2.3
IVA	Berane	85.58 355	fP	P	09 42 56.0 +0.7
AJM	Ajmer	85.61 308	fP	P	09 42 55.0 -0.9
BRY	Bratogost	85.61 356	fP	P	09 42 55.6 +0.1
PGR	Panagyurishte	85.62 352	fP	P	09 42 56.2 +0.5
VTS	Vitoshka	85.66 353	fP	P	09 42 56.0 +0.3
STON	Ston	85.67 357	fP	P	09 42 55.4 -0.4
EJON	La Jonquera	85.68 8	PP	P	09 42 56.6 +0.8
comp-Z,337nm,1.4s,mb.4					
NKY	Norka	85.69 356	fP	P	09 42 55.8 0.0
NRC4	Norka	85.77 0	PP	P	09 42 57.4 +1.1
PVY	Plav	85.86 355	fP	P	09 42 56.4 -0.3
TOS	Tosya	85.90 345	P	P	09 42 59.3 +2.3
SAFT	Safiranbolu	85.91 346	P	P	09 42 58.2 +1.2
PGF	Pogliola	85.97 4	PP	P	09 42 58.3 +0.2
comp-Z,11um,1.4s,mb.2					
PVIS	Viseu	85.98 16	eP	P	09 42 57.6 +0.3
comp-Z,154nm,1.2s,mb.1					
PVIS		85.98 16	PP	PP	09 46 18.8 -0.1
TERO	Teramo	85.98 0	1.6	P	09 42 58.8 +1.6
DIM	Dimitrovgrad	86.00 351	eP	P	09 42 58.9 +0.6
PLD	Plovdiv	86.02 352	eP	P	09 42 58.0 +0.5
TTG	Podgorica	86.06 356	fP	P	09 42 57.5 -0.2
ESAC	San Caprisio	86.06 11	PP	P	09 42 58.5 +0.8
comp-Z,809nm,1.4s,mb.8					
HCY	Herceg Novi	86.07 356	fP	P	09 42 57.5 -0.2
EMIR	Miracle	86.09 9	PP	P	09 42 58.6 +0.7
comp-Z,758nm,1.8s,mb.6.6					
MAON	Monte Argente	86.15 2	PP	P	09 42 58.5 +0.3
BUM	Brajići-Budva	86.20 356	fP	P	09 42 58.2 -0.2
SUN	Montasola	86.22 1	PP	P	09 42 58.6 +0.1
ALU	Alia	86.30 0	PP	P	09 43 00.9 +0.9
VRT	Varto	86.28 339	P	P	09 43 00.8 +1.9
MTE	Manteigas	86.34 16	eP	P	09 42 59.2 0.0
comp-Z,87nm,1.1s,mb.5.9					
MTE		86.34 16	eP	PP	09 46 22.0 -0.2
MTE		86.34 16	eP	SS	09 59 14.9 -1.3
MTE		86.34 16	eP	eLR	10 08 04.8
MTE		86.34 16	eP	eLR	10 12 37.7
comp-Z,21um,22.0s					
SNG	Songkhla	86.36 277	P	P	09 42 51.0 -8.9
comp-Z,430nm,1.0s,mb.2					
CANT	Cankiri	86.39 345	P	P	09 43 01.4 +2.0
KKB	Krupnik	86.39 353	fP	P	09 43 00.0 +0.7
SKO	Skojpe	86.40 354	fP	P	09 43 00.3 +0.9
KDX	Kurdzhali	86.41 351	eP	P	09 43 00.0 +0.6
PCOI	Coimbra	86.42 17	eP	P	09 42 59.8 +0.3
comp-Z,335nm,1.3s,mb.4					

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like RGRS Roger Stewart, TWB Tillmans-White, CCM Cathedral Cave, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like NVAR Battle Mountain, NVAR Mina Array Bea, NVAR Red Top Meadow, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like TBM Table Mountain, WTV Waterville, FL2 Flat Top 2, etc.

BJI	comp=Z,176nm,1.0s,mb5.0	AMB	AMB		
BJI	comp=N,1um,16.9s,MSS.2	LR	LR		
BJI	comp=E,2um,19.0s,MSS.2	LR	LR		
BTJ	comp=Z,829nm,26.9s	LR	LR		
STKA	Stephens Creek 49.84 127	i/P	P	14 27 27.8	0.0
STKA	comp=Z,35nm,0.8s,mb5.4	P	P	14 27 28.0	+0.2
STKA	comp=Z,37nm,0.8s,mb5.4,baz=299,slow=7.3,SNR=60	LR	LR	14 47 58.5	
WMO	comp=Z,4um,20.3s,MSS.4,baz=284,slow=35	LR	LR	14 27 31.6	+0.2
WMO	Urumqi 50.34 353	i/P	P	14 27 37.6	-0.6
WMO		AP	pP	14 27 40.0	-0.2
WMO		XP	sP	14 28 50.1	-0.1
WMO		PCP	pP	14 29 28.1	+0.2
WMO		PP	pP	14 34 42.2	+0.4
WMO		S	S	14 34 52.2	
WMO		XS	XS	14 34 52.2	
WMO	comp=Z,209nm,1.2s,mb6.0	AMB	AMB		
WMO	comp=N,454nm,21.0s,MS4.6	LR	LR		
WMO	comp=E,343nm,21.0s,MS4.6	LR	LR		
WMO	comp=Z,429nm,18.0s,MS4.5	LR	LR		
CTA	Charters Tower 50.95 111	i/P	P	14 27 36.9	+0.5
CTA	comp=Z,88nm,1.0s,mb5.7	eS	S	14 34 55.0	+4.5
CTA	Charters Tower 50.95 111	P	P	14 27 36.9	+0.5
CTA	comp=Z,20nm,1.0s,mb5.0,baz=280,slow=9.5,SNR=25	LR	LR	14 48 24.4	
CTA	comp=Z,2um,20.1s,MS5.1,baz=281,slow=35	LR	LR	14 27 36.4	+0.1
CTAO	Charters Tower 50.95 111	eP	P	14 27 36.4	+0.1
DL2	comp=Z,111nm,0.9s,mb5.8	LR	LR	14 27 36.0	-0.2
DL2	Dalian 50.96 26	P	P	14 27 44.0	+1.1
DL2		AP	pP	14 34 55.0	+4.6
DL2		S	AMB		
DL2	comp=Z,75nm,1.0s,mb5.6	LR	LR		
PMG	comp=E,2um,18.0s	LR	LR		
PMG	Port Moresby 51.09 97	P	P	14 27 37.2	-0.2
PMG	comp=Z,49nm,1.1s,mb5.4,baz=304,slow=5.6,SNR=11	LR	LR	14 47 50.5	
PMG	comp=E,1um,22.0s,MS4.8,baz=264,slow=34	LR	LR	14 27 38.3	+0.8
PMG	Port Moresby 51.09 97	eP	P	14 27 41.2	+0.4
KZA	Kyazir 51.56 341	P	P	14 27 43.5	-0.1
UCH	Uchtor 51.94 340	P	P	14 27 44.9	-0.2
AML	Almayashu 52.14 339	P	P	14 27 45.0	-0.4
KBK	Karagaybulak 52.18 341	P	P	14 27 45.1	-0.5
TKM2	Tokmak 2 52.21 341	P	P	14 27 45.0	-0.5
INCN	Inchon 52.22 31	eP	P	14 27 50.4	-2.1
INCN	comp=E,81nm,0.8s,mb5.7	eP	pP	14 27 46.0	-0.4
AAK	Ala-Archa 52.31 340	P	P	14 27 46.0	-0.4
FRU	Bishkek 52.45 341	eP	P	14 27 46.0	-1.4
FRU		e	P	14 27 56.0	
CHMS	Chumysh 52.55 341	P	P	14 27 47.6	-0.6
EKS2	Erkin-Say 52.58 340	P	P	14 27 48.2	-0.2
GUMO	Guam 52.68 348	P	P	14 27 45.9	-3.6
GUMO	USP 52.87 341	P	P	14 27 49.8	-0.8
MKAR	Makanchi Array 54.11 349	P	P	14 27 58.1	-1.5
MKAR	comp=E,32nm,0.8s,mb5.3,baz=155,slow=7.8,SNR=135	LR	LR	14 52 34.9	
MKAR	comp=E,61nm,20.5s,MS4.7,baz=164,slow=36	LR	LR	14 27 58.1	-1.5
MKAR	Makanchi Array 54.11 349	P	P	14 27 58.1	-1.5
MKAR	comp=Z,32nm,0.9s	P	P	14 27 58.2	-1.7
MKAR	comp=Z,613nm,20.5s	MLR	MLR		
KKAR	Karatay Array 54.15 337	i/P	P	14 27 58.2	-1.7
KKAR	comp=Z,38nm,1.1s,mb5.2	P	P	14 27 59.0	-1.4
SNY	Shenyang 54.21 26	i/P	P	14 35 35.8	+1.1
SNY	comp=Z,350nm,7.1s	AMB	AMB		
SNY	comp=N,2um,18.6s	LR	LR		
SNY	comp=Z,2um,19.2s,MS5.1	LR	LR		
HASS	Wahat al Ahsa' 54.52 307	P	P	14 28 02.2	-0.7
SOMM	Songino Array 54.66 9	P	P	14 28 03.5	-0.2
SOMM	comp=Z,39nm,0.9s,mb5.4,baz=190,slow=7.5,SNR=186	LR	LR	14 58 18.0	
SOMM	comp=Z,1.3nm,1.1s,slow=1.2,SNR=3.9	PKPKP	P	14 58 29.9	
SOMM	comp=Z,1.1nm,1.1s,slow=1.2,SNR=3.9	PKP2bc	P	14 28 03.5	-0.2
SOMM	Songino Array 54.66 9	P	P	14 58 18.0	
SOMM		i	P	14 58 29.9	
SOMM		i	P	14 58 29.9	
ULN	Ulanbaatar 54.80 9	PFAKE	LR	14 28 20.0	+1.5
TOO	comp=Z,1um,19.0s,MS5.1	LR	LR		
TOO	Toolangi 54.90 132	eP	P	14 28 06.2	+0.6
TOO	comp=Z,28nm,0.8s,mb5.3	P	P	14 28 16.8	-1.0
CN2	Changchun 56.61 26	eP	pP	14 28 23.4	-1.2
CN2		eAP	P	14 36 07.3	+0.6
CN2		eS	S	14 39 56.0	+0.7
CN2		SS	SS		
CN2		AMB	AMB		
CN2	comp=Z,80nm,1.0s,mb5.7	LR	LR		
CN2	comp=Z,2um,17.0s,MS5.2	LR	LR		
KAMS	Khamasi 56.70 299	P	P	14 28 16.8	-1.9
ZAK	Zakamensk 56.77 6j	eP	P	14 28 18.1	-0.8
ZAK		i	pP	14 28 24.7	-0.9
ZAK		e	P	14 29 09.3	
CNB	Canberra Magne 57.09 128	eP	P	14 28 21.8	+0.4
RAYN	Ray 57.19 303	P	P	14 28 20.1	-2.1
RAYN	comp=Z,67nm,1.1s,mb5.6	P	P	14 28 23.0	-0.6
TATS	Tathlith 57.38 298	P	P	14 28 24.6	-0.8
MZLS	Mizel 57.65 303	P	P	14 28 25.0	+1.4
ARMA	Armidale 58.09 122	eP	P	14 28 27.1	-1.0
TLY	Talya 58.09 6j	i/P	pP	14 28 34.9	0.0
TLY		i	P	14 29 17.6	
TLY		i	P	14 30 36.4	
TLY		i	S	14 36 18.0	-8.1
TLY		i	SS	14 40 12.9	-6.3
TLY		i	SS		
TLY	comp=Z,565nm,0.9s,mb6.6	MLR	MLR		
TAU	Tasmania Univ 58.15 137	eP	P	14 28 27.3	-2.0
TAU	comp=Z,33nm,0.8s,mb5.4	LR	LR		
MAJO	comp=Z,559nm,20.0s,MS4.7	LR	LR		
MAJO	Matsushiro 58.27 40	eP	P	14 28 27.6	-2.0
MAJO	comp=Z,26nm,0.7s,mb5.4	LR	LR	14 28 34.0	-2.4
MAT	Matsushiro 58.27 40	P	P	14 28 28.1	-1.5
MAT		S	S	14 36 25.0	-3.7
MAT	Matsushiro 58.27 40	eP	P	14 28 28.0	-1.6
MAT	comp=Z,54nm,1.4s,mb5.4	eS	S	14 36 25.0	-3.7
MAT		LR	LR		
MAT	comp=Z,1um,19.0s,MS5.0	LR	LR		
KMBO	Kilima Mbogo 58.48 272	P	P	14 28 31.2	-0.1
KMBO	comp=Z,11nm,1.0s,mb4.8,baz=73,slow=6.8,SNR=23	LR	LR	14 49 17.5	
KURK	Kurchatov 58.60 347	eP	P	14 28 30.0	-1.7
KURK	comp=Z,86nm,1.1s,mb5.7	LR	LR		
KURK	comp=Z,357nm,20.0s,MS4.5	LR	LR		
IRK	Irkutsk 58.71 6	eP	P	14 28 31.6	-0.9
MDJ	Mudanjiang 59.10 28	P	P	14 28 35.0	-0.3
MDJ		AP	pP	14 28 41.3	-0.8

MDJ	XP	sP	14 28 43.9	-0.7	
MDJ	PCP	pP	14 29 22.8	-0.8	
MDJ	PP	P	14 30 46.8	-0.9	
MDJ	SCP	S	14 33 22.4		
MDJ	XS	S	14 36 42.8	+3.4	
MDJ	SS	SS	14 38 23.9	+3.2	
MDJ	SS	SS	14 40 37.5	+2.6	
MDJ	AMB	AMB			
MDJ	comp=Z,323nm,6.1s	LR	LR		
MDJ	comp=N,1um,16.5s,MS5.2	LR	LR		
MDJ	comp=E,1um,17.8s,MS5.2	LR	LR		
MDJ	comp=Z,1um,20.3s,MS5.1	LR	LR		
MDJ	Mudanjiang 59.10 28	eP	P	14 28 34.5	-0.8
MDJ	comp=Z,38nm,1.0s,mb5.4	e	LR	14 28 41.2	-0.9
MDJ		pP	P		
MDJ	comp=Z,1um,20.0s,MS5.1	LR	LR		
HIA	Hailar 59.13 18	eP	P	14 28 34.5	-1.0
AFFS	Ar Rass 59.45 302	P	P	14 28 37.6	-0.3
MIR	Mirnyy 60.24 1811	eP	P	14 28 42.0	-0.8
MIR		e	P	14 31 05.0	
MIR		ePPP	PPP	14 32 20.0	-4.2
MIR		eS	S	14 36 56.0	+2.2
MIR		P	P		
MIR	comp=Z,130nm,1.6s,mb5.7	P	P	14 28 43.5	-0.6
LTHS	Li Lith 60.73 352	i/P	P	14 28 50.2	-2.9
NVS	Novosibirsk 61.34 301	P	P	14 31 10.2	
NVS	comp=N,67nm,1.0s	P	P		
NVS	comp=E,31nm,1.0s	P	P		
NVS	comp=Z,126nm,1.0s,mb5.0	P	P		
HLS	Ha'il 61.84 305	P	P	14 28 54.3	+0.1
VOSK	Vostochnaya 62.37 343	P	P	14 28 55.0	-2.4
VOSK		P	P		
VOSK	comp=Z,75nm,1.2s,mb5.7	P	P	14 28 55.1	-2.3
BVAK	Borovoye Array 62.37 343	P	P	14 28 58.2	-2.0
BVAK	comp=Z,21nm,0.7s,mb5.4,baz=143,slow=7.4,SNR=138	P	P	14 28 58.7	-1.9
BRVK	Borovoye 62.86 343	P	P	14 28 58.5	-2.1
BRVK	comp=Z,35nm,1.4s,mb5.3	P	P	14 28 58.5	-2.1
BRVK	Borovoye 62.86 343	eP	P	14 28 58.5	-2.1
ZRNK	Zerenda 63.15 342	P	P	14 29 00.5	-2.0
ZRNK	comp=Z,75nm,1.1s,mb5.7	P	P	14 29 00.5	-2.0
ZRNK	comp=Z,31nm,1.0s,mb5.4	P	P	14 29 00.6	-1.9
KBRS	Khaybar 63.30 303	P	P	14 29 04.2	+0.4
AB31	Akbulak array 63.42 305	P	P	14 29 03.3	-1.1
AB31	comp=Z,70nm,0.8s,mb5.8	P	P	14 29 04.1	-1.2
KLR	Kul'dur 63.57 26j	i/P	P	14 29 04.1	-1.2
KLR		e	P	14 29 46.0	
KLR		e	P	14 31 29.5	
KLR		eS	S	14 37 42.0	+5.9
KLR	comp=N,30nm,1.2s	P	P		
KLR	comp=Z,64nm,1.2s,mb5.5	P	P		
KLR	comp=Z,1um,16.0s,MS5.1	MLR	MLR		
YNBS	Yanbu' al Bahr 63.84 301	P	P	14 29 07.6	0.0
UMBS	Umm Lajj 64.74 302	P	P	14 29 13.6	+2.2
MJAR	Mbarara 65.01 272	eP	P	14 29 12.5	-0.8
MJAR	comp=Z,31nm,1.1s,mb5.2	LR	LR		
MAW	Mawson 65.17 193	i/P	P	14 29 15.3	-0.2
MAW	comp=Z,45nm,0.9s,mb5.5	eS	S	14 37 59.2	+3.6
MAW	Mawson 65.17 193	P	P	14 29 15.4	-0.1
MAW	comp=Z,66nm,1.1s,mb5.6,baz=28,slow=7.6,SNR=70	LR	LR	14 51 32.9	
MAW	comp=Z,478nm,20.2s,MS4.7,baz=36,slow=30	LR	LR	14 57 55.4	
ASAJ	Asahikawa 65.54 35	P	P	14 29 17.7	-0.6
ASAJ	comp=Z,2.2nm,0.9s,baz=282,slow=4.1,SNR=3.9	P	P	14 29 17.7	-0.6
ASAJ	Asahikawa 65.54 35	P	P	14 29 17.7	-0.6
ASAJ	comp=Z,15nm,0.9s,mb5.0,baz=263,slow=8.4,SNR=9.4	P	P	14 29 17.7	-0.6
BOD	Bodaibo 65.55 11	eP	P	14 29 16.0	-2.1
BOD		e	pP	14 29 22.7	-2.2
TBKS	Tabuk 66.44 304	P	P	14 29 24.6	+0.3
DBAS	Duba 66.55 303	P	P	14 29 24.8	-0.2
T12	Plekhanov 66.57 321	i/P	P	14 29 24.4	-0.5
T12		i	S	14 38 15.4	+2.3
T12	comp=N,1um,20.0s,MS5.1	MLR	MLR		
T12	comp=E,500nm,20.0s,MS5.1	MLR	MLR		
T12	comp=Z,1um,20.0s,MS5.0	MLR	MLR		
LSZ	Lusaka 66.68 256	eP	P	14 29 25.2	-0.8
LSZ	comp=Z,126nm,1.4s,mb5.8	LR	LR		
BEST	Besiri 66.92 316	i/P	P	14 29 26.1	-1.0
QURS	Qurayyat al Mil 67.02 308	P	P	14 29 28.1	+0.2
JMQS	Jabal Moqyreh 67.23 305	P	P	14 29 29.3	0.0
CLNS	Chul'man 67.25 17	eP	P	14 29 28.3	-0.6
CLNS		ePPP	pP	14 29 37.4	+1.6
CLNS		eS	S	14 30 01.1	
CLNS		eS	S	14 38 09.5	-1.2
CLNS		e	S	14 39 22.6	
CLNS	comp=Z,57nm,0.9s,mb5.6	P	P		
CLNS	comp=N,35nm,1.0s	P	P		
CLNS	comp=E,24nm,0.8s	P	P		
CLNS	comp=Z,10.0nm,0.9s,mb4.8	P	P		
CLNS	comp=N,12nm,1.2s	P	P		
CLNS	comp=E,10.0nm,1.2s	P	P		
CLNS	comp=N,165nm,13.5s	smax	P		
CLNS	comp=Z,102nm,13.7s	smax	P		
CLNS	comp=E,144nm,13.3s	smax	P		
CLNS	comp=N,500nm,14.0s,MS4.9	MLR	MLR		
CLNS	comp=E,100nm,14.0				

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pmax, smax, MLR, MFR).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., MFR, MLR, pmax, smax).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., P, Pmax, MFR, MLR).

Table with columns: PTOM, Tomar, 1.12 348 Pg P, 17 54 21.6 +0.1, 17 54 36.4

IDC 07 17:55:59.5,2.4, 7.33S, 128.34E, mb3.7/1, mb1 3.7/3, mb1mx3.5/12, ML3.4/2, Error ellipse: s-maj=266.0km s-min=31.1km az=65.0

NEIC 07 17:56:14.1, 1.3, 7.64S, 128.86E, h145km, mb3.9/2, Error ellipse: s-maj=33.7km s-min=16.6km az=63.0

ISC 07 17:56:16.2, 0.7, 8.50N, 129.0E, 0.1, h192km, mb2.3km, n8, c079/13, mb3.4/1, 2Z, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 07 17:58:40.6, 2.4, 6.48S, 130.29E, mb4.0/1, mb1 3.9/3, mb1mx3.6/12, ML3.6/2, Error ellipse: s-maj=162.0km s-min=30.9km az=70.0, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 07 18:01:24.9, 1.2, 4.82N, 105.61W, mb3.7/2, mb1 3.7/7, mb1mx3.5/23, ML3.5/4, MS2.9/1, Ms1 3.0/1, ms1mx2.2/26, Error ellipse: s-maj=33.9km s-min=7.8km az=148.0

NEIC 07 18:01:24.7, 0.5, 43.80N, 105.34W, mb4.2/1, ML3.4, Error ellipse: s-maj=9.1km s-min=5.7km az=114.0, Suspected Mining explosion.

NEIC 55 km [35 miles] SSE of Gillette. ISC 07 18:01:22.8, 0.5, 43.77N, 105.105W, 0.07, n36, c1937/35, mb3.9/2, MS2.9/2, Wyoming

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 07 18:13:42.1, 1.1, 2.230N, 70.24W, mb3.7/7, mb1 4.0/7, mb1mx3.8/20, MS2.7/1, Ms1 2.7/1, ms1mx2.0/22, Error ellipse: s-maj=31.9km s-min=27.6km az=73.0, Bahama Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

LDG 07 18:23:36.4, 0.6, 16.20S, 166.91E, h107km, Mb5.0/2, Error ellipse: s-maj=81.5km s-min=36.1km az=34.0

HRVD 07 18:23:58.0, 6.5, 15.63S, 167.52E, h186km, 3km, MW5.0/1, Centroid moment Tensor Solution. LP body waves: s13, c16, Mantle waves: s51, c81; Half duration: 0

ISC 07 18:23:57.7, 1.3, 15.58S, 0.05, 167.63E, 0.05, h144km, 1.2km, h181km, 2.2km, p-P, n204, c1903/80, mb1.8/46, 14C-8D, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 07 18:23:58.5, 15.55S, 167.69E, h179km, MB4.9, IDC 07 18:23:58.2, 0.6, 15.61S, 167.69E, h178km, 4km, mb4.4/22, mb1 4.4/22, mb1mx4.4/23, MS3.4/8, Ms1 3.4/8, ms1mx3.3/20, Error ellipse: s-maj=10.3km s-min=8.8km az=84.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 07 18:23:58.5, 15.55S, 167.69E, h179km, MB4.9, IDC 07 18:23:58.2, 0.6, 15.61S, 167.69E, h178km, 4km, mb4.4/22, mb1 4.4/22, mb1mx4.4/23, MS3.4/8, Ms1 3.4/8, ms1mx3.3/20, Error ellipse: s-maj=10.3km s-min=8.8km az=84.0

IDC 07 18:23:58.5, 15.55S, 167.69E, h179km, MB4.9, IDC 07 18:23:58.2, 0.6, 15.61S, 167.69E, h178km, 4km, mb4.4/22, mb1 4.4/22, mb1mx4.4/23, MS3.4/8, Ms1 3.4/8, ms1mx3.3/20, Error ellipse: s-maj=10.3km s-min=8.8km az=84.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Pietraquaria, La Druittiere, Lormes, etc.

DJA 07 18:52:44.1±1.2, 8.66S, -116.06E, h109km, mb3.0/2, mb1 3.5/4, ML3.7/2, 3C-3D, Error ellipse: s-maj=40.0km s-min=19.0km az=161.0, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Kedomdong, Rata, Ingas, etc.

ISC 07 18:54:06.10, 80.88N, 10.9±1.0, h10km, n8, ±1216.0, MS3.0/2, North of Svalbard

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Spitsbergen Ar, Hornsund, Jan Mayen, etc.

TAP 07 19:00:52.5, 24.69N, 122.26E, h2km, mb1, ML2.9 JMA 07 19:00:50.0±0.8, 24.09N, 122.29E, ML2.6, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Yoju, Yoju, Yoju, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Yoj, Irif, Irif, etc.

IDD 07 19:09:10.1±0.6, 5.62S, 105.32E, mb4.1/15, mb1 4.2/15, mb1mx4.1/20, MS3.7/4, Ms1 3.6/4, ms1mx3.3/15, Error ellipse: s-maj=41.2km s-min=13.7km az=47.0

NEIC 07 19:09:16.3±7.1, 5.67S, 105.36E, h44km, mb4km, mb4.3/3, Error ellipse: s-maj=37.4km s-min=10.3km az=57.0

ISC 07 19:09:13.7±0.5, 5.65±0.2, 105.4E±0.2, h33km, n23, ±193.1/19, mb4.1/19, MS3.6/4, Sunda Strait

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Fitz, Fitz, CMAR, WRA, WRA, etc.

ISC 07 19:11:02.5±0.8, 5.38S, 105.45E, mb3.9/10, mb1 4.1/10, mb1mx3.9/17, Error ellipse: s-maj=60.1km s-min=16.9km az=44.0

ISC 07 19:11:06.1±0.8, 5.25±0.4, 105.7E±0.4, h33km, n13, ±072.1/10, mb3.9/10, Sunda Strait

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like WRA, ASAR, STKA, etc.

ISC 07 19:49:33.9±2.4, 7.54N, 127.50E, mb3.4/3, mb1 3.6/3, mb1mx3.4/18, Error ellipse: s-maj=206.0km s-min=30.6km az=67.0

ISC 07 19:49:35.9±1.1, 7.21N, 127.27E±0.07, h10km, n11, ±148.1/16, mb3.2/3, 2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like KEDI, MATI, MATI, etc.

TAP 07 20:13:31.4, 25.02N, 122.62E, h128km, mb1, ML2.8 JMA 07 20:13:32.0±0.4, 24.99N, 122.65E, h122km, M1.6, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like Yoju, Yoju, Yoju, etc.

ISC 07 20:33:43.6±1.7, 23.05S, 174.31W, mb4.2/6, mb1 4.4/7, mb1mx4.1/18, ML4.6/1, Error ellipse: s-maj=95.8km s-min=31.0km az=164.0

NEIC 07 20:33:53.0±4.2, 23.91S, 173.76W, h111km, 40km, mb4.4/6, Error ellipse: s-maj=33.5km s-min=23.5km az=186.0

ISC 07 20:33:54.4±4.5, 23.95±0.2, 173.7W±0.1, h145km, 49km, n17, ±0.96/16, mb4.1/11, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like RAR, RAR, RAR, etc.

NEIC 07 20:48:24.4, 38.17N, 172.68E, h32km, MD3.7(A7H), After ATH

ATH 07 20:48:24.4, 38.17N, 172.68E, h32km, 9km, MD3.27, ML2.9

ISC 07 20:48:25.9, 38.33N, 172.76E, h10km, ML3.0

ISC 07 20:48:24.0±0.8, 38.18N±0.05, 172.69E±0.06, h18km, 10km, n19, ±0.67/21, Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like MKIT, NSAL, MPAR, etc.

ISC 07 21:24:49.8, 1.8, 36.52N, 71.23E, mb3.8/4, mb1 3.8/6, mb1mx3.8/20, ML3.3/2, Error ellipse: s-maj=38.9km s-min=28.4km az=50.0

NNC 07 21:25:04.9, 15.0, 37.21N, 69.83E, h108km, 173km, mpv4.0, Error ellipse: s-maj=123.5km s-min=121.6km az=85.0

ISC 07 21:24:58.5±1.4, 36.79N±0.07, h10km, n11, n24, ±135/30, mb3.6/4, 5C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like AML, THN, THN, etc.

ISC 07 21:28:08.1, 1.3, 3.41, 33N, 21.79E, mb3.0/2, mb1 3.5/7, s-min=14.6km az=175.0

NEIC 07 22:08:22.6, 42.32N, 22.21E, h10km, ML3.4

NEIC 07 22:08:22.6, 42.32N, 22.21E, MD3.0(PDG), ML3.5(THE), After THE

BE0 07 22:08:23.8±2.4, 42.49N, 22.08E, h12km, 5km

ISC 07 22:08:26.5±0.1, 42.77N, 21.86E, h4km

NEIC 07 22:08:21.3±0.3, 42.42N±0.22, 21E±0.03, h12km, n70, ±117/17, 15C-13D, Bulgaria

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, h m s, ISC. Includes stations like BARS, BARS, SKO, SKO, etc.

LEON Leon 2.08 104 eP P 23 57 37.7 -0.1
TEL3 Telica 3 2.09 100 eP P 23 57 36.7 -1.3
COPN Copalpete 2.43 108 eP P 23 57 43.4 +0.6

NAO 08 00:03:28.3, 1.8, 71.26N, 7.97W
NEIC 08 00:03:28.2, 71.27N, 7.80W, ML3.4(BER), After BER.
BER 08 00:03:28.3, 1.2, 71.25N, 7.77W, h0km, 28km, MD2.9, ML3.4

ISC 08 00:03:25.0, 8.71, 2N, 0.1, 7.33W, 0.2, h10km, n10,
#057/14, 4D, Jan Mayen Island region

Code Station Name Az AzZ Phase ID Time Res h m s ISC
JNE Jan Mayen East 0.36 240 jP P 00 03 33.4 +0.7
JNE Jan Mayen West 0.38 249 jP P 00 03 33.9 +0.7
JNE Jan Mayen 0.43 245 Pg P 00 03 34.3 +0.3

IDC 08 00:04:16.9, 57.0, 39.47N, 72.71E, mb3.7/5, mb1 3.7/5,
mb1mx3.5/20, Error ellipse: s-maj=1033.0km
s-min=111.0km az=126.0

NMC 08 00:04:23.2, 10.0, 39.44N, 71.40E, mpv3.4, Error ellipse:
s-maj=129.9km s-min=86.2km az=81.0

ISC 08 00:04:17.4, 1.3, 39.39N, 0.1, 72.4E, 0.1, h10km, n14,
#095/16, mb3.5/5, 2C-2D, Kyrgyzstan

Code Station Name Az AzZ Phase ID Time Res h m s ISC
AML Almayusha 2.98 19 P P 00 05 06.4 +0.7
UCH Uchtor 3.33 28 P Pn 00 05 10.6 0.0
EK52 Erkin-Say 3.51 17 P Pn 00 05 14.5 +1.4
AAK Ala-Archaty 3.68 25 P Pn 00 05 15.8 +0.3

MAN 08 00:11:56.1, 17.24N, 122.49E, h29km, mb4.3, ML3.1,
MS2.9, 1D, Luzon

Code Station Name Az AzZ Phase ID Time Res h m s ISC
PALP Palanan 0.19 199 eP P 00 12 04.1 +2.1
CAUP Cauayan 0.70 245 eP P 00 12 11.1 +1.4
CVP Callao Caves 0.79 306 eP P 00 12 11.4 +0.3

IDC 08 00:21:55.6, 0.7, 27.83N, 139.94E, h498km, 20km, mb3.1/6,
mb1 3.2/7, mb1mx2.9/21, Error ellipse: s-maj=59.6km
s-min=14.6km az=78.0

ISC 08 00:21:54.9, 1.0, 27.8N, 0.2, 139.9E, 0.6, h506km, 26km, n8,
#078/9, mb3.4/7, Bonin Islands region

Code Station Name Az AzZ Phase ID Time Res h m s ISC
CBJ1 Chichi jima 2.19 108 P P 00 23 02.9 +0.9
CBJ2 6.2nm, 0.3s, baz=212, slow=17, SNR=13
WRA Warrunganga Arr 47.73 287 P P 00 29 47.3 +0.1

NEIC 08 00:28:22.6, 1.2, 16.82N, 146.63E, h59km, 10km, mb4.4/12,
Error ellipse: s-maj=16.4km s-min=6.4km az=87.0

IDC 08 00:28:23.7, 3.4, 16.81N, 146.56E, h64km, 30km, mb4.0/16,
mb1 4.1/16, mb1mx4.0/23, MS3.5/9, Ms1 3.5/9,
ms1mx3.2/30, Error ellipse: s-maj=21.8km s-min=12.3km
az=91.0

ISC 08 00:28:21.7, 1.2, 16.80N, 0.05, 146.6E, 0.1, h68km, 9km,
n45, #098/41, mb4.2/25, 2C-4D, Mariana Islands

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SARN Sarigan 0.83 263 jP P 00 28 38.9 +0.7
ANAZ Anatahan 0.99 243 jP P 00 28 40.8 +0.5
ANAT Anatahan 1.04 245 jP P 00 28 41.3 +0.5

YSS Yuzh-Sakhalins 30.24 355 eP P 00 34 27.4 -0.8
KAKA Kakadu 32.51 207 eP P 00 34 46.8 -1.6
CTA Charters Tower 36.66 181 eP P 00 35 24.6 +0.8
CTA Charters Tower 36.66 181 P 00 35 24.6 +0.8

IDC 08 00:43:56.9, 1.6, 4.57S, 139.51E, mb3.9/1, mb1 4.1/4,
mb1mx3.9/11, ML3.9/3, Error ellipse: s-maj=52.1km
s-min=30.1km az=84.0

ISC 08 00:44:00.3, 1.6, 4.7S, 0.1, 139.4E, 0.2, h33km, n10,
#124/9, mb3.8/1, 1D, Irian Jaya

Code Station Name Az AzZ Phase ID Time Res h m s ISC
KAKA Kakadu 10.56 220 jP P 00 46 30.7 -1.9
WB2 Warrunganga Arr 15.96 198 eP P 00 47 47.6 +3.5
CTA Charters Tower 16.72 157 P P 00 47 52.6 -1.1

NEIC 08 00:57:21.4, 5.1, 16.21S x 176.73W, h328km, 66km, mb4.0/7,
Error ellipse: s-maj=39.3km s-min=21.1km az=197.0

IDC 08 00:57:27.4, 2.6, 16.51S x 176.69W, h392km, 79km, mb3.9/6,
mb1 4.0/6, mb1mx3.5/18, Error ellipse: s-maj=118.0km
s-min=30.6km az=61.0

ISC 08 00:57:23.6, 2.5, 15.7S, 0.4, 176.6W, 0.2, h398km, 34km,
n20, #061/22, mb4.2/14, 4C-3D, Fiji Islands region

Code Station Name Az AzZ Phase ID Time Res h m s ISC
RAR Rarotonga 16.89 112 P P 01 00 57.2 -0.5
URZ Urewera 23.19 193 P P 01 01 53.1 -5.3
CTA Charters Tower 35.58 257 P P 01 03 46.7 0.0

IDC 08 01:00:57.9, 1.4, 31.18N, 72.76E, mb3.8/7, mb1 4.0/8,
mb1mx3.8/20, ML3.8/1, Error ellipse: s-maj=45.0km
s-min=20.1km az=58.0

NEIC 08 01:00:59.7, 0.8, 31.25N, 72.80E, h10km, mb4.0/2, Error
ellipse: s-maj=21.8km s-min=10.6km az=66.0

BUJ 08 01:01:01.6, 31.71N, 72.76E, h10km, mb3.8, Ms4.0
NDI 08 01:01:00.8, 7.1, 31.66N, 72.48E, h15km, 165km, ML4.1,
mb4.0(NEIC)

NMC 08 01:01:01.4, 3.4, 9.32, 13N, 72.93E, h68km, 38km, Error
ellipse: s-maj=90.4km s-min=45.1km az=74.0

ISC 08 01:01:01.1, 0.6, 31.08N, 0.5, 72.82E, 0.06, h33km, n40,
#0153/46, mb3.8/8, 6C-5D, Pakistan

Code Station Name Az AzZ Phase ID Time Res h m s ISC
SARP Sargodha 0.85 352 jP P 01 01 16.6 0.0
THW Thamee Wali 1.94 322 jP P 01 01 33.5 +1.3
SBPD Sheikh Budin 2.10 306 jP P 01 01 37.1 +2.5

TIR 08 01:14:49.5, 4.1, 14N, 20.20E, h17km, M12.7
PDG 08 01:14:49.7, 0.2, 41.06N, 20.19E, h10km, 1km
IDC 08 01:14:50.3, 2.0, 41.11N, 19.95E, mb3.1/2, mb1 3.3/6,
mb1mx3.2/23, ML3.1/4, Error ellipse: s-maj=25.2km
s-min=18.9km az=110.0

NEIC 08 01:14:51.8, 0.2, 41.15N, 20.16E, h5km, MD3.5(ATH),
MD3.4(PDG), ML3.3(TH), Error ellipse: s-maj=4.4km
s-min=2.9km az=219.0

ATH 08 01:14:52.4, 41.13N, 20.47E, h5km, MD3.5/6
THE 08 01:14:54.3, 41.04N, 20.28E, h10km, ML3.3
ISC 08 01:14:50.0, 4.1, 41.12N, 0.02, 20.12E, 0.02, h6km, 3km,
n75, #193/114, mb3.2/1, 12C-4D, Albania

Code Station Name Az AzZ Phase ID Time Res h m s ISC
QSH Qafa e Shtames 0.44 338 jP P 01 15 00.0 +0.3
QSH Qafa e Shtames 0.44 338 jP P 01 15 06.8 +1.3
OHR Ohrid 0.51 90 jP P 01 14 59.4 -1.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Bratogost, Thessaloniki, Bari-Castellan, etc.

PDG 08 01:22:55.0, 0.1, 41.10N:20.22E, h10km, 1km
TIR 08 01:22:56.3, 4.1, 18N:19.97E, h24km, M12.3
NEIC 08 01:22:56.2, 0.4, 4.1, 19N:20.29E, h5km, MD3.2(ATH), MD2.8(PDG), MD2.6(TH), Error ellipse: s-maj=8.0km s-min=3.9km az=54.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tirane, Ohrid, Gafa e Shtames, etc.

ISK 08 02:08:33.8, 36.94N:27.67E, h3km, MD3.2
ATH 08 02:08:35.2, 36.90N:27.69E, h10km, MD2.8/3
ISC 08 02:08:34.2, 0.8, 36.89N:0.04:27.68E:0.04, h4km, 6km, n15, a090/22, C, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AYDN, SMZ, DMLG, etc.

DJA 08 02:22:31.7, 1.0, 6.57S: 113.41E, h160km, MD4.8/3, ML4.6/3, Error ellipse: s-maj=43.8km s-min=24.6km az=36.0

ISC 08 02:22:37.3, 7.2, 6.44S: 113.41E, h64km, 66km, mb3.6/7, mb1.3/9.8, mb1mx3.7/15, ML3.6/1, Error ellipse: s-maj=49.9km s-min=16.1km az=62.0

NEIC 08 02:22:37.1, 3.4, 6.50S: 113.35E, h63km, 32km, mb4.0/1, Error ellipse: s-maj=26.4km s-min=10.1km az=60.0

ISC 08 02:22:32.7, 1.9, 6.45S: 113.5E:0.2, h36km, 17km, n15, a107/17, mb3.9/7, 5C-3D, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KELI, RATI, RATA, etc.

TIR 08 02:33:15.6, 4.1, 02N:19.88E, h25km, M12.6
PDG 08 02:33:16.8, 0.3, 4.1, 11N:20.14E, h10km, 1km
ATH 08 02:33:17.5, 4.1, 17N:20.29E, h5km, MD3.4/5

NEIC 08 02:33:18.0, 2.0, 4.1, 24N:20.25E, h5km, MD3.4(ATH), MD3.2(PDG), ML3.2(TH), Error ellipse: s-maj=7.0km s-min=4.1km az=25.0

THE 08 02:33:18.4, 1.1, 12N:20.37E, h10km, ML3.2
ISC 08 02:33:19.0, 0.3, 4.1, 17N:0.02:20.19E:0.02, h5km, n42, a146/74, 4C-10D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR, Ohrid, Gafa e Shtames, etc.

SKO comp=Z:0.1nm, 0.5s
PYY comp=Z:0.1nm, 0.5s
PVV comp=Z:0.1nm, 0.5s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR, Ohrid, Gafa e Shtames, etc.

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

IDC 08 02:37:41.2, 12.0, 14.09S: 168.65E, mb3.8/5, mb1.3/9.5, mb1mx3.7/16, Error ellipse: s-maj=206.0km s-min=112.2km az=64.0

ISC 08 02:38:11.3, 5.0, 15.2S: 0.2:167.1E:0.6, h150km, n6, a109/77, mb3.6/4, Vanuatu Islands

IDC 08 02:48:06.7, 27.0, 15.95S: 173.18W, mb4.0/4, mb1.4/2.4, mb1mx3.8/18, Error ellipse: s-maj=540.0km s-min=158.7km az=86.0, Tonga Islands

IDC 08 03:15:15.3, 1.1, 36.21S: 99.51W, mb4.3/8, mb1.4/5.8, mb1mx4.3/16, MS4.0/10, Ms1.4/2.0, ms1mx3.8/22, Error ellipse: s-maj=30.8km s-min=22.1km az=36.0

NEIC 08 03:15:17.2, 0.6, 36.16S: 99.46W, h10km, mb4.5/3, Error ellipse: s-maj=17.6km s-min=14.5km az=48.0

ISC 08 03:15:15.8, 0.8, 36.2S: 0.1, 99.5W:0.2, h10km, n21, a088/13, mb4.1/11, MS4.0/10, Southeast of Easter Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA, Ushuaia, etc.

CPUP comp=Z:101nm, 18.6s, MS3.8: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

TBI comp=Z:177nm, 21.0s, MS3.9: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

ROSC e1 Rosal comp=Z:202nm, 18.3s, MS4.1: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

PPT Papeete 149nm, 23.5s, 47.84 279 eE

BDFB Brasilha 49.95 80 P 03 24 11.1 -0.9

BDFB comp=Z:137nm, 21.0s, MS3.9: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

QSPA comp=Z:137nm, 21.0s, MS3.9: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

VNDA Vanda 56.86 195 LR 03 25 21.1

TXAR comp=Z:120nm, 20.0s, MS4.0: 87.07E, h10km, 10km, 1.0s, mb4.4, baz=271, slow=1.1, SNR=10

MAW Mawson 75.70 173 P 03 27 01.8 -0.7

NVAR Mina Array Bea 76.23 345 P 03 27 06.5 +0.4

PDAR Pinedale Array 79.08 352 P 03 27 21.8 0.0

HLID Halley 80.50 349 eP 03 27 29.9 +0.6

STKA Stephens Creek 91.41 228 LR 03 29 37.6

SCHO Schefferville 94.86 18 LR 04 06 07.7

GERES Geres Array B 130.63 53 PKP PKPpdf 03 34 26.7 -3.2

IDC 08 03:24:38.1, 0.8, 58.35N: 31.75W, mb3.9/15, mb1.4/1.1/7, mb1mx4.0/24, ML3.1/2, MS3.5/14, Ms1.3/6/14, ms1mx3.3/29, Error ellipse: s-maj=23.6km s-min=12.8km az=0.0

ZUR_RM 08 03:24:39.5, 40N: 31.82W, h6km, Mw4.6/10, Moment Tensor Solution, s10 Moment tensor: Scale 1015Nm; M1=-5.7; M2=1.35; M3=4.02; M4=7.9; M5=1.49; M6=3.43; Best double couple: M7=66x1015 NP1=a226; delta70; lambda78; NP2=a14; delta23; lambda120; Principal axes: T.7.03, Plg24, Azm306; N.1.307, Plg111, Azm41; P.-8.338, Plg63; Azm154;

NEIC 08 03:24:39.8, 0.4, 58.40N: 31.82W, h10km, mb4.6/15 Error ellipse: s-maj=15.5km s-min=6.4km az=15.0

ISC 08 03:24:38.2, 0.4, 58.4N: 0.1: 31.83W: 0.09, h10km, n50, a1905/45, mb4.1/30, MS3.5/12, Reykjanes Ridge

Table with columns: CMIG, Matias Romero, 3.26, 76, eP, Pn, 05 42 22.4 -4.7, 05 42 58.9 -7.8

MDD 08 06:20:57.4, 2.1, 36.63N, 9.69W, mb3.5/6, Error ellipse: s-maj=19.3km s-min=13.6km az=95.0, PRXIMO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PTEO, Sao Teotonio, 1.15, 39, eP, S, 06 21 20.2 +1.6

IDC 08 06:23:34.6, 2.0, 43.52N, 126.88W, mb3.2/4, mb1 3.7/9, mb1mx3.5/24, ML3.3/5, MS3.1/5, Ms1 3.1/5, ms1mx2.7/14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KEBM, Edson Butte, 2.09, 106, eP, Pn, 06 24 07.8 -1.4

IDC 08 06:23:36.1, 0.8, 43.49N, 126.99W, h10km, mb3.9/2, Error ellipse: s-maj=10.2km s-min=4.2km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, YBHA, Yreka Blue Hor, 3.66, 117, Pn, Pn, 06 24 31.0 +0.1

Table with columns: TXAR, Lajitas Array, 23.43, 119, P, P, 06 28 45.5 +1.7

NEIC 08 07:00:52.3, 2.7, 20.48S, 177.76W, h522km, 32km, mb4.0/12, Error ellipse: s-maj=18.5km s-min=11.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, URZ, Urewera, 18.27, 193, P, P, 07 04 33.1 -0.5

IDC 08 07:12:47.8, 4.9, 6.15S, 0.2, 147.9E, 0.3, h51km, 31km, n10, 0.88B/10, mb3.9/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PMG, Port Moresby, 3.33, 192, Pn, P, 07 13 38.6 -0.2

IDC 08 07:18:05.2, 1.6, 8.81S, 122.33E, mb3.6/2, mb1 4.3/5, mb1mx4.0/13, ML4.3/3, Error ellipse: s-maj=158.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, NINI, Niconicang, 5.60, 334, Op, P, 07 19 38.8 +2.2

Table with columns: KAKA, Warramunga Arr, 15.66, 133, eS, S, 07 22 29.4 -1.0

NIED 08 07:41:00.33, 30N, 137.00E, h400km, Mw4.6 Best double couple: Ms9.92x10^15 N1p1q163, s80, lambda1. NP2p61, 340, lambda165

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TK01, Tokai 1, 0.79, 48, P, P, 07 42 01.7 +0.2

IDC 08 07:41:12.5, 0.2, 33.24N, 0.04, 136.89E, 0.03, h385km, 1km, h370km, 2.3km, pP, N189, 0.691/21.5, mb4.473, 30C-15D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TK01, Tokai 1, 0.79, 48, P, P, 07 42 01.7 +0.2

IDC 08 07:12:47.8, 4.9, 6.15S, 0.2, 147.9E, 0.3, h51km, 31km, n10, 0.88B/10, mb3.9/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MDJ, Mudanjiang, 12.70, 336, P, P, 07 44 02.2 -0.6

ATH 08:17:19.2, 37.14N, 28.24E, h20km, MD3.0/3
ISK 08:17:22.7, 36.98N, 27.74E, h5km, MD3.0
ISC 08:17:21.7, 1.0, 36.86N, 0.04, 27.69E, 0.05, h3km, 6km, n13, c0:84/20, 1C, Dodecanese Islands

IDC 08:04:33.3, 4.2, 3.12S, 139.62E, h125km, 40km, mb3.6/5, mb1 3.9/6, mb2mx3.7/11, MS3.0/1, Ms1 3.0/1, ms1mx2.4/2.0, Error ellipse: s-maj=32.1km s-min=13.4km az=107.0
ISC 08:04:28.5, 3.3, 3.15S, 0.1, 139.5E, 0.2, h93km, 31km, n10, c0:92/17, mb3.8/4, 2C, Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cannon Point, South Karori, Quartz Range, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kayabasi, Milas, Yerkesik, etc.

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

NIED 08:00:00, 24.60N, 122.10E, h32km, Mw3.9 Best double couple: Mb5.1x10^14 NP1, 308, d77, lambda=58, NP2, 308, d77, lambda=157

CASC 08:06:26.0, 2.1, 9.14N, 83.84W, h24km, 7km, MD4.1, 6C-6D, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tiarei, Taravou, Armida, etc.

JMA 08:05:54.0, 0.2, 24.58N, 122.09E, h66km, 2km, M3.7 TAP 08:05:56.0, 24.31N, 122.10E, h24km, ML4.2

ILAR 08:05:55.2, 1.1, 24.47N, 122.23E, h54km, 10km, Error ellipse: s-maj=15.8km s-min=10.9km az=216.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Buena Vista, Urasca, Bijagal, etc.

IDC 08:05:56.5, 0.2, 24.52N, 122.35E, h71km, 49km, mb3.3/8, mb1 3.5/9, mb1mx3.3/21, ML3.7/1, MS3.1/1, Ms1 3.3/1, ms1mx2.4/18, Error ellipse: s-maj=43.0km s-min=17.7km az=68.0

ASC 08:05:54.0, 4.8, 24.35N, 109.122E, 0.05, h65km, 6km, n20, c0:84/27, mb3.4/8, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TATO Taipei, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWA0 Naroqin (SRO), MAW Mawson, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, TXAR Lajitas Array, PDAR Pinedale Array, etc.

IDC 08:34:54.5, 1.2, 48.84N, 28.15W, mb3.6/9, mb1 3.9/9, mb1mx3.7/23, MS3.3/12, Ms1 3.3/12, ms1mx3.2/29, Error ellipse: s-maj=41.7km s-min=18.5km az=176.0

IDC 08:05:58:16.2, 2.1, 9.14N, 83.84W, mb4.0/4, mb1 4.3/4, mb1mx4.0/11, MS3.7/4, Ms1 3.6/4, ms1mx3.4/15, Error ellipse: s-maj=118.0km s-min=24.3km az=100.0, Southeast Indian Ridge

IDC 08:09:03:41.8, 6.8, 25.31N, 109.47W, mb1 3.5/3, mb1mx3.3/19, ML3.7/2, Error ellipse: s-maj=81.5km s-min=29.0km az=173.0, Gulf of California

NEIC 08:34:56.0, 1.0, 48.84N, 28.17W, h10km, mb4.3/5, Error ellipse: s-maj=19.8km s-min=5.7km az=183.0

IDC 08:34:54.0, 1.0, 48.9N, 0.3, 28.14W, 0.10, h40km, n31, c0:52/20, mb3.8/13, MS3.3/11, Northern Mid-Atlantic Ridge

BUI 08:09:20:22.6, 0.2, 0.07S, 178.24W, h66km, mb5.0, mb5.0 MOS 08:09:20:23.0, 0.2, 0.09S, 178.83W, h61km, mb5.2/13, Error ellipse: s-maj=15.2km s-min=13.3km az=125.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sonseca Array, TCF Toulx Ste Croi, BAIF Baives, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUN1 Buntu Taipa, NIN1 Ninioang, TANI Tanete Lijupjan, etc.

Table of seismic data for stations 191-345. Columns include station name, time, magnitude, depth, and other parameters. Includes stations like SEY, VOSK, BVAV, BVAR, BRVK, etc.

Table of seismic data for stations 346-645. Columns include station name, time, magnitude, depth, and other parameters. Includes stations like Error ellipse, BUJ, NEIC, MOS, etc.

Table of seismic data for stations 646-945. Columns include station name, time, magnitude, depth, and other parameters. Includes stations like SSSA, ARCES, ARKAS, etc.

IDC 08 11:15:55.0, 0.7, 51.68N-166.44W, mb4.3/19m, mb1 4.2/21, mb1mx4.4/24, ML3.3/42, MS3.1/1, Ms1 3.2/1, ms1mx2.1/34,

ISK 08 11:24:35.2, 36.88N-27.72E, h5km, MD3.3
NEIC 08 11:24:40.0, 36.84N-27.53E, h5km, MD3.2(ATH), After

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MSLB Milas, YER Yerkesik, NISR Nisros, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SNY, ARMA Armadale, SHJ Shilling, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SNAA Snae, VNA2 Neumayer-Watz, TXAR Lajitas Array, etc.

BUI 08 11:45:07.8, 1.65N, 126.80E, h52km, mb4.9, mb4.9, Ms4.3, Ms2.4

MOS 08 11:45:09.8, 1.3, 2.25N, 126.72E, h33km, mb4.8/16, Error ellipse: s-maj=21.6km s-min=10.8km az=108.2

NEIC 08 11:45:10.9, 3.6, 2.24N, 126.78E, h30km, mb4.7/19, Error ellipse: s-maj=12.3km s-min=5.8km az=79.0

IDC 08 11:45:13.8, 2.4, 2.20N, 126.89E, h56km, mb4.3/23, mb1.4/23, mb1mx4.3/25, MS3.6/6, Ms1.3/7.6, ms1mx3.2/22, Error ellipse: s-maj=21.0km s-min=8.9km az=74.0

MAN 08 11:45:41.6, 4.35N, 125.90E, h180km, Error ellipse: s-maj=21.0km s-min=8.9km az=74.0

ISC 08 11:45:12.1, 0.9, 2.18N, 126.04E, h126.7E, 0.07, h56km, 8km, n110, 110, mb4.8/54, MS3.7/8, 4C-4D, Northern

Main table of station data for the left column, including stations like General Santos, Mati, Kidapawan, Musidan, Pagadian, etc.

Main table of station data for the middle column, including stations like Pulchoki, Kakan, KLR, DMN, GKN, KOLN, etc.

NEIC 08 12:15:29.6, 17.17N, 96.89W, h70km, MD3.9(MEX), After MEX

MEX 08 12:15:29.8, 0.6, 17.17N, 96.86W, h70km, 5km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like OXX Oaxaca, PNGX Pinotepa, PNIG Pinotepa, etc.

MOS 08 12:17:46.5, 0.9, 5.45S, 102.53E, h33km, mb4.5/11, Error ellipse: s-maj=28.2km s-min=12.6km az=107.6

BUI 08 12:17:47.7, 5.43S, 102.74E, h41km, mb4.7, mb4.8, Ms4.1, IDC 08 12:17:50.6, 0.9, 5.50S, 102.66E, h50km, mb4.3/13, mb1.4/13, mb1mx4.2/17, MS3.4/3, Ms1.3/5.3, ms1mx2.9/27, Error ellipse: s-maj=32.4km s-min=10.7km az=48.0

NEIC 08 12:17:50.9, 0.7, 5.60S, 102.73E, mb4.5/10, Error ellipse: s-maj=21.4km s-min=8.6km az=47.0

DJA 08 12:18:47.9, 32.0, 7.79S, 106.71E, h320km, mb5.0/4, Error ellipse: s-maj=940.8km s-min=46.5km az=79.0

ISC 08 12:17:49.2, 0.5, 4.56S, 108.102, 71E, 0.08, h54km, h54km, 2.9km, pP, n85, 119, 83, mb4.6/34, MS3.8/5, 6C-1D, Southern Sumatra

Main table of station data for the right column, including stations like KGM Kluang, IPM Ipoh, KELI Kelakatan, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Changchun, Songming, Sonm, etc.

IDC 08 12:38:40.8-0.8, 16.40S-174.97E, mb4.3/10, mb1 4.5/10, mb1mx4.4/16, MS4.1/18, MS1 4.1/18, ms1mx4.0/24, Error ellipse: s-maj=34.2km s-min=18.3km az=146.0

NEIC 08 12:38:42.5-0.6, 16.58S-175.13E, h10km, mb4.6/5, Error ellipse: s-maj=24.2km s-min=14.5km az=145.0

ISC 08 12:38:44.5-0.5, 16.65S-175.10E, h10km, mb4.6/5, n34, e1931/21, mb4.3/13, MS4.1/18, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like URZ, RAR, ARMA, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ASAR, ASAR, ASPA, etc.

NEIC 08 12:42:30.0, 32.47N-35.26E, h10km, ML4.0(GII), ML3.8(NIC), After GII.

NEIC 08 12:42:30.0, 32.47N-35.26E, h10km, ML4.0(GII), ML3.8(NIC), After GII.

GRAL 08 12:42:31.3, 1.5, 32.44N-35.19E, h20km, 15km, MD3.8

NSCC 08 12:42:33.6, 32.59N-35.40E, h13km, 2km

SN5N 08 12:42:50.0, 31.14N-36.33E, h10km, M13.7

ISC 08 12:42:29.0-0.4, 32.50N-35.20E, 0.03, h11km, 3km, n93, e1508/118, mb4.5/1, 2C-15D, Dead Sea region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MMLI, MMLI, OFRI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ALFC, ALFC, HAOS, etc.

IDC 08 12:45:43.5-0.5, 19.96N-95.64E, mb4.6/20, mb1 4.8/21, mb1mx4.7/23, ML4.3/1, MS3.6/4, Ms1 3.6/4, ms1mx3.0/31, Error ellipse: s-maj=21.4km s-min=9.9km az=43.0

MOS 08 12:45:46.8-0.9, 20.00N-95.67E, h33km, mb5.2/23, Error ellipse: s-maj=17.3km s-min=6.6km az=122.5

NEIC 08 12:45:49.1, 19.80N-95.65E, h66km, mb4.7, mb4.8, ML5.3, 14C-6, Ms24.6

ISC 08 12:45:45.4-1.0, 19.86N-104.95E, h60E, 0.03, h25km, 7km, h35km, 4km, pP-P, n223, e099/236, mb4.7/88, MS3.9/8, 14C-7D, Myanmar

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CHG, CHG, CMAR, etc.

Table with columns: CPU, Station Name, Frequency, Power, and other technical details for various stations.

IDC 08 12:52:20.8,3.0,5.24S:151.49E,h50km,25km,mb4.1/8, mb1.4/4.10,mb1mx4.2/15,ML3.6/2,MS3.6/2,Ms1.3/6.2, ms1mx3.1/19, Error ellipse: s-maj=33.7km s-min=19.2km az=123.0

NEIC 08 12:52:24.7,2.2,5.24S:151.31E,h83km,18km,mb4.3/3, Error ellipse: s-maj=18.3km s-min=15.0km az=115.0

ISC 08 12:52:23.3,4.5,3.50,0.2,151.3E,0.2,h84km,29km,n22, c#564.20,mb4.2/8,1,C,New Britain region

Main table for the first section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

WEL 08 13:02:47.5,0.3,35.10Sx178.55E,h33km,ML3.5/1, Error ellipse: s-maj=5.6km s-min=2.3km az=90.0, Off east coast of North Island

Table for the WEL section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

NIED 08 13:12:20.24,70N,121.90E,h74km,Mw4.3. Best double couple: Ms3.75x1015 Np1.347x1017, s84°, λ16°.

TAP 08 13:12:26.2,24.67N,121.82E,h81km,1km,ML5.0 TAP Felt III J at Suao, II J at Ilan, II J at Neicheng, III J at Nioudou, II J at Nanau, I J at Santiao Chiao, II, II J at Sangui, I J at Taipei, II J at Nanshan, I J at Jungli (National Central University), I J at Hualien, II J at Hehuanshan, I J at Nanjiang, I J at Shilin, I J at Sanyi, I J at Ruyetan, I J at Mingjian, I J at Alishan, I J at Tsauling, I J at Gukeng, I J at Dacheng, II J at Szuu, II J at Anpu.

NEIC 08 13:12:26.2,0.7,24.67N,121.94E,h80km,6km,mb3.8/1, Error ellipse: s-maj=11.0km s-min=8.1km az=48.0

NEIC Felt at Taipei. Recorded [3 TAP] in Ilan; [2 TAP] in Hualien, Nan-tou and Tao-yuan; [1 TAP] in Chang-hua, Miao-li, Tai-pai and Yun-lin Counties.

JMA 08 13:12:26.6,0.3,24.66N,121.89E,h75km,ML4.3 IDC 08 13:12:27.3,0.8,24.71N,122.01E,h91km,7km,mb3.6/16, mb1.3/17,mb1mx3.7/24, Error ellipse: s-maj=14.6km s-min=12.2km az=54.0

BJI 08 13:12:28.0,24.81N,121.62E,h80km,mb4.3,mb4.1, Ms3.7,Ms3.7

ISC 08 13:12:25.4,0.2,24.71N,121.85E,0.02,h86km,12km, h89km,3.3km,pP,21,07,0.19,0.167,mb3.8/18,16C-21D,

Main table for the second section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

Table with columns: NSY, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

NSY 13:13:00.4 -0.2 13 13 00.4 -0.2

NSY 13:13:00.4 -0.2 13 13 00.4 -0.2

NSY 13:13:00.4 -0.2 13 13 00.4 -0.2

Main table for the third section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

IDC 08 13:22:15.7,0.8,19.99N,95.68E,mb4.1/10,mb1.4/2/11, mb1mx4.0/18,ML3.7/1, Error ellipse: s-maj=51.3km s-min=11.9km az=42.0

NEIC 08 13:22:17.3,0.6,20.00N,95.73E,h10km,mb4.4/2, Error ellipse: s-maj=39.8km s-min=8.7km az=48.0

ISC 08 13:22:15.2,0.6,20.03N,0.09,95.80E,0.06,h10km,n18, c#1508/24,mb4.1/11,1C,Myanmar

Main table for the fourth section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

IDC 08 13:26:29.3,3.5,9.18N-91.84E,mb3.7/4,mb1.3/9/4, mb1mx3.6/16, Error ellipse: s-maj=207.0km s-min=24.6km az=56.0, Nicobar Islands region

Table for the IDC section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

NEIC 08 13:44:41.2,33.02S:73.16W,h26km,ML3.3(GUC), After GUC

GUC 08 13:44:41.2,1.0,33.02S:73.16W,h26km,8km,MD3.6, ML3.3,2C-2D, Off coast of central Chile

Main table for the fifth section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

Table with columns: KAF, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

comp=Z,1.9nm,1.0s,mb3.9,baz=59,slow=7.1,SNR=4.4

comp=Z,0.5nm,0.4s,mb3.7

comp=Z,0.7nm,0.6s,mb3.6,baz=135,slow=8.2,SNR=3.5

comp=Z,0.6nm,0.6s,mb3.5,baz=58,slow=5.3

comp=Z,0.6nm,0.7s,mb3.5,baz=58,slow=5.8,SNR=5.2

comp=Z,0.5nm,0.5s,mb3.6,baz=310,slow=5.0,SNR=10

comp=Z,0.6nm,0.9s,mb4.0,baz=270,slow=4.4,SNR=4.4

STR 08 13:22:04.8,0.2,44.41N:6.79E,h5km,1km,ML2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 13:22:04.7,0.1,44.42N:6.77E,h2km,MD2.2/2,ML2.3/9, Error ellipse: s-maj=1.8km s-min=1.1km az=64.0

ISC 08 13:22:03.7,0.3,44.41N:0.02x6.72E,0.03,h5km,n19, c#090/35, France

Main table for the sixth section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

IDC 08 13:22:15.7,0.8,19.99N,95.68E,mb4.1/10,mb1.4/2/11, mb1mx4.0/18,ML3.7/1, Error ellipse: s-maj=51.3km s-min=11.9km az=42.0

NEIC 08 13:22:17.3,0.6,20.00N,95.73E,h10km,mb4.4/2, Error ellipse: s-maj=39.8km s-min=8.7km az=48.0

ISC 08 13:22:15.2,0.6,20.03N,0.09,95.80E,0.06,h10km,n18, c#1508/24,mb4.1/11,1C,Myanmar

Main table for the seventh section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

IDC 08 13:26:29.3,3.5,9.18N-91.84E,mb3.7/4,mb1.3/9/4, mb1mx3.6/16, Error ellipse: s-maj=207.0km s-min=24.6km az=56.0, Nicobar Islands region

Table for the IDC section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

NEIC 08 13:44:41.2,33.02S:73.16W,h26km,ML3.3(GUC), After GUC

GUC 08 13:44:41.2,1.0,33.02S:73.16W,h26km,8km,MD3.6, ML3.3,2C-2D, Off coast of central Chile

Main table for the eighth section with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC, H, M, S, Res, ISC.

8d 14h

FCH	Farellones	2.42	98	iP	Pn	13 45 21.8 +1.7
FCH				iS	Sn	13 45 51.6 +2.4
FCH				AMP		13 45 53.2
comp=N, 134nm, 0.3s						
CMCH	Combarbala	2.59	45	eP	Pn	13 45 23.2 +0.8
CMCH				iS	Sn	13 45 54.1 +0.7
CMCH				AMP		13 45 58.9
comp=E, 188nm, 0.4s						
LMEL	Las Melosas	2.61	109	iP	Pn	13 45 23.8 +1.1
LMEL				iS	Sn	13 45 55.6 +1.8
LMEL				AMP		13 46 00.0
comp=N, 159nm, 0.1s						
CICH	Cipreses	2.63	120	eP	Pn	13 45 23.6 +0.6
CICH				iS	Sn	13 45 55.8 +1.5

NEIC 08 13:48:45.5, 17.27N:94.76W, h125km, MD3.7(MEX), After MEX

MEX 08 13:48:45.9, 0.8, 17.29N:94.78W, h123km, 8km, MD3.7, 1D, Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CMIG	Matias Romero	0.22	208	iP	Pg	13 49 01.7 -1.3	
CMIG				iS	Pg	13 49 13.7 -2.4	
TUIG	Tuzandepetl	0.82	24	iP	Pn	13 49 02.2 +4.5	
TUIG				iS	Pn	13 49 22.5 +0.1	
OXX	Oaxaca	1.87	264	iP	Pn	13 49 17.0 -1.3	
OXX				iS	Pn	13 49 40.0 -2.9	
VHO	Vista Hermosa	1.88	264	iP	Pn	13 49 16.9 -1.6	
VHO				iS	Pn	13 49 41.1 -1.9	
CCIG	Comitan	2.72	111	iP	Pn	13 49 27.9 -1.6	
CCIG				iS	Pn	13 49 59.6 -2.8	
CCIG	Comitan	2.72	111	iP	Pn	13 49 27.9 -1.6	
CCIG				iS	Pn	13 49 59.6 -2.8	

LDG 08 14:01:51.9, 0.0, 44.42N:6.76E, h2km, Md2.0/3, M11.9/8, Error ellipse: s-maj=1.0km s-min=0.7km az=64.0

STR 08 14:01:52.3, 0.2, 44.42N:6.83E, h5km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 08 14:01:50.7, 0.4, 44.41N:0.02-6.73E, h13km, 4km, n16, e070/31, France

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SURF	Saint Ours	0.10	39	Pg	Pg	14 01 54.0 +0.3	
SURF				Sg	Pg	14 01 55.5 -0.1	
MBDF	Montbardon	0.32	5	eP	Pg	14 01 58.0 +0.5	
MBDF				eSg	Pg	14 02 02.4 +0.3	
14nm, 0.2s							
AUTN	L'Aution	0.65	129	Pg	Pg	14 02 04.2 +0.4	
AUTN				Sg	Pg	14 02 12.2 -0.4	
CALN	Calern	0.66	170	Pg	Pg	14 02 05.1 +1.0	
AURF	Auriere	0.67	140	Pg	Pg	14 02 04.8 +0.5	
AURF				Sg	Pg	14 02 13.0 -0.4	
SAOF	Saorge	0.73	125	Pg	Pg	14 02 05.3 -0.1	
SAOF				Sg	Pg	14 02 15.1 -0.1	
SBF	Sospel	0.74	137	eP	Pg	14 02 05.1 -0.6	
SBF				eSg	Pg	14 02 15.4 +0.3	
7.1nm, 0.2s							
ORIF	Oris-en-Rattie	0.79	311	eP	Pg	14 02 07.0 +0.3	
ORIF				eSg	Pg	14 02 18.3 +0.9	
1.6nm, 0.2s							
FRF	La Foret Royal	0.85	184	eP	Pg	14 02 08.1 +0.4	
FRF				eSg	Pg	14 02 19.5 +0.4	
2.8nm, 0.2s							
SMRF	Simiane la Rot	0.93	243	eP	Pn	14 02 10.9 +1.5	
SMRF				eSg	Pn	14 02 22.2 +0.2	
5.6nm, 0.3s							
LMR	La Moure	1.08	188	eP	Pg	14 02 12.6 +0.2	
LMR				eSg	Pg	14 02 27.2 +0.3	
6.6nm, 0.3s							
LPG	La Plagne	1.09	1	eP	Pn	14 02 12.3 -0.3	
LPG				eSn	Pn	14 02 27.1 +0.4	
1.4nm, 0.2s							
LPL	La Plagne	1.11	0	eP	Pg	14 02 12.8 -0.2	
LPL				eSg	Pn	14 02 27.1 -0.8	
3.4nm, 0.4s							
VIVF	Saint-Julien-I	1.54	288	ePn	Pn	14 02 18.7 +0.7	
VIVF				eP	Pn	14 02 20.6 -0.8	
VIVF				eSg	Pn	14 02 40.5 -1.4	
1.1nm, 0.3s							
LASF	Ste Croix	2.09	262	eSg	Sg	14 02 58.6 -1.7	
LASF	0.8nm, 0.2s						
PGF	Pioggiola	2.48	138	ePn	Pn	14 02 31.6 0.0	
PGF				eSn	Pn	14 03 00.6 -1.5	

DJA 08 14:39:23.5, 1.0, 8.92S:116.73E, h15km, MD5.0/4, ML4.8/2, 2C-5D, Error ellipse: s-maj=23.2km s-min=20.9km az=170.0, Sumbawa region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KEDI	Kedondong	0.75	305	iP	Pn	14 39 37.0 -2.3	
KEDI				iS	Pn	14 39 42.7 -3.1	
RATI	Rata	1.20	279	iP	Pn	14 39 47.2 -3.1	
RATI				iS	Pn	14 39 57.2 -4.6	
INGI	Ingas	1.57	274	iP	Pn	14 39 48.4 -2.7	
INGI				iS	Pn	14 40 07.2 -4.0	
INGI	Kelakatan	2.32	287	iP	Pn	14 40 00.2 -1.6	

BUI 08 14:45:29.3, 6.97S:130.44E, h112km, mB4.8, mb5.2
MOS 08 14:45:35.6, 1.2, 6.46S:130.00E, h122km, mb4.6/10, Error ellipse: s-maj=19.9km s-min=9.8km az=114.1

HRVD 08 14:45:36.4, 0.7, 6.46S:129.96E, h125km, 4km, MW4.9/35, Centroid moment Tensor Solution. LP body waves: s13,c13; Mantle waves: s35,c50; Half duration: 0 Moment tensor: Scale 10¹⁹Nm; Mrr:0.64z-13; Mzz:2.22z-12; Mxx:1.58z-14; Myy:0.20z-12; Mxy:0.57z-11; Best double couple: M2:4x10¹⁸ Np1:17, 373°, 1.71°; NP2x:209°, 362°, 1.18°; Principal axes: T:2, 266°, 1.71°; Azm:74°, N:52, Plg71°, Azm234°, P:2.66, Plg6°, Azm342°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 08 14:45:36.4, 1.2, 6.44S:130.01E, h112km, 12km, mb4.9/20 Error ellipse: s-maj=11.5km s-min=6.2km az=74.0

SYO 08 14:45:36.3, 6.44S:130.01E, h113km, MB4.9

IDC 08 14:45:38.8, 3.6, 6.40S:130.05E, h131km, 3km, mb4.4/12, mb1 4.5/15, mb1mx4.4/18, MS3.6/7, Ms1 3.6/7, ms1mx3.3/21, Error ellipse: s-maj=22.7km s-min=10.2km az=72.0

ISC 08 14:45:35.7, 0.7, 6.47S:0.03, 130.21E, 0.06, h128km, 7km, h125km, 3.2km, pP-N, A143, s1f05/146, mb5.0/54, 10C-15D, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAKA	Kakadu	6.55	161	iP	P	14 47 12.2 +1.4	
KAKA				eS	P	14 48 23.2 -1.4	
FITZ	Fitzroy Crossi	12.39	201	eP	P	14 48 25.9 -2.7	
FITZ				eS	P	14 50 35.0 -9.3	
FITZ	Fitzroy Crossi	12.39	201	iP	P	14 48 27.2 -1.4	
FITZ				S	P	14 50 33.7 -1.1	
FITZ				LR	LR	14 54 08.0	
MATI	Mati	13.90	343	eP	P	14 48 49.3 +1.0	
WRA	Warramunga Arr	13.98	164	P	P	14 48 48.2 -1.0	
WRA				S	P	14 51 17.8 -3.7	
WRA				S	P	14 48 48.2 -1.0	
WRA				S	P	14 51 17.8 -3.7	
comp=Z, 21nm, 0.3s							
WRA				smax			
comp=Z, 29nm, 0.3s							
WB2	Warramunga Arr	13.98	164	iP	P	14 48 47.0 -2.3	
WB2				eS	P	14 51 17.6 -4.0	
BAGP	Musuan	15.15	340	eP	P	14 49 04.5 +0.3	
PUKZ	Pagadian	15.77	334	eP	P	14 49 11.8 -0.2	
BUTP	Butuan	16.01	343	eP	P	14 49 15.9 +1.0	

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IPIL	Ipil	16.09	332	eP	P	14 49 16.9 +1.0
SCPH	Surigao	16.82	344	eP	P	14 49 25.1 +0.2
PMG	Port Moresby	17.04	101	P	P	14 49 31.6 +4.0
comp=Z, 5.2nm, 0.3s, baz=272, slow=3.2, SNR=53						
PMG				S	P	14 52 30.2 -1.0
PMG	Port Moresby	17.04	101	P	P	14 49 31.6 +4.0
PMG				S	P	14 52 30.2 -1.1
comp=Z, 8.0nm, 0.3s						
PMG				smax		
comp=Z, 5.0nm, 0.3s						
MSLP	Maasin	17.34	342	eP	P	14 49 31.9 +0.5
ASAR	Alice Springs	17.46	169	eP	P	14 49 33.9 +1.1
comp=Z, 7.0nm, 0.3s, baz=341, slow=8.3, SNR=324						
ASAR				S	P	14 52 41.5 +0.8
comp=Z, 8.3nm, 0.3s, baz=346, slow=27, SNR=51.5						
ASAR				LR	LR	14 57 19.6
comp=Z, 104nm, 18.7s, baz=141, slow=40						
ASPA	Alice Springs	17.46	169	eP	P	14 49 32.3 -0.5
ASPA				eS	P	14 52 40.6 -0.1
OCLP	Ormoc	18.28	342	eP	P	14 49 43.5 +1.3
BESP	Borongan	18.57	345	eP	P	14 49 42.5 -0.2
GUIM	Jordan	18.60	336	eP	P	14 49 45.3 -0.5
KKM	Kota Kinabalu	18.70	311	iP	P	14 49 46.3 -0.5
comp=Z, 118nm, 0.8s						
CUYO	Cuyo Island	19.49	332	eP	P	14 49 56.0 +0.8
OTRP	Odiongan	20.41	336	eP	P	14 50 04.8 +0.2
CTA	Charters Tower	20.63	133	iP	P	14 50 10.4 +3.6
CTA	Charters Tower	20.63	133	P	P	14 50 10.4 +3.6
comp=Z, 26nm, 0.8s, baz=311, slow=12, SNR=38						
CTA	Charters Tower	20.63	133	P	P	14 50 10.4 +3.6
CTA				smax	smax	
CTAO	Charters Tower	20.63	133	eP	P	14 50 10.1 +3.2
CTAO				eS	P	14 53 53.5 +8.4
PVCP	Virac	20.82	343	eS	P	14 50 10.3 +1.5
SJMP	San Jose	20.87	334	eP	P	14 50 10.3 +1.5
BUSP	Coron	20.88	331	eP	P	14 50 07.4 -1.9
AUQP	San Andres	21.04	339	eP	P	14 50 13.8 +2.8
LQP	Lukban	22.19	337	iP	P	14 50 23.9 +1.7
LUPB	Lubang	22.36	334	eP	P	14 50 25.9 +1.8
TCY	Tagaytay City	22.42	336	iP	P	14 50 29.9 +1.5
TGY	Tagaytay City	22.42	336	P	P	14 50 25.9 +1.5
comp=Z, 1.1m, 0.7s, baz=211, slow=5.9, SNR=49						
POLP	Polo Island	22.60	339	eP	P	14 50 26.6 +0.2
BALP	Baier	23.67	339	eP	P	14 50 36.1 -0.6
FORT	Forest	24.26	185	eP	P	14 50 43.8 +1.6
comp=Z, 109nm, 0.7s, mb5.3						
FORT				eS	P	14 50 55.8
FORT				eS	P	14 55 12.1 +2.3
SCZP	Santa Cruz	24.34	335	eP	P	14 50 39.5 -3.6
PALP	Palanan	24.62	342	eP	P	14 50 44.2 -1.5
CAUP	Cauayan	24.70	340	eP	P	14 50 47.0 +0.5
BOLP	Bolinao	24.89	336	eP	P	14 50 47.1 -1.2
ABRA	Dolores	25.74	339	eP	P	14 50 54.4 -1.8
APYP	Conner	25.75	340	eP	P	14 50 54.2 -2.1
STKA	Stephens Creek	27.42	159	iP	P	14 51 13.1 +1.6
comp=Z, 111nm, 0.7s, mb4.5						
STKA				eS	P	14 56 34.0 +5.3
STKA	Stephens Creek	27.42	159	P	P	14 51 12.7 +1.2
comp=Z, 111nm, 0.7s, mb4.5, baz=337, slow=8.2, SNR=28						
STKA						

Table with columns: MRMAT, ULDT, ULDT, Marmara Adasi, Uludag, Uludag, 2.35, 31, ePN, Pn, 17 10 37.9, 0.0, 17 10 51.5, -4.5, 17 11 27.2, -7.1

ROM 08 17:19:35.5:0.1, 46.30N:13.64E, h10km, MD2.7/3, ML1.9/2, Error ellipse: s-maj=1.2km s-min=1.0km az=90.0, NEIC 08 17:19:36.9:0.6, 46.28N:13.64E, h5km, MD2.7(ROM), ML2.3(VIE), Error ellipse: s-maj=8.7km s-min=5.9km az=212.0

LJU 08 17:19:36.7, 46.31N:13.61E, h7km, ML1.7, ISC 08 17:19:36.6:0.3, 46.32N:13.64E:0.02, h5km, m29, o076/54, 10C-9D, Austria

Main table for the first section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Robic, Drenchia, Lussari, Patocco-Chiusa, etc.

INMG 08 17:41:48.8:0.5, 38.21N:8.02W, h8km, 3km, ML0.7, Error ellipse: s-maj=2.6km s-min=1.6km az=67.0, MDD 08 17:41:49.0:0.4, 38.21N:8.03W, mBLG1.0/5, Error ellipse: s-maj=7.2km s-min=2.3km az=55.0, PRXIMO, Portugal

Table for the second section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Beja, Montemor, El Granado, etc.

NEIC 08 17:52:47.5, 16.06N:97.14W, h10km, MD3.7(MEX), After MEX, MEX 08 17:52:47.6:1.1, 16.04N:97.13W, h11km, MD3.7, Oaxaca

Table for the third section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Hualtulo, Pinotepa, Vista Hermosa, etc.

MDD 08 18:00:25.8:0.4, 43.09N:0.47W, mBLG1.6/2, Error ellipse: s-maj=3.5km s-min=2.0km az=6.0, PRXIMO, STR 08 18:00:25.4:0.2, 43.08N:0.49W, h7km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 08 18:00:25.4:0.1, 43.08N:0.47W, h2km, Md2.1/3, Error ellipse: s-maj=2.4km s-min=1.4km az=176.0, ISC 08 18:00:24.3:1.0, 43.10N:0.05, 0.46W:0.04, h12km, 8km, n11, o041/17, Pyrenees

Table for the fourth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Montagne du Re, Montagne du Re, Etsaut, etc.

Table for the fifth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Les Forges d'A, Larrau, Larrau, etc.

IDC 08 18:01:55.9:1.8, 14.11S:175.66W, mb4.1/4, mb1.4/3/4, mb1mx3.9/15, Error ellipse: s-maj=51.6km s-min=42.7km az=167.0, NEIC 08 18:01:57.3:0.9, 14.14S:175.63W, h10km, mb4.3/1, Error ellipse: s-maj=28.2km s-min=24.2km az=157.0, Samoa Islands region

Table for the sixth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Stephens Creek, Warramunga Arr, ASAR Alice Springs, etc.

PRU 08 18:34:11.8, 51.40N:16.11E, WAR 08 18:34:11.6, 51.45N:16.12E, ML2.7, Mining Induced, NEIC 08 18:34:12.2:1.4, 51.35N:16.07E, h5km, ML2.2(MAR), Error ellipse: s-maj=2.9km s-min=8.9km az=199.0, ISC 08 18:34:08.8:0.5, 51.44N:0.05, 16.12E:0.04, n13, o109/32, Poland

Table for the seventh section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ksiaz, Ksiaz, Dobruska-Polom, etc.

IDC 08 18:47:22.1:1.9, 8.80S:124.70E, mb3.6/1, mb1.3/8/4, mb1mx3.6/12, ML3.5/3, Error ellipse: s-maj=108.0km, s-min=27.6km az=65.0, ISC 08 18:47:37.1:2.1, 9.85S:0.1:124.4E:0.1, h100km, n9, o19/17, mb3.4/1, Timor region

Table for the eighth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kununurra, Fitzroy Crossi, KAKA Kakadu, etc.

IDC 08 18:54:23.3:25.0, 23.38S:171.97W, mb4.3/4, mb1.4/4/4, s-min=148.8km az=77.0, Tonga Islands region, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, ASPA Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr

Table for the ninth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Stephens Creek, Alice Springs, etc.

BUI 08 19:18:59.8, 6.10S:155.59E, h258km, mb4.7, mb4.4, IDC 08 19:18:60.4, 6.37S:155.32E, h246km, 42km, mb3.9/10, mb1.4/0/12, mb1mx3.9/15, Error ellipse: s-maj=27.6km s-min=15.8km az=92.0, NEIC 08 19:19:01.6:1.9, 6.37S:155.22E, h262km, 18km, mb4.2/10, Error ellipse: s-maj=16.1km s-min=8.1km az=100.0, ISC 08 19:18:53.0:2.0, 6.32S:108.155.4E:0.1, h196km, 18km, n33, o099/36, mb4.1/21, 1C-2D, Bougainville - Solomon Islands region

Table for the tenth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Stephens Creek, Alice Springs, etc.

Main table for the right section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Charters Tower, KAKA Kakadu, etc.

NEIC 08 19:30:32.9, 32.46S:71.88W, h35km, ML3.1(GUC), After GUC, GUC 08 19:30:32.9:1.0, 32.46S:71.88W, h35km, 3km, MD3.6, ML3.1, 11C-3D, Near coast of central Chile

Table for the eleventh section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Las Cruces, Jahuel, Colegio Aleman, etc.

IDC 08 19:32:30.4:5.3, 25.00N:141.90E, h104km, 82km, mb2.8/2, mb1.3/1/3, mb1mx2.9/19, ML3.8/1, Error ellipse: s-maj=428.0km s-min=24.5km az=108.0, Volcano Islands region

Table for the twelfth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chichi jima, Tololo Astrono, etc.

IDC 08 19:52:31.6:0.4, 17.86S:69.34W, h137km, 4km, mb3.7/9, mb1.4/0/11, mb1mx3.9/16, MS2.7/1, Ms1 2/71, ms1mx2.4/16, Error ellipse: s-maj=13.9km s-min=9.5km az=96.0, NEIC 08 19:52:31.6:0.4, 17.82S:69.38W, mb4.4/2, Error ellipse: s-maj=13.7km s-min=8.2km az=68.0, NEIC Felt [I] at Tacna, Peru, ISC 08 19:52:30.0:0.6, 17.87S:0.05, 69.42W:0.07, h11km, 5km, h137km, 1.0km, pp-P, n29, o118/29, mb4.3/11, 1C, Peru-Bolivia border region

Table for the thirteenth section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like La Paz, La Paz, WRA Warramunga Arr, etc.

9d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP Villa Florida, MDZ Mendoza, OTAV Otavalo, etc.

NEIC 08 20 06:26.2, 3.5, 1.81N, 127.62E, h157km, 35km, mb4.3/6, Error ellipse: s-maj=36.4km s-min=11.0km az=69.0

ISC 08 20 06:25.5, 1.2, 1.8N, 127.7E, 0.2, h167km, 13km, n25, 0.0568/26, mb4.3/14, 1C, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI Mati, BUKP Musuan, IPIL Ipil, etc.

NEIC 08 20 42:50.8, 3.3, 2.75N, 125.68E, h115km, 33km, mb4.3/3, Error ellipse: s-maj=37.5km s-min=10.2km az=71.0

ISC 08 20 42:49.9, 3.1, 2.8N, 125.6E, 0.4, h125km, 30km, n13, 0.0750/15, mb4.0/9, 1C, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

2004 AUG

VNDA Vanda 82.62 173 P P 20 55 00.5 +0.4

KRSC 08 20:48:45.1, 54.21N, 158.20E, h278km, ML3.6, Kamchatka Peninsula

ATH 08 20:53:16.3, 38.61N, 26.02E, h35km, MD3.0/3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRK Paraskvi, IZM Izmir, SMG Samos, etc.

THE 08 21:03:11.1, 38.60N, 20.48E, h10km, ML2.7

NEIC 08 21:03:13.2, 38.72N, 20.59E, h9km, MD3.2(ATH), ML2.7(TH), After ATH

ISC 08 21:03:13.2, 38.72N, 20.59E, h9km, 8km, MD3.2/4

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

NEIC 08 21:06:39.9, 16.16N, 98.23W, h8km, MD3.8(MEX), After MEX

MEX 08 21:06:39.5, 0.7, 16.15N, 98.23W, h5km, MD3.8, Near coast of Guerrero

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

TIR 08 21:52:22.1, 41.08N, 20.10E, h7km, ML2.6

PDG 08 21:52:28.2, 0.3, 41.27N, 19.90E, h10km, 1km

NEIC 08 21:52:28.2, 0.1, 41.27N, 19.90E, h10km, MD2.7(PDG), After PDG

ISC 08 21:52:21.6, 0.6, 41.07N, 0.03, 20.01E, 0.6, h10km, n16, 0.110/31, 3C-1D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIR Tirane, OHR Ohrid, LACI Lac, etc.

ISC 08 21:57:28.8, 5.4, 50.32S, 113.59E, mb3.7/3, mb1 4.0/3, mb1 3.8/9, mb1mx3.7/1, Ms1 3.8/1, ms1mx3.2/9, Error ellipse: s-maj=218.0km s-min=28.6km az=101.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, VNDA Vanda, WRA Warrungarra Arr, etc.

200

LPAZ La Paz 2.38 46 P P 22 33 10.3 +0.5

LPAZ La Paz 2.38 46 P S 22 33 39.0 -0.4

LPAZ La Paz 2.38 46 P S 22 33 10.3 +0.5

LPVZ Limon Verde 4.74 169 P S 22 33 42.2 +0.9

LVC 16nm, 0.3s, baz=103, slow=22, SNR=13 S S 22 34 30.4 -1.7

OTAV Otavalo 19.92 334 P S 22 36 55.6 +0.8

BDFB Brasilia 21.10 87 P P 22 37 08.6 +1.8

PLCA Paso Flores 22.72 181 P P 22 37 24.1 +1.7

TXAR Lajitas Array 57.18 325 P P 22 42 06.5 -0.5

DBIC Dimbokro 68.70 75 P P 22 43 21.9 -1.4

ULM Lac du Bonnet 71.66 343 P P 22 43 39.4 -1.1

SCHO Schefferville 72.53 2 P P 22 43 44.0 -1.6

YKA Yellowknife Ar 87.53 341 P P 22 45 06.2 +1.1

YKA Yellowknife Ar 87.53 341 P P 22 45 06.2 +1.1

SONM Songoing Array 150.04 6 PKPbc PKPpdf 22 52 09.2 +8.0

STR 08 22:38:52.1, 0.1, 44.43N, 6.83E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 22:38:52.1, 0.1, 44.42N, 6.82E, h2km, Md1.9/3, MI1.8/6, Error ellipse: s-maj=1.8km s-min=0.8km az=73.0

ISC 08 22:38:51.0, 0.4, 44.42N, 0.02, 6.81E, 0.05, h13km, 4km, n15, 0.061/28, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SURF Saint Ours, SURF Montbardon, MTDIF Mont Tournerai, etc.

NEIC 08 23:05:05.2, 39.77N, 26.26E, h17km, MD2.9(ATH), After ATH

ATH 08 23:05:05.2, 39.77N, 26.26E, h17km, 2km, MD2.9/4

ISC 08 23:05:06.3, 39.56N, 26.24E, h8km, MD3.3

ISC 08 23:05:05.1, 1.1, 39.59N, 0.05, 26.02E, 0.06, h12km, 7km, n18, 0.080/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZN Ezine, PRK Paraskvi, LOS Limnos, etc.

MEX 08 23:07:43.9, 0.5, 16.19N, 98.36W, h6km, 6km, MD3.8, 1D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNIG Pinotepa, OXX Oaxaca, PPM Popocatepetl, etc.

JMA 08 23:48:29.2, 0.3, 24.08N, 121.88E, h80km, M2.4

TAP 08 23:48:30.3, 23.87N, 121.80E, h44km, ML3.2, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ Yanaguni jima, YOF Iriomote-Funau, IRIF Hateruma jima, etc.

ISC 09 00:01:24.2, 3.0, 34.10S, 127.72W, mb4.1/4, mb1 4.3/5, mb1mx4.0/16, ML4.3/1, MS3.7/1, Ms1 3.6/1, ms1mx3.2/11, Error ellipse: s-maj=63.3km s-min=35.9km az=120.0

ISC 09 00:01:23.4, 2.9, 34.10S, 127.72W, 0.4, h10km, n11, 0.092/10, mb4.0/4, MS3.6/1, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUZ Puketiti, MRZ Matawai, URZ Urewera, etc.

ISC 08 22:32:30.9, 1.8, 17.93S, 69.92W, h113km, 17km, mb3.7/7, mb1 3.8/9, mb1mx3.6/17, Error ellipse: s-maj=228.1km s-min=10.4km az=101.0

NEIC 08 22:32:32.1, 1.2, 17.91S, 69.91W, h122km, 11km, mb3.9/1, Error ellipse: s-maj=18.8km s-min=12.1km az=87.0

ISC 08 22:32:30.7, 1.3, 17.95S, 0.06, 69.9W, 0.2, h125km, 13km, n13, 0.122/15, mb3.9/7, Peru-Bolivia border region

Table with columns: WB2, WRA, FITZ, FINES, NB2. Includes station names, coordinates, and status.

STR 09 00:21:13.4-0.1, 44.43N-6.81E, h5km, 1km, M2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

NEIC 09 00:26:09.9, 36.92N-27.69E, h32km, MD3.0(ATH), After ATH.

ATH 09 00:26:09.9, 36.92N-27.69E, h32km, MD3.0/4 ISK 09 00:26:11.0, 37.02N-27.82E, h12km, MD3.0

ISC 09 00:26:09.7-0.7, 36.91N-0.03-27.71E, 0.04, h16km, 7km, n16, c099/27, 4C, Dodecanese Islands

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

MDD 09 00:49:51.8-0.2, 42.30N-1.05E, h5km, 4km, mbLg1, 7/18, Error ellipse: s-maj=2.0km s-min=1.7km az=87.0, PRXIMO

STR 09 00:49:51.4-0.4, 42.31N-1.05E, h5km, 1km, M2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 00:49:51.6-0.2, 42.29N-1.06E, h2km, Md2.2/3, M2.2/12, Error ellipse: s-maj=3.7km s-min=2.2km az=179.0

ISC 09 00:49:50.2-0.3, 42.34N-0.02-1.06E, 0.03, h15km, 3km, n35, c108/57, Pyrenees

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: ESAC, ETSF, MTLF, ETON, ETON, SJPF, SJPF, EALK, EALK, EMO, EMO, LFF, LFF, LASF, LASF, LASF, LASF, ETOR, ETOR, ETOR, ETOR, RJF, RJF, RJF, RJF, VIVF, TCF, MFF, MFF.

NEIC 09 00:51:50.2, 53.80N-163.96W, h22km, ML3.1(AEIC), After AEIC, Unimak Island region

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

ISC 09 01:00:32.9-5.5, 15.45S-178.80W, h393km, 58km, mb3.7/11, mb1.3.9/11, mb1mx3.8/18, Error ellipse: s-maj=25.9km s-min=18.3km az=168.0

NEIC 09 01:00:33.5-2.7, 15.38S-178.87W, h401km, 28km, mb4.1/7, Error ellipse: s-maj=15.6km s-min=9.2km az=144.0

ISC 09 01:00:32.4-0.4, 15.4S-0.1x178.9W, 0.1, h400km, n61, c074/27, mb4.0/18, 1C-1D, Fiji Islands region

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: SGMF, DAVOX, DAVOX, LOR, SSF, CABF, AVF, SMF, TCF, LPL, LPG, RJF, ORIF, MBDF, VIVF, LFF, CAF, LASF, MTLF, EPF, ETSF.

NAO 09 01:05:13.7-2.2, 67.21N-20.32E, ML2.0, HEL 09 01:05:14.9-0.1, 67.18N-20.62E, ML1.7, ML2.0(UPP), ML1.6(BER) Explosion

BER 09 01:05:17.2-5.9, 67.21N-20.53E, ML1.6, ML2.0(NAO), Suspected explosion

ISC 09 01:05:13.3-0.5, 67.17N-0.03-20.64E, 0.07, n21, c1935/33, Sweden

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

ISC 09 01:05:13.3-0.5, 67.17N-0.03-20.64E, 0.07, n21, c1935/33, Sweden

ISC 09 01:05:13.3-0.5, 67.17N-0.03-20.64E, 0.07, n21, c1935/33, Sweden

Main table for station 201, listing Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

ISC 09 01:18:38.7-2.9, 24.74S-112.20W, mb3.9/7, mb1 4.2/7, mb1mx3.0/18, MS3.8/11, MS1 3.8/11, ms1mx3.8/18, Error ellipse: s-maj=92.2km s-min=24.2km az=48.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Paso Flores, Limon Verde, El Pazol, etc.

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

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

ATH 09 01:21:57.9, 37.99N-27.89E, h5km, MD3.8/13
ISK 09 01:21:58.8, 37.94N-27.67E, h9km, MD3.9 ALTH.3.9

ISC 09 01:21:58.6, 0.4, 37.95N-0.02, 27.65E, h3km, 4km, n73, c086/88, 1C, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tasoluk, Izmir, Bornova, Milas, etc.

Table with columns: GRG, ELND, FLD, BAL, IGT, CTKT. Includes stations like Griva, Eldivan, Florina, etc.

LDG 09 01:24:09.7, 0.2, 46.62N-7.00E, h6km, Md2.0.5, MI1.8/12, Error ellipse: s-maj=3.0km s-min=1.9km az=86.0

ZUR 09 01:24:09.4, 46.60N-7.00E, h13km, ML1.2/6
ISC 09 01:24:08.3, 0.4, 46.62N-0.02, 6.85E-0.04, h12km, 5km, n21, c1900/35, 1C-1D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Torny, Aigle, SENIN, GRON, GIMEL, etc.

MDD 09 01:33:32.9, 0.3, 38.76N-9.05W, mbLg1.2/2, Error ellipse: s-maj=3.3km s-min=2.3km az=17.0, PRXIMO

INMG 09 01:33:32.0, 0.8, 38.73N-9.10W, h8km, 4km, MD1.9, ML1.0, Error ellipse: s-maj=6.1km s-min=1.5km az=73.0

IGIL 09 01:33:34.5, 38.73N-9.11W, h2km, ML1.0
ISC 09 01:33:32.0, 0.5, 38.76N-0.03, 9.05W-0.04, h8km, n17, c086/24, 1C-2D, Portugal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Instituto de M, Lis, Loures, etc.

ZUR 09 02:14:01.9, 45.75N-6.95E, h3km, ML1.2/4
LDG 09 02:14:02.1, 0.1, 45.71N-6.92E, h2km, Md2.1/4, MI1.9/14, 2C-3D, Error ellipse: s-maj=1.5km s-min=0.9km az=94.0, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like La Plagne, EMV, SALAN, DIX, etc.

Table with columns: VIVF, HINF, HAU, SMF, SMF, LOR, AVF, AVF, AVF, CDF, SSF, SSF, BGF, BGF, MCF, MCF, TCF, TCF. Includes stations like Saint-Julien-l, Hinfertal, etc.

IDC 09 02:18:05.2, 12.0, 6.25S-130.67E, h85km-117km, mb3.7/2, mb1.3.8/4, mb1mx3.5/11, ML3.7/2, Error ellipse: s-maj=133.0km s-min=40.4km az=61.0, Banda Sea

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

CASC 09 02:29:29.8, 2.2, 8.92N-82.84W, h12km, 4km, MD4.0
ISC 09 02:29:29.8, 0.4, 8.92N-0.03, 82.83W-0.03, h18km, 5km, n18, c1915/33, 5C-5D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Volcan, Cerro Adams, Changuinulo, etc.

IDC 09 02:37:34.1, 10.0, 2.26N-129.56E, h54km-99km, mb3.6/5, mb1.3.8/5, mb1mx3.5/15, Error ellipse: s-maj=143.0km s-min=26.3km az=67.0, Halmahera

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

ISK 09 03:22:33.0, 36.98N-27.85E, h10km, MD3.1
NEIC 09 03:22:33.4, 36.92N-27.79E, h34km, MD2.9(ATH), After ATH

ATH 09 03:22:33.4, 36.92N-27.79E, h34km, 9km, MD2.9/4
ISC 09 03:22:33.0, 0.7, 36.91N-0.03, 27.79E-0.04, h9km, 5km, n15, c0979/25, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kayabasi, BDRM, Mlsb, Yerkesik, etc.

IDC 09 03:56:58.6, 13.0, 45.94N-153.93E, mb3.7/4, mb1.3.8/5, mb1mx3.5/22, ML3.5/1, Error ellipse: s-maj=335.0km s-min=34.1km az=167.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station: FX1 Atto Island-F

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAMC Mammari, ULDT Uludag, CSS Prodhromos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTEO Sao Teotônio, PALC Alcouthim, EGRO El Granado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCBS La Ceiba, LCBS El Faro, LFRS Las Brisas, etc.

ISK 09 05:30:39.5, 36.98N-27.78E, h5km, MD3.2
NEIC 09 05:30:41.5, 36.65N-27.58E, h26km, MD3.2(ATH), After ATH.

ATH 09 05:30:41.5, 36.65N-27.58E, h26km, 13km, MD3.2/6
ISC 09 05:30:38.9-0.5, 36.89N-0.03-27.68E, 0.04, h5km, n18, c095/26, 1C, Dodecanese Islands

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

ISC 09 05:44:02.8-0.0, 6.33S-129.68E, h104km, 67km, mb3.3/2, mb1 3.3/5, mb1mx3.2/12, ML3.1/3, Error ellipse: s-maj=116.0km s-min=31.9km az=66.0, Banda Sea

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

MAN 09 05:53:07.5, 9.66N, 126.52E, h102km, mb4.2, ML3.0, MS2.8

ISC 09 05:53:24.7-13.0, 9.45N-125.11E, h172km, 133km, mb3.2/7, mb1 3.4/7, mb1mx3.2/18, MS3.2/1, Ms1 3.2/1, ms1mx2.5/14, Error ellipse: s-maj=116.0km s-min=21.6km az=71.0

ISC 09 05:53:08.6-1.3, 9.70N-0.08, 126.5E-0.1, h62km, 133km, n15, c097/16, mb3.6/7, ID, Mindanao

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

ISC 09 05:53:22.4-16.0, 16.09S-174.25W, mb4.5/5, mb1 4.7/5, s-mb1=138.7km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, TOO Toolang, STKA Stephens Creek, etc.

NEIC 09 05:59:40.5-0.4, 17.98S-178.83W, h500km, mb3.9/7, Error ellipse: s-maj=18.3km s-min=10.2km az=144.0
ISC 09 05:59:46.4-4.1, 18.19S-178.88W, h573km, 50km, mb3.1/11, mb1 3.4/11, mb1mx3.3/18, Error ellipse: s-maj=20.3km s-min=13.7km az=106.0
ISC 09 05:59:43.4-4.8, 18.1S-0.1x178.9W-0.2, h547km, 60km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vnda Vanda, NWAO Narrogin (SRO), ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VSM San Miguel, BLLM Bellamira, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CASO 09 05:25:20.2-2.0, 12.68N-88.40W, h36km, 999km, MD3.5, 4C-4D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, TOO Toolangi, STKA Stephens Creek, etc.

IDC 09 06:00:40.4:11.0, 36.79N;71.37E, h93km, 81km, mb3.7/5, mb1 3.7/7, mb1mx3.5/19, ML3.5/2, Error ellipse: s-maj=85.2km s-min=44.3km az=179.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, SARP Sardogha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, KEV Kevo, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, KEV Kevo, ARCES ARCESS Array B, etc.

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

IDC 09 06:28:27.5: 1.5, 55.52N; 167.14E, mb3.6/4, mb1 3.9/5, mb1mx3.5/22, ML3.1/1, Error ellipse: s-maj=43.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FX1 Attu Island-F, ILAR Eielson Array, BVAR Borovoye Array, etc.

SNSN 09 06:28:57.6, 24.17N-36.70E, M12.8 HLW 09 06:28:59.4, 24.03N-36.52E, h26km, Mb3.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UMJS Umm Lajj, YNBS Yanbu' al Bahr, HSHL Bi' Shalayatayn, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, SWSN 09 06:52:33.1, 27.85N-36.91E, etc.

IDC 09 07:13:26.4:1.7, 2.75S; 139.63E, mb3.7/3, mb1 4.1/4, mb1mx3.8/11, ML3.6/1, Error ellipse: s-maj=100.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

BER 09 07:27:20.6:3.2, 79.86N-21.38E, h23km, 36km, ML2.4(NAO)

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, KBS Kingsbay, etc.

IDC 09 07:33:34.5:1.2, 45.35N; 0.05, 12.97E; 0.06, h10km, n12, 0.97/22, 6C-1D, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLJ Taimassons, CAE Caneva, COLI Coloredo, etc.

MEX 09 07:38:26.0:0.6, 15.89N-95.53W, h36km, 21km, MD3.7, Near coast of Oaxaca

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YSS, TYV, JNK, JTKR, JAK, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GYA, GYA, GYA, GYA, GYA, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PDAR, PDAR, PDAR, PDAR, PDAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ceresole Reale, Bois d'Angland, La Plagne, etc.

IDC 09 09:55:28.3±6.5, 4.67S-154.29E, mb3.9/4, mb1 4.1/4, mb1mx3.8/13, Error ellipse: s-maj=197.0km s-min=28.6km az=105.0, Bougainville - Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW, JOW Kunigami, JOW Kume jima 2, etc.

MEX 09 10:24:58.0±1.4, 16.38N-98.14W, h14km, 5km, MD4.5 NEIC 09 10:24:58.1, 16.38N-98.14W, h14km, mb4.3/14, MD4.4(MEX), After MEX.

IDC 09 10:25:07.0±9.7, 17.24N-97.33W, h72km, 52km, mb3.6/4, mb1 3.9/6, mb1mx3.6/21, MS3.4/2, MS3.4/3, 3.4/3, ms1mx0.19, Error ellipse: s-maj=85.8km s-min=28.5km az=56.0

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

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

IDC 09 10:53:41.6±4.8, 4.52S-153.65E, h105km, 40km, mb3.9/12, mb1 4.1/13, mb1mx4.0/17, Error ellipse: s-maj=31.7km s-min=16.4km az=93.0

NEIC 09 10:53:42.7±1.4, 5.53S-153.59E, h114km, 17km, mb4.4/7, Error ellipse: s-maj=18.6km s-min=9.3km az=97.0

ISC 09 10:53:41.6±3.8, 4.52S-153.65E, h105.6km, 0.2, h118km, 31km, n24, ±0.64/26, mb4.1/17, 3D, New Ireland region

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

STR 09 11:33:36.2±0.1, 44.41N-6.81E, h5km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 11:33:36.1±0.0, 44.42N-6.79E, h2km, Md2 4/3, M12.5/7, Error ellipse: s-maj=1.2km s-min=0.7km az=69.0

NEIC 09 11:33:36.2, 44.41N-6.81E, h5km, M12.5(LDG), M12.5(STR), M12.1(GEN), After STR.

ISC 09 11:33:35.1±0.3, 44.40N-0.01±6.76E±0.02, h10km, 2km, n33, ±0.70/62, 5C, France

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

9d 16h

Table with columns for station name, frequency, and other parameters. Includes stations like JOW, JAGN, JKE, etc.

2004 AUG

Table with columns for station name, frequency, and other parameters. Includes stations like LZH, YSS, YSS, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like ARCES, KAF, KAF, etc.

NIED 09 16:24:00.25.90N.128.60E. h14km. Mw4.9 Best double couple. M2=28x10^16 NP1=56^6, 659^2, 1.102^2. NP2=213^3, 833^3, 70^7.

Table with columns for Code, Station Name, Delta, Az, Phase ID, h, m, s, Res, ISC. Includes stations like JYT2, NAH1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Foliniere, Saint Gilles, Hagfors, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 09 19:34:18.2, 12.70N, 123.16E, etc.

ISK 09 19:51:14.6, 39.60N, 43.82E, h12km, MD3.7

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

ROM 09 19:51:28.1±0.1, 46.30N, 13.61E, h10km, MD2/3, Error ellipse: s-maj=1.4km s-min=1.1km az=90.0

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

JMA 09 19:52:35.1±0.2, 24.18N, 121.91E, h79km, 4km, M3.3

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

NEIC 09 19:58:15.5, 51.40N, 178.36W, h9km, ML3.5(AEIC), After AEIC, Andreevof Islands

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

ISC 09 20:26:53.4±1.6, 36.89N, 0.08-27.65E, 0.06, h10km, n7, r1525/14, Dodecanese Islands

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

IDC 09 20:36:13.1±0.4, 9.78N, 125.34E, mb4.8/24, mb1 4.8/26, mb1mx4.8/27, ML4.5/2, MS4.1/17, Ms1 1.4/17, ms1mx4.0/26, Error ellipse: s-maj=20.0km s-min=10.9km az=80.0

NEIC 09 20:36:14.3±0.2, 9.83N, 125.50E, h10km, mb5.0/27, Error ellipse: s-maj=10.7km s-min=5.3km az=72.0

NEIC Feil [IV PIVS] at Surigao and [III PIVS] at Butuan. SYO 09 20:36:14.3, 9.83N, 125.50E, h10km, MB5.0

MAN 09 20:36:15.1, 9.76N, 125.45E, h22km, mb5.1, ML4.0, MS4.0

MAN F Intensity IV - Surigao City Intensity III - Butuan City. MOS 09 20:36:16.1±1.0, 9.87N, 125.34E, h33km, mb5.0/25, Error ellipse: s-maj=17.9km s-min=8.1km az=111.2

BUI 09 20:36:20.6, 9.87N, 125.46E, h72km, mb5.1, mb4.8, Ms4.6, Ms2.6

HRVD 09 20:36:22.4±0.3, 9.74N, 125.47E, h16km, 1km, MW5.0/51, Centroid moment Tensor Solution. LP body waves: s15,c19,Mantle waves: s51,c87; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr:0.20±.13; Mw:1.91±.09; Mw>2.1±.13; Mw<0.53±.29; Mw<1.89±.08; Mw<2.25±.45; Best double couple: M3.41x10^16 NPT, 367°, 361°, 3°-168°; NFP2±338°, 879°, 1-29°; Principal axes: P1, 73°, Plg12°, Azm270°; N1 1.35, Plg59°, Azm137°; P-4.08, Plg28°, Azm290°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 09 20:36:13.1±0.2, 9.80N, 0.02-125.46E, 0.03, h10km, (h61km, 4.1km; pP-P), n218, r1814/227, mb4.9/75, MS4.2/28, 7C-16D, Mindanao

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

CTBH GUIM Jordan 2.94 287 eP Pn 20 37 41.9 ±0.3

WB2 Warramunga Arr 30.82 164 eP P 20 42 30.2 -1.4

WRA Warramunga Arr 30.82 164 P P 20 42 30.3 -1.3

WBJ Baijiatuu 31.21 346 eP P 20 42 34.6 -0.3

BJI Beijing 31.23 346 P S 20 42 34.3 -0.8

SNY Shenyang 31.95 357 eP P 20 42 41.3 0.0

WBJ Warramunga Arr 30.82 164 eP P 20 42 30.2 -1.4

WRA Warramunga Arr 30.82 164 P P 20 42 30.3 -1.3

WBJ Baijiatuu 31.21 346 eP P 20 42 34.6 -0.3

BJI Beijing 31.23 346 P S 20 42 34.3 -0.8

SNY Shenyang 31.95 357 eP P 20 42 41.3 0.0

WBJ Warramunga Arr 30.82 164 eP P 20 42 30.2 -1.4

WRA Warramunga Arr 30.82 164 P P 20 42 30.3 -1.3

WBJ Baijiatuu 31.21 346 eP P 20 42 34.6 -0.3

BJI Beijing 31.23 346 P S 20 42 34.3 -0.8

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

comp=Z,456nm,21.7s,MS3.9,baz=16,slow=34

comp=Z,20nm,1.2s,mb4.4

comp=Z,150nm,3.6s

comp=N,1µm,19.2s,MS4.5

comp=E,890nm,19.8s,MS4.5

comp=E,53nm,0.8s,mb5.5

comp=Z,39nm,1.0s,mb4.9

comp=Z,156nm,3.6s

comp=N,584nm,17.5s,MS4.3

comp=E,694nm,19.2s,MS4.3

comp=E,472nm,18.6s,MS4.1,baz=302,slow=32

comp=E,1.6nm,0.8s,baz=166,slow=0.8,SNR=5.8

comp=Z,380nm,18.7s,MS4.0,baz=105,slow=37

comp=Z,9.0nm,0.9s

comp=Z,2.0nm,0.8s

comp=Z,380nm,18.7s

comp=Z,12nm,1.1s,mb4.3

comp=Z,2.22nm,0.8s,mb4.9,baz=12,slow=8.0,SNR=26

comp=Z,2.77nm,0.9s,mb5.0

comp=Z,1.5nm,0.7s,mb4.8,baz=297,slow=4.8,SNR=2.9

comp=Z,192nm,20.0s,MS3.7,baz=203,slow=35.9

comp=Z,15nm,0.7s

comp=Z,192nm,20.0s

comp=Z,52nm,1.2s,mb5.1

comp=Z,8.2nm,0.7s,mb4.6

comp=Z,350nm,20.0s,MS4.0

comp=Z,2.5nm,0.7s,mb4.1,baz=846,slow=9.3,SNR=10

comp=Z,3.0nm,0.7s

comp=Z,2.0nm,0.8s,mb5.0

comp=Z,80nm,4.5s

comp=N,350nm,18.2s,MS4.3

comp=E,410nm,16.3s,MS4.3

comp=Z,40nm,1.2s,mb5.2

comp=Z,190nm,5.4s

comp=E,1µm,14.5s

comp=Z,2µm,19.9s

comp=Z,19nm,0.9s,mb5.0

comp=Z,19nm,0.9s,mb5.0

comp=Z,135nm,4.5s

comp=Z,200nm,4.0s

comp=N,500nm,18.0s,MS4.4

comp=E,400nm,18.0s,MS4.4

comp=Z,2.2nm,0.5s,mb4.3,baz=351,slow=7.0,SNR=34

comp=E,205nm,19.5s,MS3.9,baz=341,slow=37

comp=Z,1.11nm,5.4s

comp=Z,309nm,1.0s,mb5.7

comp=Z,1.11nm,5.4s

comp=Z,309nm,1.0s,mb5.7

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

comp=Z,62nm,0.6s,mb5.2,baz=317,slow=8.9,SNR=2.3

comp=Z,305nm,19.3s,MS3.8,baz=224,slow=33

comp=Z,42nm,0.6s,mb5.0

comp=Z,90nm,0.9s,mb5.2

comp=N,940nm,17.9s,MS4.5

comp=E,1µm,14.5s,MS4.5

comp=N,1µm,13.8s,MS4.6

comp=E,1µm,15.9s,MS4.6

comp=Z,2µm,19.1s,MS4.6

Table with columns for station name, frequency, and other technical details. Includes stations like GTA, LSA, HIA, YSS, SONM, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like CASY, RAYN, MZLS, GOF, ARSS, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like PLCA, Paso Flores, TRQA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZRNC Zerenda, ARCES ARCESS Array B, etc.

IDC 09 22:50:45.7 2.2 9.75, 142.05E, mb3.3/4, mb1 3.4/5, mb1mx3.4/13, ML3.5/1, MS3.0/1, Mt1 3.0/1, 1m1, 7.7/9, Error ellipse: s-maj=76.9km s-min=24.5km az=98.0

ISC 09 22:50:49.2 2.2 3.05, 0.1, 141.9E, 0.7, h33km, n6, 0667/5, mb3.3/4, MS2.9/1, Near north coast of New Guinea

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

HEL 09 23:14:10.4 0.1, 67.82N x 20.11E, ML1.8, ML2.1(UPP), ML1.7(BER), Explosion

NAO 09 23:14:11.3 2.7, 67.74N x 20.77E, ML2.3, BER 09 23:14:11.6 7.7, 67.85N x 20.26E, ML1.7, ML2.3(NAO), Suspected explosion

ISC 09 23:14:09.0 0.5, 67.79N, 0.03, 20.17E, 0.08, n23, 0192/34, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Nikkaluokta, DUND Dundret, etc.

HEL 09 23:20:17.6 0.1, 67.85N x 20.12E, ML1.7, ML1.9(UPP), ML1.5(BER), Explosion

BER 09 23:20:19.1 4.5, 67.89N x 20.41E, ML1.5, ML2.1(NAO), Suspected explosion

NAO 09 23:20:20.9 17.0, 67.80N x 20.99E, ML2.1, ISC 09 23:20:16.5 0.7, 67.83N, 0.03, 20.2E, 0.1, n17, 0070/21, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Nikkaluokta, DUND Dundret, etc.

MOS 09 23:28:27.9 3.2, 41.30N x 47.20E, h10km, mb4.0/1, Error ellipse: s-maj=17.8km s-min=8.8km az=87.0

TIF 09 23:28:30.6 4.1, 46N x 47.52E, h10km, Mpv4.8, ISC 09 23:28:31.7 0.8, 41.46N, 0.04, 47.90E, 0.07, h10km, n17, 0190/23, 2C-20, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKT Akhty, KSMR Kasumkent, URKR Urkarakh, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

HEL 09 23:17:30.1 0.1, 67.84N x 20.12E, ML1.8, ML2.2(UPP), ML1.7(BER), Explosion

NAO 09 23:17:31.4 3.6, 67.81N x 20.86E, ML2.0, BER 09 23:17:34.0 2.7, 67.82N x 20.35E, ML1.5, ML2.0(NAO), Suspected explosion

ISC 09 23:17:29.0 0.5, 67.80N, 0.02, 20.18E, 0.09, n21, 0096/27, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Nikkaluokta, NIKU Nikkaluokta, DUND Dundret, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Nikkaluokta, DUND Dundret, etc.

HEL 09 23:20:17.6 0.1, 67.85N x 20.12E, ML1.7, ML1.9(UPP), ML1.5(BER), Explosion

BER 09 23:20:19.1 4.5, 67.89N x 20.41E, ML1.5, ML2.1(NAO), Suspected explosion

NAO 09 23:20:20.9 17.0, 67.80N x 20.99E, ML2.1, ISC 09 23:20:16.5 0.7, 67.83N, 0.03, 20.2E, 0.1, n17, 0070/21, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Nikkaluokta, DUND Dundret, etc.

HEL 09 23:28:27.9 3.2, 41.30N x 47.20E, h10km, mb4.0/1, Error ellipse: s-maj=17.8km s-min=8.8km az=87.0

TIF 09 23:28:30.6 4.1, 46N x 47.52E, h10km, Mpv4.8, ISC 09 23:28:31.7 0.8, 41.46N, 0.04, 47.90E, 0.07, h10km, n17, 0190/23, 2C-20, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKT Akhty, KSMR Kasumkent, URKR Urkarakh, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

IDC 09 23:16:45.0 4.8, 34.77N x 25.04E, h12km, 22km, mb3.7/3, mb1 3.7/6, mb1mx3.5/22, ML3.8/3, Error ellipse: s-maj=41.7km s-min=29.4km az=46.0

NEIC 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6(ATH), After ATH

ATH 09 23:16:45.3 4.74N x 24.91E, h11km, 8km, MD3.6/7, ISC 09 23:16:41.9 1.3, 34.58N, 0.08, 24.94E, 0.06, h4km, 7km, n20, 0151/24, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

HEL 09 23:17:30.1 0.1, 67.84N x 20.12E, ML1.8, ML2.2(UPP), ML1.7(BER), Explosion

NAO 09 23:17:31.4 3.6, 67.81N x 20.86E, ML2.0, BER 09 23:17:34.0 2.7, 67.82N x 20.35E, ML1.5, ML2.0(NAO), Suspected explosion

ISC 09 23:17:29.0 0.5, 67.80N, 0.02, 20.18E, 0.09, n21, 0096/27, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XRY Xhrisi, ANOY Anoyia, NPS Neapolis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, ARG Arkhangelos, KSL Kastellorizon, etc.

NEIC 10 00:00:42.8 36.75N x 28.79E, h7km, MD3.3(ATH), After ATH

ATH 10 00:00:42.8 36.75N x 28.79E, h7km, MD3.3/4, ISK 10 00:00:43.7 36.48N x 28.81E, h12km, MD3.3, ISC 10 00:00:44.5 0.6, 36.50N, 0.04, 28.86E, 0.04, h12km, n16, 0084/25, 4C, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, ARG Arkhangelos, KSL Kastellorizon, etc.

MOS 10 00:04:35.8 0.5, 36.58N x 70.54E, h153km, mb3.6/4, Error ellipse: s-maj=26.4km s-min=12.2km az=99.6

IDC 10 00:04:36.9 2.1, 36.61N, 70.74E, h149km, 126km, mb3.3/5, mb1 3.4/7, mb1mx3.2/20, ML3.5/2, Error ellipse: s-maj=198.0km s-min=39.5km az=3.0

NNC 10 00:04:41.9 12.0, 36.92N, 70.35E, h165km, 166km, mvp4.5, Error ellipse: s-maj=180.6km s-min=94.2km az=64.0

NEIC 10 00:04:46.3 2.2, 37.30N, 70.84E, h200km, mb3.8/3, Error ellipse: s-maj=38.2km s-min=19.7km az=158.0

ISC 10 00:04:32.5 0.7, 36.36N, 0.04, 70.66E, 0.07, h137km, 10km, n43, 0109/52, mb3.5/6, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

MOS 10 00:04:35.8 0.5, 36.58N x 70.54E, h153km, mb3.6/4, Error ellipse: s-maj=26.4km s-min=12.2km az=99.6

IDC 10 00:04:36.9 2.1, 36.61N, 70.74E, h149km, 126km, mb3.3/5, mb1 3.4/7, mb1mx3.2/20, ML3.5/2, Error ellipse: s-maj=198.0km s-min=39.5km az=3.0

NNC 10 00:04:41.9 12.0, 36.92N, 70.35E, h165km, 166km, mvp4.5, Error ellipse: s-maj=180.6km s-min=94.2km az=64.0

NEIC 10 00:04:46.3 2.2, 37.30N, 70.84E, h200km, mb3.8/3, Error ellipse: s-maj=38.2km s-min=19.7km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

MOS 10 00:04:35.8 0.5, 36.58N x 70.54E, h153km, mb3.6/4, Error ellipse: s-maj=26.4km s-min=12.2km az=99.6

IDC 10 00:04:36.9 2.1, 36.61N, 70.74E, h149km, 126km, mb3.3/5, mb1 3.4/7, mb1mx3.2/20, ML3.5/2, Error ellipse: s-maj=198.0km s-min=39.5km az=3.0

NNC 10 00:04:41.9 12.0, 36.92N, 70.35E, h165km, 166km, mvp4.5, Error ellipse: s-maj=180.6km s-min=94.2km az=64.0

NEIC 10 00:04:46.3 2.2, 37.30N, 70.84E, h200km, mb3.8/3, Error ellipse: s-maj=38.2km s-min=19.7km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

MOS 10 00:04:35.8 0.5, 36.58N x 70.54E, h153km, mb3.6/4, Error ellipse: s-maj=26.4km s-min=12.2km az=99.6

IDC 10 00:04:36.9 2.1, 36.61N, 70.74E, h149km, 126km, mb3.3/5, mb1 3.4/7, mb1mx3.2/20, ML3.5/2, Error ellipse: s-maj=198.0km s-min=39.5km az=3.0

NNC 10 00:04:41.9 12.0, 36.92N, 70.35E, h165km, 166km, mvp4.5, Error ellipse: s-maj=180.6km s-min=94.2km az=64.0

NEIC 10 00:04:46.3 2.2, 37.30N, 70.84E, h200km, mb3.8/3, Error ellipse: s-maj=38.2km s-min=19.7km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

MOS 10 00:04:35.8 0.5, 36.58N x 70.54E, h153km, mb3.6/4, Error ellipse: s-maj=26.4km s-min=12.2km az=99.6

IDC 10 00:04:36.9 2.1, 36.61N, 70.74E, h149km, 126km, mb3.3/5, mb1 3.4/7, mb1mx3.2/20, ML3.5/2, Error ellipse: s-maj=198.0km s-min=39.5km az=3.0

NNC 10 00:04:41.9 12.0, 36.92N, 70.35E, h165km, 166km, mvp4.5, Error ellipse: s-maj=180.6km s-min=94.2km az=64.0

NEIC 10 00:04:46.3 2.2, 37.30N, 70.84E, h200km, mb3.8/3, Error ellipse: s-maj=38.2km s-min=19.7km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

MOS 10 00:14:14.2 23.80S x 179.80W, h51km, mb4.8, mb4.5

NEIC 10 00:14:14.2 23.75S x 179.83W, h51km, 15km, mb4.6/31, Error ellipse: s-maj=9.7km s-min=6.1km az=165.0

IDC 10 00:14:15.9 1.2, 23.77S x 179.95W, h528km, 11km, mb4.1/17, mb1 4.2/19, mb1mx4.2/20, Error ellipse: s-maj=16.9km s-min=10.2km az=165.0

ISC 10 00:14:11.7 1.5, 23.84S, 0.07, 179.82W, 0.05, h496km, 18km, n95, 0095/79, mb4.6/48, 1C-13D, South of

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like Fiji Islands, URZ Urewera, NZSO South Koror, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like LVC, CPUP Villa Florida, PLCA Paso Flores, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JASL, AYAN, KUDL, SONA, VAN, AJM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVS, CAL, MIB, GNI, GNI, GNI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2, ASF, IRK, SONM, SONM, SONM, etc.

GRAM	comp=E,262nm,2.1s,mb5.2	45.95 300	P	P	01 55 36.1 +1.1
GUT	Gutenstein	45.95 305	eP	P	01 55 34.5 -0.5
GUT	Gutenstein	45.95 305	eP	P	01 55 35.0 +0.6
VINC	Vinca	45.96 299	P	P	01 55 33.1 -1.6
VDL	Vai di Lei	45.97 303	P	P	01 55 32.7 +1.0
BACM		45.98 299	P	P	01 55 35.9 +0.6
SWS	Schriesheim	46.01 307	eP	P	01 55 35.3 -0.1
LBG	Lerchenberg	46.07 306	eP	P	01 55 36.0 +0.1
LBG	Lerchenberg	46.07 306	eP	P	01 55 36.1 +0.2
SISB	Singen-Sch Ber	46.11 304	P	P	01 55 37.2 +1.0
RSDM		46.12 300	P	P	01 55 36.8 +0.5
WEIN	Weingarten	46.12 304	P	P	01 55 35.5 -0.8
SPAK	Spaichingen	46.16 305	eP	P	01 55 36.5 -0.1
SPAK	Spaichingen	46.16 305	eP	P	01 55 36.3 -0.3
STEIN	Stein am Rhein	46.17 304	P	P	01 55 36.1 -0.6
WILA	Wila	46.19 304	P	P	01 55 36.9 0.0
MOL	Moide	46.20 325	P	P	01 55 38.8 +2.1
MOL	Moide	46.20 325	P	P	01 55 44.3
MOL	Moide	46.20 325	P	P	01 55 38.8 +2.1
LLS	Linth-Limmern	46.22 303	P	P	01 55 36.4 -0.7
BOB	Bobbio (Coli)	46.32 300	P	P	01 55 39.0 +1.1
MUGIO	Muggio	46.37 302	P	P	01 55 36.9 -1.4
SLE	Schleiheim	46.41 304	P	P	01 55 38.0 -0.5
ZUR	Zurich	46.42 304	P	P	01 55 39.5 +0.9
BFO	Black Forest	46.42 305	eP	P	01 55 38.2 -0.5
BFO	Black Forest	46.42 305	eP	P	01 55 38.2 -0.5
KTD	Kalmit	46.43 307	eP	P	01 55 39.5 +0.8
KTD	Kalmit	46.43 307	eP	P	01 55 40.2 +1.5
MUO	Muotathal	46.45 303	P	P	01 55 38.4 -0.5
FUSIO	Fusio	46.53 303	P	P	01 55 38.8 -0.7
VLA	Vladivostok	46.55 62	P	sP	01 55 39.0 -0.7
VLA					01 57 25.0 -3.3
VLA					02 02 11.0 -0.5
VLA					02 05 10.0 +0.2
CALN	Calern	48.34 299	eP	pP	01 56 37.3 -0.9
GIVF	Givet	48.40 308	eP	P	01 55 54.1 +0.2
MEZF	Mezieres J'vi	48.54 306	eP	P	01 55 55.2 +0.2
FRB	Font Royal	48.56 299	eP	P	01 55 54.7 -0.5
KMB	Kilima Mbogo	48.63 227	P	P	01 55 57.4 +1.0
KMB	Kilima Mbogo	48.63 227	P	P	01 55 57.2 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 56 00.1
KBS	Kingsbay	48.65 347	P	P	01 56 40.6 -0.4
KBS	Kingsbay	48.65 347	P	P	01 56 45.2 -2.1
KBS	Kingsbay	48.65 347	P	P	02 02 42.1 +1.6
KBS	Kingsbay	48.65 347	P	P	02 06 14.8 +4.4
KBS	Kingsbay	48.65 347	P	P	02 07 34.4
KBS	Kingsbay	48.65 347	P	P	01 55 56.4 +0.8
KBS	Kingsbay	48.65 347	P	P	01 56 11.2 +0.2
KBS	Kingsbay	48.65 347	P	P	01 58 54.0
KBS	Kingsbay	48.65 347	P	P	02 03 00.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.3 +0.8
KBS	Kingsbay	48.65 347	P	P	01 56 41.1 +0.1
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
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KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
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KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
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KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
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KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
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KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +0.6
KBS	Kingsbay	48.65 347	P	P	01 55 55.4 -1.5
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KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
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KBS	Kingsbay	48.65 347	P	P	01 55 57.2 +0.3
KBS	Kingsbay	48.65 347	P	P	01 55 57.4 +1.0
KBS	Kingsbay	48.65 347	P	P	01 55 56.0 +0.5
KBS	Kingsbay	48.65 347	P	P	01 55 56.2 +

10d 4h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL La Plagne, CDF Champ du Feu, LOMF Lomont, etc.

2004 AUG

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MDJ, MDJ, MDJ, etc. and various event reports like NEIC 10 03:06, NEIC 10 03:14, etc.

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Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES, WRA, DJA, etc. and various event reports like NEIC 10 04:03, NEIC 10 04:03, etc.

WEL 10 05:30:01.9, 3.36, 20S-177.91E, h199km, 3km, ML4.2/2, Error ellipse: s-maj=5.2km s-min=3.2km az=90.0, Off east coast of North Island

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

NDI 10 05:31:53.8, 2.5, 34.08N, 72.27E, h28km, 287km, ML4.1, mb4.2(NEIC), Fault plane solution: NPT=20°, 84°, λ90°.

BJI 10 05:31:55.7, 3.36, 20S-177.91E, h164km, ML4.0, IDC 10 05:31:55.6, 3.9, 33.84N, 72.78E, h16km, 5km, mb3.9/5, mb1 3.97, mb1mx3.8/20, ML4.0/2, Error ellipse: s-maj=76.4km s-min=39.7km az=170.0

NEIC 10 05:31:59.1, 2.5, 33.96N, 72.84E, h35km, mb4.2/4, Error ellipse: s-maj=44.9km s-min=18.6km az=146.0

NNC 10 05:32:06.3, 7.0, 34.23N, 71.85E, h78km, 55km, mpv4.7, Error ellipse: s-maj=74.0km s-min=38.4km az=49.0

ISC 10 05:31:54.2, 0.5, 33.87N, 0.04, 72.55E, 0.07, h14km, h1km, 9km, pP-P, n48°, e19, 20, 63, mb3.9/5, 7C-2D, Pakistan

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Cherat, Chirah Chowk, Dhahouise, etc.

2004 AUG

BJI 10 05:36:26.5, 17.40N, 83.40W, h2km, mb4.4, Ms4.9, Msz4.6, IDC 10 05:36:26.0, 7.1, 45N, 83.33W, mb4.0/19, mb1 4.2/20, mb1mx4.1/25, ML4.0/1, Error ellipse: s-maj=23.3km s-min=14.4km az=57.0

NEIC 10 05:36:26.5, 2.7, 17.41N, 83.41W, h2km, 17km, mb4.4/34, Error ellipse: s-maj=7.9km s-min=5.8km az=74.0

ISC 10 05:36:26.1, 0.4, 17.47N, 0.05, 83.32W, 0.05, h10km, n106, e1500/103, mb4.2/41, MS4.6/1, 2C, North of Honduras

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Soroa, Tepich, Tegucigalpa, etc.

10d 5h

comp=N, 3.6m, 0.8s, mb4.2, baz=213, slow=9.6, SNR=3.7

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Schochefferville, HCHM, etc.

BJI 10 05:37:04.4, 2.99S, 150.47E, h16km, mb5.4, mb5.1, Ms5.1

Table with columns: YER, Yerkesik, 82.27 312 eP, P, 06 25 48.1 +0.6, etc. Includes entries for KNT, SOH, OUY, VAW, etc.

Table with columns: ZUR, Zurich, 83.90 330 fP, P, 06 25 55.5 +0.1, etc. Includes entries for BRMO, HLG, SZL, Gray Hill, etc.

Table with columns: CPl2, Carpieno, 86.16 323 eP, P, 06 26 07.6 +0.8, etc. Includes entries for GENL, PQR, RSP, SMF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Reno Superiore, Negi, Imperia, Finale Ligure, Ceresele Reale, La Foret Royal, etc.

10d 07:44:55.6-7.2, 18.63Sx178.07W, mb3.5/3, mb1 3.8/3, mb1mx3.5/15, Error ellipse: s-maj=309.0km s-min=39.0km az=143.0, Fiji Islands region

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

JMA 10 08:15:59.3-0.4, 47.79N; 147.54E, h491km, M3.3
10 08:16:00.7-4.3, 48.24N; 146.25E, h490km, 5.3km, mb2.7/9, mb1 3.1/10, mb1mx3.0/22, Error ellipse: s-maj=25.4km s-min=15.0km az=139.0

NEIC 10 08:16:01.4-0.9, 48.33N; 146.10E, h500km, 1.2km, mb3.9/3, Error ellipse: s-maj=21.7km s-min=13.1km az=144.0

ISC 10 08:15:59.0-0.8, 48.11N; 0.1x146.2E; 0.2, h483km, 1.1km, n24, c129/26, mb3.2/10, Sea of Okhotsk

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yuzh-Sakhalins, Keihoku, Abashiri-Toko, Nemuro 2, Akkhesi, Churui, Urakawa-nobuka, Nango, Mudanjiang, etc.

BUI 10 08:17:44.4, 39.40N; 42.94E, h41km, mb4.4, mb4.9, Ms4.1, Ms2.4

TIF 10 08:17:45.5, 39.72N; 44.35E, h3km, Mpv5.3
ISC 10 08:17:46.9, 39.65N; 43.82E, h5km, MD4.0

ISC 10 08:17:46.7-1.9, 39.83N; 43.99E, mb3.9/12, mb1 4.0/13, mb1mx3.9/20, ML3.6/11, MS3.6/4, Ms1 3.6/4, ms1mx3.1/22, Error ellipse: s-maj=37.6km s-min=8.4km az=170.0

MOS 10 08:17:47.2-1.7, 39.85N; 43.96E, h10km, mb4.0/6, Error ellipse: s-maj=14.0km s-min=7.7km az=108.0

NEIC 10 08:17:48.4-1.1, 39.80N; 43.93E, h10km, mb4.4/5, Error ellipse: s-maj=22.9km s-min=7.8km az=171.0

ISC 10 08:17:48.0-0.3, 43.91E; 0.0, h5km, n84, c140/102, mb3.9/17, MS3.5/4, 7D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yerevan, Agri, Garni, GNI, GNV, Van, Stepanavan, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BINGOL, ZEITSEY, ERZINCAN, MALATYA, SOCHI, etc.

comp=Z,1.6nm,0.6s,mb4.3,baz=90,slow=2.0,SNR=3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AREQUIPA, LA PAZ, LIMO VERDE, ANTOFAGASTA, CERRO PARANAL, NANA, etc.

ISC 10 08:41:20.8-0.8, 0.86N; 78.97E, mb4.0/11, mb1 4.2/13, mb1mx4.1/21, ML4.1/2, MS3.4/1, Ms1 3.5/1, ms1mx2.9/21, Error ellipse: s-maj=19.1km s-min=15.4km az=65.0

BUI 10 08:41:21.8, 0.86N; 78.87E, h34km, mb4.6, mb4.4, ML4.5, Ms3.7

MOS 10 08:41:24.0-0.9, 0.88N; 78.98E, h33km, mb4.2/10, Error ellipse: s-maj=22.4km s-min=8.8km az=110.7

NEIC 10 08:41:27.7-1.7, 0.96N; 79.00E, h49km, 14km, mb4.2/3, Error ellipse: s-maj=19.1km s-min=9.9km az=211.0

NINC 10 08:41:28.4-1.7, 1.45N; 79.08E, mvp4.1, Error ellipse: s-maj=18.9km s-min=5.2km az=149.0

ISC 10 08:41:24.9-0.5, 0.45N; 0.02, 79.0E; 0.05, h64km, 7km, n80, c129/95, mb3.9/12, 4C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULHOL, ALMA-ATA, KYZARD, etc.

AJM	comp=Z,9.0nm,0.9s	26.02 275	i/P	P	10 31 47.0	-1.7
AJMR	comp=Z,4.1nm,0.9s,mb5.0	26.18 305	eP	P	10 31 51.2	+1.2
KSH	Kashi	26.18 305	eP	P	10 31 57.2	+4.3
KSH			eAP	pP	10 32 00.0	+5.7
KSH			eXP	sP	10 35 14.0	-3.7
KSH			ePCP	PcP	10 36 21.3	+1.7
KSH			eS	S	10 36 30.1	
KSH			eXS	S	10 36 39.3	
KSH			ePES	S	10 38 52.1	
KSH			eSCP	S	10 38 53.0	
KSH			ePCS	S		
KSH			ePES	S		
KSH			ePES	S		
KSH			ePES	S		
KSH			ePES	S		
CUD	comp=Z,580nm,5.7s	26.57 247	eP	P	10 31 52.1	-1.7
CUD	Cuddapah	26.57 247	eS	S	10 36 32.9	+6.6
CUD			e	P	10 40 22.8	
LATR	Latur	26.57 256	i/P	P	10 31 53.0	-0.8
MDJ	Mudanjiang	26.97 43	P	P	10 31 57.3	0.0
MDJ			AP	pP	10 32 00.2	0.0
MDJ			XP	sP	10 32 01.6	+0.1
MDJ			PCP	PcP	10 35 18.8	-0.7
MDJ			S	S	10 36 33.5	+0.8
MDJ			XS	S	10 36 38.9	
MDJ			SCP	S	10 36 59.5	
MDJ			PCS	S	10 39 01.3	
MDJ			SCS	S	10 42 51.0	+3.0
MDJ			AMB	AMB		
MDJ	comp=Z,13nm,1.1s,mb4.4			AMB	AMB	
MDJ	comp=Z,117nm,4.9s			LR	LR	
MDJ	comp=N,7.1um,15.4s,MS5.4			LR	LR	
MDJ	comp=E,5.1um,14.9s,MS5.4			LR	LR	
MDJ	comp=Z,5.1um,15.4s,MS5.2			LR	LR	
MDJ	Mudanjiang	26.97 43	eP	P	10 31 55.6	-1.7
MDJ			LR	LR		
AAA	comp=Z,5.1um,21.0s,MS5.0	27.00 313	eP	P	10 32 01.0	+3.4
ULHL	Alma-Ata	27.02 311	P	P	10 31 59.6	+1.9
ULHL	SNR=12					
KZA	Kyzart	27.62 310	P	P	10 32 05.5	+2.3
KZA	SNR=25					
UCH	Uchtor	28.18 310	P	P	10 32 10.5	+2.2
FRU	Bishkek	28.35 311	eP	P	10 32 11.0	+1.2
FRU			pmax	pmax		
FRU	comp=Z,80nm,1.9s,mb5.0			MLR	MLR	
FRU	comp=E,4um,13.0s			MLR	MLR	
FRU	comp=Z,2um,13.0s,MS5.0			MLR	MLR	
AAK	Ala-Archa	28.36 310	P	P	10 32 11.7	+1.8
USP	Ospenovka	28.61 312	P	P	10 32 13.2	+1.0
USP	SNR=22					
AML	Almayashu	28.71 309	P	P	10 32 14.6	+1.5
EKSZ	Erkin-Say	28.86 310	P	P	10 32 13.8	-0.6
EKSZ	SNR=23					
PALK	Pallekele	29.58 232	eP	P	10 32 19.5	-1.6
PALK	comp=Z,2.1nm,0.9s,mb4.9					
KURK	Kurchatov	30.29 328	P	P	10 32 25.3	-1.8
KURK			pmax	pmax		
KURK	comp=Z,1.7nm,1.0s,mb4.7					
KURK	Kurchatov	30.29 328	eP	P	10 32 24.6	-2.5
KURK	comp=Z,1.5nm,0.6s,mb4.4					
MAJO	Matsushiro	30.51 64	eP	P	10 32 27.2	-1.9
MAJO	comp=Z,7.0nm,0.8s,mb5.1			LR	LR	
MAT	Matsushiro	30.51 64	P	P	10 32 28.0	-1.2
MAT			S	S	10 37 18.0	-1.1
MAT	Matsushiro	30.51 64	eP	P	10 32 28.0	-1.2
MAT	comp=Z,7.5nm,0.8s,mb4.6					
MAT			eS	S	10 37 19.0	-1.0
MAT			LR	LR		
KLR	comp=Z,4um,20.0s,MS5.1					
KLR	Kul'dur	30.75 37	eP	P	10 32 30.8	-0.4
KLR			eS	S	10 37 28.5	-4.5
KLR			e	P	10 39 34.0	
KLR			MLR	MLR		
KLR	comp=E,4um,11.0s			MLR	MLR	
KKAR	Karatay Array	31.25 309	eP	P	10 32 33.3	-2.4
KKAR			pmax	pmax		
BOD	Bodaibo	31.41 10	eP	P	10 32 36.4	-0.5
NVS	Novosibirsk	31.42 337	eP	P	10 32 36.9	-0.1
NVS			pmax	pmax		
NVS	comp=N,36nm,1.8s			pmax	pmax	
NVS	comp=E,31nm,1.8s			pmax	pmax	
NVS	comp=Z,63nm,1.8s,mb5.1			pmax	pmax	
JHJ	Hachio jima	31.54 70	LR	LR	10 45 08.2	
JHJ	comp=Z,3um,20.4s,MS5.0,baz=307,slow=36					
CLNS	Chul'man	33.19 21	eP	P	10 32 52.8	+0.4
CLNS			eS	S	10 37 58.1	-1.3
CLNS			pmax	pmax		
CLNS	comp=N,23nm,0.7s			pmax	pmax	
CLNS	comp=Z,30nm,0.7s,mb5.3			pmax	pmax	
CLNS	comp=E,11nm,0.8s			pmax	pmax	
CLNS	comp=Z,9.0nm,1.1s,mb4.6			pmax	pmax	
CLNS	comp=N,10.0nm,0.9s			pmax	pmax	
CLNS	comp=E,7.0nm,0.9s			smax	smax	
CLNS	comp=E,11nm,1.0s			smax	smax	
CLNS	comp=Z,7.0nm,0.8s			smax	smax	
CLNS	comp=N,15nm,0.9s			MLR	MLR	
CLNS	comp=N,6um,12.0s,MS5.5			MLR	MLR	
CLNS	comp=Z,7um,12.0s,MS5.6			MLR	MLR	
CLNS	comp=E,400nm,11.0s,MS5.5			LR	LR	
CBUJ	Chichi jima	34.05 81	LR	LR	10 45 30.4	
CBUJ	comp=Z,2um,20.6s,MS4.8,baz=165,slow=34					
VOSK	Vostochnaya	35.29 325	P	P	10 33 09.3	-1.3
VOSK			pmax	pmax		
VOSK	comp=Z,9.0nm,0.8s,mb4.8			pmax	pmax	
ASAJ	Asahikawa	35.34 51	P	P	10 33 11.2	+0.1
ASAJ	comp=Z,37nm,1.1s,mb5.2,baz=118,slow=4.9,SNR=8.4			LR	LR	
ASAJ	comp=Z,2um,19.5s,MS4.9,baz=21,slow=37					
ASAJ	Asahikawa	35.34 51	P	P	10 33 11.3	+0.2
ASAJ			pmax	pmax		
ASAJ	comp=Z,37nm,1.1s			MLR	MLR	
ASAJ	comp=Z,2um,19.5s			MLR	MLR	
BVAO	Borovoye Array	35.75 325	P	P	10 33 13.7	-0.8
BVAR	Borovoye Array	35.75 325	P	P	10 33 15.2	+0.7
BVAR	comp=Z,6.2nm,0.6s,mb4.8,baz=108,slow=9.4,SNR=23			PcP	PcP	
BVAR	comp=Z,2.7nm,0.5s,baz=146,slow=5.2,SNR=4.2			ScP	ScP	
BVAR	comp=Z,3.2nm,0.8s,baz=135,slow=4.2,SNR=7.4			P	P	
BRVK	Borovoye	35.82 325	eP	P	10 33 12.9	-2.3
BRVK	comp=Z,20nm,0.7s,mb5.1					
YSS	Yuzh-Sakhalins	36.29 47	eP	P	10 33 18.9	-0.2
YSS			eS	S	10 38 57.0	-2.1
YSS			eSSS	SSS	10 41 45.0	-7.1
YSS			MLR	MLR		
YSS	comp=Z,4um,14.0s,MS5.4			MLR	MLR	
YSS	comp=N,4um,13.0s,MS5.4			MLR	MLR	
YSS	comp=E,2um,14.0s,MS5.4			MLR	MLR	
YSS	Yuzh-Sakhalins	36.29 47	PFAKE	LR	10 33 30.0	+1.1
ZRNC	Zerenda	36.42 324	P	P	10 33 19.8	-0.4
ZRNC			pmax	pmax		
ZRNC	comp=Z,7.0nm,0.8s,mb4.6					

ZRNC	Zerenda	36.42 324	eP	P	10 33 19.3	-0.8
ZRNC			eP	P	10 33 39.9	-0.3
YAK	Yakutsk	38.82 19	eP	P	10 33 50.6	+7.4
YAK			ePP	pP	10 35 08.7	
YAK			e	S	10 35 50.5	
YAK			eS	S	10 39 35.5	-2.0
YAK			eSS	SS	10 42 20.6	+0.9
YAK			e	S	10 43 44.9	
YAK	comp=N,6.0nm,0.8s			pmax	pmax	
YAK	comp=Z,47nm,0.8s,mb5.3			pmax	pmax	
YAK	comp=E,9.0nm,1.0s			pmax	pmax	
YAK	comp=Z,3.0nm,1.1s,mb3.9			pmax	pmax	
YAK	comp=N,6.0nm,0.8s			pmax	pmax	
YAK	comp=E,6.0nm,1.0s			smax	smax	
YAK	comp=N,7.0nm,1.2s			smax	smax	
YAK	comp=N,7.0nm,1.3s			MLR	MLR	
YAK	comp=N,2um,12.0s,MS5.1			MLR	MLR	
YAK	comp=Z,2um,12.0s,MS5.2			MLR	MLR	
YAK	comp=E,848nm,10.0s,MS5.1			MLR	MLR	
YAK	Yakutsk	38.82 19	eP	P	10 33 37.3	-2.9
YAK	comp=E,99nm,0.7s,mb5.7			LR	LR	
YAK	comp=Z,3um,20.0s,MS5.1					
AB31	Akbulak array	40.15 315	i/P	P	10 33 50.1	-1.3
AB31			pmax	pmax		
ARU	Arti	43.40 325	i/P	P	10 34 17.4	-0.4
ARU			e	P	10 36 01.2	
ARU			e	P	10 36 09.5	
ARU			eS	S	10 40 37.6	-7.8
ARU			eSS	SS	10 43 46.1	-6.3
ARU			e	S	10 44 15.6	
ARU	comp=Z,67nm,1.1s,mb5.3			pmax	pmax	
ARU	comp=Z,1um,16.0s,MS4.8			MLR	MLR	
ARU	comp=E,1um,16.5s			MLR	MLR	
ARU	Arti	43.40 325	eP	P	10 34 17.2	-0.6
ARU	comp=E,61nm,1.0s,mb5.3			LR	LR	
ARU	comp=Z,327nm,20.0s,MS4.2			LR	LR	
MA2	Magadan	45.48 31	eP	P	10 34 34.9	+0.3
MA2			eS	S	10 41 05.7	-1.0
MA2	comp=Z,10.0nm,0.9s,mb4.7			pmax	pmax	
MA2	comp=N,4.0nm,1.1s			pmax	pmax	
MA2	comp=E,5.0nm,0.8s			pmax	pmax	
MA2	comp=Z,900nm,18.0s,MS4.8			MLR	MLR	
SOKR	Solikamsk	45.52 329	i/P	P	10 34 34.8	-0.1
SOKR			pmax	pmax		
SOKR	comp=Z,40nm,0.9s,mb5.3			MLR	MLR	
SOKR	comp=Z,1um,20.0s,MS4.9			MLR	MLR	
TIXI	Tiksi	46.59 11	PFAKE	LR	10 34 50.0	+6.8
TIXI			LR	LR		
PET	Petropavlovsk	47.74 42	eP	P	10 34 52.7	+0.2
PET			e	P	10 41 58.8	
PET	comp=Z,28nm,1.0s,mb5.2			pmax	pmax	
PET	comp=Z,100nm,18.2s			pmax	pmax	
PET	comp=Z,3um,20.0s,MS5.3			MLR	MLR	
PET	Petropavlovsk	47.74 42	PFAKE	LR	10 35 00.0	+7.5
PET			LR	LR		
KAKA	Kakadu	48.42 141	eP	P	10 34 58.4	+0.1
KAKA	comp=Z,13nm,0.6s,mb5.2			P	P	
FITZ	Fitzroy Crossi	49.78 152	eP	P	10 35 07.9	-0.8
FITZ	comp=Z,10nm,0.8s,mb4.9			P	P	
FITZ	Fitzroy Crossi	49.78 152	P	P	10 35 07.9	-0.8
FITZ	comp=Z,14nm,0.8s,mb5.1,baz=349,slow=9.5,SNR=9.1			LR	LR	
FITZ	comp=Z,326nm,21.1s,MS4.3,baz=317,slow=37			LR	LR	
GNI	Garni	49.98 301	P	P	10 35 11.3	+1.3
GNI	comp=Z,5.8nm,0.5s,mb4.9,baz=147,slow=15,SNR=10			LR	LR	
GNI	comp=Z,776nm,18.8s,MS4.7,baz=82,slow=41			LR	LR	
GNI	Garni	49.98 301	P	P	10 35 11.3	+1.3
GNI			pmax	pmax		
GNI	comp=Z,6.0nm,0.5s			MLR	MLR	
GNI	comp=Z,777nm,18.8s			MLR	MLR	
GNI	Garni	49.98 301	P	P	10 35 11.3	+1.3
GNI			LR	LR	10 10 24.4	
GOF	Gofitskoye	51.02 307	i/P	P	10 35 19.0	+1.2
GOF			pmax	pmax		
ERZM	Erzurum	52.59 301	i/P	P	10 35 31.6	+1.8
SOC	Sochi	53.47 306	eP	P	10 35 36.2	0.0
SOC			eS	S	10 43 04.1	-3.0
SOC			eSSS	SSS	10 48 34.4	-2.3
SOC	comp=Z,47nm,1.4s,mb5.2			pmax	pmax	
SOC	comp=N,12nm,0.8s			pmax	pmax	
SOC	comp=E,14nm,1.1s			MLR	MLR	
SOC	comp=Z,2um,17.0s,MS5.2			MLR	MLR	
SOC	comp=N,2um,18.0s,MS5.2			MLR	MLR	

10d 10h

Table with columns for call sign, frequency, mode, and other details. Includes entries for KSP, DPC, VRAC, STKA, KONO, PRU, ARSA, GEC2, GERES, BOJS, IMA, BSEIG, WET, MOX, VOY, ROB, TIP, GRA1, GRF, TDS, JMIC, SVW, FVI, SGO, WATA, CII, SQA, MOTA, TERO, ARV, MTG, FSSB, AOU, PTOR, STU, RSO, SPS, MMS, SFI, COLA, BRMO, DAVA, PGD, VMG, DAVOX, KTD, SPAK, ZCCA, ILAR, ILAR.

2004 AUG

Table with columns for call sign, frequency, mode, and other details. Includes entries for ILAR, CSNT, BFO, BFO, GSC, LANF, RUM, PMP, SLKM, WLS, KDAA, CDF, BOB, VAI, HINF, MCGN, HAU, HAU, GIVF, THEF, MBAR, BAIF, PGF, MEZF, IMI, CABF, LPG, LPL, SAOF, INK, AUTN, SBF, BNI, AURF, TOUF, MBDP, MVIF, ORIF, DAWY, FRF, LMR, LOR, LOR, TAVF, EKA, EKA, ESK, ESK, SMF, SSF, SMRF, SUMG, PUYF, AVF, VIVF, PLDF, BGF, PYM, LBL, LASF, LDF, FLN, FLN, CAF, GRR, RJF, RJF, MFF, MTLF, LFF, SGFM, ROSF, QUIF, ETSF, SJPF, SIT, DLBC, LSZ, LSZ, YKWS, ESDC, ESDC, ESDC, YKA, YKA, OCWA, OCWA, GNW, NLF, FFC, FFC, DNW, DNW, NEWP, NEWP, NEWP, NEWP.

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Table with columns for call sign, frequency, mode, and other details. Includes entries for COR, HAWA, SCHG, SCHG, MSO, MSO, YBH, YBH, MAW, MAW, MAW, MAW, WDC, WDC, MOD, MOD, WVOR, WVOR, DGMT, DGMT, BOZ, BOZ, MCMT, HOPS, HOPS, ULM, ULM, HLID, HLID, LAO, LAO, CMB, CMB, AHD, AHD, DBIC, DBIC, NVAR, NVAR, MNV, MNV, BW06, BW06, PDAR, PDAR, HWUT, HWUT, TPH, TPH, DUG, DUG, DAC, DAC, PQI, PQI, MVU, MVU, ISCO, ISCO, PFO, PFO, JFWS, JFWS, NCB, NCB, SDCC, SDCC, VNDA, VNDA, HRV, HRV, WES, WES, CBKS, CBKS, ERPA, ERPA, ANMO, ANMO, TUC, TUC, PPT, PPT, SSSA, SSSA, ACCO, ACCO, MCWV, MCWV, CCM, CCM, TBI, TBI, TBI, WMOK, WMOK, CBN, CBN, GDL2, GDL2, BLA, BLA, MIAR, MIAR, GSPA, GSPA, OXF, OXF, MYNC, MYNC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Borovoye Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kurravaara, Nikkaluokta, Kilpisjarvi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mount Wilson, Beckworth, Pinyon Flat Ob, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Paso Flores, Ushuaia, Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vila Flaviola, South Pole Arr, El Rosal, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mangatainoka R, Kapiti Island, Mount Morrison, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makara Radio, Wellington, Moikua Station, etc.

NAO 10 13:49:34.8±5.7, 67.58N±20.59E, ML2.2
HEL 10 13:49:35.0±7.2, 67.86N±20.07E, ML1.7, ML1.9(UPP), ML1.6(BEAT). Explosion
BER 10 13:49:37.5±6.1, 67.75N±20.26E, ML1.6, ML2.2(NAO), Suspected explosion
ISC 10 13:49:34.6±0.6, 67.83N±0.03±20.11E±0.08, n14, c089/822, Sweden

NEIC 10 14:17:18.0, 37.45N-117.08W, h6km, ML3.5(REN), 1C, After 11:04:10.4, 37.45S-176.17E, h176km, ML3.9/3, 1C, Error ellipse: s-maj=8.0km s-min=6.8km az=90.0

NEIC 10 15:12:44.1±1.0, 35.29S±105.77W, mb3.9/7, mb1 4.3/7, mb1mx4.1/17, MS4.1/19, MS1 4.1/19, ms1mx4.0/29, Error ellipse: s-maj=33.2km s-min=22.8km az=17.0
NEIC 10 15:12:45.0±0.6, 35.27S±105.80W, h10km, mb4.7/3, Error ellipse: s-maj=23.0km s-min=15.2km az=68.0
ISC 10 15:12:43.2±0.7, 35.45S±110.59W±0.2, h10km, n38, c112/19, mb4.1/0, MS4.2/19, 3C, Southern East Pacific Rise

IDC 10 15:16:32.3,2.9,9.73N-73.42W, h54km,26km,mb4.0/23, mb1.4/22,mb1mx4.2/30,ML3.8/2,MS3.6/2,Ms1.3/6/2, ms1mx3.1/26, Error ellipse: s-maj=17.0km s-min=12.4km az=63.0

NEIC 10 15:16:33.5,0.8,9.65N-73.40W, h68km,8km,mb4.6/17, Error ellipse: s-maj=7.4km s-min=6.2km az=47.0

ISC 10 15:16:29.2,0.9,9.80N,0.04,73.46W,0.05,h41km,8km, m68,+1905/67,mb4.4/36,MS3.9/1,7C,Northern Colombia

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

NEIC 10 15:38:41.5-0.6,37.96N,0.65W,h7km, MN2.5(MDD), After MDD

NEIC Felt [||||] at Guadaramaja and Torrevieja; [||] at Benjofar, San Miguel de Salinas and Santa Pola; [I] at Pilar de la Horadada and Rojales.

MDD 10 15:38:41.5-0.6,37.96N,0.65W,h7km,2km,mbLg2.5/16, 1C-2D, Error ellipse: s-maj=6.8km s-min=2.7km

az=136.0, PRXIMO II FAR SANTA POLA SAN MIGUEL DE LAS SALINAS I ROJALES PILAR DE LA HORADADA, Spain

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations in the PRXIMO II area.

IDC 10 15:40:36.1-10.0, 4.71S,153.20E, h156km,65km,mb3.2/3, mb1.3/34,mb1mx3.1/14,MS3.4/2,Ms1.3/4,2,ms1mx3.1/9, Error ellipse: s-maj=98.4km s-min=78.7km az=178.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations in the New Ireland region.

IGIL 10 16:22:12.4, 36.80N,7.20W, h21km, ML3.7 INMG 10 16:22:13.8,1.0,36.75N,7.14W, h21km,4km,ML3.1, Error ellipse: s-maj=5.2km s-min=2.0km az=46.0

LDG 10 16:22:14.4,0.2,36.88N,7.02W, h10km, M3.7/4, Error ellipse: s-maj=4.0km s-min=2.0km az=24.0

NEIC 10 16:22:14.0, 36.79N,7.12W, h58km, MG4.0(MDD), After MDD

MDD 10 16:22:14.3-0.8,36.79N,7.08W, h29km,8km,mb4.3/25, SD, Error ellipse: s-maj=9.0km s-min=3.3km az=34.0, PRXIMO, Strait of Gibraltar

Large table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists a wide range of seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESAC San Caprasio, EALC Alkuruntz, ETSF Etsaut, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, BBJ Bamboo Saint A, BNJ Bonny Gate, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, BSWO Boulder Array, IBCO Idaho Springs, etc.

MEX 10 16:41:09.6-0.7, 17.96N-98.73W, h52km, 34km, MD3.5, 1C, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YAIG Yautepac, YAIG Yautepac, PPM Pococatepeti, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.60N-162.39E, h7km, 4km, ML4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, MKZ Mys Kozlova, SPN Mys Shipunski, etc.

LDG 10 18:09:50.0-0.1, 47.92N-6.49E, h19km, Md2.0/2, M1.2/1.6, Error ellipse: s-maj=1.4km s-min=1.2km az=169.0

STR 10 18:09:51.1-0.1, 47.92N-6.51E, h10km, 1km, M1.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HAU Haudompre, HIN Hinterfall, HIN HINTERFALL, etc.

MOS 10 16:51:58.4-0.6, 55.61N-162.59E, h77km, mb4.2/1, Error ellipse: s-maj=32.2km s-min=12.9km az=71.1

KRSC 10 16:51:59.6-0.7, 55.60N-162.39E, h7km, 4km, ML4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOF Molenkain, MOF Molenkain, MOF They Montfort, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WLS Welschbruch, WLS Welschbruch, RFYF Refroy, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEZF Meitzers J'vi, MEZF Meitzers J'vi, CABF La Chapelle, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MZX Matakaoa Point, MZX Matakaoa Point, MZX Matakaoa Point, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

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

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

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

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

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.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIRR Tsirk, CIRR Tsirk, LGNR Loginova, etc.

MOS 10 17:29:15.9-0.6, 53.81N-161.64E, h11km, mb4.2/1, Error ellipse: s-maj=22.2km s-min=11.8km az=76.1

KRSC 10 16:51:59.6-0.7, 55.61N-162.42E, 0.05, h7km, 9km, n35, <0.90/67, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KII Karymskiy, KII Karymskiy, NLC Nalytchevo, etc.

IDC 10 18:12:50.6-7.5, 31.97S-179.24E, h311km, 114km, mb3.4/4, mb1 3.5/5, mb1mx3.0/14, Error ellipse: s-maj=20.0km s-min=70.9km az=104.0

NEIC 10 18:12:54.7-3.0, 32.52S-179.42E, h382km, 16km, mb3.7/3, Error ellipse: s-maj=54.5km s-min=20.4km az=63.0

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.

10d 19:10:17.0, 7.0, 6.2, 30S, 14.02E, mb4.5/13, mb1 4.6/13, mb1mx4.5/16, MS4.6/17, MS1 4.6/17, ms1mx4.5/21, Error ellipse: s-maj=23.8km s-min=16.9km az=43.0
 HRVD 19:10:19.5, 0.2, 52.35S, 14.11E, h10km, MW5.2/60, Centroid moment Tensor Solution: LP body waves: s3c2, c49; Mantle waves: s60, c103; Half duration: 0
 Moment tensor: Scale 10¹⁶Nm; M=6.1±1.4; M₁₁=0.49±0.14; M₂₂=0.24±0.37; M₃₃=1.12±1.3; M₁₂=0.74±0.42; Best double couple: M₆₆=4.9×10¹⁶ Npm; $\epsilon_1=92^\circ, \delta_1=7^\circ, \epsilon_2=100^\circ, \delta_2=286^\circ, \epsilon_3=7^\circ, \delta_3=80^\circ$; Principal axes: T=6.77, P=2.77, N=5.57; Azm₁=N-57, Pz₁=Azm₂=P-6.21, Pz₃=Azm₃=N-57; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
 BUJ 19:10:19.4, 52.50S, 13.70E, h10km, mb5.2, Ms5.0, Msz5.0

NEIC 10:19:10.5, 0.2, 52.50S, 13.70E, h10km, mb4.9/8, MS4.8/3, Error ellipse: s-maj=11.3km s-min=9.9km az=78.0

ISC 10:19:10.7, 9.0, 4.52, 48S, 0.06, 13.7E, 0.1, h10km, n72, s1909/42, mb4.6/15, MS4.6/18, 9C-6D, Southwest of Africa

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
CAIG	El Cayaco	1.35	348	Op	ISC	19 38 48	+1.3
CAIG	Zihuatanejo	0.17	301	iP	Pg	19 38 52	-0.3
ZILG	Zihuatanejo	0.13	301	iP	Pg	19 39 08	-1.7
ZILG	Yatepec	2.25	29	iP	Sb	19 39 25	-3.7
YAIG	Yatepec	2.25	29	iP	Sb	19 39 21.6	-2.5
YAIG	Popocatepetl	2.64	35	eP	Sn	19 39 49	-3.3
PPM	Popocatepetl	2.64	35	eP	Sn	19 39 25.0	-5.0
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00	-2.4
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00.3	-2.1
PPM	Popocatepetl	2.64	35	eP	Sn	19 39 25.0	-5.0
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00	-2.4
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00.2	-2.4
OXX	Oaxaca	3.36	86	eP	PX	19 39 40.0	0.2
SFJM	Santa Fe	4.45	324	eP	Pn	19 39 53.0	-2.7

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
YKA	comp=2.3, 7nm, 0.8s, baz=92, slow=2.2, SNR=18				PKPab	19 30 18.2	-2.1
YKA	comp=2.2, 9nm, 0.8s, baz=94, slow=2.3, SNR=12				PKPbc	19 30 10.7	+3.6
Yellowknife Ar	151.25 311				PKPbc	19 30 10.7	+3.6
YKA	Yellowknife Ar	151.25 311			PKPbc	19 30 10.7	+3.6
YKWS	Yellowknife Ar	151.25 311			ePKPbc	19 30 10.5	+3.5
BMW	Boisfort Moun	151.72 325			ePKPbc	19 30 14.4	+6.1
ILAR	Eielson Array	164.16 329			PKPab	19 31 14.6	-1.0

NEIC 10:19:38:46.4, 16.90N, 100.23W, h10km, MD3.7(MEX), After MEX.

MEX 10:19:38:46.5, 16.90N, 100.23W, h10km, MD3.8, 1D, Near coast of Guerrero

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
CAIG	El Cayaco	1.35	348	Op	ISC	19 38 48	+1.3
CAIG	Zihuatanejo	0.17	301	iP	Pg	19 38 52	-0.3
ZILG	Zihuatanejo	0.13	301	iP	Pg	19 39 08	-1.7
ZILG	Yatepec	2.25	29	iP	Sb	19 39 25	-3.7
YAIG	Yatepec	2.25	29	iP	Sb	19 39 21.6	-2.5
YAIG	Popocatepetl	2.64	35	eP	Sn	19 39 49	-3.3
PPM	Popocatepetl	2.64	35	eP	Sn	19 39 25.0	-5.0
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00	-2.4
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00.3	-2.1
PPM	Popocatepetl	2.64	35	eP	Sn	19 39 25.0	-5.0
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00	-2.4
PPM	Popocatepetl	2.64	35	eP	Sn	19 40 00.2	-2.4
OXX	Oaxaca	3.36	86	eP	PX	19 39 40.0	0.2
SFJM	Santa Fe	4.45	324	eP	Pn	19 39 53.0	-2.7

ISC 10:19:45:21.1, 13.0, 41.39S, 124.80E, mb3.6/1, mb1 3.8/4, mb1mx3.6/12, ML3.5/2, Error ellipse: s-maj=186.0km s-min=39.7km az=16.0, South of Australia

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
NWAO	Narrogin (SRO)	10.38	322	Pn	ISC	19 47 50.5	-3.7
NWAO	0.5nm, 0.3s, baz=140, slow=14, SNR=8				Sn	19 49 50.0	-2.5
STKA	Stevens Creek	16.46	50	eP	ISC	19 49 12.7	-2.3
ASAR	Alice Springs	19.24	26	P	ISC	19 49 48.6	-0.8
WRA	Warramunga Arr	22.86	24	P	ISC	19 50 25.4	-1.8

BUJ 10:19:58:53.7, 18.20S, 66.70W, h279km, mb4.9
 IDC 10:19:58:53.6, 0.7, 18.19S, 66.73W, h278km, 6km, mb3.9/14, mb1 4.1/18, mb1mx4.1/20, Error ellipse: s-maj=17.3km s-min=8.5km az=78.0

NEIC 10:19:58:53.7, 0.7, 18.17S, 66.74W, h280km, 7km, mb4.7/17, Error ellipse: s-maj=12.1km s-min=6.0km az=70.0

ISC 10:19:58:53.0, 5.18, 22S, 0.03, 66.79W, 0.07, h291km, 5km, mb2.18/17, mb4.4/23, SC-2D, Central Bolivia

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
LPAZ	La Paz	2.31	326	P	ISC	19 59 43.6	+1.4
LPAZ	261nm, 0.3s, baz=135, slow=6.4, SNR=4034				Op	19 59 43.6	+1.4
LPAZ	35nm, 0.3s, baz=342, slow=21, SNR=9.9				P	20 00 20.6	+0.3
LPAZ	La Paz	2.31	326	iP	P	19 59 43.5	+1.3
LVC	Limon Verde	4.80	204	P	ISC	20 00 09.3	+0.6
LVC	68nm, 0.3s, baz=10, slow=7.8, SNR=776				S	20 01 06.8	-0.9
LVC	97nm, 0.3s, baz=174, slow=20, SNR=29				P	20 00 09.0	+0.3
LVC	Limon Verde	4.80	204	eP	P	20 00 09.6	+0.7
ARE	Arequipa	4.82	291	iP	S	20 01 09.4	+1.4
ANCH	Antofagasta	6.40	211	eP	S	20 01 36.5	-5.5
ANCH	Cerro Paranal	7.21	207	eP	S	20 01 36.5	-5.5
CPNH	Copiapu	9.67	199	eP	S	20 01 56.2	-3.6
CPCH	Copiapu	9.67	199	eP	S	20 01 59.2	+0.9
NNA	Nana	11.51	301	eP	P	20 01 29.4	-1.7
CPUP	Villa Florida	11.91	134	P	ISC	20 01 35.6	-0.4
CPUP	9.9nm, 0.3s, baz=328, slow=11, SNR=47				P	20 01 35.3	-0.7
CPUP	Villa Florida	11.91	134	eP	P	20 01 43.0	+0.5
TLL	Tololo Astron	12.44	196	eP	P	20 03 55.8	-0.6
TLL	Mendoza	14.72	187	eP	P	20 02 10.8	+0.7
MDZ	Mendoza	14.72	187	eP	P	20 02 10.8	+0.7
FCH	Farellones	15.37	191	eP	P	20 05 04.4	+4.5
FCH	Farellones	15.37	191	eP	P	20 05 04.4	+4.5
BDFB	Brasilia	18.15	85	P	ISC	20 02 47.2	+0.2
BDFB	3.8nm, 0.3s, baz=270, slow=11, SNR=21				P	20 03 06.2	-1.2
TRQA	Torqu coast	20.21	169	eP	P	20 03 06.2	-1.2
OTAV	Otavalo	21.63	327	eP	P	20 03 21.6	+0.2
PLCA	Paso Flores	22.67	187	P	ISC	20 03 31.7	+0.5
PLCA	9.9nm, 0.7s, mb4.2, baz=90, slow=11, SNR=40				P	20 03 31.1	-0.1
PLCA	Paso Flores	22.67	187	eP	P	20 03 45.7	+0.8
ROSC	El Rosal	24.10	341	P	ISC	20 04 08.5	-4.5
SDV	Santo Domingo	27.20	352	eP	P	20 05 08.1	0.0
JTS	JuntasAbangare	33.52	326	P	ISC	20 07 47.8	-2.0
JTS	4.9nm, 0.5s, mb4.3, baz=150, slow=4.4, SNR=5.4				P	20 08 01.7	-2.1
JSC	Jenkinsville	53.95	345	P	ISC	20 08 06.9	-0.2
CPCT	Cooper Cave	56.36	343	P	ISC	20 08 07.7	-1.2
NATX	Nacogdoches	56.43	331	P	ISC	20 08 07.7	-1.2
ELN	Prospectdale	56.70	347	P	ISC	20 08 07.7	-1.2
PWT	Princeton	56.87	346	P	ISC	20 08 07.7	-1.2
JUN	Junction City	59.17	322	eP	P	20 08 25.8	-0.4
JUN	Lajitas	59.17	322	eP	P	20 08 25.8	-0.4
TXAR	Lajitas Array	59.17	322	eP	P	20 08 26.0	-0.2
TXAR	Lajitas Array	59.17	322	eP	P	20 08 26.0	-0.2
FVM	French Village	60.16	339	eP	P	20 08 32.9	-2.3
CCM	Cathedral Cave	60.51	338	eP	P	20 08 35.1	-1.3
BINY	Binghamton	60.71	352	eP	P	20 08 35.1	-1.3
WMOK	Wichita Mounta	60.81	330	eP	P	20 08 51.8	-1.4
VNA1	Neumayer-Stat	62.72	161	iP	P	20 08 56.2	+4.5
VNA2	Neumayer-Watz	63.09	161	iP	P	20 08 56.2	+4.5
SADO	Sadown	63.69	350	P	ISC	20 09 05.6	-2.2
BNN	Barren Site	64.43	324	P	ISC	20 09 05.6	-2.2
BNA	Sanae	64.73	162	iP	P	20 09 02.9	+0.7
SNA	Sanae	64.73	162	iP	P	20 09 02.9	+0.7
LAZ	Ladron	64.90	324	eP	P	20 09 04.3	+0.5
ANMO	Albuquerque	64.92	325	eP	P	20 09 04.3	+0.5
LIC	Lima	65.57	74	eP	P	20 09 11.0	+2.6
TIC	Tucson	65.74	74	eP	P	20 09 10.4	+0.9
KIC	Kosan Boka	65.89	74	eP	P	20 09 09.2	-1.2
DBIC	Dimboko	65.90	74	eP	P	20 09 08.5	-2.0
DBIC	2.2nm, 0.5s, mb4.1, baz=174, slow=10, SNR=13				P	20 09 14.4	+0.4
RDW	Red Sand Dun	66.51	327	eP	P	20 09 24.2	+0.8
SRU	Sanae	70.17	325	eP	P	20 09 37.3	+0.8
MSU	Marysval	70.62	324	eP	P	20 09 41.0	+1.5
DGSA	Dunedin Pole Out	71.96	180	eP	P	20 09 48.2	+1.7
QUSP	Queen Cove	72.19	325	eP	P	20 09 49.8	+1.2
BW06	Boulder Array	72.33	328	eP	P	20 09 49.5	+0.2
PDAR	Pinedale Array	72.33	328	eP	P	20 09 49.7	+0.4
SCHO	Schofield	72.75	360	P	ISC	20 09 50.2	-1.4
SCHO	Schefferville	72.75	360	P	ISC	20 09 50.2	-1.4
ULM	Lac du Bonnet	72.84	341	P	ISC	20 09 51.0	-1.1
ULM	4.3nm, 0.4s, mb4.4, baz=154, slow=4.4, SNR=14				P	20 09 50.5	-1.7
ULM	6.7nm, 0.6s, mb4.5				P	20 09 50.5	-1.7

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	ISC
MNV	Mina	74.11	320	P	ISC	20 10 00.7	+0.9
NVAR	Mina Array Bea	74.20	320	P	ISC	20 10 01.3	+1.0
HLID	Hailey	75.39	326	eP	P	20 10 08.1	+1.2
VNDA	Vanda	80.40	190	P	ISC	20 10 35.2	+1.7
VNDA	1.7nm, 0.7s, mb3.9, baz=134, slow=4.4						

1.3nm,0.4s,baz=328,slow=10,SNR=6.0
CMAR Chiang Mai Arr 38.31 312 P
MKAR Makanchi Array 67.27 328 P

s-maj=19.3km s-min=10.5km az=143.0
ISC 10 20:40:47.1.0.3, 52.55N, 0.06:153.9E, 0.1, h430km, 5km,
n83, c1:00/99, mb3.9/15, 1D, Northwest of Kuril Islands

PFET Feteiras 90.00 360 i S
MESC Monte Escuro 90.03 359 i S
LFA Lagoa do Fogo 90.05 359 e S

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MALAYA IpeI'ka, PAU Puzhetka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PICO do Norte, PICO das Favas, etc.

IDC 10 21:00:53.2.1.4, 10.72S, 118.96E, mb3.7/2, mb1 3.7/5,
mb1mx3.6/14, ML3.2/3, Error ellipse: s-maj=56.2km
s-min=23.3km az=59.0

ISC 10 21:00:55.2.1.5, 11.55S, 0.5x118.1E, 0.5, h99km, 32km, n9,
c0:83/16, mb3.6/2, 3C-1D, South of Sumbawa

MDD 10 23:01:05.5:2.1.37.14N, 19.12W, mb4.6/14, Error ellipse:
s-maj=26.9km s-min=9.0km az=122.0, PRXIMO
INMG 10 23:01:10.7:2.2.37.91N, 19.18W, h10km, ML3.2, Error
ellipse: s-maj=25.1km s-min=16.1km az=145.0

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

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

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

IDC 10 21:10:08.6:4.3.20.74N, 94.68E, h86km, 40km, mb3.2/4,
mb1 3.4/5, mb1mx3.2/18, Error ellipse: s-maj=46.8km
s-min=21.2km az=60.0

NEIC 10 21:10:10.6:1.3.21.06N, 95.10E, h100km, 12km, mb4.1/2,
Error ellipse: s-maj=25.1km s-min=9.5km az=55.0

ISC 10 21:10:06.8:0.5.21.0N, 0.1, 94.82E, 0.1, h89km, 13km, n16,
c0:90/17, mb3.4/1, 1C, Myanmar

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

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

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

NEIC 10 21:45:31.0:4.7.43.15N, 127.75W, h10km, mb3.0/1, Error
ellipse: s-maj=53.2km s-min=8.2km az=71.0, Off coast
of Oregon

ISC 10 21:00:56.2:0.4.37.60N, 0.04:19.15W, 0.03, h10km, n41,
c1:05/65, Azores-Cape St. Vincent Ridge

ISC 10 23:28:46.1:2.3.50.34N, 179.25E, mb3.9/8, mb1 4.1/9,
mb1mx3.9/23, ML3.3/1, Error ellipse: s-maj=66.2km
s-min=13.0km az=19.0

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

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

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

KRSC 10 22:40:43.1:1.5.52.12N, 154.09E, h482km, 7km, ML4.0
MOS 10 22:40:46.6:1.2.52.52N, 153.96E, h430km, mb3.9/5, Error
ellipse: s-maj=25.8km s-min=12.5km az=59.7

ISC 10 23:00:56.2:0.4.37.60N, 0.04:19.15W, 0.03, h10km, n41,
c1:05/65, Azores-Cape St. Vincent Ridge

NEIC 10 23:28:49.4:1.8.50.4N, 179.02E, h40km, mb3.8/1,
Error ellipse: s-maj=23.5km s-min=10.5km az=179.0

ISC 10 23:28:49.4:1.8.50.4N, 179.02E, h40km, mb3.8/1,
n24, c0:61/28, mb3.9/9, Rat Islands

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

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

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

Table with columns: PFO, BEKR, BAR, NEN, MOD, MSJ, DUG, TXAR, TXAR, ILAR. Includes station names, coordinates, and time/res data.

IDC 11 09:12:46.8-0.0, 70.71N-126.00E, mb3.8/7, mb1 4.0/7, mb1mx3.7/19, Error ellipse: s-maj=64.3km s-min=-18.8km az=76.0

MAN 11 09:12:55.7, 10.62N-125.73E, h25km, mb4.7, ML3.5, MS3.5

NEIC 11 09:13:01.1-8.1, 10.54N-125.83E, h121km, 73km, mb4.2/4, mb1mx3.4/23, Error ellipse: s-maj=49.4km s-min=-13.3km az=69.0

IDC 11 09:12:48.6-0.0, 6.67N-106.126.27E, 0.06, h25km, n28, s=120/29, mb4.0/11, 3C, Philippine Islands region

Main table for Philippine Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCPH, BEBP, PLP, MSLP, OCLP, LLP, CNP, BIPH, TBP, CGP, BUKP, RCP, PAGZ, OTRP, CAUP, FITZ, WRA, ASAR, MKAR, KURK, ZRKN, ILAR, ARCES, FINES, VNSA, SBA.

IDC 11 09:13:04.1-0.5, 10.71N-126.05E, mb4.3/17, mb1 4.4/17, mb1mx3.3/23, Error ellipse: s-maj=25.7km s-min=12.5km az=72.0

NEIC 11 09:13:13.8-4.6, 10.58N-125.82E, h75km-42km, mb4.6/3, Error ellipse: s-maj=22.8km s-min=7.0km az=62.0

IDC 11 09:13:12.1-0.4, 10.56N-125.82E, 0.05, h75km, n40, s=106/40, mb4.2/20, 2D, Leyte

Main table for Leyte region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCPL, MSLP, BUTP, BUTP, LLP, TBP, CNP, BIPH, BUKP, SNPH, RCP, OTRP, CBJJ, KAKA, CMAR, FITZ, FITZ, WRA, WB2, ASAR, ASAR, CTA, SONM, STKA, MKAR, KURK, BVAR, BRVK, ZRKN, ZRKN, URZ, ILAR, ARCES, INK, INK, AKASG, VNSA, VNSA, SBA, YKA, TXAR.

MAN 11 09:15:28.3, 10.62N-125.73E, h1km, mb4.1, ML2.9, MS2.6, ID, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCPL, PLP, MSLP, OCLP, BEBP, OCLP, GUMT.

MAN 11 09:31:29.8, 5.65N-127.36E, h31km, mb4.6, ML3.4, MS3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI, KCP, BIPH, BUKP, BUTP, IPIL, FITZ, WRA, ASAR, STKA, MKAR.

IDC 11 09:32:02.4-16.0, 5.07N-126.95E, h418km, 214km, mb3.1/6, mb1 3.3/6, mb1mx3.1/18, Error ellipse: s-maj=76.3km s-min=26.0km az=65.0

IDC 11 09:31:28.3-1.5, 5.5N-101.127.4E, 0.1, h70km, 17km, n14, s=125/19, mb3.7/6, 1C-1D, Philippine Islands region

Main table for Philippine Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, STKA, MKAR, ATH, XRY, NPS, KAP, VAM, KAR.

KRSC 11 09:53:49.6-0.8, 50.11N-155.88E, h225km, 5km, ML3.8, Kuril Islands

Main table for Kuril Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR, ALID, PAU, GRL, RUS, PET, UGLR, KOK, AVH, SMAR, SDLR, NDL, NLC, GNL, SPN, MKZ, TMUR, KTRB.

IDC 11 00:00:03.2-1.4, 51.97S-139.41E, mb3.8/5, mb1 4.0/5, mb1mx3.9/10, MS4.2/1, Ms1 4.2/1, ms1mx3.2/18, Error ellipse: s-maj=119.0km s-min=23.8km az=81.0

IDC 11 00:00:02.8-1.2, 52.0S-0.2-13.9E, h10km, n7, s=095/53, mb3.6/4, MS4.2/1, Western Indian-Antarctic Ridge

Main table for Western Indian-Antarctic Ridge region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, VNSA, ASAR, WRA, FITZ, PMG, ARCES.

IDC 11 00:00:50.8-8.1, 3.08S-154.84E, mb3.9/4, mb1 4.1/6, mb1mx3.8/16, ML3.8/2, Error ellipse: s-maj=126.0km s-min=74.3km az=43.0, North of Solomon Islands

Main table for North of Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, CTA, WRA, ASAR, STKA, FITZ.

IDC 11 00:06:49.3-0.2, 3.82S-119.50E, h2km, MD4.4/3, 5C-7D, Error ellipse: s-maj=8.7km s-min=3.0km az=65.0, Sulawesi

Main table for Sulawesi region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TANI, TANI, TANI, NINI, NINI, BUNI, BUNI.

NEIC 11 10:14:12.8-4.7, 0.75S-133.12E, h22km, 33km, mb4.6/15, Error ellipse: s-maj=20.0km s-min=9.4km az=75.0

IDC 11 10:14:13.4-4.0, 0.75S-133.24E, h29km, 28km, mb4.1/9, mb1 4.3/11, mb1mx2.18, ML4.5/2, MS3.9/8, Ms1 3.9/8, ms1mx3.5/19, Error ellipse: s-maj=40.0km s-min=12.5km az=79.0

IDC 11 10:14:13.1-2.8, 0.91S-132.9E, 0.2, h36km, 25km, n36, s=131/38, mb4.4/19, MS4.0/8, Irian Jaya region

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

Table with columns: FITZ, FITZ, FITZ, FITZ, FITZ, WRA, WRA, WB2, ASAR, ASAR, ASPA, ASPA, CTA, CTA, CTA, CTAO, STKA, STKA, STKA, KLB, BJT, BJI, BJI, BJI.

Main table for FITZ region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WRA, WB2, ASAR, ASPA, CTA, CTAO, STKA, KLB, BJT, BJI.

comp=2.70nm, 21.4s, MS3.5, Sonmigo Array 53.75 338 P

Main table for Sonmigo Array region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, BVAR, BRVK, ZRKN, VNSA, VNSA, MAW, PMR, SML, MCK, ILAR, QSPA, QSPA, GNI, VIB.

NEIC 11 10:53:56.8-8.4, 10.37S-124.32E, h50km, 54km, Error ellipse: s-maj=56.3km s-min=25.4km az=202.0

IDC 11 10:54:02.7-8.9, 10.84S-124.08E, h121km, 103km, mb3.9/1, mb1 3.3/4, mb1mx3.1/13, ML3.1/3, Error ellipse: s-maj=77.6km s-min=46.5km az=25.0

IDC 11 10:53:56.3-3.3, 10.65S-0.2-124.2E, 0.2, h66km, 37km, n5, s=095/9, mb4.0/1, Timor region

Main table for Timor region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, FITZ, FITZ, WRA, WRA, ASAR, MKAR.

WAR 11 11:04:29.8, 5.1, 45N-16.16E, ML2.7, Mining Induced PRU 11 11:04:30.3, 5.1, 36N-16.19E

IDC 11 11:04:26.4, 1.3, 51.48N-0.06-16.18E, 0.05, n9, s=122/18, Poland

Main table for Poland region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, DPC, PVCC, PRU, CLL, OKC, OJC, OJC, KHC, KHC, KHC.

IDC 11 11:47:31.4-3.3, 30.04N-67.41E, mb3.5/4, mb1 3.8/4, mb1mx3.4/21, MS3.4/2, Ms1 3.5/2, ms1mx2.7/15, Error ellipse: s-maj=115.0km s-min=36.8km az=81.0, Pakistan

Main table for Pakistan region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, BVAR, FINES, NOA.

ASF	Jabal al Asfar	6.45 198 Pn	Pn	15 50 02.4 -0.3
ASF	comp=E,5.2nm,0.3s,baz=265,slow=6.3,SNR=166			
ASF	comp=E,16nm,0.3s,baz=246,slow=20,SNR=3.0			
AKMC	Akamass	6.47 241 P	P	15 51 53.4
HAF	Haifa	6.53 213 P	Pn	15 50 02.8 -0.2
PPCY	Paphos	6.54 240 P	Pn	15 50 05.2 +1.3
MDU	Mudurnu	6.58 291 ePN	Pn	15 50 04.3 +0.3
ANN	Anapa	6.60 349e /P	Pn	15 50 05.8 +1.0
ANN	comp=Z,113nm,1.0s		pmx	15 51 19.6 -1.5
ANN	comp=Z,24um,12.1s		MLR	
ANN	comp=N,24um,10.1s		MLR	
ANN	comp=E,4um,21.0s		MLR	
ANN	Anapa	6.60 349 /P	Pn	15 50 05.8 +1.0
ESKHT	Ekiskehir	6.66 283 ePN	Pn	15 50 06.4 +0.8
MLMI	Mount Malkishu	6.67 209 P	Pn	15 50 06.1 +0.3
OFRI	'Ofar	6.68 213 P	Pn	15 50 06.2 +0.2
HMDT	Nahal Hemdat	6.79 208 P	Pn	15 50 07.9 +0.3
ISP	Isparta	6.91 269 ePN	Pn	15 50 09.5 +0.2
ISP	Isparta	6.91 269 ePN	Pn	15 50 11.4 +2.1
SLTI	Salt'it	6.93 211 P	Pn	15 50 09.4 +0.4
QURS	Qurayyat al Mil	7.12 193 P	Pn	15 50 11.4 +0.7
GOF	Goftskoye	7.28 22 eP	Pn	15 50 11.0 -3.4
GOF	comp=Z,3um,11.0s		pmx	
DRGI	Drage	7.44 206 P	Pn	15 50 16.6 0.0
ELL	Elmal	7.59 261 ePN	Pn	15 50 18.9 +0.1
SIM	Simferopol'	7.64 331 eP	Pn	15 50 20.4 +1.0
MZDA	Masada	7.71 206 P	Pn	15 50 20.5 +0.1
MAK	Makhachkala	7.79 51 /P	Pn	15 50 25.7 +4.2
MAK	comp=N,800nm,2.0s		pmx	
MAK	comp=E,500nm,2.0s		pmx	
MAK	comp=Z,2um,2.0s		pmx	
MAK	comp=N,816nm,1.7s		pmx	
MAK	comp=E,2um,1.7s		pmx	
MAK	comp=Z,2um,1.7s		MLR	
MAK	comp=Z,64um,8.0s		MLR	
HRT	Hereke	7.81 292 ePN	Pn	15 50 21.7 -0.1
KZIT	Kziot	8.43 210 P	P	15 50 30.7 +0.3
ZFRI	Zfiri	8.46 205 P	P	15 50 30.5 -0.4
PRNI	Paran	8.71 205 P	P	15 50 33.2 -1.1
KMTI	Karmit	9.03 206 P	P	15 50 37.9 -0.8
MBH	Mount Berech	9.25 204 P	P	15 50 39.5 -2.3
EIL	Eilat	9.35 204 P	P	15 50 42.7 -0.6
JMOS	Jabal al Moall	9.72 202 P	P	15 50 48.4 -0.7
JMQS	Jabal Moqyreh	9.84 198 P	P	15 50 49.3 -0.7
PSN	Presentlasi	9.92 306 /P	P	15 50 52.0 +1.0
HAQS	Haql	9.92 302 /P	P	15 50 52.0 -0.5
TIR	Tirgusov	10.18 310 P	P	15 50 52.5 -2.0
PRD	Provadia	10.21 302 /P	P	15 50 53.5 -1.6
TBKS	Tabuk	10.34 193 P	P	15 50 55.5 -1.3
DBAS	Al Bad'	10.47 201 P	P	15 50 58.5 -0.1
JMB	Yambol	10.50 297 P	P	15 51 00.0 +1.0
HARR	Harsova	10.59 310 /P	P	15 50 58.2 -2.0
HARR	Harsova	10.59 310 /P	P	15 50 58.4 -1.9
AYUS	'Ayunah	10.66 199 P	P	15 51 00.7 -0.4
MIB	Mutribah	10.83 139 eP	P	15 50 59.9 -3.7
MIB	comp=Z,104nm,0.7s		AML	15 53 42.8
RDO	Rodhopi	10.93 289 P	P	15 51 04.4 -0.4
APE	Apeiranthos	10.95 268 P	P	15 51 08.6 +3.5
DIM	Dimitrovgrad	11.13 294 P	P	15 51 10.0 +2.4
HLS	Ha'il	11.13 168 P	P	15 51 05.2 -2.5
SANT	Santorini	11.15 264 eP	P	15 51 08.6 +0.7
SZH	Strazhnica	11.23 300 P	P	15 51 08.0 -0.9
UMR	Umm Al-Rimam	11.23 139 eP	P	15 51 04.7 -4.2
UMR	comp=Z,103nm,0.8s		AML	15 53 03.2 -1.3
UMR	comp=Z,103nm,0.8s		AML	15 54 11.0
KIS	Kishinev	11.56 322 eP	P	15 51 10.0 -3.4
KIS	comp=Z,103nm,0.8s		AML	15 53 23.0 -0.8
BUC1	Bucharest	11.61 305 /P	P	15 51 14.2 +0.1
BUC2	Bucharest	11.61 305 /P	P	15 51 14.3 +0.3
PVL	Pavlikeni	11.62 299 P	P	15 51 17.3 +3.1
RZN	Rozhen	11.64 291 P	P	15 51 12.5 -2.0
RDF	Al-Radifah	11.65 141 eP	P	15 51 08.4 -4.3
RDF	comp=Z,92nm,0.6s		AML	15 53 12.9 -1.3
RDF	comp=Z,92nm,0.6s		AML	15 54 06.0
ISR	Istrita	11.66 310 /P	P	15 51 15.6 +0.9
PLD	Plovdiv	11.74 293 P	P	15 51 14.5 -1.4
IDI	Idrolya	11.91 260 Pn	Pn	15 51 17.2 -1.0
VRI	Vrincioaia	11.95 313 /P	P	15 51 17.4 -1.3
VRI	Vrincioaia	11.95 313 /P	P	15 51 17.6 -1.2
MLR	Muntele Rosu	12.21 310 Pn	Pn	15 51 20.6 -1.7
MLR	comp=Z,0.1nm,0.3s,baz=12,slow=6.6,SNR=1.3		LR	15 57 12.9
PGB	Panagyurishte	12.24 295 P	P	15 51 23.3 +0.7
MMB	Musomiste	12.35 290 P	P	15 51 32.9 +0.1
VAM	Vamos	12.40 261 eP	P	15 51 30.5 +5.6
GVD	Gavdhos	12.68 259 eP	P	15 51 27.4 -1.1
GVD	comp=Z,1.75nm,0.8s		AML	15 51 28.7 -2.4
ARSS	Ar Rass	12.87 164 P	P	15 51 27.5 -0.1
VTS	Vitosha	12.93 294 P	P	15 51 32.7 +0.8
VTS	Vitosha	12.93 294 P	P	15 51 32.7 +0.8
ELI	Veliai	13.05 268 eP	P	15 51 34.0 +0.5
VAY	Valandovo	13.16 288 /P	P	15 51 34.1 -0.9
UMJS	Umm Lajj	13.17 188 P	P	15 51 36.2 +1.1
VOR	Voronezh	13.39 360 eP	P	15 51 39.0 +1.1
VOR	comp=Z,160nm,1.8s		pmx	
VOR	comp=N,370nm,1.6s		pmx	
VOR	comp=E,30nm,1.6s		pmx	
KVR	Konstantin St.	13.46 292 /P	P	15 51 40.7 +1.8
EPJ	Ervyrtania	13.65 278 eP	P	15 51 43.5 +2.1
ITH	Ithomi	13.76 271 P	P	15 51 44.5 +1.7
BARS	Barje	13.95 294 /P	P	15 51 54.0 +2.2
YNBS	Yanbu' al Bahr	14.00 185 P	P	15 51 45.2 -0.8
SKO	Skopje	14.10 291 /P	P	15 51 48.8 +1.6
BOLS	Bolevec	14.14 298 /P	P	15 51 48.7 +0.9
AKASG	Malin Array Be	14.26 333 Pn	Pn	15 51 46.5 -2.8
AKASG	comp=E,1.3nm,0.3s,baz=147,slow=6.6,SNR=19		pmx	15 51 46.5 -2.8
AKASG	comp=Z,1.0nm,0.3s		pmx	
OHR	Ohrad	14.47 287 /P	P	15 51 53.0 +0.9
AFSS	'Afi	14.57 273 eP	P	15 51 57.5 +1.2
SVIS	Sviljani	14.79 299 /P	P	15 51 57.3 +1.1
VAN	Vannovskaya	14.85 86 eP	P	15 51 55.7 -1.4
VAN	comp=Z,1.0nm,0.3s		AML	15 54 43.3 +0.6
GRUS	Gruza	15.02 290 /P	P	15 51 59.6 +3.0
OSH	Osh	15.18 288 eP	P	15 52 06.0 +0.9
KEK	Kerkira	15.19 281 eP	P	15 52 03.0 +1.5
PVY	Plav	15.27 292 /P	P	15 52 05.0 +2.4
PRZA	Preza	15.35 288 ePN	Pn	15 52 08.5 +4.9
IVA	Berane	15.38 293 /P	P	15 52 06.7 +2.8
BEO	Belgrade	15.47 301 /P	P	15 52 06.0 +0.9
DIVS	Divcibare	15.58 298 /P	P	15 52 07.5 +0.9
NVSS	Nova Varos 2	15.64 295 /P	P	15 52 07.5 +0.1
ULC	Ulcinj	15.71 290 /P	P	15 52 10.7 +2.4
TTG	Podgorica	15.77 291 /P	P	15 52 11.4 +2.3
LJV	Ljvov	15.82 321 P	P	15 52 09.0 -0.6
HASS	Wahat al Ahsa'	15.82 193 P	P	15 52 08.2 -1.6
PLS	Plevljeva	15.83 295 /P	P	15 52 12.3 +2.5
UZH	Uzhgorod	16.00 315 eP	P	15 52 11.0 -1.0
BUM	Buzjic-Budva	16.02 291 /P	P	15 52 14.3 +2.1
NKY	Niksic	16.02 293 /P	P	15 52 14.8 +2.5
UPM	Ucinac-Piva	16.15 294 /P	P	15 52 16.3 +2.2
HCY	Herceg Novi	16.33 291 /P	P	15 52 17.5 +1.3
BRY	Bratogost	16.36 393 /P	P	15 52 18.6 +1.9
KWP	Kalvaria	16.37 319 eP	P	15 52 16.7 +0.1
KWP	comp=Z,7um,20.5s		MLR	

KWP	KWP	eP	P	15 52 20.7
KWP	KWP	eS	SS	15 55 30.1 +1.2
KWP	KWP	eSS	S	15 55 34.7 -3.1
LCI	Lecce	16.48 284 /P	P	15 52 18.0 -0.1
CRVS	Cervenica-Dubn	16.48 315 ePN	Pn	15 52 19.3 -0.5
OBN	Obninsk	16.88 355 /P	P	15 52 19.8 -3.3
OBN	comp=Z,531nm,2.6s		S	15 55 30.7 +0.8
OBN	comp=Z,144nm,1.3s		pmx	
OBN	comp=Z,12um,13.0s		MLR	
OBN	Obninsk	16.88 355 eP	P	15 52 19.9 -3.1
KECS	Kecovo	16.95 313 ePN	Pn	15 52 24.9 +0.9
STON	Ston	16.97 292 /Pn	Pn	15 52 23.7 -0.6
STON	Ston	16.97 292 /Pn	Pn	15 53 30.1 -2.0
PSZ	Piszkesteto	17.03 310 /P	P	15 52 24.8 -0.2
PSZ	Piszkesteto	17.03 310 eP	P	15 55 48.7 -5.6
PSZ	comp=Z,81nm,1.3s		pmx	15 52 23.8 -1.2
PSZ	Piszkesteto	17.03 310 eP	P	15 52 23.8 -1.2
BRZ	Brzozow	17.17 285 /P	P	15 52 26.4 -0.5
BUD	Budapest	17.37 308 /P	P	15 52 31.4 +2.1
MOS	Moscow	17.44 357 /P	P	15 52 29.3 -0.8
MOS	comp=Z,650nm,1.3s		pmx	15 55 49.4 +6.6
MOS	comp=Z,23um,11.3s		MLR	
MOS	comp=N,18um,11.7s		MLR	
TIP	Timpanagrande	17.56 280 eP	P	15 52 30.9 -0.9
ORI	Oriolo Calabro	17.75 283 /P	P	15 52 35.5 +1.4
GRI	Girifalco	17.86 279 eP	P	15 52 37.2 +1.8
VYHS	Vyhne	17.92 311 eP	P	15 52 36.2 +0.1
VYHS	Vyhne	17.92 311 eP	P	15 56 07.6 +1.4
MNK	Minsk	17.94 338 eP	P	15 55 50.0 -4.2
MNK	comp=N,9um,14.0s		MLR	
MNK	comp=Z,12um,15.0s		MLR	
MNK	comp=E,6um,14.0s		MLR	
SRO	Sorobaro	17.94 309 eP	P	15 52 38.1 +1.7
KOLL	Kolobari	18.21 311 eP	P	15 52 41.2 +1.3
OJC	Ojcow	18.24 317 eP	P	15 52 46.2 +2.6
OJC	Ojcow	18.24 317 eP	P	15 55 56.7 -4.3
CUC	Castrocuoco	18.24 283 P	P	15 52 41.1 +0.8
PECR	Pechory	18.27 9d /P	P	15 56 05.2 +3.5
PECR	comp=Z,2um,5.0s		pmx	
PECR	comp=N,2um,6.0s		pmx	
PECR	comp=N,9um,3.6s		pmx	
PECR	comp=Z,6um,16.0s		MLR	
PECR	comp=N,15um,15.0s		MLR	
PECR	comp=Z,4um,17.0s		MLR	
PECR	comp=N,8um,14.0s		MLR	
SLCN	Sala Consilina	18.37 284 eP	P	15 52 45.9 +4.0
RIGNO	Rignano Grg	18.42 288 /P	P	15 52 42.5 0.0
SIS	Sisak	18.43 300 /P	P	15 52 44.5 +2.9
AB31	Akbulak array	18.43 47 P	P	15 52 39.3 -3.3
AB31	comp=Z,239nm,1.5s		pmx	
MGR	Morigerati	18.44 283 /P	P	15 52 43.0 +0.3
SCLL	Schilla	18.47 277 /P	P	15 52 43.2 +0.1
MURO	Muro Lucano	18.48 295 eP	P	15 52 44.9 +1.7
MOTTA	Motta San Gio	18.52 276 /P	P	15 52 43.1 -0.6
SGO	Sicignano	18.61 284 /P	P	15 52 45.6 +0.8
FRS	Orsara di Pugl	18.65 287 /P	P	15 52 45.9 +0.7
ATN	Antennamare	18.68 277 /P	P	15 52 46.3 +0.6
SMO	Smolenice	18.77 310 eP	P	15 52 47.2 +0.5
CSNS	Cassano Irpino	18.83 285 eP	P	15 52 47.7 +0.3
WAR	Warsaw	18.84 323 eP	P	15 52 46.6 -0.8
WAR	Warsaw	18.84 323 eP	P	15 56 16.5 +2.0
WAR	Warsaw	18.84 323 eP	P	15 52 46.6 -0.8
WAR	Warsaw	18.84 323 eP	P	15 52 52.8
WAR	Warsaw	18.84 323 eP	P	15 56 16.5 +2.0
WAR	Warsaw	18.84 323 eP	P	15 56 22.3 +7.8
WAR	Warsaw	18.84 323 eP	P	15 56 25.2 -1.4
WAR	Warsaw	18.84 323 eP	P	15 56 25.2 -1.4
ZST	Bratislava	18.84 309 /P	P	15 52 48.1 +0.6
ZST	Bratislava	18.84 309 /P	P	16 01 16.5
MRB1	Monte Rocchet	18.87 286 /P	P	15 52 49.8 +1.9
OKC	Ostrava-Krasne	18.95 314 /P	P	15 52 47.1 -1.7
OKC	Ostrava-Krasne	18.95 314 /P	P	15 53 09.8
OKC	Ostrava-Krasne	18.95 314 /P	P	15 52 47.1 +0.7
OKC	Ostrava-Krasne	18.95 314 /P	P	16 01 40.0
OKC	Ostrava-Krasne	18.95 314 /P	P	15 52 47.1 -1.7
OKC	Ostrava-Krasne	18.95 314 /P	P	15 56 24.1 +7.0
OKC	Ostrava-Krasne	18.95 314 /P	P	15 56 24.1 +7.0
SOP	Sopron	18.98 307 /P	P	15 52 49.7 +0.5
CAST	Castiglione	19.09 276 /P	P	15 52 49.6 +0.3
AGST	Augusta-Monte	19.01 274 /P	P	15 52 51.0 +1.4
RAC	Raciborz	19.05 315 eS	S	15 52 49.2 -0.6
RAC	Raciborz	19.05 315 eS	S	15 56 18.0 -1.3

Table with columns for station name, frequency, power, and signal strength. Includes stations like PUL, GSC, MAIM, SOTA, BDI, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MONE, MMK, NEG, TRAV, SULZ, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like UCH, GIVF, LASF, FRU, BFO, etc.

IDC 11 18:56:40.5, 1.2, 27.38N-104.18E, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, ML3.3/1, MS2.8/1, Ms1 3.0/1, ms1mx2.7/2.1, Error ellipse: s-maj=48.1km s-min=21.4km az=69.0

BUJ 11 18:56:41.8, 27.24N-103.61E, h13km, mb4.2, ML3.9, Ms3.9, MSz3.8

NEIC 11 18:56:41.1, 0.7, 27.05N-103.61E, h10km, mb3.7/1, Error ellipse: s-maj=14.9km s-min=11.3km az=110.0

ISC 11 18:56:37.5, 0.5, 27.12N-104.03E, h10km, n20, r=143/26, mb3.7/4, 1D, Yunnan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kunming, Guiyang, Chiang Mai Arr, Chengdu, Enshi, Xian, etc.

NEIC 11 19:15:22.4, 13.05N-89.42W, h35km, ML4.2(SNET), After SNET

NEIC FELT [ll] at San Salvador. CASC 11 19:15:22.3, 1.2, 13.02N-89.43W, h34km, gkm, MD3.8, ML3.7, 7C, El Salvador

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

JMA 11 19:25:51.7, 0.2, 25.85N-123.84E, h172km, M3.6, Northeast of Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tarama, Ishigaki jima, Iriomote-Funau, etc.

NEIC 11 19:41:54.6, 32.14S-71.82W, h20km, ML3.1(GUC), After GUC

GUC 11 19:41:54.6, 0.9, 32.14S-71.82W, h20km, 5km, MD3.7, ML3.1, 6C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Illapel, Petorca, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Jahuel, Combarbala, Feldehue, Rinconada Maip, etc.

NSSC 11 19:43:40.6, 39.62N-39.33E, h35km, 1km, ISC 11 19:43:50.5, 38.49N-39.18E, h4km, MD3.6

ISC 11 19:43:51.2, 0.4, 38.45N-104.04E, h4km, n27, r=112/38, 1C-4D, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Elazig, Malatya, Malatya, etc.

STR 11 19:52:30.2, 0.7, 47.33N-6.97E, h10km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 11 19:52:30.3, 0.2, 47.34N-7.06E, h2km, Md2, 1/2, M12, 1/8, Error ellipse: s-maj=4.0km s-min=2.5km az=115.0

ZUR 11 19:52:30.1, 47.37N-7.02E, h9km, ML1.3/4, ISC 11 19:52:29.7, 0.5, 47.36N-7.02E, h12km, 4km, n18, r=0/99/32, C, France

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LOMF, Bourrignon, BOURN, etc.

WLS Weisbruch 1.09 14 Pg Pg 19 52 51.0 -0.6

THEF They Montfort 1.09 323 Pg Pg 19 52 53.2 +0.6

THEF They Montfort 1.09 323 Pg Pg 19 52 53.2 +0.6

BFO Black Forest 1.34 43 eSg Sg 19 53 10.4 -0.4

SFF Sextfontaines 1.56 304 eSg Sg 19 53 21.4 -0.2

RFYF Retroy 1.62 322 ePg Pg 19 53 01.7 -0.5

RFYF Retroy 1.62 322 ePg Pg 19 53 01.7 -0.5

MEZF Maizieres J'vi 1.73 312 eSg Sg 19 53 26.7 -0.6

LOR Lormes 2.12 269 ePg Pg 19 53 10.6 -1.5

LOR Lormes 2.12 269 ePg Pg 19 53 10.6 -1.5

SSF Saint Saugle 2.38 264 eSg Sg 19 53 47.1 -1.9

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AJM, POO, BHPL, KHET, etc.

NEIC 11 20:40:40.6, 1.4, 23.93N-94.46E, h98km, 14km, mb4.0/3, Error ellipse: s-maj=23.6km s-min=9.5km az=57.0

IDC 11 20:40:41.5, 3.8, 24.11N-94.84E, h100km, 36km, mb3.4/6, mb1 3.5/7, mb1mx3.3/2.1, Error ellipse: s-maj=56.0km s-min=14.9km az=65.0

ISC 11 20:40:38.1, 0.9, 23.84N-101.94, 34E, 0.09, h91km, 10km, n18, r=0/79/21, mb3.8/1.9, 1D, Myanmar-India border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Imphal, Shillong, Lhasa, Chiang Mai Arr, etc.

IDC 11 20:53:55.9, 1.5, 27.36N-101.42E, mb3.3/4, mb1 3.6/4, mb1mx3.4/17, Error ellipse: s-maj=84.0km s-min=23.6km az=65.0

BUJ 11 20:53:56.4, 27.31N-101.16E, h11km, ML3.3, Error ellipse: s-maj=13.9km az=103.0

NEIC 11 20:53:56.4, 2.0, 27.41N-101.51E, h51km, 21km, mb3.6/1, Error ellipse: s-maj=26.7km s-min=13.2km az=77.0

ISC 11 20:53:55.4, 0.9, 27.26N-101.41E, 0.2, h10km, n9, r=0/99/10, mb3.6/4, Sichuan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kunming, Guiyang, Enshi, Chiang Mai Arr, etc.

NEIC 11 20:57:29.9, 36.44N-26.66E, h132km, mb3.7/16, After ATH

ATH 11 20:57:29.9, 36.44N-26.66E, h132km, 10km, Error ellipse: s-maj=30.7, 0.9, 36.21N-26.65E, h134km, 18km, mb3.1/1, s-min=13.9km az=103.0

ISC 11 20:57:32.5, 0.2, 36.53N-26.93E, h25km, mb4.4, ML3.9, MW3.2

ISC 11 20:57:29.2, 0.2, 36.36N-103.26, 65E, 0.02, h141km, 3km, n106, r=19/09/122, mb3.6/4, 7C-3D, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KARP, BDRM, SANT, etc.

Table with columns: IDI, Station Name, Azimuth, Phase, Time, Res. Includes stations like IZM, VAM, NDZG, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KAHT, GAZ, SVSK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MARY, NAS1, TAMBO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ELZG, MYA, MALT, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like HOJA, IGUA, CUSU, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SML Sawmill, KLU Klutina, PMR Palmer, etc.

NEIC 12 02:40:26.6, 29.45S, 69.54W, h128km, After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLL Tololo Astrono, VACH Vallenar, LSCH La Serena, etc.

BGR 12 03:20:15.0, 4.0, 49.37N, 6.91E, h1km, ML1.4/1, Error ellipse: s-maj=5.6km s-min=3.3km az=57.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WLF Walferdange, LANF Langenberg, CDF Champ du Feu, etc.

NIED 12 03:43:00, 45.20N, 150.40E, h8km, Mw3.9 Best double couple: M0.7, 3x1014 NP1:phi249, 0.75, 7.99. NP2:phi39, 0.17, 1.61, Kuril Islands

MDD 12 04:00:48.9, 0.6, 43.15N, 0.55W, h14km, 6km, mBLg1.3/3, Error ellipse: s-maj=4.8km s-min=2.7km az=1.0, PRXIMO STR 12 04:00:48.6, 0.0, 43.25N, 0.42W, h2km, 1km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like REYF Montagne du Re, REYF Refroy, REYF Etsaut, etc.

IDC 12 04:08:01.2, 33.0, 21.32N, 146.24E, mb3.8/3, mb1 4.0/3, mb1mx3.5/21, Error ellipse: s-maj=641.0km s-min=206.5km az=179.0, Mariana 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, STKA Stephens Creek, etc.

NNC 12 04:37:52.3, 2.5, 41.22N, 72.48E, mpv3.6, Error ellipse: s-maj=44.5km s-min=17.5km az=39.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, EK2S Erkin-Say, UCH Uchto, etc.

LDG 12 04:58:38.5, 0.1, 44.43N, 6.77E, h2km, Md2.2/2, M1.2, 1/7, Error ellipse: s-maj=1.9km s-min=1.2km az=75.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SURF Saint Ours, MBDF Montbardon, TOUF Mont Tournerai, etc.

IDC 12 05:22:23.4, 0.8, 5.32S, 122.60E, mb4.1/8, mb1 4.2/10, mb1mx4.1/17, ML3.7/2, MS3.1/4, Ms1 3.1/4, ms1mx3.0/23, Error ellipse: s-maj=57.7km s-min=15.7km az=65.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FRF La Foret Royal, SMRF Simiane la Rot, LRG La Plagne, etc.

NEIC 12 05:22:25.8, 0.7, 5.32S, 122.61E, h15km, 36km, mb4.4/2, Error ellipse: s-maj=24.5km s-min=9.6km az=64.0.

DJA 12 05:22:26.3, 1.0, 5.31S, 122.77E, h66km, 114km, ML4.5/3, Error ellipse: s-maj=49.8km s-min=42.7km az=112.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUNI Buntu Taipa, NINI Niniconang, TANI Tanetep Lipujan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAW Mawson, VANDA Vanda, VNSA Vanda, etc.

FUNV 12 05:22:37.4, 6.71N, 73.28W, h165km, MW3.4, IDC 12 05:22:38.8, 1.4, 6.78N, 73.03W, h160km, 15km, mb3.5/9, mb1 3.8/12, mb1mx3.6/22, Error ellipse: s-maj=20.0km s-min=13.1km az=62.0.

NEIC 12 05:22:39.1, 0.7, 6.74N, 72.98W, h168km, 7km, mb3.9/11, Error ellipse: s-maj=9.8km s-min=8.2km az=98.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, SDV Santo Domingo, etc.

JTS JuntasAbangare, JTS JuntasAbangare, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, LPAZ La Paz, LPZ La Paz, etc.

SCHO Schefferville, SCHO Schefferville, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, YKA Yellowknife Ar, DBIC Dimboko, etc.

PRU 12 05:25:01.4, 50.48N, 18.87E, WAR 12 05:25:01.3, 50.28N, 18.87E, ML2.5, Mining Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, NIE Niedzica, etc.

IDC 12 05:29:33.7, 11.0, 18.91S, 174.48W, mb4.0/5, mb1 4.2/5, mb1mx3.9/18, Error ellipse: s-maj=288.0km s-min=39.1km az=38.0, Tonga Islands

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

ATH 12 05:31:50.7, 38.19N, 22.21E, h56km, 6km, MD3.1/10, THE 12 05:31:52.1, 38.26N, 22.32E, h20km, ML3.0, NEIC 12 05:31:52.1, 38.26N, 22.32E, h20km, MD3.1 (ATH), ML3.0 (THE), After THE.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLS Riolos of Patr, LKR Lokris, EVR Erytria, etc.

12d 8h

Table with columns: ITM, Ithomi, 1.08 193 eP, P, 05 32 11.5 +1.0, etc.

TRN 12 05:42:45.7, 16.79N, 61.02W, h27km, MD3.5, M2.9(FDF)
NEIC 12 05:42:45.6, 16.93N, 60.88W, h24km, MD2.7(FDF), After FDF.

ISC 12 05:42:46.8, 1.4, 16.83N, 0.06, 60.9W, 0.1, h33km, n10, 0.06/16, 1C, Leeward Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

MDD 12 05:46:22.7, 0.6, 42.31N, 7.85W, h17km, 7km, mbLg1.9/11, Error ellipse: s-maj=5.2km s-min=4.5km az=136.0, PRXIM0

INMG 12 05:46:23.0, 0.7, 42.32N, 7.86W, h15km, 17km, ML1.6, Error ellipse: s-maj=1.5km s-min=1.2km az=104.0

ISC 12 05:46:23.0, 0.7, 42.36N, 0.04, 7.84W, 0.06, h15km, n15, 0.08/15, 2C, Spain

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

ISC 12 05:59:33.8, 2.8, 30.21S, 138.58E, mb1 3.3/4, mb1mx3.1/11, ML2.7/4, Error ellipse: s-maj=76.1km s-min=15.2km az=43.0, South Australia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

PRU 12 06:00:43.1, 49.91N, 18.57E
WAR 12 06:00:43.0, 49.96N, 18.56E, ML2.7, Mining Induced
NEIC 12 06:00:43.2, 1.0, 50.07N, 18.46E, h5km, ML3.1 (SZGRF), Error ellipse: s-maj=15.2km s-min=9.5km az=186.0

BGR 12 06:00:47.7, 1.1, 49.88N, 18.39E, h1km, ML3.2/9, Error ellipse: s-maj=11.1km s-min=10.0km az=139.0

ISC 12 06:00:41.5, 0.5, 49.97N, 0.03, 18.46E, 0.03, n30, 0.13/35/55, 1C, Czech and Slovak Republics

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

2004 AUG

Table with columns: KSP, Ksiat, 1.64 303 ePn, Pn, 06 01 38.0 +2.0, etc.

IDC 12 06:18:35.1, 5.3, 7.45S, 121.15E, h546km, 83km, mb2.7/3, mb1 2.7/5, mb1mx2.6/16, Error ellipse: s-maj=165.0km s-min=26.8km az=51.0, Flores Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

NEIC 12 06:28:06.1, 16.97N, 95.36W, h102km, MD4.0(MEX), After MEX.

MEX 12 06:28:06.5, 1.3, 16.97N, 95.37W, h98km, 12km, MD4.0, 1C, Oaxaca

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

IDC 12 06:51:14.1, 3.4, 10.46S, 124.94E, mb3.8/2, mb1 3.7/5, mb1mx3.5/13, ML2.8/3, Error ellipse: s-maj=67.4km s-min=49.6km az=58.0, Timor region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

IDC 12 07:00:18.9, 0.6, 0.15S, 125.18E, mb4.1/13, mb1 4.2/14, mb1mx4.1/18, ML3.6/1, MS3.2/4, Ms1 3.3/4, ms1mx3.0/22, Error ellipse: s-maj=40.7km s-min=14.1km az=65.0

BUI 12 07:00:22.6, 0.2, 20.5E, h25km, mb5.0, mb4.8, Ms4.6, Ms2.4

NEIC 12 07:00:22.6, 0.3, 0.23S, 125.19E, h25km, mb4.8/10, Error ellipse: s-maj=21.8km s-min=7.3km az=70.0

SYO 12 07:00:22.6, 0.2, 23S, 125.19E, h25km, MB4.8, Error ellipse: s-maj=22.0, 0.4, 28S, 0.2, 125.1E, 0.2, h33km, n37, 0.12/33, mb4.4/24, MS3.5/6, 2C-10, Southern Molucca Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

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Table with columns: STKA, Stephens Creek, 35.08 155 eP, P, 07 07 14.1 +0.3, etc.

comp=Z, 8.9nm, 1.1s, mb4.6, baz=309, slow=10, SNR=4.8

comp=N, 383nm, 13.2s

comp=Z, 496nm, 17.2s, MS4.4

comp=Z, 2.7nm, 1.3s, mb4.7

comp=Z, 4.0nm, 0.6s, mb4.6

comp=E, 4.7nm, 20.8s

comp=Z, 3.1nm, 20.8s, MS3.4

comp=Z, 3.0nm, 0.7s, mb4.4, baz=122, slow=8.3, SNR=25

comp=Z, 3.5nm, 19.8s, MS3.5, baz=2, 181, slow=36

comp=Z, 6.5nm, 1.1s, mb4.6

comp=Z, 0.3nm, 0.3s, mb4.2, baz=63, slow=2.1, SNR=4.6

comp=Z, 1.7nm, 0.8s, mb4.5, baz=327, slow=4.8, SNR=5.5

comp=Z, 2.1nm, 0.9s, mb5.1

comp=Z, 0.5nm, 0.5s, mb4.0, baz=264, slow=11.5, SNR=5.0

comp=Z, 8.5nm, 88.12 201 fP, P

comp=Z, 0.4nm, 0.6s, mb3.9, baz=239, slow=4.6, SNR=4.9

comp=Z, 0.8nm, 0.6s, mb4.2, baz=117, slow=6.4, SNR=3.5

comp=Z, 0.3nm, 0.3s, mb4.2, baz=63, slow=2.1, SNR=4.6

comp=Z, 2.1nm, 0.8s, mb4.5, baz=327, slow=4.8, SNR=5.5

comp=Z, 0.6nm, 0.5s, baz=184, slow=6.1, SNR=5.0

ISC 12 07:20:24.0, 38.44N, 39.10E, h5km, MD3.5

ISC 12 07:20:25.7, 0.6, 38.39N, 0.04, 39.09E, 0.04, h9km, 5km, n20, 0.10/29, Turkey

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

IDC 12 07:20:47.2, 6.6, 51.30N, 177.58E, h120km, 101km, mb3.1/5, mb1 3.5/6, mb1mx3.2/24, ML2.6/1, Error ellipse: s-maj=82.2km s-min=50.9km az=84.0, Rat Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

DJA 12 07:34:06.6, 1.0, 8.27S, 117.09E, h60km, 54km, MD4.5/3, ML4.0/3, 6C, Error ellipse: s-maj=481.7km s-min=27.1km az=159.0, Sumbawa region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

NEIC 12 08:00:19.2, 18.33N, 100.78W, h17km, MD3.8(MEX), After MEX.

MEX 12 08:00:18.8, 1.1, 18.36N, 100.85W, h57km, 23km, MD3.8, 1C, Guerrero

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CAIG, CRX, IIZ, YAIG, etc.

IDC 12 08:07:25.5-1.9, 1.09S-136.86E, mb3.8/4, mb1 4.0/5, mb1mx3.8/14, ML3.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.4/21, Error ellipse: s-maj=69.8km s-min=24.5km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include WRA, CTA, ASAR, etc.

NEIC 12 08:15:34.3-11.0, 5.04S-153.04E, h2km, 66km, mb4.5/7, Error ellipse: s-maj=26.5km s-min=15.9km az=72.0

IDC 12 08:15:40.4-5.2, 5.1-153.06E, h4km, 49km, mb3.7/10, mb1 3.9/12, mb1mx3.9/16, ML3.5/2, MS3.9/4, Ms1 3.9/4, ms1mx3.3/21, Error ellipse: s-maj=35.5km s-min=22.4km az=86.0

ISC 12 08:15:38.0-4.5, 5.05-10.1, 153.0E, 0.2, h35km, 36km, n26, s101/24, mb4.1/16, MS4.1/3, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include PMG, WRA, CTA, KAKA, etc.

TRN 12 08:40:22.5, 17.56N-61.73W, h22km, MD3.7, 2C, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CPB, BPA, SKI, etc.

NIED 12 08:48:00.34, 30N, 141.60E, h26km, Mw4.5. Best double couple: M6.09x10^15 Np1.0s, 126°, 82°, 138°. NP2.0, 30°, 85°, 170°

JMA 12 08:48:37.0-0.2, 34.31N-141.59E, h27km, 2km, M3.8

BJI 12 08:48:38.2, 34.32N-141.19E, h17km, mb5.0, mb4.5, Ms4.4, Ms2.4

MOS 12 08:48:38.4, 1.5, 34.57N-141.58E, h33km, mb4.5/2, Error ellipse: s-maj=26.3km s-min=13.2km az=101.9

NEIC 12 08:48:41.0-2.9, 34.28N-141.37E, h32km, 20km, mb4.7/21, MW4.5(NIED), Error ellipse: s-maj=7.5km s-min=6.6km az=118.0

IDC 12 08:48:42.6-0.5, 34.33N-141.46E, h47km, 4km, mb3.9/16, mb1 4.2/19, mb1mx4.1/26, MS3.8/12, Ms1 3.8/12, ms1mx3.5/28, Error ellipse: s-maj=12.3km s-min=6.5km az=127.0

ISC 12 08:48:39.8-0.7, 34.29N-141.40E, 0.05, h37km, 6km, h44km, 1.8km, pP, n2, s111/97, mb4.4/40, MS3.9/12, 2C-1D, Off coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO1, BSO2, BSO3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO3, BSO4, BSO4, etc.

ISC 12 08:07:25.5-1.9, 1.09S-136.86E, mb3.8/4, mb1 4.0/5, mb1mx3.8/14, ML3.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.4/21, Error ellipse: s-maj=69.8km s-min=24.5km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include WRA, CTA, ASAR, etc.

NEIC 12 08:15:34.3-11.0, 5.04S-153.04E, h2km, 66km, mb4.5/7, Error ellipse: s-maj=26.5km s-min=15.9km az=72.0

IDC 12 08:15:40.4-5.2, 5.1-153.06E, h4km, 49km, mb3.7/10, mb1 3.9/12, mb1mx3.9/16, ML3.5/2, MS3.9/4, Ms1 3.9/4, ms1mx3.3/21, Error ellipse: s-maj=35.5km s-min=22.4km az=86.0

ISC 12 08:15:38.0-4.5, 5.05-10.1, 153.0E, 0.2, h35km, 36km, n26, s101/24, mb4.1/16, MS4.1/3, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include PMG, WRA, CTA, KAKA, etc.

TRN 12 08:40:22.5, 17.56N-61.73W, h22km, MD3.7, 2C, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CPB, BPA, SKI, etc.

NIED 12 08:48:00.34, 30N, 141.60E, h26km, Mw4.5. Best double couple: M6.09x10^15 Np1.0s, 126°, 82°, 138°. NP2.0, 30°, 85°, 170°

JMA 12 08:48:37.0-0.2, 34.31N-141.59E, h27km, 2km, M3.8

BJI 12 08:48:38.2, 34.32N-141.19E, h17km, mb5.0, mb4.5, Ms4.4, Ms2.4

MOS 12 08:48:38.4, 1.5, 34.57N-141.58E, h33km, mb4.5/2, Error ellipse: s-maj=26.3km s-min=13.2km az=101.9

NEIC 12 08:48:41.0-2.9, 34.28N-141.37E, h32km, 20km, mb4.7/21, MW4.5(NIED), Error ellipse: s-maj=7.5km s-min=6.6km az=118.0

IDC 12 08:48:42.6-0.5, 34.33N-141.46E, h47km, 4km, mb3.9/16, mb1 4.2/19, mb1mx4.1/26, MS3.8/12, Ms1 3.8/12, ms1mx3.5/28, Error ellipse: s-maj=12.3km s-min=6.5km az=127.0

ISC 12 08:48:39.8-0.7, 34.29N-141.40E, 0.05, h37km, 6km, h44km, 1.8km, pP, n2, s111/97, mb4.4/40, MS3.9/12, 2C-1D, Off coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO1, BSO2, BSO3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include INK, ASAR, ARU, etc.

IDC 12 08:07:25.5-1.9, 1.09S-136.86E, mb3.8/4, mb1 4.0/5, mb1mx3.8/14, ML3.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.4/21, Error ellipse: s-maj=69.8km s-min=24.5km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include WRA, CTA, ASAR, etc.

NEIC 12 08:15:34.3-11.0, 5.04S-153.04E, h2km, 66km, mb4.5/7, Error ellipse: s-maj=26.5km s-min=15.9km az=72.0

IDC 12 08:15:40.4-5.2, 5.1-153.06E, h4km, 49km, mb3.7/10, mb1 3.9/12, mb1mx3.9/16, ML3.5/2, MS3.9/4, Ms1 3.9/4, ms1mx3.3/21, Error ellipse: s-maj=35.5km s-min=22.4km az=86.0

ISC 12 08:15:38.0-4.5, 5.05-10.1, 153.0E, 0.2, h35km, 36km, n26, s101/24, mb4.1/16, MS4.1/3, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include PMG, WRA, CTA, KAKA, etc.

TRN 12 08:40:22.5, 17.56N-61.73W, h22km, MD3.7, 2C, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CPB, BPA, SKI, etc.

NIED 12 08:48:00.34, 30N, 141.60E, h26km, Mw4.5. Best double couple: M6.09x10^15 Np1.0s, 126°, 82°, 138°. NP2.0, 30°, 85°, 170°

JMA 12 08:48:37.0-0.2, 34.31N-141.59E, h27km, 2km, M3.8

BJI 12 08:48:38.2, 34.32N-141.19E, h17km, mb5.0, mb4.5, Ms4.4, Ms2.4

MOS 12 08:48:38.4, 1.5, 34.57N-141.58E, h33km, mb4.5/2, Error ellipse: s-maj=26.3km s-min=13.2km az=101.9

NEIC 12 08:48:41.0-2.9, 34.28N-141.37E, h32km, 20km, mb4.7/21, MW4.5(NIED), Error ellipse: s-maj=7.5km s-min=6.6km az=118.0

IDC 12 08:48:42.6-0.5, 34.33N-141.46E, h47km, 4km, mb3.9/16, mb1 4.2/19, mb1mx4.1/26, MS3.8/12, Ms1 3.8/12, ms1mx3.5/28, Error ellipse: s-maj=12.3km s-min=6.5km az=127.0

ISC 12 08:48:39.8-0.7, 34.29N-141.40E, 0.05, h37km, 6km, h44km, 1.8km, pP, n2, s111/97, mb4.4/40, MS3.9/12, 2C-1D, Off coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO1, BSO2, BSO3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ORIV Oritupano, RIOV Rio Grande, CAOV Caicara del Or, BAUV EI Baul.

MAN 12 12:29:30.0, 15.03N-119.43E, h6km, mb3.8, ML2.6, MS2.2
IDC 12 12:29:33.0, 14.80N-119.45E, h35km, mb3.7/5,
s-maj=37.4km s-min=14.5km az=59.0

NEIC 12 12:29:34.7, 13.44S-119.46E, h60km, 15km, Error
ellipse: s-maj=24.4km s-min=12.9km az=205.0

ISC 12 12:29:32.9, 0.5, 15.01N-0.04, 119.48E, 0.05, h36km,
h37km, 2.3km, p-P, n30, r122/33, mb4.0/7, 1C-2D, Luzon

Main table for Luzon region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCZP Santa Cruz, BOLP Bolinao, LUBP Lubang, etc.

BJI 12 12:30:46.8, 14.33N-120.28E, h45km, mb4.2, mb4.4,
Ms4.3, Ms24.2

MAN 12 12:30:50.3, 15.08N-119.69E, h3km, mb5.3, ML4.3, MS4.6
IDC 12 12:30:52.0, 0.6, 14.90N-119.60E, h34km, mb4.0/18,
mb1.4/18, mb1mx4.0/24, MS3.7E, Ms1 3.9/2,

ms1mx3.1/28, Error ellipse: s-maj=26.1km s-min=9.8km
az=69.0

NEIC 12 12:30:53.0, 0.3, 14.94N-119.94E, h45km, mb4.5/9, Error
ellipse: s-maj=15.2km s-min=6.5km az=70.0

ISC 12 12:30:50.8, 0.3, 14.91N-119.47E, 0.05, h35km,
h37km, 2.1km, p-P, n30, r161/69, mb4.3/25, MS4.1/3,

2C-3D, Luzon

Main table for Luzon region (continued) with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCZP Santa Cruz, BOLP Bolinao, LUBP Lubang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

WRA Warramunga Arr 37.59 157 P 12 38 01.5 -2.4
comp=Z,7.9nm,0.7s,mb4.5,baz=337,slow=9.4,SNR=22

WRA Warramunga Arr 37.59 157 eP P 12 38 01.5 -2.4
comp=Z,5.6nm,0.6s,baz=336,slow=9.4,SNR=8.2

WB2 Warramunga Arr 37.59 157 eP P 12 38 01.5 -2.5
WBQ Urumqi 39.53 323 // iP P 12 38 23.0 +3.2

WMO WMO 4.0 P P 12 38 35.3 +4.9
WMO WMO 4.0 PP P 12 39 59.5 +4.8
WMO WMO 4.0 ES S 12 44 24.0 +4.4

WMO WMO 4.0 AMB AMB 12 44 44.5
WMO WMO 4.0 AMB AMB 12 44 44.5

WMO WMO 4.0 AMB AMB 12 44 44.5
WMO WMO 4.0 AMB AMB 12 44 44.5

WMO WMO 4.0 AMB AMB 12 44 44.5
WMO WMO 4.0 AMB AMB 12 44 44.5

WMO WMO 4.0 AMB AMB 12 44 44.5
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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BDRM Kayabasi, BDRM Kayabasi, MLSB Milas, etc.

BUI 12 12:55:13.6, 4.00S-141.87E, h44km, mb5.3, mb5.1, Ms5.0,
Ms24.8

MOS 12 12:55:14.8, 0.8, 3.89S-141.47E, h42km, mb5.3/8, Error
ellipse: s-maj=24.1km s-min=10.1km az=109.8

SYO 12 12:55:14.9, 3.91S-141.67E, h34km, mb5.0, MS4.6
NEIC 12 12:55:15.0, 0.2, 3.91S-141.67E, mb5.0/21, MS4.6/3,

Error ellipse: s-maj=13.2km s-min=6.9km az=94.0
HRVD 12 12:55:15.0, 0.2, 3.74S-141.61E, h38km, MW5.2/52,

Centroid moment Tensor Solution, LR body waves:
s39,C70,Mantle waves: s52,c91; Half duration: 190

Maximum tensor: Scale 1071; Mw: 6.2; 03;
Mw=0.69; 02; Mw=0.07; 02; Mw=0.24; 02; Mw=0.23; 01;

Mw=0.23; 03; Best double couple: Mw: 7.7x10^7 NP1: 90;
336; 155; NP2: 299; 858; 107; Principal axes: T, 72,

Plg72; Azm249; N.1, Plg14; Azm110; P.-82, Plg12;
Azm18; nsta1 refers to body waves, cutoff=40s. nsta2

refers to surface waves, cutoff=150s.
IDC 12 12:55:19.4, 2.5, 4.07S-141.58E, h62km, 24km, mb4.4/14,
mb1.4/5.17, mb1mx4.5/18, ML4.0/3, MS4.4/12, Ms1 4.4/12,

ms1mx4.3/14 Error ellipse: s-maj=16.1km s-min=5.9km
az=91.0

ISC 12 12:55:14.3, 1.1, 3.94S, 0.03, 141.53E, 0.05, h37km, 10km,
h37km, 2.3km, p-P, n122, r101/125, mb5.0/49, MS4.4/23,

16C-7D, New Guinea

Code Station Name Azimuth Phase ID Time Res
PMG Port Moresby 7.79 134 P 12 57 09.5 +1.6

PMG 3.4nm,0.3s,baz=325,slow=5.3,SNR=19
MAINT 6.2nm,0.3s,baz=148,slow=22,SNR=7.0

PMG comp=Z,1um,19.1s,baz=298,slow=33
PMG Port Moresby 7.79 134 eP P 12 57 08.7 +0.7

KAKA Kakadu 12.52 226 eP P 12 58 10.9 -2.2
188nm,0.5s

KAKA Charters Tower 16.69 164 eS P 13 00 27.8 -4.7
10nm,1.0s

CTA Charters Tower 16.69 164 eS S 13 02 22.9 +1.2
0.1nm,0.3s,baz=328,slow=15,SNR=6.2

CTA Charters Tower 16.69 164 eS S 12 59 09.1 +1.9
0.1nm,0.3s,baz=328,slow=15,SNR=6.2

CTA Charters Tower 16.69 164 eP P 13 05 51.3
0.1nm,1.4e

WRAB Warramunga Arr 17.38 203 eP P 12 59 15.1 -0.5
45nm,0.7s

WB2 Warramunga Arr 17.38 203 eS S 12 59 14.6 -1.1
2.1nm,0.3s,baz=30,slow=13,SNR=7.3

WRA Warramunga Arr 17.38 203 eP P 12 59 15.0 -0.7
0.8nm,0.3s,baz=18,slow=22,SNR=7.1

WRA Warramunga Arr 17.38 203 P 13 06 28.1
18nm,0.6s,baz=28,slow=11,SNR=11.3

WRA Warramunga Arr 17.38 203 P 12 59 15.0 -0.8
WRA Warramunga Arr 17.38 203 P 13 02 25.1 -1.0

WRA Warramunga Arr 17.38 203 P 13 06 28.1
WRA Warramunga Arr 17.38 203 P 12 59 56.7 +0.2

ASAR Alice Springs 20.95 200 eP P 13 03 45.1 +2.2
22nm,0.9s,baz=19,slow=25,SNR=3.7

ASAR 2.0um,18.3s,MS4.6,baz=9.5,slow=38
ASAR Alice Springs 20.95 200 P P 12 59 56.7 +0.2

ASAR 2.0um,18.3s,MS4.6,baz=9.5,slow=38
ASAR Alice Springs 20.95 200 P P 13 03 45.1 +2.2

ASAR Alice Springs 20.95 200 eP P 13 08 32.2 +0.1
ASAR Alice Springs 20.95 200 eP P 13 03 44.1 +1.5

ASAR Alice Springs 20.95 200 eP P 12 59 56.1 -0.8
FITZ Fitzroy Crossi 20.98 227 eS S 13 03 45.2 +1.6

FITZ Fitzroy Crossi 20.98 227 P 12 59 56.0 -0.9
18nm,0.6s,baz=52,slow=7.8,SNR=3.3

FITZ 11nm,1.1s,baz=157,slow=11,SNR=5.5
FITZ 11nm,1.1s,baz=157,slow=11,SNR=5.5

FITZ comp=Z,1um,18.0s,MS4.3,baz=67,slow=38
PAGZ Pagadigan 21.57 305 eP P 13 00 02.8 0.0

BESP Borongan 22.24 310 eP P 13 00 08.9 +0.3
RCP Roxas 24.22 301 eP P 13 00 30.6 +1.7

TGY Tagaytay City 21.18 312 P P 13 00 57.5 +0.2
12.91km,0.3s,mb5.8,baz=306,slow=7.9,SNR=3.2

STKA Stephens Creek 27.79 180 P P 13 01 02.2 0.0
2.0nm,0.4s,mb4.1,baz=318,slow=14,SNR=2.1

STKA comp=Z,661nm,18.4s,MS4.2,baz=101,slow=41
STKA Stephens Creek 27.79 180 P P 13 01 01.2 -0.9

BER 12 12:47:31.8, 4.9, 59.79N-18.54E, ML2.1(NAO),
Suspected explosion

NAO 12 12:47:32.4, 1.4, 60.20N-18.43E, ML2.1, Sweden
Code Station Name Azimuth Phase ID Time Res

HFS Hagfors 2.37 270 Pn Pn 12 48 13.2 +0.1
baz=86,slow=16

HFS 2.7m,0.7s,mb3.7
FIAO 3.95 68 Pn Pn 12 48 34.2 -1.4
baz=101,slow=97

FIAO 3.95 68 Pn Pn 12 48 34.2 -1.4
FINES Array S baz=236,slow=12

FIAO 3.95 68 Pn Pn 12 48 34.2 -1.4
FINES Array S baz=236,slow=12

FIAO 3.95 68 Pn Pn 12 48 34.2 -1.4
FINES Array S baz=236,slow=12

FIAO 3.95 68 Pn Pn 12 48 34.2 -1.4
FINES Array S baz=236,slow=12

SSE Sheshan 39.88 332 P P 13 02 46.7 +0.3
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
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SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1
SSE 3.9nm,0.8s,mb5.1

ISK 12 12:53:43.5, 36.93N-27.76E, h10km, MD3.3
NEIC 12 12:53:44.7, 36.97N-27.74E, h13km, MD3.4(ATH), After
ATH.

ATH 12 12:53:44.7, 36.97N-27.74E, h13km, MD3.4/9
ISC 12 12:53:44.8, 0.6, 36.98N-27.77E, 0.04, h11km, 4km,

Code Station Name Azimuth Phase ID Time Res
SSE 3.9nm,0.8s,mb5.1

SSE 3.9nm,0.8s,mb5.1

Table with columns: MAT, MAT, comp, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Nanjing, Urewera, Rata Peaks, Kunming, etc.

Table with columns: MKAR, Makanchi Array, 72.49 322, P, P, 13 06 39.9 +0.8. Includes stations like Kashi, Vanda, Scott Base, etc.

Table with columns: IDC 12 13:38:50.1, 0.3, 5.6, 9.9S; 129.35E, h128km, 32km, mb3.8/8, mb1.4/2.12, mb1mx4.1/16, Error ellipse: s-maj=27.2km. Includes stations like KAKA, FITZ, WRAB, etc.

BJI 12 13:38:50.5, 7.00S; 129.40E, h126km, mb4.3, mb4.7
NEIC 12 13:38:50.5, 1.8, 6.9S; 129.45E, h126km, 16km, mb4.2/15,
SAE ellipse: s-maj=18.7km, mb1.1, 1.1km az=62.0
SYO 12 13:38:50.5, 6.9S; 129.45E, h126km, MB4.2

DJA 12 14:01:28.4, 1.0, 0.40S; 126.13E, h33km, MD5.0/4,
ML6.0/3, Error ellipse: s-maj=94.6km s-min=22.1km
az=151.0
BJI 12 14:01:31.6, 1.16S; 125.32E, h50km, mb5.2, mb4.9, MS4.9,
MS24.5
MOS 12 14:01:36.6, 1.1, 0.28S; 124.96E, h33km, mb5.3/15, Error
ellipse: s-maj=24.7km s-min=9.3km az=120.4
IDC 12 14:01:39.2, 2.4, 0.21S; 125.07E, h36km, 18km, mb6.6/22,
mb1.4/6.23, mb1mx4.6/24, ML4.5/2, MS3.9/6, Ms1.4/0.6,
ms1mx3.6/23, Error ellipse: s-maj=20.9km s-min=9.8km
az=70.0
HRVD 12 14:01:40.0, 0.3, 0.44S; 125.25E, h36km, 1km, MW5.1/44,
Centroid moment Tensor Solution. LP body waves:
s28,c41; Mantle waves: s44,c62. Half duration: 0 Moment
tensor: Scale 10^16Nm; Mr3.56t; 24; Mw-1.94t; 16;
Mw-1.62t; 20; Mw-0.63t; 21; Mw-3.12t; 13; Mw-2.26t; 23;
Best double couple: M4.91x10^16 Np1.248t; d36; 125.5.
NP2.28t; d61; 167. Principal axes: T 4.46, Plig66,
Azm256; N.91, Plig20, Azm39; P-5.37, Plig13,
Azm134; nsta1 refers to surface waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s
SYO 12 14:01:40.0, 0.27S; 125.18E, h50km, MB5.0
NEIC 12 14:01:40.1, 1.0, 0.27S; 125.18E, h50km, 10km, mb5.0/32,
Error ellipse: s-maj=9.1km s-min=5.5km az=62.0
CSEM 12 14:01:42.0, 0.63N; 124.71E, h33km, mb5.7
ISC 12 14:01:37.7, 0.8, 0.21S; 125.03E, 0.04, h41km, 7km,
h44km, 3.2km, comp:PP-P, n193, t120/185, mb5.0/75, MS4.2/13,
23C-13D, Southern Molucca Sea

HEL 12 14:02:26.0, 2.59.73N; 22.26E, ML2.2, ML2.7(UPP), ML2.6(NAO), Explosion
IDC 12 14:02:27.5, 1.6, 59.89N; 22.31E, mb1 3.4/4, mb1mx3.2/20, ML3.2/4, Error ellipse: s-maj=20.4km s-min=5.8km az=159.0
NAO 12 14:02:28.4, 2.0, 59.96N; 21.98E, ML2.6
BER 12 14:02:29.2, 4.8, 59.86N; 22.12E, ML2.6(NAO), Suspected explosion
ISC 12 14:02:26.0-0.6, 59.92N-0.07-22.20E-0.05, n22, s1935/40, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like AAL Aland, NUR Nurmi rvi, GRAU Graesoe, etc.

IDC 12 14:11:02.8, 0.4, 16.16S; 73.56W, h38km, 3km, mb4.5/18, mb1 4.6/21, mb1mx4.6/22, ML5.0/3, MS4.4/24, Ms1 4.4/24, ms1mx4.4/29, Error ellipse: s-maj=18.2km s-min=10.5km az=71.0
HRVD 12 14:11:03.0, 0.3, 16.33S; 74.14W, h45km, 1km, MW5.2/55, Centroidal moment Tensor Solution. LP body waves: s34, c51, Mantle waves: s55, c55; Half duration: 150
Moment tensor: Scale 1017Nm; Mw 0.47; M0: 0.28c; 0.02; Mw-0.70c; 0.03; Mw-0.11c; 0.02; Mw-0.47c; 0.02; Mw-0.28c; 0.03; Best double couple: Mw-0.9x10^17 NP1; 302; 8.42; 132; NP2; 187; 869; 127; Principal axes: T, Tz, P, P1; Azm140; N, N23, P135; Azm352; P-1.01, P1616; Azm251; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
BUI 12 14:11:03.8, 15.88S; 73.66W, h40km, mb4.9, Ms5.0, Ms25.0
SYO 12 14:11:03.0, 0.6, 16.13S; 73.58W, h44km, MB5.0, MS4.6
NEIC 12 14:11:03.0, 0.8, 16.13S; 73.58W, h44km, 7km, mb5.0/33, MS4.6/19, Error ellipse: s-maj=10.5km s-min=5.0km az=69.0
NEIC 12 14:11:03.0, 0.8, 16.13S; 73.58W, h44km, 7km, mb5.0/33, MS4.6/19, Error ellipse: s-maj=10.5km s-min=5.0km az=69.0
NEIC 12 14:11:03.0, 0.8, 16.13S; 73.58W, h44km, 7km, mb5.0/33, MS4.6/19, Error ellipse: s-maj=10.5km s-min=5.0km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like ARE Arequipa, NNA Nana, LPAZ La Paz, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like PLCA Paso Flores, SDV Santo Domingo, JTS JuntasAbangare, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like NVAR Mina Array Bea, NVAR Mina Array, MOOW Moose Ponds, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KASHI, CHICHI JIMA, HIJA, MATSUSHIRO, THIN, CHANGCHUN, URUMQI, etc.

Code Station Name Az Az' Phase ID Time Res
FITZ Fitzroy Crossi 17.80 17.9 Op P 14 17 32.6 +0.2

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

THE 12 14:28:20.4, 38.78N-21.20E, h10km, mb1 4
NEIC 12 14:28:20.4, 38.78N-21.20E, MD3.4(ATH), ML3.5(THE), After THE.

ATH 12 14:28:20.3, 38.83N-21.14E, h9km, mb3, MD3.4/15
ISC 12 14:28:20.5, 0.4, 38.83N-0.03, 21.09E-0.04, h10km, n30, r125/38, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKD, EVR, VLS, RLS, JAN, IGT, MEV, etc.

ECX 12 14:44:30.0-0.7, 30.55N-114.45W, h4km, MD3.8, ML3.8, 1C-2D, Gulf of California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ECNX, PGX, PBX, ENX, etc.

ECX 12 14:52:53.2-0.5, 30.54N-114.49W, h2km, MD3.5, ML3.5, 3D, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Pedro Mart, El Mayor, Rancho Dowling, etc.

JMA 12 15:00:49.7-0.2, 24.78N-122.37E, h83km, M3.0
TAP 12 15:00:52.2, 24.64N-122.31E, h80km, 1km, ML3.9

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

ISC 12 15:05:55.6-10.0, 5.57S-154.47E, h146km, 74km, mb2/3, mb1 3.5/4, mb1mx3/2/14, Error ellipse: s-maj=103.0km

ISC 12 15:05:53.0-5.9, 5.75S-0.3, 154.7E-0.4, h145km, 44km, n6, r094/7, mb3.4/4, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, WB2, WRA, ASAR, FITZ, MKAR, etc.

ISC 12 15:11:33.8-1.3, 5.55S-154.87W, mb3.8/3, mb1 4.0/3, mb1mx3.8/13, Error ellipse: s-maj=63.8km s-min=29.5km

NEIC 12 15:11:40.8-4.1, 5.57S-154.97W, h54km, 40km, mb4.4/8, Error ellipse: s-maj=25.5km s-min=15.0km az=45.0

ISC 12 15:11:47.6-4.5, 5.55S-0.1, 125.6E-0.3, h143km, 48km, n17, r19/15, mb4.1/8, 3C-1D, South Sandwich Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA1, VNA3, VNA2, SNA, SNA, etc.

JMA 12 15:39:44.6-0.2, 33.32N-140.94E, h44km, M3.2
IDC 12 15:39:48.2-6.3, 33.04N-140.68E, h62km, 22km, mb3.4/3, mb1 3.7/4, mb1mx3/2/1, ML3.1/1, MS3.3/2, Ms1 3.3/2, ms1mx2.9/39, Error ellipse: s-maj=41.6km s-min=27.1km

ISC 12 15:39:44.6-0.9, 33.31N-0.04, 140.93E-0.08, h61km, 9km, n19, r097/27, mb3.8/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHU2, JHU3, JHU, etc.

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

BUI 12 15:59:40.9, 11.58S-166.85E, h202km, mb5.7, mb5.5
HRVD 12 15:59:41.9-0.1, 11.94S-166.64E, h206km, MW5.7/73, Centroid moment Tensor Solution. LP body waves:

s64, c130; Mantle waves: s73, c172; Half duration: 157
Moment tensor: Scale 10^17Nm; Mrr=2.74e+05; Mtheta=1.0e+06; Mphi=3.84e+06; Mxx=2.54e+05; Myy=0.68e+06; Mzz=1.33e+05; Best double couple: M4-47, 1017, NP1-30, 37, 846; 1, 142; NP2-155; 066; 1, 50; Principal axes: T 4.84, P1g53, Azm16; N-73, P1g35; Azm175; P-4.1, P1g10; Azm272; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 12 15:59:41.3-0.5, 11.94S-166.76E, h198km, 4km, mb5.0/29, mb1 5.1/30, mb1mx5.1/30, MS4.5/10, Ms1 4.5/10, ms1mx4.3/23 Error ellipse: s-maj=7.9km s-min=6.4km az=153.0

NEIC 12 15:59:41.9-0.1, 11.91S-166.72E, mb5.5/78, MW5.8, Error ellipse: s-maj=4.2km s-min=3.3km az=114.0, Moment Tensor Solution, s35 Moment tensor: Scale 10^17Nm; Mxx=3.67; Mtheta=1.12; Mphi=4.79; Mxx=1.20; Mxx=0.97; Best double couple: Ms5.1 x10^17 NP13.39, 349; 1, 133; NP2-0.164; 656; 1, 52; Principal axes: T 5.08, P1g59; Azm16; N-0.1, P1g31; Azm187; P-5.06, P1g4; Azm280;

SYO 12 15:59:41.8, 11.91S-166.72E, h206km, MB5.5
MOS 12 15:59:43.9-1.0, 11.84S-166.67E, h231km, mb5.7/31, Error ellipse: s-maj=10.9km s-min=7.9km az=71.9

ISC 12 15:59:40.6-1.0, 11.96S-0.03, 166.68E-0.03, h206km, 9km, h204km, 1.5km; p-P, n704, r080/330, mb5.4/116, 149C-58D, Santa Cruz Islands

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

ISC 12 15:59:40.6-1.0, 11.96S-0.03, 166.68E-0.03, h206km, 9km, h204km, 1.5km; p-P, n704, r080/330, mb5.4/116, 149C-58D, Santa Cruz Islands

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

ISC 12 15:59:40.6-1.0, 11.96S-0.03, 166.68E-0.03, h206km, 9km, h204km, 1.5km; p-P, n704, r080/330, mb5.4/116, 149C-58D, Santa Cruz Islands

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

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

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

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

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

12d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Rata Peaks, Warramunga Arr, Tennant Creek, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalins, Nanjing, Vladivostok, etc.

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

12d 15h

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Table with columns: SIM, Name, Frequency, and various status codes (PKP, P, etc.). Includes entries like 'Simferopol', 'NORSTAR Array S', 'AKASG', 'Kilima Mbogo', etc.

Table with columns: SMOL, Name, Frequency, and various status codes. Includes entries like 'Smolenice', 'Srobroarova', 'Auchinoon', 'Pruhonice', 'Clausthal', etc.

Table with columns: DAVOX, Name, Frequency, and various status codes. Includes entries like 'Bormio', 'Exmoor', 'Kilmenrain', 'Hinterfeld', 'Haudompre', etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ, SONMI, MA2, KURK, WRA, BVAR, ZRNK.

TAP 12 19:11:34.5, 22.78N, 121.37E, h11km, 1km, ML3.6
TAP Felt II J at Chengung
JMA 12 19:11:35.0, 0.3, 23.16N, 121.40E, h162km, M3.1
ISC 12 19:11:33.7, 0.6, 22.75N, 121.49E, 0.02, h13km, 3km, n49, c0597/90, 6C, Taiwan region

Main table of station data for the first section, including stations like TTN, CHKT, TWG, TAIM, ELDW, TAWU, ANSHUO, HUNG, SANDIMEN, etc.

NNC 12 19:14:23.7, 10.0, 37.83N, 70.92E, mpv3.3, Error ellipse: s-maj=18.8km s-min=78.3km az=93.0
ISC 12 19:14:19.0, 1.1, 37.42N, 0.08, 72.3E, 0.3, h201km, 54km, n11, c0642/14, 2D, Tajikistan

Table of station data for the second section, including stations like AML, UCH, KZA, EKS2, AAK, ULHL, THN, THN, KK31, CHMS, TKM2, AB31.

Table of station data for the third section, including stations like MAN, MSLP, SCPH.

Table of station data for the fourth section, including stations like TBP, LLP, OAGP, POCPL, POCAG, IPIL.

STR 12 19:33:55.8, 0.3, 44.34N, 7.29E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 12 19:33:55.6, 0.1, 44.35N, 7.30E, h2km, MD2.4/2, ML2.4/9, Error ellipse: s-maj=2.4km s-min=1.2km az=64.0
NEIC 12 19:33:55.7, 44.35N, 7.30E, h1km, ML2.6(GEN), ML2.4(LDG), ML2.2(STR), After GEN.

Main table of station data for the fifth section, including stations like STV2, STV, ENR, PZZ, TOUF, MONT, SAINT, AUTN, ROB, MON, MONT, BBR, SBF, MBD, NEG, ROR, IMI, CALN, CESANA, FENE, FIN, RSP, FRF, LSD, ORIF, LMR, LMG, LPL, SMRF, VIVF, VIV, LAS, MTLF.

ISK 12 19:37:40.8, 37.01N, 27.59E, h5km, MD3.3
RRL 12 19:37:42.5, 36.87N, 27.48E, h26km, MD3.4(ATH), After ATH.
ATH 12 19:37:42.5, 36.87N, 27.48E, h26km, 2km, MD3.4/7
ISC 12 19:37:41.4, 0.8, 36.90N, 0.03, 27.62E, 0.04, h10km, 5km, n17, c080/24, 1C-1D, Decadence Islands

Table of station data for the sixth section, including stations like BDRM, NISR, YER, ARG, ARK, SAMOS, CAKIROK, DNZL, KARP, DENT, IZM, APE, APE, KSL, ELL, AKHSAR, PRK.

TRN 12 19:39:24.2, 17.68N, 62.76W, h109km, MD3.6, 2C, Leeward Islands

Table of station data for the seventh section, including stations like SKI, CPB, BPA, DEG, MGG, BDRM, MSLB, MSLB, MSLB, MSLB, NISR.

ISK 12 19:45:41.0, 36.89N, 27.62E, h10km, MD3.3
NEIC 12 19:45:43.3, 36.87N, 27.50E, h28km, MD3.3(ATH), After ATH.
ATH 12 19:45:43.3, 36.87N, 27.50E, h28km, 4km, MD3.3/7
ISC 12 19:45:42.8, 0.7, 36.92N, 0.04, 27.60E, 0.05, h16km, 8km, n21, c0599/29, 1C-1D, Decadence Islands

Table of station data for the eighth section, including stations like BDRM, MSLB, MSLB, MSLB, NISR, BDRM, MSLB, MSLB, MSLB, NISR.

Table of station data for the ninth section, including stations like YER, YER, YER, AYDN, AYDN, ARG, ARG, SMG, DNZL, DENT, DENT, KARP, IZM, APE, APE, KSL, ELL, ELL, AKS, PRK.

MAN 12 19:58:25.0, 19.17N, 121.10E, h1km, mb4.6, ML3.5, MS3.5
NEIC 12 19:58:25.3, 19.16N, 121.24E, h2km, 32km, mb4.3/5, Error ellipse: s-maj=31.6km s-min=9.7km az=69.0
IDC 12 19:58:29.4, 5.8, 19.18N, 121.32E, h51km, 58km, mb3.5/8, mb1 3.8/9, mb1mx3.5/24, ML3.6/1, MS3.2/3, MS1 3.3/3, ms1mx2.8/26, Error ellipse: s-maj=50.3km s-min=15.6km az=71.0
ISC 12 19:58:27.5, 0.8, 19.25N, 0.05, 121.06E, 0.07, h45km, 9km, n27, c1922/36, mb3.9/13, MS3.3/1, 1C, Philippine Islands region

Table of station data for the tenth section, including stations like PASUQUIN, PASUQUIN, SGCP, APYP, APYP, BBP, BBP, CALLO, CAU, CAUP, PALP, BOLP, BOLP, BALP, VIRAC, KUNIGAMI, NAKATSU, BAIJIAU, BAIJIAU, BJI, SONMI, FITZ, WRA, MKAR, ASAR, KURK, KURK, BVAR, ZRNK, ARU, ARU, INK, MLR, NOA.

Table of station data for the eleventh section, including stations like PASUQUIN, PASUQUIN, SGCP, APYP, APYP, BBP, BBP, CALLO, CAU, CAUP, PALP, BOLP, BOLP, BALP, VIRAC, KUNIGAMI, NAKATSU, BAIJIAU, BAIJIAU, BJI, SONMI, FITZ, WRA, MKAR, ASAR, KURK, KURK, BVAR, ZRNK, ARU, ARU, INK, MLR, NOA.

BUG 12 20:15:25.1, 51.60N, 6.87E, h1km, ML1.5
BNS 12 20:15:25.0, 1.1, 51.62N, 6.74E, h1km, ML2.0
BGR 12 20:15:25.4, 0.5, 51.56N, 6.74E, h1km, ML2.1/4, Error ellipse: s-maj=6.7km s-min=4.4km az=99.0
LDG 12 20:15:27.5, 0.2, 51.50N, 6.66E, h1km, ML2.7/6, Error ellipse: s-maj=4.7km s-min=3.4km az=39.0, Suspected Mining induced.

NEIC 12 20:15:27.5, 0.5, 51.50N, 6.66E, h1km, ML2.7(LDG), After LDG.
ISC 12 20:15:23.4, 0.5, 51.56N, 0.02, 6.59E, 0.05, n27, c1922/45, 1C, Germany

Main table of station data for the twelfth section, including stations like WTSB, WTSB, WTSB, BUG, BUG, BUG, BNS, HGN, HGN, KLL, KLL, STB, STB, IBBN, KOE, GIVF, GIVF, WLF, WLF, BAIF, BAIF, CDF, CDF, MEZF, MEZF, HINF, HINF, LOR, LOR, LOR, LOR, SSF, SSF, SSF, CMBF, CMBF, CMBF, LDF, LDF, LDF.

2d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FLN, BGF, GRR, MFF, QUIF.

TRN 12 20:17:23.4, 11.72N-58.94W, h35km, MD4.0, MD4.3(DFD), 2C-10, North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRN, GRW, MWM, BIM, CRM, FDF, DSIT, STOW.

IDC 12 20:25:28.5, 3.2, 32.49Sx178.41W, mb4.0, mb1.4, 2.4, mb1mx3.9/15, ML3.8/1, Error ellipse: s-maj=69.8km s-min=46.3km az=119.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, ASAR, WRA, FITZ, FINES.

WEL 12 20:22:18.6, 0.3, 41.13Sx173.12E, h132km, 2km, ML3.6/4, 8C, Error ellipse: s-maj=1.9km s-min=1.6km az=0.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNZ, QUZ, THZ, TUWZ, DSZ, MRW, MWZ, SNZO, KHZ, BHW, KIW, CAW, MSWZ, LTZ, MTW, WAZ, VRZ, MOZ, WYZ, LBZ, ODZ.

IDC 12 20:49:18.9, 1.6, 21.46Sx173.83W, mb3.7/3, mb1.4/2.4, mb1mx3.9/17, ML4.5/1, Error ellipse: s-maj=96.2km s-min=27.5km az=163.0

ISC 12 20:49:21.2, 1.1, 22.0S, 0.6x173.7W, 0.2, h33km, n5, a121/4, mb3.8/3, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR, ASAR, WRA, NVAR, AKASG.

IDC 12 21:38:45.9, 11.0, 25.56Sx179.01W, h405km, 121km, mb3.3/5, mb1 3.5/6, mb1mx3.3/16, Error ellipse: s-maj=164.0km s-min=56.1km az=77.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, CTA, STKA, ASAR, WB2, WRA, FITZ.

IDC 12 21:45:49.6, 1.4, 51.63N, 166.53W, mb3.7/6, mb1 3.9/7, mb1mx3.7/24, ML3.6/1, Error ellipse: s-maj=38.4km s-min=24.2km az=163.0

NEIC 12 21:45:53.7, 51.81N, 166.37W, h18km, ML2.9(AEIC), After AEIC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MGOD, UNV, MNAT, MSW, MCIR, MTBL, AHB, GSIG, KIMD, ELISON, ILAR.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK, PDAR, SONM, BVAR, MKAR, ASAR.

IDC 12 22:07:02.1, 4.2, 7.11S, 127.91E, h226km, 37km, mb3.1/3, mb1 3.4/6, mb1mx3.2/13, Error ellipse: s-maj=76.2km s-min=17.6km az=64.0

NEIC 12 22:07:03.5, 1.7, 7.20S, 127.92E, h235km, 16km, mb3.9/5, Error ellipse: s-maj=29.7km s-min=13.6km az=58.0

ISC 12 22:07:00.1, 1.8, 7.15S, 0.1, 127.82E, 0.1, h218km, 18km, n15, a110/21, mb3.5/5, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, FITZ, WRAB, WRA, WB2, ASAR, ASPA, STKA, CM31, MKAR, VNSA, QSPA, CPUP.

NEIC 12 22:08:22.9, 43.05N, 6.89E, h2km, ML2.8(LDG), ML2.7(STR), After LDG

STR 12 22:08:25.3, 0.6, 43.16N, 6.92E, h5km, 1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 12 22:08:22.9, 0.1, 43.05N, 6.89E, h2km, MD2.9/2, ML2.8/12, Error ellipse: s-maj=2.0km s-min=1.4km az=156.0, Near south coast of France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LMR, LFR, CALN, REV, CALN, REV, MONT, VIAL, SOSP, SBF, NEGI, TOUF, AUTN, IMI, MONE, STV, STV2, ENR, ENR, SMRF, ROBU, ROU, SURF, PZZ, FIN, FIN, PGF, MBDF, MBDF.

BHB Briccherasio 1.81 8 P Pn 22 08 53.1 -2.3

RRL Cesana Torines 1.87 358 P S 22 08 57.0 +0.3

FENE Fenestrelles 1.98 3 P Pn 22 09 20.5 -0.2

ORIF Oris-en-Rattie 2.01 339 eP Pg 22 09 00.4 -2.6

RSP Reno Superiore 2.12 7 P Pn 22 08 57.7 -2.1

LSL Ceresole Reale 2.42 4 P S 22 09 05.4 +1.4

LSL Saint-Julien-l 2.42 319 S S 22 09 07.4 +2.8

LAS F St Croix 2.43 296 eP Pn 22 09 01.5 -2.8

LPG La Plagne 2.45 358 eP Pg 22 09 03.3 -3.5

LPL La Plagne 2.47 357 eP Pg 22 09 07.3 -3.5

MTLF Montolieu 3.43 276 eP Pn 22 09 15.5 -3.0

CABF La Chapelle Calviac 3.61 351 eP Pg 22 09 30.1 -4.8

MEI Imperia 1.77 156 P Pn 22 09 22.3 -3.4

NEGI Negli 1.99 161 P Pn 22 09 06.2 -0.7

CALN Calern 1.79 180 Pn Pg 22 09 21.6 -2.1

SMRF Simiane la Rot 1.83 212 eP Pg 22 09 18.8 -2.0

RVF Les Rejaudoux 4.48 302 eS N 22 09 19.2 -7.6

AVF Avril sur Loir 4.51 327 eP Pg 22 09 14.5 -6.4

TSCF Toulx Ste Croi 4.65 316 eP Pg 22 09 48.4 -7.4

TSF Saint Saugle 4.67 330 eP Pg 22 09 49.7 -6.5

LOR Lormes 4.73 334 eP Pg 22 09 50.0 -7.4

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HYF, NEIC, AEIC, Rat Islands.

NEIC 12 22:13:28.7, 50.22N-179.01E, h1km, ML3.5(AEIC), After AEIC, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIMD, KIWB, KIKV, KIKC, KIRH, ADAG, GSTD, GSMY, GSTR, GSIG, ATKA.

NEIC 12 22:13:57.9, 3.1, 8.83S, 127.86E, h107km, 34km, mb4.3/4, Error ellipse: s-maj=28.5km s-min=22.2km az=171.0

IDC 12 22:14:00.6, 10.0, 8.96S, 127.87E, h145km, 117km, mb2.9/1, mb1 3.4/4, mb1mx3.2/13, ML3.7/3, Error ellipse: s-maj=76.1km s-min=42.4km az=19.0

ISC 12 22:13:54.8, 1.8, 8.72S, 0.0, 127.80E, 0.10, h95km, 21km, n10, a1934/17, mb3.0/1, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, FITZ, WRAB, WRA, WB2, ASAR, ASPA, PMG, MKAR.

STR 12 22:16:47.6, 0.1, 45.54N, 6.69E, h5km, 1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 12 22:16:47.1, 45.61N-6.90E, h4km, ML2.0/6

NEIC 12 22:16:48.0, 45.54N-6.91E, h2km, ML2.8(GEN), ML2.7(STR), ML2.6(LDG), After LDG

LDG 12 22:16:48.0, 0.1, 45.54N, 6.91E, h2km, M2.6/2, M2.6/22, SC-3D, Error ellipse: s-maj=2.3km s-min=1.3km az=90.0, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL, LPL, RSL, ROSEL, RSP, RSP, BNI, EMV, EMV, FENE, FENE, TRAV, SALAN, SALAN, RRL, RRL, DIX, DIX, GRVON, BHB, BHB, AIGLE, AIGLE, OG01, OG01, MBDF, MBDF, SENIN, SENIN, ORIF, ORIF, PZZ, PZZ, SURF, SURF, GIMEL, GIMEL, CABF, CABF, TORNY, TORNY, STV2, STV2, STV, STV, ENR, ENR, ROU, ROU, BRANT, BRANT, MONE, MONE, FIN, FIN, SBF, SBF, VIVF, VIVF, VIVF, VIVF, IME, IME, NEGI, NEGI, CALN, CALN, SMRF, SMRF, FRF, FRF.

EMV 2.6nm,0.4s iSg Pg 22 16 53.7 -1.7

FENE Fenestrelles 0.52 168 P Pg 22 17 07.7 -0.2

TRAV Traversetolo 0.59 93 P Sg 22 17 04.9 -0.3

SALAN Lac Salanne 0.60 41 iPg Pg 22 16 58.7 -1.4

RRL Cesana Torines 0.63 188 P Pg 22 16 59.9 -0.8

DIX Grande Dixence 0.64 33 ePg Pg 22 17 09.0 -1.0

GRVON Gryon 0.72 11 iPg Pg 22 17 01.1 -1.3

BHB Briccherasio 0.74 160 P Sg 22 17 02.1 -0.7

AIGLE Aigle 0.80 21 iPg Pg 22 17 02.3 -1.7

OG01 Varcherose 0.80 347 P Sg 22 17 13.8 -1.0

MBDF Montbardon 0.82 189 ePg Pg 22 17 02.8 -1.6

SENIN Lac Sanin 0.86 18 iPg Pg 22 17 03.8 -1.5

ORIF Oris-en-Rattie 0.96 230 ePg Pg 22 17 05.4 -1.7

PZZ Prazzo 1.05 172 P Sg 22 17 07.8 -0.6

SURF Saint-Ours 1.06 184 P Sg 22 17 07.8 -1.4

GIMEL Gimel 1.09 336 iPg Pg 22 17 07.8

GIMEL Gimel 1.09 336 iPg Pg 22 17 07.9 -1.3

CABF La Chapelle 1.21 332 ePg Pg 22 17 08.2 -1.6

TORNY Tony 1.23 21 iPg Pg 22 17 10.9

STV2 Anna di Valdie 1.33 167 P Pn 22 17 11.9 -1.4

STV Sta Anna Valdi 1.33 167 P Pn 22 17 11.9 -1.4

ENR Entraque 1.36 164 P Sg 22 17 12.4 -1.5

ROU Roburent 1.42 151 P Sg 22 17 29.9 -1.9

BRANT Les Verrieres 1.43 348 ePn Pg 22 17 14.2 -0.8

MONE Monesi 1.58 157 P Pn 22 17 15.0 -2.2

FIN Finale Ligure 1.62 145 P Pn 22 17 17.7 -0.1

SBF Sospel 1.72 167 ePg Pg 22 17 19.5 -2.8

VIVF Saint-Julien-l 1.72 247 ePn Pg 22 17 17.4 -1.8

VIVF Vif 1.79 156 P Pn 22 17 19.7 -2.7

IME Imperia 1.77 156 P Pn 22 17 17.6 -2.4

NEGI Negli 1.99 161 P Pn 22 17 19.8 -0.3

CALN Calern 1.79 180 Pn Pg 22 17 21.6 -2.1

SMRF Simiane la Rot 1.83 212 eP Pg 22 17 18.8 -2.0

FRF La Foret Royal 1.99 185 ePg Pg 22 17 24.9 -2.8

FRF La Foret Royal 1.99 185 ePg Pg 22 17 24.9 -2.8

Table with columns: LMR, La Mourre, 2.23 188, ePg, Pg, 22 17 29.1 -3.3, etc. Includes stations like Hinterafield, Signal de Mont, Haudompre, Ste Croix, etc.

IDC 12 22:47.0.2.1, 2.66S, 139.38E, mb3.4/2, mb1 3.7/3, mb1mx3.5/10, ML3.4/1, Error ellipse: s-maj=96.4km, s-min=31.3km az=84.0, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Warramunga Arr, ASAR, MKAR, CPUP.

IDC 12 22:47.01.7.9.4, 2.09N, 128.78E, h151km, 89km, mb3.8/6, mb1 3.9/6, mb1mx3.6/15, Error ellipse: s-maj=145.0km, s-min=17.9km az=69.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Warramunga Arr, WB2, ASAR, STKA, MKAR, ARCES.

IGQ 12 22:52:41.3, 2.39S, 75.88W, h12km, 19km, mb4.3, Error ellipse: s-maj=18.1km, s-min=4.2km az=34.1, NEIC 12 22:52:45.2, 0.8, 2.26S, 75.93W, h168km, 9km, mb4.2/6, Error ellipse: s-maj=14.0km, s-min=7.0km az=72.0

IDC 12 22:52:52.4, 0.1, 1.92S, 75.12W, h266km, 34km, mb3.4/8, mb1 3.7/10, mb1mx3.5/21, Error ellipse: s-maj=56.2km, s-min=11.2km az=70.0

IDC 12 22:52:44.1-0.5, 2.32S, 0.05E, 76.00W, 0.07, h170km, 7km, n48, c1151/52, mb4.0/13, 5C-9D, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes ULBA, PATA, RUN2, ARRY, REFUGIO, JUUV, CUSU, PISA, EPALM, IGUA, CONE, TAMB, VAS1, NAS1, ELAGU, CAYR, CAYA, QIL1, JUJ2, GGP, CGGP, YANA, PINO, JORI, COTAC, COTV, ROSC, NNA, SDV, SAMU, LPAZ, LPZ, LVC, CPUP, TRQA, PLCA, TXAR.

Table with columns: PDAR, HWUT, ULM, NVAR, YKA, YKA, DBIC, SUMG, SNA, QSPA, QSPA, WRA. Includes Pinedale Array, Hardware Ranch, Lac du Bonnet, Mina Array, Yellowknife Ar, Yellowknife Ar, Yellowknife Ar, Dimbokro, Summ, SNA, South Pole Qui, Warramunga Arr.

ISK 12 23:08:20.1, 36.86N, 27.64E, h7km, MD3.4, NEIC 12 23:08:22.3, 36.89N, 27.54E, h17km, MD3.4(ATH), After H.

ATH 12 23:08:22.2, 36.89N, 27.55E, h17km, 7km, MD3.4/7, ISC 12 23:08:21.4, 0.8, 36.87N, 0.04, 27.67E, 0.04, h10km, 6km, n19, c079/25, Decadense Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Kayabasi, Milas, MLSB, NISR, YER, ARG, ARG, ARG, AYDN, AYDN, SMG, DNZL, KARP, DENT, IZM, KSL, AP, APE, ELL, AKS, BCK, PRK.

ATH 12 23:18:27.9, 34.94N, 19.26E, h31km, MD3.5/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Ithomi, KYTH, VLM, VAM.

IDC 12 23:53:20.5, 2.7, 32.07S, 71.33W, h56km, 25km, mb4.4/3, mb1 4.3/7, mb1mx3.9/16, ML4.4/4, MS3.3/2, Mst 3.3/2, ms1mx3.0/18, Error ellipse: s-maj=30.8km, s-min=19.3km az=102.0, GUC 12 23:53:21.2, 1.0, 32.13S, 71.48W, h72km, 6km, MD4.2, ML4.4

NEIC 12 23:53:21.9, 0.3, 32.14S, 71.46W, h71km, 3km, mb4.3/7, MD4.2(GUC), Error ellipse: s-maj=8.5km, s-min=2.9km az=92.0, NEIC Felt [I] at La Liga, Puchuncavi, Quillota, Vina del Mar and Valparaiso; [II] at Los Vilos.

ISC 12 23:53:20.8, 0.5, 32.14S, 0.02, 71.53W, 0.08, h79km, 4km, n50, c075/63, mb4.4/10, 17C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Petorca, Ithapel, IHA, IACH, CMCH, LCHL, PUEX, PUEX, RCDM, RCDM, DSCH, DSCH, DSCH, SAN, SAN, CLCH, CLCH, CLCH, OVCH, OVCH, FCH, FCH, FCH, ANTU, ANTU, ANTU, PCH, LNV, NICH, CHCH, LMEL, LMEL, TLL, TLL, TLL, CACH, LSCH, CICH, MDZ, MDZ, MDZ, SFDO, NICH, TALC, VACH, VACH, CCHI, PLCA, PLCA, LVC.

Table with columns: LVC, LVC, TRQA, CPUP, CPUP, LPAZ, LPAZ, USHA, SAML, SAML, SAML, BDFB, BDFB, SNA, SNA, QSPA, QSPA, Vnda, Vnda, TXAR, TXAR, LIC, LIC, TIC, TIC, KIC, KIC, DBIC, DBIC, MAW, MAW, WRA, WRA, MKAR, MKAR. Includes comp=E, 0.6nm, 0.3s, baz=175, slow=9.4, SNR=8.5, etc.

NEIC 13 00:21:13.9, 1.4, 5.39S, 129.11E, h220km, 14km, mb4.3/10, Error ellipse: s-maj=15.2km, s-min=8.0km az=66.0, IDC 13 00:21:16.3, 2.6, 5.53S, 129.00E, h237km, 25km, mb3.9/11, mb1 4.0/14, mb1mx3.9/18, Error ellipse: s-maj=21.6km az=65.0

ISC 13 00:21:11.9, 1.3, 5.30S, 0.05, 129.2E, 0.1, h215km, 13km, n34, c087/35, mb4.1/16, 2D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes Kakadu, FITZ, FITZ, WRAB, WRA, WRA, WRA, PMG, ASAR, ASAR, ASPA, ASTA, CTA, CTA, CTA, STKA, CMAR, ENH, MAJO, LSA, RPZ, URZ, SONM, MKAR, KURK, Vnda, Vnda, MAW, QSPA, TXAR, LVC, LPUZ, LPAZ, LPAZ, LPZ, TXAR, URZ, CTA, ASAR, WRA, FITZ, Vnda.

NEIC 13 01:19:24.0, 0.6, 42.29N, 106.96W, h5km, ML3.5, Error

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FALS False Pass, AKLV Akutan Long Va, AKGG Akutan Green G, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR comp=Z,6.4nm,0.8s,mb4.6, etc.

13d 10h

2004 AUG

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Table with columns for flight codes (e.g., AML, ASH, JBP), destinations (e.g., Almyashu, Ashkhabad, Jabalpur), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., MAK, MAK, MAK), destinations (e.g., Mak, Mak, Mak), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., CHG, TBKS, CD2), destinations (e.g., Chiang Mai, Tabuk, Chengdu), times, and status indicators (e.g., P, S, M, L).

KIS	Kishinev	35.26	309	eP	P	10 55 32.0	-1.4
KIS				e	S	10 56 46.0	
KIS				eS	S	11 01 01.0	-5.0
KIS				e		11 01 12.0	
KIS	comp=Z,180nm,1.4s,mb5.8			pmax	pmax		
KIS	comp=Z,2um,18.0s,MS4.8			MLR	MLR		
KDAG	Bornova	35.54	294	iP	P	10 55 35.3	-0.7
TIY	Taiyuan	35.63	67	iP	P	10 55 37.0	+0.3
TIY				S	P	11 01 15.0	+3.1
TIY	comp=N,5um,14.0s			LR	LR		
TIY	comp=Z,2um,16.0s,MS5.0			LR	LR		
SART	Tekirdag	35.63	298	iP	P	10 55 36.1	-0.5
AKASG	Malin Array Be	35.96	315	P	P	10 55 39.1	-0.2
AKASG	comp=Z,54nm,0.8s,mb5.5,baz=99,slow=7.0,SNR=138			LR	LR	11 13 32.5	
AKASG	Malin Array Be	35.96	315	P	P	10 55 39.1	-0.2
AKASG	comp=Z,54nm,0.8s			pmax	pmax		
AKASG	comp=Z,2um,18.7s,MS5.0,baz=95,slow=42			MLR	MLR		
ALN	Alexandroupoli	36.50	298	eP	P	10 55 44.4	+0.4
DIM	Dimitrovgrad	36.93	300	iP	P	10 56 00.7	+1.3
RZN	Rozhen	37.53	299	iP	P	10 55 53.5	+0.9
PGB	Panagyurishte	37.97	301	iP	P	10 55 58.0	+1.7
QIZ	Qiongzong	37.98	99	PP	PP	10 57 27.8	+1.3
QIZ				S	S	11 01 49.1	+1.1
QIZ				XS	XS	11 02 03.3	
QIZ	comp=Z,36nm,2.1s,mb4.7			AMB	AMB		
QIZ	comp=Z,128nm,3.6s			AMB	AMB		
QIZ	comp=N,2um,18.0s,MS5.0			LR	LR		
QIZ	comp=E,957nm,14.1s,MS5.0			LR	LR		
QIZ	comp=Z,1um,16.8s,MS4.8			LR	LR		
WHN	Wuhan	38.10	79	iP	P	10 55 58.5	+0.9
WHN	comp=Z,64nm,1.0s,mb5.3			AMB	AMB		
WHN	comp=N,3um,17.4s,MS5.4			LR	LR		
WHN	comp=E,5um,20.8s,MS5.4			LR	LR		
WHN	comp=Z,5um,18.1s,MS5.3			LR	LR		
MMB	Musomiste	38.27	299	iP	P	10 55 59.5	+0.7
PAIG	Paliouri	38.30	297	eP	P	10 55 59.5	+0.6
GVD	Gavdhos	38.35	288	eP	P	10 55 59.0	-0.6
SRS	Serrai	38.36	298	eP	P	10 56 00.0	+0.4
BJT	Baijiatuu	38.49	63	iP	P	10 56 03.0	+2.3
BJT	comp=Z,150nm,1.0s,mb5.7			LR	LR		
BJT	comp=Z,2um,21.0s,MS4.8			LR	LR		
BJI	Beijing	38.49	63	P	P	10 56 03.1	+2.4
BJI				S	S	11 02 00.3	+4.8
BJI	comp=Z,112nm,0.9s,mb5.6			AMB	AMB		
BJI	comp=N,2um,12.1s			LR	LR		
BJI	comp=E,2um,17.2s			LR	LR		
BJI	comp=Z,2um,26.8s			LR	LR		
BJI	Beijing	38.49	63	P	P	10 56 03.1	+2.4
BJI	comp=Z,112nm,0.9s,mb5.6			S	S	11 02 00.3	+4.8
BJI				LR	LR		
VTS	Vitosha	38.68	301	iP	P	10 56 03.5	+1.2
XOR	Xorichti	38.70	296	eP	P	10 56 02.1	+0.3
KKB	Krupnik	38.75	300	iP	P	10 56 03.5	+0.6
KNT	Kendrikon	38.89	299	eP	P	10 56 04.2	+0.2
LVV	L'vov	38.96	312	iP	P	10 56 04.7	+0.2
PUL	Pulkovo	39.08	329	eP	P	11 02 04.8	+2.3
PUL				eS	S	10 56 05.6	+0.2
PUL				i	PPP	10 57 59.3	-3.0
PUL				i	PPP	10 58 16.6	
PUL	comp=Z,121nm,0.6s,mb5.8			pmax	pmax		
PUL	comp=N,418nm,0.8s			pmax	pmax		
PUL	comp=E,429nm,0.9s			pmax	pmax		
PUL	comp=Z,2um,14.0s,MS5.1			MLR	MLR		
PUL	comp=N,2um,21.0s			MLR	MLR		
PUL	comp=E,4um,16.0s			MLR	MLR		
GRG	Griva	39.26	298	eP	P	10 56 07.7	+0.5
IPM	Iphoh	39.34	125	iP	P	10 56 09.0	+0.9
GRG	Guangzhou	39.37	91	P	P	10 56 08.8	+0.6
GZH				S	S	11 02 09.3	+0.3
GZH	comp=N,2um,13.7s			LR	LR		
GZH	comp=E,1um,19.3s			LR	LR		
GZH	comp=Z,2um,18.9s			LR	LR		
BOLS	Boljevac	39.64	303	iP	P	10 56 10.7	+0.4
BARs	Barje	39.70	301	iP	P	10 56 11.0	+0.2
KWP	Kalwaria	39.77	312	eP	P	10 56 11.9	+0.6
KWP				ePP	PP	10 56 17.2	+2.4
SKO	Skopje	39.98	300	iP	P	10 56 13.2	+0.1
FNA	Florina	40.05	298	eP	P	10 56 13.8	+0.2
MEV	Metsovon	40.20	296	eP	P	10 56 15.2	+0.3
BOD	Bodalbo	40.42	319	eP	P	10 56 17.0	+0.5
SUW	Suwalki	40.47	35	eP	P	10 56 16.6	+0.3
SUW				MLR	MLR		
IGT	Igoumenitsa	40.90	296	eP	P	10 56 19.8	-0.9
NVSS	Nova Varos 2	41.27	302	iP	P	10 56 19.1	-4.5
WAR	Warsaw	41.31	316	iP	P	10 56 24.2	+0.3
WAR	comp=Z,2um,24.5s,MS4.9			MLR	MLR		
PSZ	Piszkesteto	41.38	309	iP	P	10 56 25.7	+1.2
HIA	Hialar	41.55	49	iP	P	10 56 28.0	+2.2
HIA	comp=Z,132nm,1.1s,mb5.4			LR	LR		
HIA	comp=Z,5um,19.0s,MS5.4			LR	LR		
NJ2	Nanjing	41.56	75	eP	PP	10 56 28.0	+1.8
NJ2				PP	PP	11 03 03.7	-3.7
NJ2				S	SS	11 05 39.0	-2.4
NJ2	comp=N,1um,15.0s			LR	LR		
NJ2	comp=E,2um,20.2s			LR	LR		
NJ2	comp=Z,2um,18.0s,MS5.0			LR	LR		
FINES	FINES Array B	41.71	330	P	P	10 56 27.5	+0.5
FINES	comp=Z,21nm,0.5s,mb5.0,baz=121,slow=11,SNR=97			PP	PP	10 58 03.7	-3.0
FINES	comp=Z,10nm,0.7s,baz=112,slow=10,SNR=4.0			LR	LR	11 15 47.6	
FINES	comp=Z,3um,18.3s,MS5.2,baz=292,slow=39			P	P	10 56 27.5	+0.5
FINES	FINES Array B	41.71	330	P	P	10 58 03.7	
FINES	comp=Z,21nm,0.5s			pmax	pmax		
FINES	comp=Z,11nm,0.7s			pmax	pmax		
FINES	comp=Z,3um,18.3s			MLR	MLR		
FINES	FINES Array B	41.71	330	P	P	10 56 27.5	+0.5
FINES				PP	PP	11 05 47.6	-3.0
FINES				LR	LR	11 15 47.6	
QJC	Ojcow	41.72	312	eP	P	10 56 27.7	+0.5
QJC				eS	S	11 02 40.4	-3.3
QJC	comp=Z,1um,18.0s,MS4.9			MLR	MLR		
KAF	Kangasniemi	41.92	331	eP	P	10 56 28.0	-0.7
KAF	comp=Z,29nm,0.5s,mb5.2			MLR	MLR		
KAF	Kangasniemi	41.92	331	eP	P	10 56 28.0	-0.7
KAF				pmax	pmax		

VYHS	Vyhne	42.14	310	iP	P	10 56 31.7	+1.0
VYHS				e	P	10 56 42.2	
LVZ	Lovozero	42.37	341	eP	P	10 56 32.5	+0.2
LVZ				i	P	10 56 32.8	+0.2
LVZ				i	PPP	10 58 24.8	
LVZ				i	PPP	10 58 43.0	-3.0
LVZ				eS	SS	11 02 52.9	-0.2
LVZ				iSS	SS	11 05 53.0	-3.1
LVZ	comp=Z,90nm,1.0s,mb5.3			pmax	pmax		
LVZ	comp=N,14nm,0.8s			pmax	pmax		
LVZ	comp=E,27nm,1.1s			pmax	pmax		
LVZ	comp=Z,36nm,9.8s			smax	smax		
LVZ	comp=N,109nm,11.9s			smax	smax		
LVZ	comp=E,125nm,11.6s			MLR	MLR		
LVZ	comp=Z,2um,15.0s,MS5.2			MLR	MLR		
LVZ	comp=N,1um,13.0s,MS5.2			MLR	MLR		
LVZ	comp=E,2um,14.0s,MS5.2			MLR	MLR		
SRO	Srobarova	42.43	309	eP	P	10 56 34.5	+1.4
Bakonyi	Bakonyi	42.49	306	iP	P	10 56 34.1	+0.5
APA	Apatity	42.50	340	iP	P	10 56 33.5	+0.1
APA				i	PP	10 56 38.5	+1.5
APA				i	PP	10 56 46.2	
APA				i	PP	10 58 17.6	
APA				i	PP	10 58 32.2	-1.6
APA				eS	S	11 02 50.0	-5.0
APA	comp=Z,76nm,0.8s,mb5.5			pmax	pmax		
APA	comp=Z,4um,11.0s,MS5.6			MLR	MLR		
OKK	Ostrava-Krasne	42.73	312	eP	P	10 56 36.4	+0.9
OKK				LM	LM	11 18 20.0	
KGM	Kluang	42.76	126	iP	P	10 56 37.3	+1.0
MORC	Moravsky Brno	43.11	311	iP	P	10 56 39.4	+0.8
ZST	Zentrum	43.27	309	iP	P	10 56 40.9	+1.0
ZST				e	P	10 56 51.9	
TIP	Timpagrande	43.69	296	eP	P	10 56 43.1	-0.4
SSE	Sheshan	43.72	76	eP	P	10 56 45.3	+1.5
SSE				AP	S	11 03 13.1	-0.1
SSE				XS	S	11 03 17.8	
SSE	comp=Z,80nm,1.4s,mb5.3			AMB	AMB		
SSE	comp=Z,239nm,3.9s			AMB	AMB		
SSE	comp=N,5um,24.4s,MS5.4			LR	LR		
SSE	comp=E,1um,24.3s,MS5.4			LR	LR		
SSE	comp=Z,3um,15.0s			LR	LR		
SSE	Sheshan	43.72	76	P	P	10 56 45.3	+1.5
SSE	comp=Z,80nm,1.4s,mb5.3			p	S	10 56 48.4	+1.0
SSE				S	S	11 03 13.1	-0.1
SSE				SS	SS	11 03 17.8	
SSE				SS	SS	11 06 28.0	+6.7
SSE				LR	LR		
GKP	Gorka Kiasztor	43.76	316	eP	P	10 56 44.0	+0.2
GKP				MLR	MLR		
DPC	Dobruska-Polom	43.95	312	eP	P	10 56 46.6	+1.2
DPC				LM	LM	11 18 40.0	
TDS	Terranova Siba	43.97	297	iP	P	10 56 46.5	+0.8
GRI	Girifalco	43.99	295	iP	P	10 56 46.3	+0.4
KSP	Ksiaz	44.02	313	eP	P	10 56 48.4	+1.0
KSP				eS	SS	11 03 15.0	-2.3
KSP				eSS	SS	11 06 38.0	+1.2
KSP				MLR	MLR		
comp=Z,3um,19.4s,MS5.3				MLR	MLR		
Shenyang	Shenyang	44.02	60	iP	P	10 56 47.3	+1.2
SNY				AP	pP	10 56 53.8	+4.1
SNY				XP	sP	10 56 57.6	+6.4
SNY				S	S	11 03 21.8	+4.3
SNY				AMB	AMB		
SNY	comp=Z,80nm,0.7s,mb5.6			LR	LR		
SNY	comp=N,1um,15.6s,MS5.2			LR	LR		
SNY	comp=E,2um,17.2s,MS5.2			LR	LR		
SNY	comp=Z,2um,16.5s,MS5.2			LR	LR		
FGMS	Monte Sant'Ang	44.09	300	iP	P	10 56 46.8	+0.2
ARSA	Arzberg	44.29	308	iP	P	10 56 48.9	+0.7
CRES	Cresnjevec ost	44.31	306	iP	P	10 56 49.9	+0.5
CRES				e	P	10 59 05.5	
RGNG	Rignano Grg	44.36	300	iP	P	10 56 48.8	-0.1
KMBO	Kilima Mbogo	44.40	230	P	P	10 56 51.9	+2.4
KMBO	comp=Z,12nm,0.8s,mb4.7,baz=38,slow=11,SNR=29			LR	LR	11 17 30.0	
KMBO	comp=Z,823nm,18.6s,MS4.7,baz=265,slow=39			LR	LR		
KMBO	Kilima Mbogo	44.40	230	eP	P	10 56 52.1	+2.5

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MDJ, MOR8, KAMOR, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Port Moresby, and various other locations.

Table with columns: SMF, Signal de Mont, 155.44, 0, ePKP2, PKPab, 12.39 00.9 -0.9. Includes stations like Bois d'Angland, Montbardon, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like baz=94, slow=18, baz=84, slow=28, and various other locations.

IDC 13 22:28:49.7.3.1, 6.55S, 127.40E, mb3.6/1, mb1 3.8/3, mb1mx3.6/9, ML3.2/2, Error ellipse: s-maj=472.0km

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

NEIC 13 22:41:15.0, 45.12S, 167.56E, h123km, After WEL. WEL 13 22:41:15.6-0.4, 45.11S, 167.49E, h113km, 3km, ML3.9/7, 1D, Error ellipse: s-maj=2.9km s-min=1.9km az=90.0,

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

TRN 13 23:16:04.3, 12.94N, 60.59W, h57km, MD3.5, 1C-1D, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVV Soufriere Volc, SVB Belmont, GRW Mount Saint Ca, etc.

HEL 13 23:18:14.8, 0.0, 67.84N, 20.11E, ML1.9, ML2.1 (UPP), ML1.9 (BER), Explosion

NAO 13 23:18:16.5, 3.2, 67.84N, 20.58E, ML2.3

BER 13 23:18:16.0, 3.5, 67.89N, 20.18E, ML1.9, ML2.3 (NAO), Suspected explosion

ISC 13 23:18:13.0, 5.5, 67.82N, 0.02, 20.16E, 0.08, n25, 0.06/1/36,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, MASU Masugnsvin, etc.

baz=19, slow=28

INMG 13 23:24:48.9, 0.8, 38.99N, 9.16W, h21km, 5km, ML1.2, Error ellipse: s-maj=7.1km s-min=2.0km az=91.0, MDD 13 23:24:49.0, 1.4, 39.00N, 9.16W, h19km, 8km, mbLg1.6/7, Error ellipse: s-maj=11.8km s-min=5.1km az=89.0,

PRXIMO ISC 13 23:24:49.0, 1.5, 39.01N, 0.04, 9.2W, 0.1, h21km, n14, 0.127/15, Portugal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLOU Loures, INMG Instituto de M, PTOM Tomar, etc.

MAN 13 23:25:24.3, 10.38N, 126.04E, h21km, mb4.4, ML3.2, MS3.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLP Maasin, PLP Palo, BESP Borongan, etc.

IDC 13 23:26:08.7, 0.9, 34.47N, 141.65E, mb3.5/7, mb1 3.7/9, mb1mx3.6/23, ML3.5/2, Error ellipse: s-maj=27.3km, s-min=18.4km az=111.0,

JMA 13 23:26:09.6, 0.3, 34.42N, 141.83E, h35km, 2km, M3.0

NEIC 13 23:26:14.1, 2.0, 34.45N, 141.62E, h36km, 1.7km, Error ellipse: s-maj=20.1km s-min=14.9km az=76.0,

ISC 13 23:26:11.2, 1.6, 34.45N, 0.04, 141.70E, 0.08, h29km, 1.1km, n21, 0.06/26, mb3.6/8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, CHOU Chosi, etc.

IDC 13 23:44:51.4, 8.7, 34.60S, 179.07W, h52km, 78km, mb3.8/3, mb1 4.0/4, mb1mx3.8/12, ML4.1/1, Error ellipse: s-maj=63.0km s-min=54.8km az=153.0,

NEIC 13 23:44:55.9, 1.7, 35.04S, 179.13W, h100km, Error ellipse: s-maj=35.6km s-min=12.3km az=101.0,

ISC 13 23:44:47.9, 2.5, 35.05S, 0.1, 179.14W, 0.4, h33km, n13, 0.057/16, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, etc.

THE 13 23:56:32.9, 4.1, 10N, 25.06E, h6km, ML3.2

NEIC 13 23:56:32.1, 4.1, 25N, 25.09E, h15km, MD3.5(ATH), ML3.2(TH), After ATH.

ATH 13 23:56:32.1, 4.1, 25N, 25.09E, h15km, 5km, MD3.5/5

ISC 13 23:56:31.7, 0.5, 41.17N, 0.05, 25.07E, 0.03, h6km, n22,

0.093/30, 1D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RDO Rodhopi, ALN Alexandroupoli, etc.

MOS 14 00:03:35.2, 2.4, 50.14N, 87.84E, h15km, mb4.0/1, Error ellipse: s-maj=49.7km s-min=19.0km az=101.0,

NNC 14 00:03:38.1, 2.1, 50.12N, 87.37E, h27km, 13km, mpv3.8, Error ellipse: s-maj=19.4km s-min=9.0km az=87.0,

ISC 14 00:03:32.7, 1.0, 50.03N, 0.06, 87.28E, 0.08, h10km, n11, 0.135/21, 7C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKAR Aktash, ARTR Artybakh, etc.

ISK 14 00:03:53.5, 36.92N, 27.75E, h16km, MD3.5

NEIC 14 00:03:55.4, 36.87N, 27.72E, h5km, MD3.5(ATH), After ATH.

ATH 14 00:03:55.4, 36.87N, 27.72E, h5km, MD3.5/8

ISC 14 00:03:54.2, 0.0, 36.92N, 0.03, 27.80E, 0.04, h9km, 5km, n20, 0.11/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, MLBS Milas, etc.

IDC 14 00:08:32.9, 2.8, 30.38S, 177.46W, mb4.6/4, mb1 4.7/5, mb1mx4.3/12, ML3.1/1, Error ellipse: s-maj=58.9km s-min=34.7km az=116.0,

ISC 14 00:08:30.5, 0.5, 30.55S, 0.1, 177.3W, 0.7, h33km, n11, 0.073/11, mb4.5/5, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, etc.

IDC 14 00:10:51.4, 3.0, 34.51S, 178.90E, mb4.0/2, mb1 4.3/3, mb1mx4.0/10, ML3.9/1, Error ellipse: s-maj=64.6km s-min=44.7km az=93.0,

ISC 14 00:10:39.3, 2.8, 34.45S, 0.1, 179.3W, 0.4, h10km, n7,

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KSH	Kashi	4.82	46	eP	P	00 38 58.5 +2.8
KSH	Kashi			S	S	00 39 50.8 +0.1
DLH	Dalhousie	5.24	134	eP	P	00 39 01.0 -0.4
DLH	Dalhousie			eS	S	00 40 00.0 -1.1
PONG	Pong	5.67	138	eP	P	00 39 13.0 +5.8
PONG	Pong			eS	S	00 40 15.0 +0.2
AML	Almayashu	6.12	16	P	P	00 39 13.5 +0.2
AML	Almayashu			eS	S	00 39 17.8 +0.3
UCH	Uchtor	6.41	21	P	P	00 39 19.9 +1.1
UCH	Uchtor			eS	S	00 40 33.0 -1.0
KZART	Kyzart	6.51	26	P	P	00 39 20.6 -0.1
KZART	Kyzart			eS	S	00 39 23.0 +0.3
SDNR	Erkin-Say	6.64	15	P	P	00 39 25.5 -1.5
EKS2	Erkin-Say			eS	S	00 40 34.1 -7.2
AAK	Ala-Archa	6.78	19	P	P	00 39 27.1 +1.2
AAK	Ala-Archa			eS	S	00 40 50.7 +7.2
KK31	Karatay Array	6.88	354	JP	P	00 39 28.0 -0.2
KK31	Karatay Array			eS	S	00 39 31.1 +0.3
KBK	Karagaybulak	6.93	22	P	P	00 39 30.0 -0.8
KBK	Karagaybulak			eS	S	00 39 42.1 +1.8
SMLA	Simia	7.07	136	JP	P	00 41 11.2
SMLA	Simia			eS	S	00 41 11.2
ULHL	Ulahol	6.93	30	P	P	00 39 50.0 -2.3
ULHL	Ulahol			eS	S	00 41 25.0 -7.4
CHMS	Chumysh	7.19	20	P	P	00 40 06.8 +1.5
CHMS	Chumysh			eS	S	00 41 51.2 -4.3
TKM2	Tokmak 2	7.38	24	P	P	00 40 08.5 +2.0
TKM2	Tokmak 2			eS	S	00 41 56.5
USP	Ospenovka	7.38	17	P	P	00 41 55.0 -5.0
USP	Ospenovka			eS	S	00 40 49.6 +0.1
DDI	Dehra Dun	8.08	135	eP	P	00 40 50.4 +0.3
DDI	Dehra Dun			eS	S	00 40 56.8 -0.3
NDI	New Delhi	8.97	146	eP	P	00 41 03.4 -1.1
NDI	New Delhi			eS	S	00 41 03.4 -1.1
PTH	Pithoragarh	9.93	130	eP	P	00 41 03.4 -1.1
PTH	Pithoragarh			eS	S	00 41 03.4 -1.1
LGTI	Lohaghat	10.02	130	eP	P	00 41 06.6 -0.8
LGTI	Lohaghat			eS	S	00 41 06.6 -0.8
AJM	Ajmer	10.11	164	eP	P	00 41 18.2 +2.1
AJM	Ajmer			eS	S	00 41 16.5 +0.4
MKAR	Makanchi Array	13.27	34	P	P	00 41 12.0 -6.0
MKAR	Makanchi Array			eS	S	00 43 51.3 -1.6
KOLD	Koldanda	13.31	126	eP	P	00 41 26.5 -3.7
KOLD	Koldanda			eS	S	00 41 30.6 -3.5
GKN	Gorkha	13.85	123	eP	P	00 41 30.9 -3.9
GKN	Gorkha			eS	S	00 41 31.5 -2.6
DMN	Daman	14.42	123	eP	P	00 44 29.2 -7.2
DMN	Daman			eS	S	00 41 31.4 -3.2
KKN	Kakani	14.42	122	eP	P	00 42 28.3 +3.7
KKN	Kakani			eS	S	00 42 28.3 +3.7
PKI	Pulchoki	14.65	122	eP	P	00 42 28.3 +3.7
PKI	Pulchoki			eS	S	00 42 28.3 +3.7
KURK	Kurchatov	15.34	17	eP	P	00 42 28.3 +3.7
KURK	Kurchatov			eS	S	00 42 28.3 +3.7
AB31	Akbulak array	15.49	331	JP	P	00 42 28.3 +3.7
AB31	Akbulak array			eS	S	00 42 28.3 +3.7
AB31	Akbulak array			eS	S	00 42 28.3 +3.7
VOSK	Vostochnaya	16.47	359	JP	P	00 42 28.3 +3.7
VOSK	Vostochnaya			eS	S	00 42 28.3 +3.7
ZRNK	Zerenda	16.79	355	JP	P	00 42 28.3 +3.7
ZRNK	Zerenda			eS	S	00 42 28.3 +3.7
ZRNK	Zerenda			eS	S	00 42 28.3 +3.7
BVAO	Borovoye Array	16.79	358	JP	P	00 42 28.3 +3.7
BVAO	Borovoye Array			eS	S	00 42 28.3 +3.7
BVAR	Borovoye Array	16.79	358	JP	P	00 42 28.3 +3.7
BVAR	Borovoye Array			eS	S	00 42 28.3 +3.7
BVAR	Borovoye Array			eS	S	00 42 28.3 +3.7
BVK	Borovoye	16.82	358	eP	P	00 42 28.3 +3.7
BVK	Borovoye			eS	S	00 42 28.3 +3.7
SHL	Shillong	20.45	116	eP	P	00 42 28.3 +3.7
SHL	Shillong			eS	S	00 42 28.3 +3.7
GNI	Garni	21.34	289	P	P	00 42 28.3 +3.7
GNI	Garni			eS	S	00 42 28.3 +3.7
GNI	Garni			eS	S	00 42 28.3 +3.7
ARU	Arti	21.99	341	eP	P	00 42 28.3 +3.7
ARU	Arti			eS	S	00 42 28.3 +3.7
GTA	Goatati	22.56	73	eP	P	00 42 28.3 +3.7
GTA	Goatati			eS	S	00 42 28.3 +3.7
SOMN	Songino Array	28.16	55	P	P	00 42 28.3 +3.7
SOMN	Songino Array			eS	S	00 42 28.3 +3.7
BRTR	Breskin Array B	29.88	288	P	P	00 42 28.3 +3.7
BRTR	Breskin Array B			eS	S	00 42 28.3 +3.7
BRTR	Breskin Array B			eS	S	00 42 28.3 +3.7
AKASG	Malin Array Be	33.40	309	P	P	00 42 28.3 +3.7
AKASG	Malin Array Be			eS	S	00 42 28.3 +3.7
AKASG	Malin Array Be			eS	S	00 42 28.3 +3.7
MLR	Muntele Rosu	35.24	300	P	P	00 42 28.3 +3.7
MLR	Muntele Rosu			eS	S	00 42 28.3 +3.7
MLR	Muntele Rosu			eS	S	00 42 28.3 +3.7
FINES	FINES Array B	37.90	326	P	P	00 42 28.3 +3.7
FINES	FINES Array B			eS	S	00 42 28.3 +3.7
FINES	FINES Array B			eS	S	00 42 28.3 +3.7
CN2	Changchun	41.38	62	eP	P	00 42 28.3 +3.7
CN2	Changchun			eS	S	00 42 28.3 +3.7
ARCES	ARCES Array B	45.23	338	P	P	00 42 28.3 +3.7
ARCES	ARCES Array B			eS	S	00 42 28.3 +3.7
ARCES	ARCES Array B			eS	S	00 42 28.3 +3.7
HFS	Hagfors	45.23	322	P	P	00 42 28.3 +3.7
HFS	Hagfors			eS	S	00 42 28.3 +3.7
HFS	Hagfors			eS	S	00 42 28.3 +3.7
NB2	NORSAR Subarra	44.81	323	P	P	00 42 28.3 +3.7
NB2	NORSAR Subarra			eS	S	00 42 28.3 +3.7
NOA	NORSAR Array B	44.81	323	P	P	00 42 28.3 +3.7
NOA	NORSAR Array B			eS	S	00 42 28.3 +3.7
NOA	NORSAR Array B			eS	S	00 42 28.3 +3.7
LSZ	Lusaka	65.57	227	P	P	00 42 28.3 +3.7
LSZ	Lusaka			eS	S	00 42 28.3 +3.7
INUK	Inuvik	74.08	9	P	P	00 42 28.3 +3.7
INUK	Inuvik			eS	S	00 42 28.3 +3.7
INUK	Inuvik			eS	S	00 42 28.3 +3.7
ILAR	Eielson Array	74.91	16	P	P	00 42 28.3 +3.7
ILAR	Eielson Array			eS	S	00 42 28.3 +3.7
ILAR	Eielson Array			eS	S	00 42 28.3 +3.7
YKA	Yellowknife Ar	81.47	3	P	P	00 42 28.3 +3.7
YKA	Yellowknife Ar			eS	S	00 42 28.3 +3.7
YKA	Yellowknife Ar			eS	S	00 42 28.3 +3.7
WRA	Warramunga Arr	81.53	122	P	P	00 42 28.3 +3.7
WRA	Warramunga Arr			eS	S	00 42 28.3 +3.7
WRA	Warramunga Arr			eS	S	00 42 28.3 +3.7
WRAB	Tennant Creek	81.53	122	P	P	00 42 28.3 +3.7
WRAB	Tennant Creek			eS	S	00 42 28.3 +3.7
ASAR	Alice Springs	83.80	125	P	P	00 42 28.3 +3.7
ASAR	Alice Springs			eS	S	00 42 28.3 +3.7
ASAR	Alice Springs			eS	S	00 42 28.3 +3.7

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
AGO	Saint Agoulin	0.25	66	Pg	Pg	00 57 01.8 +0.1
AGO	Saint Agoulin			Sg	Sg	00 57 05.3 +0.3
PYM	Petit Puy Mans	0.25	145	Pg	Pg	00 57 01.8 0.0
PYM	Petit Puy Mans			Sg	Sg	00 57 05.3 +0.2
TCF	Toulu Ste Croi	0.53	309	eP	eP	00 57 07.0 -0.4
TCF	Toulu Ste Croi			eS	eS	00 57 14.0 -0.6
PLDF	La Plantade	0.57	88	Pg	Pg	00 57 07.7 -0.4
PLDF	La Plantade			Sg	Sg	00 57 15.2 -0.5
BGF	Bois d'Agland	0.60	3	eP	eP	00 57 08.5 -0.4
BGF	Bois d'Agland			eS	eS	00 57 16.2 -0.7
COLF	Collangettes	0.76	125	Pg	Pg	00 57 11.2 -0.8
COLF	Collangettes			Sg	Sg	00 57 21.8 -0.3
LBL	Lubilhac	0.79	157	Pg	Pg	00 57 11.9 -0.6
LBL	Lubilhac			Sg	Sg	00 57 22.3 -0.8
AVF	Avril sur Loir	0.92	24	eP	eP	00 57 14.0 -1.1
AVF	Avril sur Loir			eS	eS	00 57 25.1 -2.2
SMF	Signal de Mont	0.99	46	eP	eP	00 57 15.5 -1.2
SMF	Signal de Mont			eS	eS	00 57 28.8 -1.3
RJF	Les Rejaudoux	1.11	235	eP	eP	00 57 17.8 -1.3
RJF	Les Rejaudoux			eS	eS	00 57 31.7 -2.2
CAF	Calvaci	1.15	207	eP	eP	00 57 18.4 -1.4
CAF	Calvaci			eS	eS	00 57 33.3 -1.9
SSF	Saint Saults	1.21	23	eP	eP	00 57 19.4 -1.5
SSF	Saint Saults			eS	eS	00 57 34.9 -2.1
HYF	Humbigny	1.32	355	eP	eP	00 57 21.3 -1.8
HYF	Humbigny			eS	eS	00 57 38.3 -2.4
LOR	Lormes	1.50	28	eP	eP	00 57 24.8 -2.0
LOR	Lormes			eS	eS	00 57 43.9 -2.9
VIVF	Saint-Julien-I	1.71	129	eP	eP	00 57 28.5 -2.5
VIVF	Saint-Julien-I			eS	eS	00 57 50.4 -3.4
LFF	La Frestale	1.77	236	eP	eP	00 57 29.8 -2.4
LFF	La Frestale			eS	eS	00 57 52.2 -3.7
LASF	Ste Croix	2.02	158	eP	eP	00 57 34.1 -3.0
LASF	Ste Croix			eS	eS	00 57 59.6 -4.5
MFF	Saint Martin d	2.15	289	eP	eP	00 57 32.3 -1.8
MFF	Saint Martin d			eS	eS	00 57 37.0 -2.7
CABF	La Chapelle	2.37	73	eP	eP	00 57 34.5 -2.7
CABF	La Chapelle			eS	eS	00 57 40.9 -3.2
ORIF	Oris-en-Rattie	2.40	115	eS	eS	00 58 11.4 -5.3
ORIF	Oris-en-Rattie			eS	eS	00 57 45.9 -3.7
MTLF	Montleou	2.65	189	eP	eP	00 58 19.2 -5.7
MTLF	Montleou			eS	eS	00 58 23.1 +5.3
LPL	La Plagne	2.78	98	eS	eS	00 57 41.2 -2.2
LPL	La Plagne			eS	eS	00 57 51.8 -4.3
MEZF	Maizieres J'vi	2.97	30	eP	eP	00 58 29.6 +7.0
MEZF	Maizieres J'vi			eS	eS	00 58 55.6 -4.6
HOU	Haudompre	3.17	48	eP	eP	00 58 36.5 +8.8
HOU	Haudompre			eS	eS	00 58 56.5 +8.8
HINF	Hinteralfeld	3.34	55	eP	eP	00 57 58.8 -4.7
HINF	Hinteralfeld			eS	eS	00 57 49.0 -3.2
EPF	Esparrros	3.42	212	eP	eP	00 58 43.8 -6.7
EPF	Esparrros			eS	eS	00 58 45.7 -7.3
GRR	Gorron	3.49	316	eS	eS	00 58 45.7 -7.3
GRR	Gorron			eS	eS	00 57 51.2 -3.5
FLN	La Foliniere	3.59	323	eP	eP	00 57 51.2 -3.5
FLN	La Foliniere			eS	eS	00 57 51.2 -3.5

ZUR 14 01:16:38.5, 45.65N-6.91E, h7km, ML1,3/2
 LDG 14 01:16:37.7-0.2, 45.58N-6.87E, h2km, Md2,0/2, MI2,0/9,
 3C, Error ellipse: s-maj=3.0km s-min=1.4km az=74.0,
 France

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time Res	ISC
LPL	La Plagne	0.12	239	eP	eP	01 16 40.3 +0.3	
LPL	La Plagne			eS	eS	01 16 42.2 +0.6	
LPG	La Plagne	0.12	227	eP	eP	01 16 40.5 +0.5	
LPG	La Plagne			eS	eS	01 16 42.3 +0.7	
EMV	Vieux Emosson	0.49	21	JP	Pg	01 16 46.8 -0.6	
EMV	Vieux Emosson			iS	Sg	01 16 52.8 -1.1	
SALAN	La Salante	0.57	71	JP	Pg	01 16 48.3 -0.8	
SALAN	La Salante			eS	eS	01 16 55.5 -1.2	
DIX	Grande Dixence	0.63	37	eP	eP	01	

14d 3h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SJJFF, EALK, EALK, EPF, EPON, LFF, GEF, KHC, EKA, VRAC, ARCES, ARU, ZRKN, BORVOYE, BVK, KURK, MKAR, SONM, PDAR.

MOS 14 02:15:37.1±1.1, 50.85N, 155.95E, h141km, mb3.8/9, Error ellipse: s-maj=29.0km s-min=9.6km az=68.5

KRSC 14 02:15:40.5±2.1, 50.68N, 156.98E, h107km, 5km, ML4.3

NEIC 14 02:15:40.4±0.9, 98N, 156.09E, h145km, 8km, mb4.2/6, Error ellipse: s-maj=11.0km s-min=6.5km az=146.0

IDC 14 02:15:45.1±4.1, 51.08N, 156.04E, h189km, 39km, mb3.4/18, mb1.3/6/19, mb1mx3.5/24, Error ellipse: s-maj=16.7km s-min=11.7km az=150.0

ISC 14 02:15:38.1±0.4, 50.78N, 155.15E, 128E±0.10, h141km, n77, ±1544/107, mb3.8/24, 1.C, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR, AVF, SMF, MFF, RJF, CAF, SMRF, LFF, EPF, ETSF.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ALID, MIPR, GRL, RUS, APC, PET, UGLR, KOK, AVH, SMAR, SDR, NLR, NLC, GNL, SPN, KIL, MKZ, AVZ, TUMR, TUMR, KMNR, KMNR, SRDR, CIRR, KBTR, KBT, BKI, BSAJ.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TANI, BUNI, NINI, IGU, ARRY, PATA, CUSA, JUVU, JUIV, ULBA, RUNZ, PISA, QIL1, MARY, TAMB, VAS1, HOJA, ANTI, JUA2, CGGP, GGP, PINO, YANA, JORI, OTAV, CAYA, CONE, CUPA, CUPA, COTA, ROSC, SDV, SAML, LPAZ, LVC, WARR, PLCA, SDCO, PDAR, ULM, YKA, YKA, ILAR, WRA.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TANI, BUNI, NINI, IGU, ARRY, PATA, CUSA, JUVU, JUIV, ULBA, RUNZ, PISA, QIL1, MARY, TAMB, VAS1, HOJA, ANTI, JUA2, CGGP, GGP, PINO, YANA, JORI, OTAV, CAYA, CONE, CUPA, CUPA, COTA, ROSC, SDV, SAML, LPAZ, LVC, WARR, PLCA, SDCO, PDAR, ULM, YKA, YKA, ILAR, WRA.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TANI, BUNI, NINI, IGU, ARRY, PATA, CUSA, JUVU, JUIV, ULBA, RUNZ, PISA, QIL1, MARY, TAMB, VAS1, HOJA, ANTI, JUA2, CGGP, GGP, PINO, YANA, JORI, OTAV, CAYA, CONE, CUPA, CUPA, COTA, ROSC, SDV, SAML, LPAZ, LVC, WARR, PLCA, SDCO, PDAR, ULM, YKA, YKA, ILAR, WRA.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TANI, BUNI, NINI, IGU, ARRY, PATA, CUSA, JUVU, JUIV, ULBA, RUNZ, PISA, QIL1, MARY, TAMB, VAS1, HOJA, ANTI, JUA2, CGGP, GGP, PINO, YANA, JORI, OTAV, CAYA, CONE, CUPA, CUPA, COTA, ROSC, SDV, SAML, LPAZ, LVC, WARR, PLCA, SDCO, PDAR, ULM, YKA, YKA, ILAR, WRA.

2004 AUG

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MKAR, BVAR, ARCES, CMAR, HLID, PDAR, FINES, FINES, ULM, NOA, NOA, HFS, HFS, SCHO, WRA, WRA, TXAR, GERES, ASAR, DAVOX, DAVOX, AVF, SMF, MFF, RJF, CAF, SMRF, LFF, EPF, ETSF.

DJA 14 02:44:28.9±1.0, 3.05S, 119.58E, h8km, 5km, MD4.7/2, ML3.9/2, 6D, Error ellipse: s-maj=24.0km s-min=9.1km az=167.0, Sulawesi

IGQ 14 02:44:28.7±2.94S, 79.17W, h12km, 8km, mb4.4, Error ellipse: s-maj=12.9km s-min=7.0km az=65.1

NEIC 14 02:44:42.9±1.7, 2.02S, 78.47W, h139km, 16km, mb3.8/2, Error ellipse: s-maj=28.1km s-min=10.6km az=65.0

IDC 14 02:44:48.0±9.8, 2.27S, 78.95W, h188km, 99km, mb3.2/6, mb1.3/5.8, mb1mx3.3/20, Error ellipse: s-maj=128.0km s-min=15.5km az=76.0

ISC 14 02:44:39.0±0.8, 2.30S, 0.07, 79.1W, 0.1, h113km, 7km, n42, ±0924/47, mb3.6/7, 17C-5D, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IGUA, ARRY, PATA, CUSA, JUVU, JUIV, ULBA, RUNZ, PISA, QIL1, MARY, TAMB, VAS1, HOJA, ANTI, JUA2, CGGP, GGP, PINO, YANA, JORI, OTAV, CAYA, CONE, CUPA, CUPA, COTA, ROSC, SDV, SAML, LPAZ, LVC, WARR, PLCA, SDCO, PDAR, ULM, YKA, YKA, ILAR, WRA.

NNC 14 02:46:00.4±3.7, 37.23N, 69.99E, mpv3.7, Error ellipse: s-maj=56.1km s-min=38.7km az=110.0

ISC 14 02:46:01.4±3.9, 37.11N, 0.2-70.9E±0.3, h158km, 55km, n10, ±0541/12, 1C-2D, Afghanistan-Tajikistan border region

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AML, UCH, EK2, KK31, AAK, KBK, ULHL, CHMS, TKM2, AB31, AB31.

DJA 14 02:46:38.0±0.9, 9.52S, 114.00E, h33km, MD4.8/4, ML4.6/3, 1C-7D, Error ellipse: s-maj=18.4km s-min=13.8km az=31.0, South of Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like INGI, INGI, KELI, KELI, RATI, RATI, KEDI, KEDI, KEDI.

CASC 14 02:53:19.3±1.8, 12.97N, 90.66W, h10km, 11km, MD3.9, 10C, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IXC, IXC, SBL, SBL, RTR, RTR, SNJE, SNJE, RBDL, RBDL, BOQS, BOQS, NBG, NBG, JAT, JAT, LFRS, LFRS, LCBS, LCBS, MTO2, MTO2, MRL, MRL, VSM, VSM.

GUC 14 03:05:32.0±0.4, 23.02S, 68.34W, h126km, 4km, ML3.8, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ANCH, ANCH, ANCH, ANCH, CPN1, CPN1, CPN1, CPN1.

HRVD 14 03:10:27.5±0.3, 3.108S, 166.31E, h155km, 2km, MW5.2/55, Centroid moment Tensor Solution. LP body waves: s34, c42, Mantle waves: s55, c95. Half duration: 0

NEIC 14 03:10:27.5±0.1, 1.11S, 166.41E, mb5.0/43, Error ellipse: s-maj=7.7km s-min=3.5km az=141.0

BJI 14 03:10:29.4±10.44S, 166.17E, h155km, mb4.9, mb5.1

MOS 14 03:10:30.7±1.2, 11.05S, 166.33E, h191km, mb5.1/4, Error ellipse: s-maj=17.7km s-min=14.8km az=107.6

IDC 14 03:10:31.4±2.5, 11.19S, 166.43E, h190km, 23km, mb4.5/20, mb1.4/6/21, mb1mx4.6/22, MS3.8/9, Ms1.3/8.9, ms1mx3.6/19, Error ellipse: s-maj=12.2km s-min=9.3km az=149.0

ISC 14 03:10:25.9±1.8, 11.12S, 0.05, 166.34E±0.04, h153km, 16km, h156km, 2.0km, pp-P, n230, ±0976/166, mb4.9/71, 6C-10D, Santa Cruz Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, DZM, PMG, PMG, CTA, CTA, CTA, CTA, URZ, STKA, STKA, STKA, WRA, WRA, WRA, WRA, KAKA, ASAR, ASAR, ASAR.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASPA Alice Springs, FITZ Fitzroy Crossi, FORT Forrest, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMR Palmer, SMD Bodaibo, BOM Bowdoin, etc.

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

Additional technical information and notes at the bottom right of the page, including coordinates and error ellipses.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GRG, OHR, AGG, EVR, KNT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMAR, UNLN, SOLN, SHL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FRB, FRB, TUC, LAO, etc.

JMA 14 05:57:47.5:0.2, 37.28N:141.75E, h39km, 29km, M3.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JFK, LKR, ONAJ, etc.

LDG 14 06:40:49.7:0.2, 17.78N:61.73W, h10km, Mb4.6/19,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DLBC, YKA, YKA, etc.

NEIC 14 06:40:57.1:0.5, 17.60N:61.58W, h49km, 5km, mb4.6/35,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CPB, BPA, BPA, etc.

ISK 14 06:21:11.2, 38.45N:39.16E, h5km, MD3.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ELZG, MALT, MALT, etc.

ISC 14 06:40:54.3:0.2, 17.79N:0.02E, 61.49W, 0.03, h33km, n119,

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

NEIC 14 06:40:54.3:0.2, 17.79N:0.02E, 61.49W, 0.03, h33km, n119,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NOA, INK, KHC, etc.

ISC 14 06:24:37.8:0.3, 0.61S:154.99E, h54km, 25km, mb4.2/13,

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

ISC 14 06:24:39.1:2.2, 6.53S:108.154E, 0.08, h79km, 18km,

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

ISC 14 06:54:07.2, 36.42N:28.93E, h44km, 20km, MD3.1(A)H,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KSL, ARG, ELL, etc.

ISC 14 06:54:07.2, 36.42N:28.93E, h44km, 20km, MD3.1(A)H,

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

ISC 14 06:54:07.2, 36.42N:28.93E, h44km, 20km, MD3.1(A)H,

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

ISC 14 06:54:07.2, 36.42N:28.93E, h44km, 20km, MD3.1(A)H,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, PWZ Pawanui, PUZ Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S/JG San Juan, C/ELP Cerrillos, P/POP Portugal, etc.

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

14d 13:44:37.0-2.8, 34.385-179.92W, mb3.6/2, mb1 3.9/3, mb1mx3.7/12, ML3.7/1, Error ellipse: s-maj=65.2km, s-min=35.2km, az=113.0, South of Kermadec Islands

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

14d 13:49:27.9-0.8, 28.675-177.81W, h10km, mb4.4/1, Error ellipse: s-maj=21.5km, s-min=19.0km, az=50.0

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

TIF 14 16:55:10.0, 40.47N-44.99E, h7km, Mpv4.0, 1C-1D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STE Stepanavan, STE MTA, TBLG Delisi, etc.

MAN 14 17:15:57.7, 17.69N-120.79E, h20km, mb4.5, ML3.4, MS3.3, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABRA Dolores, ABRA APYP, CAUP Cauayan, etc.

MEX 14 17:27:10.9-0.8, 17.24N-95.02W, h134km, mb4.5, ML3.9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMV Vista Hermosa, VHO Huatulco, etc.

NEIC 14 13:49:27.9-0.8, 28.675-177.81W, h10km, mb4.4/1, Error ellipse: s-maj=21.5km, s-min=19.0km, az=50.0

14d 13:49:42.4-1.1, 29.085-178.05W, h126km, 9km, mb3.6/7, mb1 3.8/9, mb1mx3.8/15, MS3.2/1, Ms1 3.1/1, ms1mx2.7/14, Error ellipse: s-maj=26.0km, s-min=23.0km, az=11.0

14d 13:49:43.5-1.1, 29.395-178.40W, 0.2, h125km, h125km, 2.2km, pp-P, n24, s19/30/14, mb4.0/8, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, STKA Stephens Creek, etc.

14d 15:20:24.2-42.0, 17.40S-171.48W, mb3.9/3, mb1 4.1/3, mb1mx3.7/15, Error ellipse: s-maj=81.40km, s-min=181.6km, az=81.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

AUST 14 15:37:28.0, 26.09S-130.95E, h1km, ML3.5, NEIC 14 15:37:28.0, 26.09S-130.95E, h1km, ML3.5(AUST), After AUST

14d 15:37:29.4-3.2, 26.02S-131.04E, mb1 3.9/4, mb1mx3.6/10, ML3.3/4, Error ellipse: s-maj=26.3km, s-min=23.9km, az=50.0

14d 15:37:29.2-6.2, 26.12S-130.90E, 0.1, h13km, 18km, n12, s19/20/24, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASPA Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

14d 17:32:39.2-1.8, 4.92N-125.34E, h204km, 16km, mb4.1/18, mb1 4.2/18, mb1mx4.1/23, MS2.9/1, Ms1 2.9/1, ms1mx2.3/19, Error ellipse: s-maj=18.5km, s-min=8.1km, az=71.0

NEIC 14 17:32:40.1-2.5, 4.95N-125.31E, h216km, 25km, mb4.5/25, Error ellipse: s-maj=13.5km, s-min=6.4km, az=75.0

SYO 14 17:32:40.1, 4.95N-125.31E, h216km, MB4.5, MAN 14 17:32:07.1, 7.40N-124.91E, h4km, mb5.0, ML3.9, MS4.0

14d 17:32:36.4-0.4, 4.92N-125.34E, h204km, 16km, mb4.1/18, n86, s19/18/9, mb4.4/4, 9C-4D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, KCP Kidapawan, MATI Mati, etc.

AUST 14 15:37:28.0, 26.09S-130.95E, h1km, ML3.5, NEIC 14 15:37:28.0, 26.09S-130.95E, h1km, ML3.5(AUST), After AUST

14d 15:37:29.4-3.2, 26.02S-131.04E, mb1 3.9/4, mb1mx3.6/10, ML3.3/4, Error ellipse: s-maj=26.3km, s-min=23.9km, az=50.0

14d 15:37:29.2-6.2, 26.12S-130.90E, 0.1, h13km, 18km, n12, s19/20/24, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALP Baler, CAUP Cauayan, APYP Conner, etc.

RSPR 14 14:49:56.7, 18.57N-64.59W, h119km, 6km, MD3.4/9, MD3.4/9

NEIC 14 14:49:56.7, 18.57N-64.59W, h119km, MD3.5(RSPR), After RSPR

14d 14:49:55.7-1.9, 18.6N-64.6W, 0.2, h117km, 33km, n9, s044/17, 7C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTP Monte Pirata, CBYV Canovanas, CPD Cerro la Pandu, etc.

14d 14:43:51.9-6.8, 19.37S-176.67E, mb3.8/3, mb1 4.1/3, mb1mx3.7/13, MS3.5/3, Ms1 3.5/3, ms1mx3.2/22, Error ellipse: s-maj=316.0km, s-min=34.8km, az=147.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, SHL Shilling, NWAO Narrogin (SRO), etc.

14d 23h

Table with columns: STKA, Stephens Creek, 41.61 246 J/P, P, 21 22 46.5 -2.9, etc.

IDC 14 21:20:37.9,0.6, 15.08Sx173.70W, mb4.4/11, mb1 4.6/11, mb1mx4.4/17, MS3.9/18, Ms1 3.9/18, ms1mx3.8/26, Error ellipse: s-maj=31.5km s-min=16.7km az=129.0

NEIC 14 21:20:39.4,0.3, 15.09Sx173.72W, h10km, mb4.8/10, MS4.6/2, Error ellipse: s-maj=14.8km s-min=7.1km az=135.0

ISC 14 21:20:37.8,0.4, 15.05,0.1x173.8W,0.1,h10km,n58, +080/26, mb4.5/21, MS3.9/18, Tonga Islands

Main table for 14d 23h section, listing station names, coordinates, and seismic data.

IDC 14 21:40:17.2,7.8, 31.38N-170.30E, mb3.7/2, mb1 3.7/3, mb1mx3.4/19, ML3.4/3, Error ellipse: s-maj=148.0km s-min=56.2km az=3.0, Pakistan

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

2004 AUG

Table with columns: DLH, Dalhousie, 4.95 75 e, Sn, 21 42 35.0 +1.5, etc.

IDC 14 21:47:16.2,17.0, 21.46S-175.20W, mb4.4/5, mb1 4.6/5, mb1mx4.1/17, Error ellipse: s-maj=326.0km s-min=141.1km az=80.0, Tonga Islands

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

IDC 14 21:48:20.2,2.7, 20.40Sx178.55W, h627km, 33km, mb3.2/11, mb1 3.4/11, mb1mx3.1/16, Error ellipse: s-maj=28.0km s-min=14.1km az=159.0

NEIC 14 21:48:20.6,3.1, 20.53Sx178.56W, h640km, 35km, mb4.1/4, Error ellipse: s-maj=19.1km s-min=16.4km az=224.0

ISC 14 21:48:16.9,3.1, 20.55S-178.5W,0.1,h604km,40km, n31,+087/22, mb3.8/15, Fiji Islands region

Main table for 2004 AUG section, listing station names, coordinates, and seismic data.

IDC 14 21:56:47.7,8.4, 3.44N-127.53E, mb3.8/3, mb1 3.9/3, mb1mx3.5/16, Error ellipse: s-maj=155.0km s-min=133.8km az=82.0, Talau Islands

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

NEIC 14 21:58:14.1, 3.8, 12N-22.12E, h15km, ML3.6(THE), ML3.2(ATH), After ATH

ATH 14 21:58:14.1, 3.8, 12N-22.12E, h15km, 3km, MD3.5/12, ML3.2

THE 14 21:58:15.3, 3.8, 15N-22.33E, h10km, ML3.6

ISC 14 21:58:13.5, 0.6, 38.14N, 0.03, 22.14E, 0.03, h3km, 5km, n35,+072/42, 1C, Greece

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

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Table with columns: MEV, Litokhoron, 1.98 8 eSb, Sg, 21 59 14.6 +1.0, etc.

THE 14 22:08:19.7, 3.8, 22N-22.24E, h10km, ML3.5

IDC 14 22:08:26.7, 3.3, 38.11N-21.55E, mb3.7/4, mb1 3.7/7, mb1mx3.6/22, ML3.3/3, Error ellipse: s-maj=59.1km s-min=26.9km az=63.0

NEIC 14 22:08:30.1, 3.8, 13N-22.11E, h25km, ML3.6(ATH), After ATH

ATH 14 22:08:30.1, 3.8, 13N-22.11E, h25km, 2km, MD3.8/15, ML3.3

ISC 14 22:08:30.1, 1.4, 38.17N, 0.03, 22.15E, 0.04, h8km, 10km, n49,+096/54, mb3.7/4, OC, Greece

Main table for 320 section, listing station names, coordinates, and seismic data.

IDC 14 22:24:30.3, 2.6, 20.91S-177.21W, h451km, 215km, mb3.0/3, mb1 3.4/3, mb1mx3.1/12, Error ellipse: s-maj=354.0km s-min=161.8km az=138.0, Fiji Islands region

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

IDC 14 22:45:25.4, 4.9, 20.32S-176.91W, mb4.1/3, mb1 4.3/3, mb1mx3.9/14, Error ellipse: s-maj=189.0km s-min=60.3km az=142.0, Fiji Islands region

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

IDC 14 23:16:19.0, 0.7, 22.73S-175.33W, mb4.5/12, mb1 4.7/13, mb1mx4.6/17, ML4.2/11, MS4.0/4, Ms1 4.0/4, ms1mx3.7/17, Error ellipse: s-maj=31.0km s-min=18.8km az=150.0

ISC 14 23:16:24.7-0.4, 22.8S, 0.1, 175.44W, 0.10, h41km, h41km, 4km; p-P, n5.0, s19.0/35, mb4.7/22, MS4.0/4, 1C-1D, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like URZ Urewera, TBI Tubuai, PPT Papeete, etc.

HEL 14 23:24:26.9-0.1, 67.83N, 20.09E, ML1.7, ML2.2(UPP), ML1.6(BER) Explosion

BER 14 23:24:27.2-4.2, 67.81N, 20.22E, ML1.6, Suspected explosion, Sweden

ISC 14 23:24:25.7-0.5, 67.85N, 20.03-20.13E, 0.08, n17, s19.1/31/26, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like KUA Kuravaara, NIKU Nikualuvalu, DUNU Dundred, etc.

comp=2.3, 0nm, 0.4s

NAO 14 23:28:06.9-3.3, 67.86N, 20.62E, ML2.0, BER 14 23:28:06.5-2.6, 67.89N, 20.03E, ML1.7, ML2.0(NAO), Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like KTK1 Kautokeino, ARAO ARCESS Array S, etc.

LDG 14 23:37:04.0-0.2, 19.96S, 175.30E, h10km, Mb4.6/2, Ms4.2/6, Error ellipse: s-maj=22.2km s-min=3.1km az=153.0

IDC 14 23:37:04.0-0.1, 19.42S, 175.05E, mb4.3/13, mb1 4.5/14, mb1mx4.5/17, ML4.1/1, MS4.3/16, MS1 4.3/16, ms1mx4.3/17, Error ellipse: s-maj=34.5km s-min=19.0km az=153.0

NEIC 14 23:37:13.1-1.4, 19.34S, 174.92E, h65km, 39km, mb4.8/16, Error ellipse: s-maj=14.6km s-min=11.2km az=188.0

ISC 14 23:37:10.3-3.2, 19.40S, 0.1, 174.91E, 0.09, h54km, 28km, n72, s0.95/40, mb4.6/25, MS4.3/15, 1C, Vanuatu Islands region

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

MOX Novy Kostel 146.17 340 ePKP 23 57 01.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like NKV Kasperke Hory, GERES GRESS Array B, etc.

IDC 14 23:49:05.1-2.1, 51.99S, 138.46E, mb4.0/6, mb1 4.3/6, mb1mx4.1/9, Error ellipse: s-maj=81.2km s-min=18.5km az=88.0

NEIC 14 23:49:05.7-0.4, 51.89S, 138.90E, h10km, mb4.7/5, Error ellipse: s-maj=18.9km s-min=8.4km az=92.0

ISC 14 23:49:03.9-0.6, 51.89S, 138.8E, 0.3, h10km, n20, s0.74/14, mb4.4/9, 1D, Western Indian-Antarctic Ridge

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

IDC 15 00:35:28.3-0.9, 15.35S, 67.19E, mb4.0/11, mb1 4.2/11, mb1mx4.1/16, MS3.6/1, Ms1 3.8/1, ms1mx3.1/19, Error ellipse: s-maj=35.4km s-min=18.5km az=47.0

NEIC 15 00:35:30.4-0.4, 15.27S, 67.30E, h10km, mb4.5/7, Error ellipse: s-maj=17.3km s-min=9.9km az=224.0

SYO 15 00:35:30.4, 15.27S, 67.30E, h10km, MB4.5

ISC 15 00:35:28.6-0.5, 15.35S, 0.1, 67.4E, 0.1, h10km, n28, s19.06/26, mb4.1/18, MS3.6/1, 2D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like CMAR Chiang Mai Arr, SYO Syowa Base, etc.

IDC 15 01:15:12.6-0.7, 15.36S, 67.32E, mb4.0/13, mb1 4.2/13, mb1mx4.1/17, MS3.8/4, Ms1 3.9/4, ms1mx3.4/20, Error ellipse: s-maj=27.3km s-min=17.4km az=56.0

NEIC 15 01:15:14.2-0.3, 15.34S, 67.35E, h10km, mb4.6/4, Error ellipse: s-maj=14.3km s-min=8.6km az=59.0

ISC 15 01:15:12.5-0.5, 15.35S, 0.1, 67.4E, 0.1, h10km, n27, s0.80/26, mb4.1/17, MS3.9/4, Mid-Indian Ridge

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like FITZ, ASAR, BRTR, MKAR, STKA, WRA, PMSA, SYO, HFS, CLL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like STKA, ASAR, WRA, PMSA, SYO, HFS, CLL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ASS, PUK, ARV, FSSB, DAVOX, MBDF, LPG, LPL, etc.

DJA 15 01:17:23.9:1.0, 2.53S, 121.87E, h100km, MD4.5/3, ML4.2/3, 3D, Error ellipse: s-maj=34.0km s-min=22.0km az=148.0, Sulawesi

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

WEL 15 02:31:09.8:1.0, 38.31S, 175.90E, h166km, 10km, ML3.8/2, Error ellipse: s-maj=10.6km s-min=5.8km az=90.0, North Island

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

NNC 15 02:47:45.7:0.36, 83N, 68.91E, mpv3.5, Error ellipse: s-maj=56.8km s-min=45.6km az=163.0, ISC 15 02:43:44.1:1.8, 36.4N, 0.17X, 0.0:3, h200km, n7, 0568/9, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like KK31, KOLN, GKN, etc.

MDD 15 01:42:22.8:0.6, 41.99N, 7.60W, h17km, 8km, mbLg1.2/9, Error ellipse: s-maj=5.5km s-min=4.3km az=148.0, PRXIMO

INMG 15 01:42:23.0:0.8, 41.98N, 7.59W, h6km, 4km, MLO.8, Error ellipse: s-maj=2.1km s-min=1.3km az=116.0, ISC 15 01:42:23.2:1.0, 42.01N, 0.06:7.60W, 0.08, h17km, n12, 0535/11, 1C, Spain

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

NEIC 15 02:38:01.0, 33.40S, 70.49W, h97km, MD3.1(GUC), After GUC

GUC 15 02:38:01.0:0.7, 33.40S, 70.49W, h97km, 2km, MD3.1, ML3.5, 12C-4D, Chile-Argentina border region

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

IDC 15 03:09:09.0:1.6, 2.52S, 138.65E, mb3.8/4, mb1.3/9/7, mb1mx3.8/14, ML3.0/3, Error ellipse: s-maj=27.3km s-min=15.8km az=103.0, NEIC 15 03:09:14.2:0.2, 0.53S, 138.87E, h40km, 19km, mb3.9/2, Error ellipse: s-maj=17.7km s-min=14.0km az=165.0, ISC 15 03:09:11.9:2.4, 2.54S, 0.09:138.9E, 0.1, h40km, 26km, n12, 0572/17, mb3.7/3, Irian Jaya

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

IDC 15 01:56:38.6:6.1, 5.87S, 131.52E, h41km, 56km, mb4.2/2, mb1.4/3.5, mb1mx3.9/12, ML4.2/3, Error ellipse: s-maj=52.9km s-min=23.8km az=70.0, ISC 15 01:56:39.8:2.7, 5.90S, 0.09:131.2E, 0.2, h67km, 26km, n7, 0516/10, mb3.9/3, Banda Sea

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

ROM 15 02:39:58.1:1.6, 39.99N, 15.39E, h306km, 15km, MD2.9/4, ML2.2/4, Error ellipse: s-maj=26.0km s-min=9.3km az=90.0, NEIC 15 02:40:01.8:0.4, 40.10N, 15.61E, h285km, 4km, mb3.4/9, MD2.9(ROM), Error ellipse: s-maj=7.9km s-min=5.8km az=48.0, IDC 15 02:40:02.8:1.1, 40.17N, 15.55E, h295km, 15km, mb3.1/6, mb1.3/1.5, mb1mx3.0/26, Error ellipse: s-maj=18.8km s-min=12.7km az=101.0, ISC 15 02:40:06.0:0.4, 40.04N, 0.05:15.60E, 0.07, h290km, 5km, n5, 0586/53, mb3.3/6, 4C-4D, Southern Italy

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

IDC 15 03:16:35.2:8.0, 34.91S, 179.09W, h44km, 74km, mb3.7/4, mb1.3/9.5, mb1mx3.7/11, ML3.6/1, MS3.6/2, Ms1.3/6/2, ms1mx3.2/16, Error ellipse: s-maj=67.3km s-min=53.0km az=153.0, South of Kermadec Islands

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

IDC 15 02:10:38.7:9.2, 24.00S, 179.49E, h516km, 95km, mb3.1/5, mb1.3/3.6, mb1mx3.1/14, Error ellipse: s-maj=77.3km s-min=29.4km az=12.0, NEIC 15 02:10:41.0:4.5, 24.15S, 179.44E, h546km, 44km, mb4.3/2, Error ellipse: s-maj=52.9km s-min=15.8km az=215.0, SYO 15 02:10:41.0:4.5, 24.15S, 179.44E, h546km, MB4.3, ISC 15 02:10:40.1:2.5, 24.15S, 0.3:179.4E, 0.3, h550km, n12, 0530/8, mb3.8/5, 2D, South of Fiji Islands

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

ATH 15 03:28:14.6, 37.05N, 28.25E, h41km, MD3.3/3, ISC 15 03:28:15.6, 36.97N, 27.65E, h5km, MD3.2, ISC 15 03:28:17.4:0.7, 36.88N, 0.03:27.68E, 0.05, h9km, 6km, n14, 0520/22, Dodecanese Islands

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPL, OBKA, SOTA, WTTA, WATA, MOTA, DAVA, GEC2, CHAMP, HAU, WET, KHC, KHC, KHC, KHC, SMF, MTLF, LOR, AVF, CAF, MEZF, PRU, PRU, MOX, LFF, DPC, MFF, SJPF.

IDC 15 05:01:01.4-8.8, 28.49N-84.38E, h38km, 74km, mb3.8/4, mb1 3.8/6, mb1mx3.5/19, ML3.9/2, Error ellipse: s-maj=58.2km s-min=22.6km az=53.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LGTI, PTH, ALBI, DDI, NDL, SHL, CMAR, MKAR, SONM, ARCES, HFS, WRA.

NEIC 15 05:04:01.2, 35.52N-21.67E, h7km, MD3.6(ATH), After ATH.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KYTH, VLI, VAM, RLS, EVR.

IDC 15 05:14:30.2-0.9, 13.25N-144.65E, mb4.0/6, mb1 4.2/6, mb1mx3.9/19, Error ellipse: s-maj=47.6km s-min=20.8km az=102.0

NEIC 15 05:14:37.5-1.1, 13.15N-144.60E, h53km, 11km, mb4.1/2, Error ellipse: s-maj=28.2km s-min=11.5km az=104.0

NEIC Felt at Hagata and Yona. ISC 15 05:14:36.6-1.0, 13.11N-144.6E, 0.3, h62km, 12km, n13, +0574/12, mb4.0/6, Mariana Islands.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, WRAB, WRA, FITZ, ASAR, MKAR, KURK, ILAR, HLID.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES, LPAZ, LPAZ, MOS, NEIC, ISC.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BORG, BWH, ESK, BHH, EKA, BBO1, BBH, BDL, BTA, SCHJ, SCHO, STS, SUMG, ROSF, EZAM, EPON, QUIF, FRB, SGMF, ELOB, ERUA, ECAL, PBGR, JMJC, GRR, FLVS, LDF, MTE, MTE, PTOM, PLOU, PCBR, MFF, EBAD, PBEJ, BAIF, GIVF, EMIN, RCF, ETSF, ESDC, ESDC, ESDC, BGF, HGN, SSF, AVF, WTSB, ETOR, LOR, MEZF, MUZ, SMF, EADA, ESPR, NB2, NOA, ELUO, HAU, BSEG, BSEG, DPC, HINF, CABF, HFS, CLZ, MBDF, MOX, MOX, CLL, DAVOX, SADO, KHC, KHC, GEC2, GEC2.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LGTI, LGTI, PTH, ALBI, DDI, NDL, SHL, CMAR, MKAR, SONM, ARCES, HFS, WRA.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KYTH, VLI, VAM, RLS, EVR.

IDC 15 05:47:57.3-0.9, 6.15-0.1, 107.7W-0.2, h10km, n63, +r18/52, mb4.3/27, MS4.2/12, Central East Pacific Rise

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS, ROSC, ROSC, LPAZ, ANMO, LVC, WMOK, WUAZ, LDFO, NEN, NEN, PPT, PPT.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES, DPC, DPC, ARCES, KEV, KAF, KAF, FINES, APA, APA, ULM, AKASO, OBN, OBN, OBN, YKA, SJO, LAO, INK, INK, BRTR, HRY, HRY, BOZ, BOZ, PDAR, PDAR, MCMT, DLBC, DLBC, NEW, NEW, HWUT, HWUT, JCT, JCT, PV10, ILAR, SRU, DUG, DUG, IMA, IMA, MOD, MOD, MOD, TPH, YBH, ROSC, MKAR, MKAR, SONM, LPAZ, LPAZ, WRA, ASAR, ASAR.

IDC 15 05:41:27.5-7.7, 45.09N-142.91E, mb3.5/3, mb1 3.7/3, mb1mx3.3/19, Error ellipse: s-maj=518.0km s-min=30.8km az=79.0

JMA 15 05:41:39.6-0.6, 45.13N-148.24E, h157km, M3.4

ISC 15 05:41:41.6-1.5, 45.15N-147.9E, 0.2, h176km, 11km, n13, +094/19, mb3.3/3, Kuril Islands.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2, JTKR, JAK, JAK, JAR, JKK2, JCH, JCH, JNBK, JNBK, JKB, JKB, JOT, JOT, JIMK, JIMK, FINES, WRA, ASAR.

BUI 15 05:47:58.9, 5.80S-107.40W, h10km, mb4.8, Ms5.0, Ms2.1

IDC 15 05:48:00.7-1.0, 5.64S-107.15W, mb4.2/16, mb1 4.3/16, mb1mx4.3/18, MS4.1/10, Ms1 4.0/10, ms1mx3.9/13, Error ellipse: s-maj=33.9km s-min=16.2km az=53.0

NEIC 15 05:48:01.0-0.8, 5.77S-107.36W, h10km, mb4.5/13, Error ellipse: s-maj=27.4km s-min=8.1km az=52.0

ISC 15 05:47:57.3-0.9, 6.15-0.1, 107.7W-0.2, h10km, n63, +r18/52, mb4.3/27, MS4.2/12, Central East Pacific Rise

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS, ROSC, ROSC, LPAZ, ANMO, LVC, WMOK, WUAZ, LDFO, NEN, NEN, PPT, PPT.

15d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDCO Great Sand Dun, PV01 Paradox Valley, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIF Eastern Caucasus, MTA Mtatsminda, MTA Delisi, etc.

NEIC 15 05:59:24.0±0.8, 51.79N±176.05E, h56km±28km, ML4.4(AEIC), Error ellipse: s-maj=17.8km s-min=6.2km az=92.0

IDC 15 05:59:25.2±0.7, 51.79N±176.38E, h71km±78km, mb3.5/9, mb1.3/6.9, mb1mx3.5/21, MS4.3/1, Ms1 4.3/1, ms1mx3.0/24, Error ellipse: s-maj=33.4km s-min=22.6km az=128.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ Asahikawa, SONM Songoing Array, ARCES ARCES Array B, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORASR Subarra, NOA NORASR Array B, NOA NORASR Array C, etc.

IDC 15 06:28:07.6±1.4, 0.57S±120.09E, mb3.7/4, mb1 3.9/5, mb1mx3.9/16, ML3.9/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/17, Error ellipse: s-maj=142.0km s-min=20.2km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, TANI Tanete Lipujan, TANI Buntu Taipa, etc.

NEIC 15 06:36:24.1, 17.35N±94.74W, h139km, MD3.8(MEX), After MEX. MEX 15 06:36:25.1±1.2, 17.41N±94.81W, h134km±10km, MD3.9, 1C, Chiapas

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

IDC 15 06:36:35.4±3.7, 51.72N±176.28E, h40km±31km, mb3.7/18, mb1 3.9/18, mb1mx3.9/23, MS3.4/4, Ms1 3.4/4, ms1mx1.1/23, Error ellipse: s-maj=23.4km s-min=14.9km az=124.0

NEIC 15 06:36:36.0±0.6, 51.72N±176.16E, h51km±5km, mb4.3/2, ML2.1(AEIC), Error ellipse: s-maj=10.4km s-min=5.3km az=187.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, SMY Shemya, FX1 Attu Island-F, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, FX1 Attu Island-F, KIMD Kanaga Island, etc.

IDC 15 07:07:13.1±50.0, 47.30S±179.62W, mb4.2/3, mb1 4.4/3, mb1mx3.9/13, Error ellipse: s-maj=908.0km s-min=150.1km az=78.0, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, GERES GERES Array B, WRA Warramunga Arr, etc.

DJA 15 06:48:55.6±0.9, 0.33S±119.89E, h33km, MD4.5/3, ML4.7/3, Error ellipse: s-maj=33.8km s-min=18.6km az=91.0

IDC 15 06:49:00.6±6.1, 0.43S±120.50E, h46km±66km, mb3.4/4, mb1 3.7/5, mb1mx3.5/16, ML3.9/1, Error ellipse: s-maj=110.0km s-min=19.3km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, TANI Tanete Lipujan, TANI Buntu Taipa, etc.

IDC 15 07:02:20.6±3.5, 16.93S±128.44E, mb1 3.2/4, s-min=14.3km az=180.0, Western Australia

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

JMA 15 07:05:18.8±0.3, 24.03N±121.72E, h50km, M2.9 TAP 15 07:05:19.0, 24.03N±121.67E, h34km, ML3.6, Taiwan

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

WEL 15 07:07:15.4±0.4, 37.41S±179.97E, h12km, ML3.8/2, Error ellipse: s-maj=4.6km s-min=4.2km az=90.0, Off east coast of North Island

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

IDC 15 07:57:13.1±50.0, 47.30S±179.62W, mb4.2/3, mb1 4.4/3, mb1mx3.9/13, Error ellipse: s-maj=908.0km s-min=150.1km az=78.0, Fiji Islands region

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

MDD 15 07:58:17.6±0.6, 43.28N±1.76W, h18km±3km, mbL2.9/2, Error ellipse: s-maj=6.1km s-min=4.6km az=15.0, PRXIMO LGD 15 07:58:17.9±0.2, 43.28N±1.80W, h6km, M2.9/2, M2.8/19, Error ellipse: s-maj=4.2km s-min=1.9km az=49.0

NEIC 15 07:58:17.9±0.2, 43.28N±1.80W, h6km, ML2.9(STR), ML2.8(LDG), M2.2(MDD), After LDG. STR 15 07:58:19.2±0.8, 43.22N±1.71W, h5km±1km, M2.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

IDC 15 07:58:16.2±0.5, 43.39N±0.03, 1.87W±0.03, h19km±5km, n61.1, i946/118, 2.1C, Pyrenees

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

15d 15h

ISC 15 14:06:44.8:4.0, 34.75S:0.09, 179.6W:0.2, h22km, 31km, n12, c039/13, mb4.0/5, 1C, South of Kermadec Islands

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

MDD 15 14:15:48.7:0.7, 43.16N:0.40W, h10km, 3km, mbLg1.1/1, Error ellipse: s-maj=5.9km s-min=3.3km az=9.0, PRXIMO

LDG 15 14:15:48.7:0.2, 43.18N:0.50W, h2km, Mdl.6/1, MI1.5/1, Error ellipse: s-maj=3.3km s-min=2.3km az=12.0

STR 15 14:15:49.7:0.1, 43.06N:0.28W, h2km, Ml2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 15 14:15:47.1:1.2, 43.20N:0.08, 0.42W:0.06, h14km, 15km, n9, c050/12, Pyrenees

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

NEIC 15 14:37:46.3, 32.50S:71.79W, h22km, ML3.0(GUC), After GUC

GUC 15 14:37:46.3:0.5, 32.50S:71.79W, h22km, 6km, MD3.6, ML3.0, 6C-1D, Near coast of central Chile

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

MDD 15 14:41:29.5:0.5, 43.07N:0.64W, h6km, 5km, mbLg1.1/6, Error ellipse: s-maj=4.4km s-min=2.5km az=21.0, PRXIMO

STR 15 14:41:29.1:0.1, 43.08N:0.62W, h5km, 1km, Ml2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 15 14:41:29.5:0.1, 43.07N:0.64W, h10km, Mdl.9/2, MI1.7/1, Error ellipse: s-maj=1.7km s-min=1.1km az=22.0

ISC 15 14:41:28.9:0.6, 43.07N:0.04, 0.63W:0.04, h10km, n15, c066/21, Pyrenees

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

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CAF Calviac 2.68 45 eSg Sg 14 42 53.8 -4.5

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

IDC 15 15:04:60.0:0.7, 0.40N:122.31E, h110km, 7km, mb4.0/12, mb1.4/13, mb1mx4.0/20, MS3.6/2, Mst 3.7/2, ms1mx2.8/24, Error ellipse: s-maj=31.6km s-min=10.5km az=67.0

NEIC 15 15:04:60.0:0.4, 0.41N:122.36E, mb4.4/11, Error ellipse: s-maj=18.9km s-min=5.4km az=61.0

ISC 15 15:04:58.4:0.3, 0.38N:102.36E, 0.09, h110km, h110km, 9km, pP-P, n44, c087/44, mb4.4/25, 1C-2D, Minahasa Peninsula, Sulawesi

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

Priamurye-Northeastern China border region 330

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

15d 15h

Table of astronomical observations for 15d and 15h, listing station names, coordinates, and observation details.

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Table of astronomical observations for 15d and 15h, listing station names, coordinates, and observation details.

15d 15h 15.56:14.3:1.6, 17.75S:178.78W, h561km, 17km, mb3.5/4, mb1 3.7/14, mb10km 3.7/17, Error ellipse: s-maj=16.0km s-min=1.0km az=153.0 NEIC 15 15:56:14.2, 17.74S:178.80W, h577km, 25km, mb4.3/12, Error ellipse: s-maj=12.6km s-min=10.4km az=89.0

SYO 15 15:56:15.4, 17.74S:178.80W, h577km, MB4.3 ISC 15 15:56:13.4:2.0, 17.74S:0.09, 178.84W, 0.08, h563km, 25km, n50, 0:09/47, mb4.2/24, 3C-4D, Fiji Islands region

Table of astronomical observations for 15d and 15h, listing station names, coordinates, and observation details.

Table of astronomical observations for 15d 18h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 AUG, listing station names, coordinates, and observation details.

Table of astronomical observations for NEIC 15 17:18:53.5, 15.87N-94.39W, h52km, MD4.2(MEX), After MEX, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MGR Morigerati, SLON Sala Consilina, SLCN Sala Consilina, VAE Valguarnera, SGO Scignano, MRLC Muro Lucano, MRLC Muro Lucano, CSSN Cassano Irpino, CSSN Cassano Irpino, IDI Anoyia, FITZ Fitzroy Crossi, DAVOX Davos, MLR Muntele Rosu, GERES GERES Array B, GERES GERES Array B, FINES FINES Array B, FINES FINES Array B, MKAR Makanchi Arr.

NEIC 15 18:21:40.0, 2.3, 3.54S, 139.26E, h65km, 21km, mb4.1/4, Error ellipse: s-maj=17.3km s-min=16.3km az=95.0

SYO 15 18:21:39.9, 3.54S, 139.26E, h65km, MB4.1, Error ellipse: s-maj=17.3km s-min=16.3km az=95.0

IDC 15 18:21:44.3, 3.5, 3.57S, 139.38E, h111km, 34km, mb3.6/7, mb1.3/9.1, mb1mx3.8/14, MS3.4/2, Ms1.3/4.2, ms1mx2.7/16, Error ellipse: s-maj=26.6km s-min=11.9km az=102.0

ISC 15 18:21:34.6, 2.7, 3.43S, 0.06, 139.24E, 0.10, h31km, 20km, n22, c105/25, mb3.9/7, MS3.3/2, 1D, Irjan Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, CTA Charters Tower, CTA Charters Tower, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, STKA Stephens Creek, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Arr, BVAR Borovoye Array, MAW Mawson, ILAR Eielson Array, GSPA South Pole Qui, SYO Syowa Base, DBIC Dibopkro.

TAP 15 18:35:46.4, 24.69N, 122.37E, h99km, ML3.1, JMA 15 18:35:46.4, 0.2, 24.64N, 122.38E, h92km, M1.8

ISC 15 18:35:46.6, 2.5, 24.6N, 0.3, 122.4E, 0.1, h91km, 18km, n6, c031/11, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YUJ Yonaguni jima, IRIF Iriomote-Funau, IRIF Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS Kuro-shima, JIJ Ishigaki jima, JIJ Ishigaki jima, JTJ Tarama, JTJ Tarama.

IDC 15 18:45:09.0, 2.1, 0, 18.49S, 177.95W, h585km, 217km, mb2.9/5, mb1.3/1.5, mb1mx2.9/14, Error ellipse: s-maj=262.0km s-min=63.5km az=136.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

NEIC 15 18:48:04.6, 0.5, 7.04S, 105.32E, h50km, mb4.3/2, Error ellipse: s-maj=24.3km s-min=8.4km az=53.0

IDC 15 18:48:07.3, 13.0, 7.05S, 105.33E, h77km, 117km, mb3.4/8, mb1.3/5.8, mb1mx3.5/15, Error ellipse: s-maj=89.7km s-min=19.0km az=56.0

ISC 15 18:48:08.0, 0.7, 7.05S, 0.1, 105.4E, 0.2, h100km, n15, c075/15, mb3.7/10, Sunda Strait region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, LSA Lhasa, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Arr, KURK Kurchatov, BRW Borovoye, MAW Mawson, ZRNC Zerenda, BRTR Keskin Array B.

IDC 15 18:55:07.8, 10.0, 2.22N, 128.07E, h227km, 103km, mb3.0/5, mb1.3/2.5, mb1mx3.0/15, Error ellipse: s-maj=96.8km s-min=24.4km az=60.0, Halmahera region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Arr.

NEIC 15 18:58:46.7, 1.9, 60.77S, 160.26E, h10km, mb4.0/2, Error ellipse: s-maj=75.7km s-min=13.6km az=74.0

IDC 15 18:58:47.0, 4.7, 60.82S, 159.40E, mb3.7/3, mb1.3/9.4, mb1mx3.9/10, ML3.4/1, MS4.1/78, MS1.4/1/8, ms1mx4.0/14, Error ellipse: s-maj=149.0km s-min=27.6km az=85.0

ISC 15 18:58:45.1, 1.9, 60.82S, 2.16 E, h10km, n14, c09/4/8, mb3.5/4, MS4.1/6, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VVDA Vanda, VVDA Vanda, SBA Scott Base, RPZ Ratapeke, URZ Urewera, GSPA South Pole Qui, STKA Stephens Creek, MAW Mawson, MAW Mawson, NWAO Narrogin (SRO), ASAR Alice Springs, WRA Warramunga Arr, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, SUR Sutherland, CMAR Chiang Mai Arr.

MOS 15 19:10:07.0, 0.8, 57.44N, 156.66W, h40km, mb4.6/6, Error ellipse: s-maj=41.4km s-min=12.0km az=90.3

IDC 15 19:10:10.5, 3.2, 57.45N, 155.86W, h58km, 28km, mb4.2/17, mb1.4/3.2/1, mb1mx4.2/25, ML4.3/4, MS2.8/2, Ms1.2/8.2, ms1mx2.4/25, Error ellipse: s-maj=22.2km s-min=15.5km az=163.0

NEIC 15 19:10:12.9, 57.18N, 155.61W, h54km, mb4.4/32, mb4.1/(AEC), Afterglow region

ISC 19:10:10.5, 3.2, 57.45N, 155.86W, h58km, 28km, mb4.2/17, mb1.4/3.2/1, mb1mx4.2/25, ML4.3/4, MS2.8/2, Ms1.2/8.2, ms1mx2.4/25, Error ellipse: s-maj=22.2km s-min=15.5km az=163.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KJL Keuliji, KJL Keuliji, CAHL Cahill, KABR Katmai Barrier, ANCK Angle Creek, ANCK Angle Creek, ACHA Angle Creek He, MGLS Mageik LS, CNTC Contact Creek, ANPK Aniakhchak Peak, ANPK Aniakhchak Peak, ANPB Aniakhchak Plen, KDKA Kodiak Island, MCNL McNeil River, SVY Sviyazhskaya Island, AUI Augustine Island, AGU Augustine-Summ, AUI Augustine West, AUI Augustine Island, AUI Augustine Lava, OPT Optima, XLV Seldovia, ILS Iliamna Low So, IVS Iliamna South, ILIM Iliamna, HCOM Home, CNMP China Poot, SDPT Sand Point, BRLO Bradley Lake, BRLO Redoubt South, REF Redoubt East F, RDT Redoubt, BLHA Black Hill, PVV Pavlov Volcano, SVW Sparrevohn, PN6 Pavlov North-6, PNTA Pavlov North-7, HAG Hague Volcano, DOL Dolgoi Island, BKG Blockade Glaci, OPT Optima Round H, SEW Seward, SLKM Skiklak Lake, CKL Chachakama La, SPU Mount Spurr, BGD Baldy Mountain, MPA Moose Pass, FIB Fire Island, RC01 Rabbit Creek A, LTI Latouche, SUA Susitna One, SUA Susitna One, FALS False Pass, PMS Palmer South, PWT Port Wells, PWA Shishalof Nor, PWA Palmer West, MID Middleton Is, WTUG Tugamak, PNR Palmer, KMK Knik Glacier, CFI College Fjord.

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IDC 15 19:11:17.0, 2.2, 11.1N, 158.8W, h10km, mb4.3/2, Error ellipse: s-maj=10.0km s-min=10.0km az=180.0, Halmahera region

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIN Hinchinbrook I, GHO Glory Hole Cre, GLI Glacier Island, TUTO Tatalina, CTT Chulitna, FID Port Fidalgo, SML Sawmill, CVA Cordova, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, Valdez, Sherman Creek Mo, SGAM Sherman Glacier, DIV Divide, DIV Divide, KAIM Kayak Island, RACM Rugged Mountain, KLU Klutina, AHB Akutan Harbor, HMT Hamilton, KTH Kantishna Hill, BMRM Bremner River, TRF Thorofare Moun, UNV Unalaska Valle, MTLB Makushin Table, TAZI Tazina, MNAT Makushin Nates, KSW Katashin Swite, DNY Denali Highway, MCIR Makushin Cirqu, SNH Sunshine Point, MCK McKinley, MCK McKinley, CROM Cirque, SDG Soudough, WAX Waxhill Ridge, GLB Galihina Butte, GLB Galihina Butte, Tana Glacier, PAX Paxson, PAX Paxson, BALM Baldy, THY Trims Highway, CTGM Chitina Glacie, PCA Pocatello, COLA College, COLA College, ILAR Eielson Array, ILAR Eielson Array, ANM Nome, PNL Peninsula, IMS Indian Moutain, IMA Indian Moutain, BCA3 Beaver Creek A, SIT Sitka, BESE Bessie Mountain, WHY Whitehorse, BMS Burnt Mountain, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, INUV Inuvik, BBB Bella Bella, FX1 Attu Island-F, YKA Yellowknife A, PDAR Pendergast Array, ASAJ Ashikawa, KLR Kul'dur, BOD Bodoiba, SCHE Schefferville, SCHE Schefferville, SCHE Schefferville, ARCES ARCES Array B, ARCES ARCES Array B, TLY Taly, TLY Taly, TLY Taly, TLY Taly, ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, SONM Songoing Array, KAF Kangasniemi, KAF Kangasniemi, NB2 NORARS Subarra, NOA NORARS Array B, FINES FINES Array B, FINES FINES Array B, ARJ Arkt, KURK Kurchatov, BRVK Borovoye, BVAR Borovoye Array, ZRNC Zerenda, MKAR Makanchi Arr, OBN Obninsk, OBN Obninsk, OBN Obninsk, CLZ Clausthal, CLZ Clausthal, TKM2 Tokmak 2, CLL Collm, CLL Collm, CLL Collm, CLL Collm, USP Osenpovka, CHMS Chumysk, BAIF Baives, KBK Karagaybulak, BRG Berggiesshobel, BRG Berggiesshobel, CLZ Clausthal, MOX Moxa, EKSE Erkin-Say, PVCC Panska Vey, ROSF Rostrenen, AKAS Malin Array B.

IDC 15 19:11:17.0, 2.2, 11.1N, 158.8W, h10km, mb4.3/2, Error ellipse: s-maj=10.0km s-min=10.0km az=180.0, Halmahera region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIN Hinchinbrook I, GHO Glory Hole Cre, GLI Glacier Island, TUTO Tatalina, CTT Chulitna, FID Port Fidalgo, SML Sawmill, CVA Cordova, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, Valdez, Sherman Creek Mo, SGAM Sherman Glacier, DIV Divide, DIV Divide, KAIM Kayak Island, RACM Rugged Mountain, KLU Klutina, AHB Akutan Harbor, HMT Hamilton, KTH Kantishna Hill, BMRM Bremner River, TRF Thorofare Moun, UNV Unalaska Valle, MTLB Makushin Table, TAZI Tazina, MNAT Makushin Nates, KSW Katashin Swite, DNY Denali Highway, MCIR Makushin Cirqu, SNH Sunshine Point, MCK McKinley, MCK McKinley, CROM Cirque, SDG Soudough, WAX Waxhill Ridge, GLB Galihina Butte, GLB Galihina Butte, Tana Glacier, PAX Paxson, PAX Paxson, BALM Baldy, THY Trims Highway, CTGM Chitina Glacie, PCA Pocatello, COLA College, COLA College, ILAR Eielson Array, ILAR Eielson Array, ANM Nome, PNL Peninsula, IMS Indian Moutain, IMA Indian Moutain, BCA3 Beaver Creek A, SIT Sitka, BESE Bessie Mountain, WHY Whitehorse, BMS Burnt Mountain, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, INUV Inuvik, BBB Bella Bella, FX1 Attu Island-F, YKA Yellowknife A, PDAR Pendergast Array, ASAJ Ashikawa, KLR Kul'dur, BOD Bodoiba, SCHE Schefferville, SCHE Schefferville, SCHE Schefferville, ARCES ARCES Array B, ARCES ARCES Array B, TLY Taly, TLY Taly, TLY Taly, TLY Taly, ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, SONM Songoing Array, KAF Kangasniemi, KAF Kangasniemi, NB2 NORARS Subarra, NOA NORARS Array B, FINES FINES Array B, FINES FINES Array B, ARJ Arkt, KURK Kurchatov, BRVK Borovoye, BVAR Borovoye Array, ZRNC Zerenda, MKAR Makanchi Arr, OBN Obninsk, OBN Obninsk, OBN Obninsk, CLZ Clausthal, CLZ Clausthal, TKM2 Tokmak 2, CLL Collm, CLL Collm, CLL Collm, CLL Collm, USP Osenpovka, CHMS Chumysk, BAIF Baives, KBK Karagaybulak, BRG Berggiesshobel, BRG Berggiesshobel, CLZ Clausthal, MOX Moxa, EKSE Erkin-Say, PVCC Panska Vey, ROSF Rostrenen, AKAS Malin Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FLN La Foliniere, NKC Novy Kostel, SGMF Saint Gilles, etc.

TIF 15 19:10:55.2, 39.68N-44.06E, h6km, Mpv4.4, 1C, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERE Yerevan, STE Stepanavan, STA Bavra, etc.

SOF 15 19:14:43.8, 40.84N-26.11E, h1km, MD2.8 THE 15 19:14:44.7, 40.84N-26.24E, h5km, ML3.8 NEIC 15 19:14:45.0, 40.88N-26.11E, h5km, MD3.4(ATH), ML3.9(TH), After ATH. ATH 15 19:14:45.0, 40.88N-26.11E, h5km, MD3.4/3 ISK 15 19:14:58.6, 40.52N-27.15E, h19km, MD3.0 ISC 15 19:14:45.8, 40.4, 40.86N-0.04, 26.03E, h5km, n31, e1504/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALN Alexandroupoli, RDO Rodhopi, LPK Lapseki, etc.

PRD Provadia 2.55 23 i P Pn 19 15 27.5 -1.0 VTS Vitosha 2.73 310 i P Pn 19 15 32.3 +1.2

MDD 15 19:22:38.7, 0.6, 42.30N-2.22E, h7km, 4km, mbLg1.6/7, Error ellipse: s-maj=4.5km s-min=3.5km az=123.0, PRXIMO STR 15 19:22:39.2, 0.3, 42.55N-2.05E, h5km, 1km, MI2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0 ISC 15 19:22:38.1, 0.7, 42.29N-0.05, 2.26E-0.05, h7km, n12, e0562/14, Pyrenees

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

IDC 15 19:34:06.4, 1.0, 7.07S-30.86E, mb3.8/6, mb1.3/9/7, mb1mx3.8/20, ML1.6/1, Error ellipse: s-maj=40.1km s-min=22.4km az=102.0 NEIC 15 19:34:08.0, 0.5, 7.05S-30.75E, h10km, mb4.4/1, Error ellipse: s-maj=24.8km s-min=9.5km az=109.0 ISC 15 19:34:05.8, 0.7, 1.15S-30.6E-0.2, h10km, n12, e111/16, mb3.9/7, Lake Tanganyika region

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

IDC 15 19:56:19.8, 3.1, 17.73S-172.71E, h594km, 34km, mb3.1/5, mb1.3/3/5, mb1mx3.1/11, Error ellipse: s-maj=66.7km s-min=23.8km az=131.0 NEIC 15 19:56:21.3, 0.6, 13.86S-172.56E, h600km, mb3.8/2, Error ellipse: s-maj=32.1km s-min=15.2km az=137.0 ISC 15 19:56:19.1, 2.1, 13.85S-0.2, 172.7E-0.2, h600km, n30, e0411/10, mb3.7/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WBR2 Warramunga Arr, etc.

CTA Charters Tower 37.00 266 eP P 20 28 34.0 +0.7

STKA Stephens Creek 40.48 246 eP P 20 28 59.0 -3.3 STKA Stephens Creek 40.48 246 eP P 20 28 59.0 -3.3 ASAR Alice Springs 47.75 258 P 20 29 59.2 -1.8 WB2 Warramunga Arr 48.01 263 eP P 20 30 01.9 -1.2 WRA Warramunga Arr 48.02 263 P 20 30 02.2 -1.0

IDC 15 20:36:21.0, 17.0, 15.77S-176.29W, mb4.1/5, mb1mx3.9/15, Error ellipse: s-maj=317.0km s-min=136.8km az=78.0, Fiji Islands region

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

TIF 15 20:38:12.0, 41.35N-144.01E, h4km, Mpv3.5, 2C-1D, Western Caucasus

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

NAO 15 20:39:46.7, 10.0, 68.77N-18.01E, ML1.1 BER 15 20:39:46.3, 3.3, 69.19N-17.17E, h12km, 29km, MD2.2, ML1.2, ML1.1(NAO), Northern Norway

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

IDC 15 20:48:07.2, 8.15, 96S-175.45W, h273km, 25km, mb3.7/13, mb1.3/9/13, mb1mx3.8/18, Error ellipse: s-maj=24.8km s-min=13.8km az=140.0 BUJ 15 20:48:09.2, 16.00S-175.40W, h290km, mb4.3, mb4.5 NEIC 15 20:48:09.2, 2.7, 15.99S-175.43W, h290km, 26km, mb4.3/16, Error ellipse: s-maj=10.1km s-min=6.0km az=141.0 ISC 15 20:48:03.8, 0.3, 1.60S-0.1, 175.42W-0.09, h250km, n94, e0562/54, mb4.1/27, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, STKA Stephens Creek, WB2 Warramunga Arr, etc.

IDC 15 20:56:19.8, 3.1, 17.73S-172.71E, h594km, 34km, mb3.1/5, mb1.3/3/5, mb1mx3.1/11, Error ellipse: s-maj=66.7km s-min=23.8km az=131.0 NEIC 15 20:56:21.3, 0.6, 13.86S-172.56E, h600km, mb3.8/2, Error ellipse: s-maj=32.1km s-min=15.2km az=137.0 ISC 15 20:56:19.1, 2.1, 13.85S-0.2, 172.7E-0.2, h600km, n30, e0411/10, mb3.7/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WBR2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TBI Tubuai, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 16 02:18:03.75.5.7.5.58S.151.36E.h41km.47km.mb3.9/8, mb1 4.1/9, mb1mx4.0/13, ML3.6/1, MS3.4/1, Ms1 3.4/1, ms1mx2.7/12, Error ellipse: s-maj=43.0km s-min=22.5km az=104.0

NEIC 16 02:18:04.5.2.7.5.62S.151.33E.h49km.22km.mb4.4/5, Error ellipse: s-maj=25.3km s-min=14.2km az=109.0

ISC 16 02:18:03.8.3.7.5.55.0.1.151.2E.0.2.h55km.30km.n24, o587/23, mb4.1/11, 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, WRA Warramunga Arr, KAKA Kakadu, etc.

NEIC 16 02:26:25.5.0.5.51.58N.16.12E.h5km.ML2 (VIE), ML2.4(CLL), ML2.1(BRG), Error ellipse: s-maj=5.9km s-min=5.3km az=99.0

PRU 16 02:26:27.2.51.47N.16.05E Error ellipse: s-maj=18.3km s-min=7.5km az=99.0

ISC 16 02:26:23.0.5.51.55N.0.03.16.08E.o-maj.0.23,n23,o1937/56, 2C, Poland

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, PVCC Panska Ves, BRG Bregliesshubel, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOX Moxa, GERS GERS Array B, MOA Molin, etc.

LDG 16 02:36:42.9.0.2.42.28N.2.22E.h2km.Md2.0/1, M1.1/9.5, Error ellipse: s-maj=3.3km s-min=1.3km az=175.0

MDD 16 02:36:43.7.0.2.42.31N.2.23E.mblg1.8/7, Error ellipse: s-maj=2.6km s-min=1.5km az=169.0, PRXIMO STR 16 02:36:43.0.0.4.42.33N.2.21E.h5km.1km.ML2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 16 02:36:42.1.0.5.42.35N.0.03.2.20E.0.03.h5km.n21, o1916/27, 1C, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CBRU Brugera, VALF Valcebollere, FILF Fillols, etc.

NIED 16 03:21:00.43.40N.147.30E.h53km.Mw3.9 Best double couple: M8.21x1014 NP1.9x210°, S49°, S80°. NP2.0x46°, S42°, S102°

MOS 16 03:21:41.9.1.6.43.34N.147.64E.h33km.mb4.3/6, Error ellipse: s-maj=32.4km s-min=17.6km az=131.5

JMA 16 03:21:47.1.0.2.43.36N.147.25E.h48km.46km.M4.4, IDC 16 03:21:48.7.4.1.43.42N.147.34E.h67km.36km.mb3.7/10, mb1 3.8/11, mb1mx3.7/20, ML4.0/1, Error ellipse: s-maj=24.4km s-min=18.4km az=99.0

NEIC 16 03:21:48.8.1.9.43.43N.147.31E.h68km.17km.mb3.8/2, Error ellipse: s-maj=14.7km s-min=11.4km az=122.0

ISC 16 03:21:47.0.1.0.43.39N.0.06.147.24E.0.08.h68km.8km, n44, o571/61, mb3.9/13, 1C-ID, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, YUK Yuzh-Kuril'sk, YUK comp=Z,4um.0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JNBK Biratori 2, YSE Soyas, YZZ Yuzh-Sakhalins, etc.

PRU 16 03:30:40.8.51.50N.16.08E NEIC 16 03:30:40.4.4.8.51.51N.16.28E.h4km.21km.ML2.6(VIE), ML2.1(BRG), Error ellipse: s-maj=40.4km s-min=13.2km az=209.0

WAR 16 03:30:41.4.51.51N.16.08E.ML2.7, Mining Induced ISC 16 03:30:39.3.1.0.51.48N.0.05.16.05E.0.05.n14, o1920/32, 1C, Poland

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

PRU 16 03:32:35.9.51.44N.16.03E WAR 16 03:32:35.3.51.51N.16.08E.ML2.6, Mining Induced ISC 16 03:32:33.1.1.4.51.49N.0.07.16.01E.0.06.n8, o1937/15, Poland

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

CASC 16 03:33:11.7.1.7.13.85N.91.09W.h33km.gkm.MD3.6, ML3.5, 7C-6D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FUG Fuego 3, IKG Ixapco, JAT Jato, etc.

comp=Z,457nm,20.0s

MOS 16 06:03:47.0,9,1,4.3N-98.56E,h33km,mb4.5/11,Error ellipse: s-maj=45.9km s-min=13.0km az=107.5

NEIC 16 06:03:51.2,2.5,1,0.0N-98.86E,h104km,20km,mb4.6/7,Error ellipse: s-maj=28.3km s-min=7.8km az=57.0

ISC 16 06:03:49.9,2.6,1.1N,0.1,98.9E,0.2,h111km,21km,n56,0.959/51,mb4.5/28,1C-3D,Northern Sumatara

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

BUI 16 06:06:17.6,20.90S-68.20W,h138km,mb5.0 MOS 16 06:06:17.3,1.2,20.98S-68.13W,h143km,mb5.1/4,Error ellipse: s-maj=21.0km s-min=15.9km az=104.1

LDG 16 06:06:22.0,0.7,19.84S-68.07W,h155km,mb5.0/16,Ms3.4/1,Error ellipse: s-maj=45.7km s-min=21.2km az=24.0

ISC 16 06:06:15.8,0.2,20.91S-68.29W,0.4,h139km,h139km,5km:pp-P, n226,0.1/199,mb4.7/80,11C-5D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile-Bolivia border region.

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

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRMB Red Mountain, HUMO Hull Mountain, NEW El Granada, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAJO Matsuhiro, MAT Matsuhiro, SONMI Songo Array, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNCH Las Brisas, LBRS Boques, SBLB San Blas, etc.

Table of astronomical observations for 2004 AUG, including stations like WRA, WRA, WRA, etc., and objects like Warramunga Arr, Warramunga Arr, etc.

Table of astronomical observations for 2004 AUG, including stations like WRA, WRA, WRA, etc., and objects like Warramunga Arr, Warramunga Arr, etc.

Table of astronomical observations for 2004 AUG, including stations like ASPA, FITZ, FITZ, etc., and objects like ASPA, ASPA, etc.

16d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, CTA Charters Tower, CNB Cariberra Magne, etc.

16d 10h, 12, Fiji Islands region
Code Station Name Az Phase ID Time Res ISC
WRA Warramunga Arr 29.26 162 P P 08 47 03.7 -1.9

NEIC 16 08:44:38.5,0.5,51.65N,16.18E,h5km,ML3.1(VIE),
ML2.0(CLL),ML2.5(BRG),Error ellipse: s-maj=5.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

WAR 16 08:44:41.1,51.51N,16.08E,ML3.1,Mining Induced
ISC 16 08:44:39.5,0.7,51.42N,0.04,16.06E,0.04,n17,σ1936/54,
3C,Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

16d 10h, 17, Error ellipse: s-maj=262.0km
s-min=28.2km az=65.0, Mindanao
Code Station Name Az Phase ID Time Res ISC

2004 AUG

Table with columns: LIC, Lamto, 20.05, 69, eP, 08 59 54.0 -0.9. Includes stations like TIC Toumoudi, KIC Kosi, DBIC Dimbokro, etc.

WAR 16 09:23:36.9,0.60,68N,18.45E,ML2.5,Mining Induced
PRU 16 09:23:37.7,50.08N,18.41E
NEIC 16 09:23:37.1,0.9,50.07N,18.44E,h5km,ML2.0(VIE),Error
ellipse: s-maj=13.0km s-min=7.4km az=182.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, RAC Raciborz, OKC Ostrava-Krasne, etc.

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Table with columns: WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc. Includes times and residuals.

NAO 16 09:46:07.1,51.59,34N,27.00E,ML2.1
BER 16 09:46:07.5,2.4,59.35N,27.23E,ML2.1(NAO),
Suspected explosion
HEL 16 09:46:07.0,0.2,59.34N,27.20E,ML1.5,ML2.1(NAO),
Explosion, Baltic States - Belarus - Northwestern
Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PVF Pernaja, NUR Nurmij rvi, FIAO FINESS Array S, etc.

PRU 16 09:47:59.0,51.48N,16.08E
WAR 16 09:47:59.1,51.51N,16.08E,ML2.8,Mining Induced
NEIC 16 09:48:00.4,1.4,51.36N,16.08E,h5km,ML2.9(VIE),
ML2.4(BRG),ML2.4(CLL),Error ellipse: s-maj=16.4km
s-min=6.7km az=204.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

ISC 16 09:58:50.3,1.8,60.94N,0.07,28.9E,0.2,n6,σ178/12,
Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, etc.

Table with columns: ILAR, Elielson Array, 39.92 37 P P, 10 28 38.6 +1.6, MKAR, Makanchi Array, 45.42 298 P, 10 29 21.4 -0.5, etc.

NIED 16 10:32:00, 30.10N, 142.50E, h5km, Mw4.4 Best double couple: M0.27x10^15 NP1=346°, 890°, λ-33°. NP2=76°, 657°, λ-180°.

IDC 16 10:32:26.8±0.5, 30.04N, 142.29E, mb4.3/16, mb1 4.4/19, mb1mx3.2/4, ML4.0/3, MS3.5/10, Ms1 3.6/10, ms1.1m3.3/3.1, Error ellipse: s-maj=18.6km s-min=14.0km az=89.0.

JMA 16 10:32:27.6±0.2, 30.01N, 142.29E, h21km, mb4.7, mb4.6, Ms4.1, Msz3.9. JMA 16 10:32:28.1±0.2, 30.10N, 142.47E, h34km, M4.6. NEIC 16 10:32:29.4±3.8, 30.04N, 142.23E, h17km±23km, mb4.4/2.1.

MOS 16 10:32:31.9±1.1, 30.51N, 142.13E, h33km, mb4.5/10, Error ellipse: s-maj=26.5km s-min=12.7km az=99.7. ISC 16 10:32:29.8±0.2, 30.05N, 02-142.14E±0.06, h33km, n88, c193/90, mb4.3/37, MS3.7/8, 1C-2D, Southeast of Honshu.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like CBIJ, BSO1, BSO3, BSO4, etc.

Main table with columns: ZAK, Zakamensk, 35.41 316 eP P, 10 39 23.8 -0.6, GTA, Gaotai, 35.74 297 eP P, 10 39 27.6 +0.3, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ID, h, m, s, Res, ISC. Includes stations like FITZ, FITZ, FITZ, etc.

MAN 16 11:44:13.8, 17.04N, 120.23E, h17km, mb4.0, ML2.8, MS2.5, Luzon. Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, h, m, s, Res, ISC.

NEIC 16 12:06:39.4, 40.33N-25.56E, h27km, MD2.9(A,TH), ML2.9(TH), After ATH. ATH 16 12:06:39.4, 40.33N-25.56E, h27km, 1km, MD2.9/4. THE 16 12:06:40.2, 40.31N-25.58E, h8km, ML2.9. ISC 16 12:06:39.0±0.7, 40.33N, 0.40±25.58E±0.06, h8km, n10, c087/15, 1C, Aegean Sea. Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, h, m, s, Res, ISC.

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

NEIC 16:58:43.8, 55.27N, 153.57W, h1km, ML3.7(AEIC), After AEIC

IDC 16:59:03.8, 9.5, 56.15N, 154.11W, h56km, 78km, mb3.5/4, mb1 3.7/5, mb1mx3.4/10, ML3.5/1, Error ellipse: s-maj=66.2km s-min=44.0km az=50

ISC 16:58:41.6, 1.4, 55.29N, 0.09-153.5W, 0.2, h1km, n23, 0.089/30, mb3.9/4, South of Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kodiak Island, CAHL, KABR, etc.

OTT 16:02:30.1, 0.1, 52.77N, 67.14W, MN2.5/5, Blast, Mount Wright, Cq Mining explosion., Northern Quebec

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCHE, MNQ, SMQ, ICQ, etc.

IDC 16:02:32.2, 5.5, 58.42N, 155.37W, h94km, 46km, mb3.4/9, mb1 3.6/11, mb1mx3.5/22, Error ellipse: s-maj=40.3km s-min=18.5km az=37.0

NEIC 16:02:33.4, 58.03N, 155.00W, h77km, After AEIC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAHL, ACHA, MGLS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KACH, KAPH, MCNL, etc.

ISK 16:09:58.7, 36.89N, 27.77E, h6km, MD3.2

NEIC 16:10:00.9, 36.89N, 27.71E, h32km, MD3.2(AFH), After ATH

ATH 16:10:00.9, 36.89N, 27.71E, h32km, 4km, MD3.2/6

ISC 16:09:59.0, 0.7, 36.90N, 0.03-27.76E, 0.04, h10km, 5km, n16, 0.091/26, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BDRM, MLSB, YER, etc.

DJA 16:30:08.3, 0.8, 9.77S, -116.38E, h33km, MD5.1/4, ML4.0/4, 4C-6D, Error ellipse: s-maj=16.9km s-min=15.0km az=148.0, Sumbawa region

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

MEX 16:55:52.4, 1.2, 15.71N, 93.93W, h35km, 459km, MD4.3

NEIC 16:55:52.3, 15.71N, 93.94W, h16km, MD4.3(MEX), After MEX

ISC 16:55:50.7, 0.4, 15.80N, 0.05-93.95W, 0.03, h51km, 29km, n24, 0.197/36, 2C-3D, Near coast of Chiapas

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

MRL marmol 4.17 100J eP P 16:56:57 -1.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MRL, RBLD, LVGL, etc.

MAN 16:17:04:59.7, 8.06N, 126.42E, h114km, mb5.0, ML3.9, MS4.0

IDC 16:17:05:04.1, 6.4, 8.04N, 126.35E, h157km, 65km, mb3.3/8, mb1 3.5/9, mb1mx3.4/20, Error ellipse: s-maj=43.5km s-min=13.3km az=73.0

NEIC 16:17:05:06.0, 3.7, 8.03N, 126.35E, h178km, 39km, mb4.1/3, Error ellipse: s-maj=27.8km s-min=8.7km az=76.0

ISC 16:17:04:58.5, 0.6, 8.09N, 0.03-126.48E, 0.06, h124km, 4km, n31, 0.191/34, mb3.7/11, 3C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BIPH, MATI, BUTP, etc.

IDC 16:17:05:13.6, 3.7, 6.90N, 124.63E, mb3.6/3, mb1 3.8/3, mb1mx3.4/17, Error ellipse: s-maj=222.0km s-min=71.4km az=70.0, Mindanao

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

IDC 16:17:25:22.1, 1.8, 2.56N, 124.17E, mb3.4/4, mb1 3.7/4, mb1mx3.5/16, 1C, Error ellipse: s-maj=124.0km s-min=67.4km az=67.0, Celebes Sea

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

THE 16:17:44:20.0, 40.36N, 23.88E, h1km, ML2.4

NEIC 16:17:44:20.0, 40.36N, 23.88E, h1km, MD2.8(AFH), ML2.4(AFH), After THE

ATH 16:17:44:19.1, 40.37N, 23.86E, h29km, 24km, MD2.8/4

ISC 16:17:44:18.9, 0.6, 40.36N, 0.03-23.91E, 0.04, h12km, 5km, n11, 0.066/19, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OUR, POLY, PAIG, etc.

NEIC 16:17:54:30.2, 1.0, 50.31N, 28.96W, h10km, mb4.0/12, Error ellipse: s-maj=18.8km s-min=9.2km az=212.0

ISC 16:17:54:29.5, 1.2, 50.30N, 0.1-28.9W, 0.2, h10km, n21, 0.150/41, mb4.0/10, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BORG, ESK, RJF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like KNZ, RAEZ, WAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like REMR, RVC, NACH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like QLMT, HONC, YMR, etc.

DJA 16:20:50.35:0.9, 9.47S, -115.16E, h12km, 28km, MD6.0/2, ML3.6/2.4C+4D, Error ellipse: s-maj=56.7km

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

ATH 16:20:52:13.5, 38.00N, 20.52E, h6km, MD3.4/5 THE 16:20:52:15.7, 38.13N, 20.49E, h10km, ML3.1

NEIC 16:20:52:15.7, 38.13N, 20.49E, h10km, MD3.4(ATH), ML3.1(TH), After The.

ISC 16:20:52:13.3, 3.38.01N, 0.05, 20.47E, 0.09, h6km, n11, 0.095/18, 1D, Greece

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

ISC 16:21:05:35.5, 1.4, 19.90S, 173.12W, mb4.2/6, mb1 1.4/5.7, mb1mx4.1/20, ML4.6/1, Error ellipse: s-maj=66.2km

ISC 16:21:05:37.5, 0.9, 20.2S, 0.3, 172.9W, 0.1, h33km, n8, 0.074/7, mb4.2/6, Tonga Islands region

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

NEIC 16:21:05:53.8, 46.67N, 121.47W, h0km, MD4.0(SA), MW4.0(SLM), After The.

NEIC Felt [V] at Packwood, [IV] at Naches, [III] at Rende and [II] at Buckley, Olympia and Seattle.

ISC 16:21:05:55.8, 1.8, 46.67N, 121.26W, h19km, 13km, mb3.7/4, mb1 4.0/11, mb1mx3.8/26, ML4.0/6, MS3.0/5, Ms1 3.0/5, ms1mx2.7/23, Error ellipse: s-maj=12.4km s-min=8.4km

ISC 16:21:05:53.1, 0.3, 46.68N, 0.01, 121.46W, 0.02, h6km, 3km, n168, 0.078/170, mb3.8/4, MS2.9/2, 52C-32D, Washington

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

NEIC 16:21:06:29.0, 2.2, 6.83S, 128.60E, mb3.7/1, mb1 3.8/4, mb1mx3.6/12, ML3.4/3, Error ellipse: s-maj=105.0km

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

BUI 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

ISC 16:21:28:01.4, 0.4, 18.65S, 0.08, 174.92W, 0.09, h12km, h120km, 3, 1km, p-P, n69, 0.09/41, mb4.3/27, 1C-3D, Tonga Islands

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

ISC 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

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

ISC 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

ISC 16:21:28:01.4, 0.4, 18.65S, 0.08, 174.92W, 0.09, h12km, h120km, 3, 1km, p-P, n69, 0.09/41, mb4.3/27, 1C-3D, Tonga Islands

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

IDC 16:21:06:29.0, 2.2, 6.83S, 128.60E, mb3.7/1, mb1 3.8/4, s-min=27.4km az=74.0, Banda Sea

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

BUI 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

ISC 16:21:28:01.4, 0.4, 18.65S, 0.08, 174.92W, 0.09, h12km, h120km, 3, 1km, p-P, n69, 0.09/41, mb4.3/27, 1C-3D, Tonga Islands

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

ISC 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

ISC 16:21:28:01.4, 0.4, 18.65S, 0.08, 174.92W, 0.09, h12km, h120km, 3, 1km, p-P, n69, 0.09/41, mb4.3/27, 1C-3D, Tonga Islands

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

ISC 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

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

ISC 16:21:28:02.7, 18.14S, 175.47W, h99km, mb4.9, mb4.7, NEIC 16:21:28:02.6, 0.3, 18.60S, 174.85W, mb4.4/16, Error ellipse: s-maj=12.9km s-min=8.8km az=134.0

ISC 16:21:28:03.4, 0.8, 18.62S, 174.91W, h123km, 7km, mb3.9/14, mb1 4.1/15, mb1mx4.0/20, Error ellipse: s-maj=0.9, h10km, s-min=11.4km az=136.0

ISC 16:21:28:01.4, 0.4, 18.65S, 0.08, 174.92W, 0.09, h12km, h120km, 3, 1km, p-P, n69, 0.09/41, mb4.3/27, 1C-3D, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KURK Kurchatov, BVAR Borovoye Array, etc.

IDC 16 21:32:04.8.6.5.31.18N.70.18E, mb3.6/3, mb1 3/7.4, mb1mx3.5/20, ML3.3/1, MS2.7/1, Ms1 2.8/1, Ms1mx2.1/24, Error ellipse: s-maj=11.0km s-min=53.3km az=11.0, s=16.21:32:03.7.1.7, 31.10.0.2.13E.0.10, h10km, n9, s=0888/11, mb3.7/3, MS2.7/1, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDNR Sundarnagar, NDI New Delhi, MKAR Makanchi Array, etc.

IDC 16 21:43:21.6.47.0.30.31S.179.04W, mb3.6/3, mb1 3.8/3, mb1mx3.7/13, Error ellipse: s-maj=845.0km s-min=171.5km az=97.0, Kermaec Islands region

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, WRA Warramunga Arr, etc.

IDC 16 21:44:40.6.3.7.3.73S.102.80E, mb3.4/4, mb1 3.6/4, mb1mx3.4/11, Error ellipse: s-maj=154.0km s-min=23.6km az=56.0, Southern Sumatera

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, NWAO Narrogin (SR0), etc.

IDC 16 22:13:24.1.12.0.6.10N.126.97E, h190km, 128km, mb3.3/7, mb1 3.4/7, mb1mx3.3/17, Error ellipse: s-maj=62.1km s-min=18.3km az=73.0

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, NWAO Narrogin (SR0), etc.

IDC 16 23:32:28.0.8.8.14.18N.42.27E, mb3.8/6, mb1 4.0/6,

mb1mx3.8/17, Error ellipse: s-maj=183.0km s-min=37.5km az=14.0, DHMR 16 22:33:29.5.0.5.14.54N.42.56E, h10km, ML3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAJJ Hajjah, DHBH Dhamar B, MLKL Al Mukalla, etc.

NEIC 16 22:35:32.4.1.8.6.43S.128.63E, h285km, 200km, mb4.1/5, Error ellipse: s-maj=24.5km s-min=22.2km az=59.0

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

SNSN 16 22:42:46.8.28.91N.32.51E, M12.9, HLW 16 22:42:50.28.94N.32.78E, h3km, Mb3.2

Gil 16 22:42:51.3.0.4.28.96N.32.30E, h25km, 30km, ML2.6/6, Mw2.9/3

IDC 16 22:42:50.2.0.7.28.92N.0.03.32.75E.0.03, h2km, 6gkm, n38, s=0888/47, 4C-9D, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAF Zafra, HRMS Abu Rudays, GRB Garib, etc.

IDC 16 22:54:25.0.8.3.6.49N.125.66E, h187km, 81km, mb3.3/7, mb1 3.4/7, mb1mx3.3/18, Error ellipse: s-maj=89.2km s-min=16.4km az=69.0

IDC 16 22:54:21.8.2.2.6.6N.0.2.125.8E.0.7, h174km, 27km, n8, s=1339/8, mb3.5/7, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCPH Surigao, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 16 23:03:45.2.0.8.3.49N.125.66E, h187km, 81km, mb3.3/7, mb1 3.4/7, mb1mx3.3/18, Error ellipse: s-maj=89.2km s-min=16.4km az=69.0

MKAR 0.5nm, 0.5s, baz=122, slow=3.7, SNR=7.2, FINES FINES Array B 0.831 332 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 16 23:01:17.9.17.0.23.22S.174.29W, etc.

BUI 16 23:07:03.5.19.90S.177.35W, h618km, mb4.5, mb4.6, NEIC 16 23:07:05.3.0.3.0.19.88S.178.21W, h600km, mb4.4/18, Error ellipse: s-maj=13.5km s-min=7.9km az=143.0

IDC 16 23:07:07.0.2.1.19.90S.178.25W, h615km, 25km, mb3.7/12, mb1 3.9/12, mb1mx3.7/17, Error ellipse: s-maj=26.4km s-min=11.1km az=154.0

IDC 16 23:07:04.2.4.2.19.95.0.1x178.25W.0.10, h601km, 29gkm, n95, s=093/43, mb4.3/28, 3C-4D, Fiji Islands region

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

IDC 16 23:07:04.2.4.2.19.95.0.1x178.25W.0.10, h601km, 29gkm, n95, s=093/43, mb4.3/28, 3C-4D, Fiji Islands region

SNSN 16 22:42:46.8.28.91N.32.51E, M12.9, HLW 16 22:42:50.28.94N.32.78E, h3km, Mb3.2

Gil 16 22:42:51.3.0.4.28.96N.32.30E, h25km, 30km, ML2.6/6, Mw2.9/3

IDC 16 22:42:50.2.0.7.28.92N.0.03.32.75E.0.03, h2km, 6gkm, n38, s=0888/47, 4C-9D, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAF Zafra, HRMS Abu Rudays, GRB Garib, etc.

IDC 16 22:54:25.0.8.3.6.49N.125.66E, h187km, 81km, mb3.3/7, mb1 3.4/7, mb1mx3.3/18, Error ellipse: s-maj=89.2km s-min=16.4km az=69.0

IDC 16 22:54:21.8.2.2.6.6N.0.2.125.8E.0.7, h174km, 27km, n8, s=1339/8, mb3.5/7, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCPH Surigao, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 16 23:03:45.2.0.8.3.49N.125.66E, h187km, 81km, mb3.3/7, mb1 3.4/7, mb1mx3.3/18, Error ellipse: s-maj=89.2km s-min=16.4km az=69.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jabal al Moall, Ayunah, AD Bad, Haqi, Novy Kostel, etc.

JMA 16 23:23:25.1, 46.58N, 8.05E, h8km, ML1, 0/8
LDR 16 23:23:27.4, 0.3, 46.63N, 8.01E, h8km, Md2, 1/2, M11, 7/7.

Error ellipse: s-maj=5.76km s-min=2.5km az=84.0
ISC 16 23:23:25.1, 0.4, 46.60N, 0.02, 8.02E, 0.4, h6km, n14,
<095/29, 1C, Switzerland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HASLI, WIMIS, LKBD, BSNALP, FUSIO, etc.

JMA 16 23:27:58.4, 0.3, 23.25N, 121.60E, h51km
TAP 16 23:27:57.6, 23.33N, 121.49E, h26km, ML3.2, Taiwan

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

JMA 16 23:44:24.4, 24.76N, 121.89E, h84km, ML3.6
JMA 16 23:44:25.0, 0.3, 24.88N, 121.99E, h73km, M2, 6

ISC 16 23:44:24.7, 2.3, 24.8N, 0.3, 121.9E, 0.1, h69km, 32km, n6,
<037/12, Taiwan

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

IDC 16 23:54:00.4, 6.1, 5.82S, 149.36E, h81km, 48km, mb3, 4/5,
mb1 3.6, mb1mx3, 4/14, ML2, 4/1, MS3, 2/1, Ms1 3, 2/1,

ms1mx2, 7/8, Error ellipse: s-maj=69.6km s-min=34.9km
az=96.0

ISC 16 23:53:58.1, 2.9, 5.85S, 149.42E, 0.3, h75km, 24km, n9,
<037/10, mb3, 4/4, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, CTA, WB2, etc.

Table with columns: WRA, ASAR, FITZ, STKA, MKAR. Includes stations like Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

ISK 17 00:03:47.8, 36.97N, 27.84E, h5km, MD3.2
NEIC 17 00:03:48.7, 36.87N, 27.68E, h27km, MD3.2(A/H), After

ATH 17 00:03:48.7, 36.87N, 27.68E, h27km, 5km, MD3.2/6
ISC 17 00:03:47.5, 0.8, 36.87N, 0.03, 27.75E, 0.04, h7km, 5km,

n18, <012/26, 2C, Dodecanese Islands

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

JMA 17 00:33:43.0, 4.0, 27.62N, 140.28E, h524km, M4.1
IDC 17 00:33:43.0, 0.2, 27.56N, 140.10E, h506km, km, mb3, 1/8,

mb1 3.3/8, mb1mx3, 7/20, Error ellipse: s-maj=27.2km
s-min=13.0km az=74.0

NEIC 17 00:33:43.1, 1.1, 27.56N, 140.07E, h504km, 13km, mb3, 7/5,
Error ellipse: s-maj=24.9km s-min=11.1km az=79.0

ISC 17 00:33:42.9, 0.5, 27.54N, 0.06, 140.1E, 0.2, h521km, 8km,
n28, <075/32, mb3, 5/12, Bonin Islands region

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

IGQ 17 02:51:59.7, 2.90S, 77.53W, h12km, 3km, mb4, 6, Error
ellipse: s-maj=6.0km s-min=2.1km az=127.2

NEIC 17 02:52:01.8, 1.1, 3.13S, 77.59W, h103km, 13km, mb4, 2/4,
Error ellipse: s-maj=20.2km s-min=9.6km az=77.0

IDC 17 02:52:07.0, 4.3, 2.92S, 77.56W, h154km, 45km, mb3, 5/3,
mb1 3.6/6, mb1mx3, 4/21, MS3, 0/1, Ms1 3.0/1, ms1mx2, 5/22,

Error ellipse: s-maj=36.0km s-min=16.7km az=72.0
ISC 17 02:52:00.3, 0.7, 3.16S, 77.60W, 1.0, h88km, 11km, n44,
<085/45, mb4, 1/6, 8-CD, Peru-Ecuador border region

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

IDC 17 01:35:28.7, 3.0, 20.45S, 174.26W, mb3, 7/4, mb1 4.0/4,
mb1mx3, 7/16, Error ellipse: s-maj=21.30km
s-min=26.8km az=149.0, Tonga Islands

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

IDC 17 02:03:48.9, 2.7, 6.36S, 105.37E, mb3, 8/4, mb1 4.0/4,
mb1mx3, 7/14, MS3, 2/1, Ms1 3.4/1, ms1mx2, 9/16, Error

ellipse: s-maj=131.0km s-min=26.7km az=57.0, Sunda Strait

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

JMA 17 02:29:32.5, 0.3, 23.78N, 121.93E, h67km, M2, 7
TAP 17 02:29:31.1, 23.81N, 121.80E, h29km, ML3.1, Taiwan

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

NEIC 17 02:32:39.8, 39.07N, 20.60E, h10km, MD3.2(A/H),
ML3.0(THE), After ATH

ATH 17 02:32:39.8, 39.07N, 20.60E, h10km, 8km, MD3.2/6
THE 17 02:32:41.3, 39.13N, 20.54E, h10km, ML3.0

ISC 17 02:32:40.0, 0.7, 39.07N, 0.03, 20.50E, 0.05, h10km, n16,
<122/26, Greece-Albania border region

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

IGQ 17 02:51:59.7, 2.90S, 77.53W, h12km, 3km, mb4, 6, Error
ellipse: s-maj=6.0km s-min=2.1km az=127.2

NEIC 17 02:52:01.8, 1.1, 3.13S, 77.59W, h103km, 13km, mb4, 2/4,
Error ellipse: s-maj=20.2km s-min=9.6km az=77.0

IDC 17 02:52:07.0, 4.3, 2.92S, 77.56W, h154km, 45km, mb3, 5/3,
mb1 3.6/6, mb1mx3, 4/21, MS3, 0/1, Ms1 3.0/1, ms1mx2, 5/22,

Error ellipse: s-maj=36.0km s-min=16.7km az=72.0
ISC 17 02:52:00.3, 0.7, 3.16S, 77.60W, 1.0, h88km, 11km, n44,
<085/45, mb4, 1/6, 8-CD, Peru-Ecuador border region

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

ISC 17 01:35:28.7, 3.0, 20.45S, 174.26W, mb3, 7/4, mb1 4.0/4,
mb1mx3, 7/16, Error ellipse: s-maj=21.30km
s-min=26.8km az=149.0, Tonga Islands

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

IDC 17 02:03:48.9, 2.7, 6.36S, 105.37E, mb3, 8/4, mb1 4.0/4,
mb1mx3, 7/14, MS3, 2/1, Ms1 3.4/1, ms1mx2, 9/16, Error

ellipse: s-maj=131.0km s-min=26.7km az=57.0, Sunda Strait

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

NIED 17 03:01:00.41, 50N, 143.50E, h29km, M5.1 Best double
couple: M4.29x1016 NP1<296, 853, lambda=130. NP2:

lambda=171, 853, lambda=49.
BUJ 17 03:01:47.8, 41.50N, 143.32E, h28km, mb5.2, mb5.0,
Ms4.8, Ms24.6

JMA 17 03:01:49.7, 0.2, 41.54N, 143.50E, h47km, 3km, M5.1
JMA Fell II, J

HRVD 17 03:01:50.5, 0.3, 41.57N, 143.53E, h25km, MW5.1/50,
Centroid motion Tensor Solution, LR body waves:

s3,0,c50, Mantle waves: s5,0,c94; Half duration: 0 Moment
tensor: Scenta 1016Nm; Mr-3.54s, 1h; Mw0.61, 13; Mw0.29, 13; Mw0.24, 24; Mw0.27, 08; Mw0.88, 24;

Best double couple: M4.83x1016 NP1<175, 849, lambda=47.7;
NP2<300, 857, lambda=128. Principal axes: T 4.54, P1g5,
AzM55; N 5.7, P1g31; Azm323; P-5.12, P1g59;

Azm153; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.
MOS 17 03:01:50.4, 1.0, 41.78N, 143.36E, h38km, mb5.2/36,

Table of astronomical observations for 17d 3h, listing objects like OKC, Ostrava-Krasne, WUAZ, MORC, etc., with their coordinates and observation details.

Table of astronomical observations for 2004 AUG, listing objects like BOJS, WTTA, AFFS, etc., with their coordinates and observation details.

Table of astronomical observations for 356, listing objects like ACSO, WTLF, MCI, etc., with their coordinates and observation details.

ILAR	Eielson Array	44.93	35	P	P	04 24 29.1 +0.2
ILAR	comp=Z,7.0nm,0.8s					
ILAR	comp=Z,115nm,18.0s			MLR	MLR	
SHL	Shilling	45.14	266	eP	P	04 24 29.2 -2.0
DAWY	Dawson	48.25	35	eP	P	04 24 54.6 -0.5
DAWY	comp=Z,28nm,0.4s,mb5.0					04 25 06.1 -0.9
GUN	Gumba	48.38	273	eP	P	04 24 56.5 -0.1
VOSK	Vostochyann	46.87	309	P	P	04 24 56.7 -1.0
VOSK	comp=Z,24nm,1.4s,mb5.0					
BVAO	Borovoye Array	48.83	310	iP	P	04 24 58.9 -0.8
BRVK	Borovoye	48.88	310	P	P	04 24 59.5 -0.6
BRVK	comp=Z,7.0nm,1.1s,mb4.6					
BRVK	Borovoye	48.88	310	eP	P	04 24 58.7 -1.4
BRVK	comp=Z,9.9nm,0.7s,mb5.0					
KKN	Kakani	49.90	273	eP	P	04 25 00.2 -0.4
KKN	comp=Z,28nm,0.5s,mb5.0					
PKI	Pulchoki	48.92	273	eP	P	04 24 59.8 -0.9
PKI	comp=Z,7.4nm,0.3s,mb5.2					
TKM2	Tokmak 2	49.00	296	P	P	04 25 01.3 +0.2
TKM2	SNR=15					
DMN	Daman	49.12	273	eP	P	04 25 01.9 -0.4
DMN	comp=Z,12nm,0.5s,mb5.2					
GKN	Gorkha	49.27	274	eP	P	04 25 02.8 -0.6
GKN	comp=Z,7.0nm,0.4s,mb5.5					
KBK	Karagaybulak	49.54	296	P	P	04 25 05.1 -0.2
KBK	SNR=6.2					
KZA	Kyzart	49.57	295	P	P	04 25 06.0 +0.5
KZA	SNR=3.5					
USP	Ospenovka	49.60	296	P	P	04 25 05.2 -0.6
USP	SNR=3.3					
ZRNK	Zerenda	49.65	310	P	P	04 25 05.6 -0.4
ZRNK	comp=Z,8.0nm,0.8s,mb4.8					
ZRNK	Zerenda	49.65	310	eP	P	04 25 05.3 -0.7
ZRNK	comp=Z,20nm,0.8s,mb5.2					
FRU	Bishkek	49.70	296	eP	P	04 25 07.5 +1.0
FRU	SNR=3					
INK	Inuvik	49.73	29	eP	P	04 25 06.6 +0.1
INK	comp=Z,9.1nm,0.4s,mb5.2,baz=301,slow=7.0,SNR=97					
INK	Inuvik	49.73	29	P	P	04 25 06.6 +0.1
INK	comp=Z,121nm,21.5s,MS3.8,baz=119,slow=36					
INK	Inuvik	49.73	29	P	P	04 25 06.6 +0.1
INK	comp=Z,9.0nm,0.4s					
INK	Inuvik	49.73	29	P	P	04 25 06.6 +0.1
INK	comp=Z,121nm,21.5s					
KOLD	Koldanda	50.17	274	eP	P	04 25 10.0 -0.4
KOLD	comp=Z,25nm,0.6s,mb5.0					
EKS2	Erkin-Say	50.33	296	P	P	04 25 10.8 -0.6
EKS2	SNR=7.5					
AML	Almayashu	50.60	295	P	P	04 25 13.6 +0.1
AML	SNR=3.9					
KKAR	Karatay Array	52.34	298	iP	P	04 25 25.2 -1.3
KKAR	comp=Z,4.0nm,0.5s,mb4.6					
ARU	Arti	54.12	317	eP	P	04 25 38.6 -0.9
ARU	comp=Z,2.0nm,0.5s,mb4.5					
ARU	Arti	54.12	317	eP	P	04 25 38.6 -0.9
ARU	comp=Z,2.0nm,0.5s,mb4.5					
ARU	Arti	54.12	317	eP	P	04 25 38.6 -0.9
ARU	comp=Z,2.0nm,0.5s,mb4.5					
ARU	Arti	54.12	317	eP	P	04 25 38.6 -0.9
ARU	comp=Z,2.0nm,0.5s,mb4.5					
ARU	Arti	54.12	317	eP	P	04 25 38.6 -0.9
ARU	comp=Z,2.0nm,0.5s,mb4.5					
DLBC	Dease Lake	54.20	40	P	P	04 25 41.1 +1.0
DLBC	comp=Z,3.9nm,1.0s,mb4.3,baz=283,slow=8.3,SNR=8.2					
NDI	New Delhi	54.45	279	eP	P	04 25 40.0 -2.3
NDI	comp=Z,3.9nm,1.0s,mb4.3,baz=283,slow=8.3,SNR=8.2					
KAKA	Kakadu	54.86	193	eP	P	04 25 44.2 -1.3
KAKA	comp=Z,8.6nm,1.6s,mb5.5					
KAKA	Akbulak array	56.33	309	iP	P	04 25 54.6 -1.0
AB31	Akbulak array	56.33	309	iP	P	04 25 54.6 -1.0
AB31	comp=Z,5.0nm,0.6s,mb4.7					
KBS	Kingsley Havn	56.55	350	eP	P	04 25 59.1 +2.2
RES	Resolute Bay	57.15	15	eP	P	04 26 04.0 -2.5
RES	comp=Z,24nm,0.7s,mb5.3					
YKA	Yellowknife Ar	59.20	32	P	P	04 26 14.8 -0.8
YKA	comp=Z,1.8nm,0.6s,mb4.2,baz=302,slow=6.7,SNR=5.2					
YKA	Yellowknife Ar	59.20	32	P	P	04 26 14.8 -0.8
YKA	comp=Z,7.4nm,19.8s,MS3.8,baz=320,slow=40					04 26 07.5
YKA	Yellowknife Ar	59.20	32	P	P	04 26 14.8 -0.8
YKA	comp=Z,2.0nm,0.6s					
YKA	comp=Z,7.4nm,19.8s					
KEV	Kevo	59.85	339	eP	P	04 26 15.1 -4.9
KEV	comp=Z,1.7nm,0.3s,mb4.5					
KEV	Kevo	59.85	339	eP	P	04 26 15.1 -4.9
KEV	comp=Z,2.0nm,0.3s,mb4.6					
ARCES	ARCES Array B	60.40	339	P	P	04 26 22.3 -1.4
ARCES	comp=Z,3.7nm,0.8s,mb4.5,baz=66,slow=7.3,SNR=15					
ARCES	ARCES Array B	60.40	339	P	P	04 26 22.3 -1.5
ARCES	comp=Z,4.0nm,0.8s					
CTA	Charters Tower	61.31	177	P	P	04 26 29.4 -1.3
CTA	comp=Z,2.0nm,0.5s,mb4.5,baz=360,slow=6.0,SNR=5.5					
CTA	Charters Tower	61.31	177	P	P	04 26 29.4 -1.2
CTA	comp=Z,2.0nm,0.5s					
KTK1	Kautokoine	61.35	339	eP	P	04 26 29.1 -1.2
KTK1	comp=Z,34nm,2.1s,mb5.1					04 26 36.0
KTK1	Kautokoine	61.35	339	eP	P	04 26 29.1 -1.2
KTK1	comp=Z,34nm,2.1s,mb5.1					04 26 41.4 -1.1
KTK1	Kautokoine	61.35	339	eP	P	04 26 29.1 -1.2
KTK1	comp=Z,9.9nm,0.5s,mb5.2					04 26 29.1 -1.9
DAG	Damrask Havn	61.48	355	iP	P	04 26 31.3 -0.8
DAG	comp=Z,7.0nm,1.0s,mb4.8					
FITZ	Fitzroy Crossi	61.53	199	iP	P	04 26 31.3 -0.8
FITZ	comp=Z,7.0nm,1.0s,mb4.8					
WB2	Warramunga Arr	61.69	190	eP	P	04 26 31.3 -1.7
WB2	comp=Z,7.0nm,1.0s,mb4.8					04 26 35.2 -0.3
WRA	Warramunga Arr	61.69	190	eP	P	04 26 31.5 -1.6
WRA	comp=Z,13nm,0.8s,mb5.1,baz=7.9,slow=7.0,SNR=97					
WRA	Warramunga Arr	61.69	190	eP	P	04 26 31.5 -1.6
WRA	comp=Z,13nm,0.8s					
TRO	Tromso	62.02	341	eP	P	04 26 32.2 -2.5
TRO	comp=Z,3.4nm,2.1s,mb5.2					04 26 43.8 -0.2
RPW	Rockport	63.37	48	P	P	04 26 43.8 -0.2
RPW	comp=Z,3.4nm,2.1s,mb5.2					04 26 45.6 -0.8
RMW	Rattlesnake Mo	63.75	49	eP	P	04 26 45.6 -0.8
RMW	comp=Z,3.4nm,2.1s,mb5.2					04 26 49.3 +0.5
FMW	Mount Fremont	64.42	49	P	P	04 26 51.1 +0.6
FMW	comp=Z,3.4nm,2.1s,mb5.2					04 26 52.9
LOF	Lofoten	64.45	341	eP	P	04 26 51.1 +0.6
LOF	comp=Z,7.9nm,1.3s,mb5.6					
COR	Corvalls	64.47	52	eP	P	04 26 50.9 -0.2
COR	comp=Z,2.0nm,1.0s,mb5.1					
COR	Moscow	64.62	323	eP	P	04 27 06.7
COR	comp=Z,2.0nm,1.0s,mb5.1					04 26 47.1 -4.8
MOS	Moscow	64.62	323	eP	P	04 27 06.7
MOS	comp=Z,2.0nm,1.0s,mb5.1					
KAF	Kangasniemi	65.08	333	eP	P	04 26 51.5 -3.2
KAF	comp=Z,7.0nm,0.5s,mb5.0					
KAF	Kangasniemi	65.08	333	eP	P	04 26 51.5 -3.2
KAF	comp=Z,7.0nm,0.5s,mb5.0					
HSO	Harness Mount	65.19	53	P	P	04 26 56.8 +0.9
HSO	comp=Z,7.0nm,0.5s,mb5.0					04 26 56.8 -0.8
ASAP	Alice Springs	65.41	190	P	P	04 26 57.0 -0.6
ASAP	comp=Z,9.3nm,0.7s,mb4.9,baz=12,slow=6.2,SNR=92					
ASA	Alice Springs	65.42	190	eP	P	04 26 57.0 -0.6
ASA	comp=Z,9.3nm,0.7s,mb4.9,baz=12,slow=6.2,SNR=92					04 27 09.5 -0.6
OBN	Obninsk	65.48	323	iP	P	04 26 56.1 -1.4
OBN	comp=Z,16nm,0.6s,mb5.2					
OBN	Obninsk	65.48	323	iP	P	04 26 56.1 -1.4
OBN	comp=Z,16nm,0.6s,mb5.2					
DPW	Davenport	65.53	47	eP	P	04 26 57.6 -0.3
DPW	comp=Z,300nm,21.0s,MS4.5					04 26 56.9 -1.3
FINES	FINES Array B	65.61	332	P	P	04 26 56.9 -1.3
FINES	comp=Z,18nm,0.5s,mb5.4,baz=59,slow=7.2,SNR=186					
FINES	FINES Array B	65.61	332	P	P	04 26 56.9 -1.3
FINES	comp=Z,223nm,21.4s,MS4.3,baz=235,slow=38					
FINES	FINES Array B	65.61	332	P	P	04 26 56.9 -1.3
FINES	comp=Z,18nm,0.5s					
FINES	FINES Array B	65.61	332	P	P	04 26 56.9 -1.3
FINES	comp=Z,223nm,21.4s					
FINES	FINES Array B	65.61	332	P	P	04 26 56.9 -1.3
HAWA	Hanford	65.64	49	eP	P	04 26 55.2 -3.4

MOR8	Moi Rana	65.74	340	eP	P	04 26 56.4 -2.5
MOR8	comp=Z,12nm,0.9s,mb4.9					04 27 10.6
MOR8	Moi Rana	65.74	340	eP	P	04 26 56.4 -2.5
MOR8	comp=Z,38nm,1.8s,mb5.1					
NEW	Newport	65.89	46	eP	P	04 26 59.6 -0.6
NEW	comp=Z,14nm,0.9s,mb5.0					
VIFM	Ingram Point	66.10	51	P	P	04 27 02.2 +0.6
VIFM	comp=Z,29nm,0.8s,mb5.4					04 27 01.8 -0.2
YBH	Yreka Blue Hor	66.44	55	eP	P	04 27 04.4 +0.6
YBH	comp=Z,5.0nm,0.7s,mb4.7					
LNOR	Linton Mount	66.65	49	eP	P	04 27 05.2 +0.2
LNOR	comp=Z,11nm,1.1s,mb4.8					04 27 08.4 -0.2
WDC	Whiskeytown Da	67.22	55	eP	P	04 27 16.9 +0.3
WDC	comp=Z,10nm,1.1s,mb4.8					
WVOR	Wild Horse Val	68.48	52	eP	P	04 27 16.6 -0.7
WVOR	comp=Z,10nm,1.1s,mb4.8					04 27 17.9 -0.5
OHCM	Honcut	68.60	56	eP	P	04 27 17.9 -0.5
OHCM	comp=Z,12nm,0.9s,mb4.9					04 27 19.9 -0.6
CHMT	Chamberlain Mo	68.80	46	eP	P	04 27 31.8 -1.2
CHMT	comp=Z,6.1nm,0.9s,mb4.5					04 27 32.4 +0.4
BEKR	Beckworth	68.98	55	eP	P	04 27 26.4 0.0
BEKR	comp=Z,12nm,0.9s,mb4.9					04 27 27.8 +0.5
FFC	Flin Flon	69.14	34	eP	P	04 27 28.9 +0.2
FFC	comp=Z,16nm,0.9s,mb4.9					
FFC	Holter Researc	69.69	45	eP	P	04 27 31.8 -1.2
FFC	comp=Z,5.0nm,0.7s,mb4.7					04 27 32.4 +0.4
HRV	Holter Researc	69.69	45	eP	P	04 27 31.8 -1.2
HRV	comp=Z,5.0nm,0.7s,mb4.7					04 27 27.8 +0.5
CMB	Columbia Colle	70.07	57	eP	P	04 27 27.8 +0.5
CMB	comp=Z,6.1nm,0.9s,mb4.5					04 27 28.9 +0.2
HLID	Haley	70.24	49	eP	P	04 27 28.9 +0.2
HLID	comp=Z,5.1nm,1.0s,mb4.4					
BOZ	Bozeman (W)	70.47	46	eP	P	04 27 29.7 +0.4
BOZ	comp=Z,15nm,0.8s,mb5.0					04 27 28.5 -1.2
BMN	Battle Mountai	70.53	53	eP	P	04 27 28.5 -1.2
BMN	comp=Z,12nm,0.9s,mb4.8,baz=36,slow=5.8					04 27 28.9 -0.8
NB2	NORSAR Subarra	70.68	338	P	P	04 27 28.9 -0.8
NB2	comp=Z,5.8nm,0.7s,mb4.7,baz=36,slow=6.2,SNR=34					
NB2	NORSAR Subarra	70.68	338	P	P	04 27 28.9 -0.8
NB2	comp=Z,5.8nm,0.7s,mb4.7,baz=36,slow=6.2,SNR=34					
NOA	NORSAR Array B	70.68	338	P	P	04 27 28.9

NIED 17 04:25:00, 41.50N, 143.50E, h26km, Mw4.6 Best double couple: M₀ 7.78x10¹⁵ N₁ 330°, δ55°, λ-82°. NP₂: φ=136°, δ35°, λ-101°.

BUI 17 04:25:11.5, 41.60N, 143.37E, h55km, mb4.9, mb4.8, Ms4.1, Msz3.9

JMA 17 04:25:11.8, 0.1, 41.51N, 143.48E, h47km, mb4.7, M4.7

JMA Felt II J1

MOS 17 04:25:11.1, 1.1, 0.41, 48N, 143.36E, h43km, mb4.9/28, Error ellipse: s-maj=13.9km s-min=6.8km az=104.6

IDC 17 04:25:12.3, 2.6, 41.46N, 143.32E, h38km, mb4.4, mb4.4/24, mb1 4.5/27, mb1 mx4.5/29, ML4.2/3, MS3.8/4, Ms1 3.8/4, ms1 mx3.4/34, Error ellipse: s-maj=14.6km s-min=10.5km az=119.0

NEIC 17 04:25:13.7, 0.6, 41.47N, 143.33E, h50km, mb4.8/75, MW4.6(NIED), Error ellipse: s-maj=4.4km s-min=3.3km az=152.0

NEIC Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori and Iwate Prefectures, Honshu.

ISC 17 04:25:11.3, 0.5, 41.47N, 0.03, 143.42E, 0.04, h41km, 3km, h42km, 5.2km, p-P, n277, 0.9/292, mb4.8/11, MS4.2/8,

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
JEM	Erimo	0.58	340	Op	04 25 23.3	+0.2
JEM				↑P	04 25 23.2	+0.5
JNBK	Urakawa-nobuka	0.95	329	↑P	04 25 29.2	+0.9
JNBK				↑P	04 25 41.8	+0.9
JCH	Churui	1.14	358	↑P	04 25 31.0	0.0
JOB	Onbets	1.46	12	↑P	04 25 35.5	-0.2
JBT2	Biratori 2	1.52	29	↑P	04 25 37.5	+1.1
JOT	Ohata	1.79	268	↑P	04 25 41.5	+1.3
JOT				↑P	04 26 03.4	+1.5
JAK	Akkeshi	1.79	31	↑P	04 26 00.4	+1.7
JFR	Furan	1.80	340	↑P	04 25 41.1	+0.7
JANG	Nango	1.81	233	↑P	04 25 40.6	0.0
JKB	Kayabe	1.84	284	↑P	04 25 41.0	+0.8
JKB				↑P	04 25 04.5	+1.4
JAR	Ashorobuto	1.84	8	↑P	04 25 40.4	-0.6
JAR				↑P	04 26 01.8	-1.5
JTM	Tenmabayashi	1.90	250	↑P	04 25 42.9	+1.0
JTM				↑P	04 26 06.2	+1.4
ASAJ	Asahikawa	2.71	347	↑P	04 25 53.6	+0.1
ASAJ				↑P	04 25 53.6	+0.1
ASAJ	comp=Z,1μm,20.7s,baz=274,slow=47			LR	04 27 20.5	
ASAJ	Asahikawa	2.71	347	↑P	04 25 53.6	+0.1
ASAJ	comp=Z,22nm,0.3s			MLR	MLR	
ASAJ	comp=Z,1μm,20.7s			MLR	MLR	
YUK	Yuzh-Kuril'sk	3.13	34	↑P	04 25 57.0	-2.4
YUK				↑P	04 26 32.0	-3.9
YUK	comp=N,2μm,0.7s			max	max	
YUK	comp=E,2μm,0.7s			max	max	
YUK	comp=Z,3μm,0.7s			max	max	
YUK	comp=N,350nm,0.4s			max	max	
YUK	comp=Z,1μm,0.4s			max	max	
YUK	comp=E,320nm,0.4s			max	max	
YUK	comp=N,8μm,0.7s			max	max	
YUK	comp=E,14μm,0.8s			max	max	
YUK	comp=N,11μm,0.5s			max	max	
YSS	Yuzh-Sakhalins	5.50	355	eP	04 26 32.0	-0.8
YSS				eS	04 27 30.0	-5.7
YSS	comp=N,80nm,0.9s			max	max	
YSS	comp=N,1μm,20.0s			MLR	MLR	
YSS	comp=Z,1μm,20.0s			MLR	MLR	
MAJO	Matsushiro	6.38	221	eP	04 26 45.0	-0.1
MAT	Matsushiro	6.38	221	eP	04 26 44.8	-0.3
MAT	Matsushiro	6.38	221	eS	04 27 59.1	+1.5
MAT	Matsushiro	6.38	221	eP	04 26 45.0	-0.1
MAT	comp=Z,33nm,0.7s			S	04 27 59.0	+1.4
MAT	comp=Z,12nm,0.3s,baz=217,slow=23,SNR=3.7			Pn	04 27 14.8	-4.4
JHJ	Hachioji jima 2	8.82	200	Pn	04 28 48.2	-1.0
JHJ	Tymovskoe	9.41	357	eP	04 27 21.6	-5.6
JHJ	comp=Z,1μm,18.0s			MLR	MLR	
MDJ	Mudanjiang	10.60	292	P	04 27 43.4	-0.1
MDJ	comp=Z,15nm,0.6s			AMB	AMB	
MDJ	comp=Z,93nm,10.9s			AMB	AMB	
KLR	Kul'dur	11.29	317	eP	04 27 52.2	-0.6
KLR	comp=Z,21nm,1.2s			max	max	
KLR	comp=E,600nm,15.0s			MLR	MLR	
KLR	comp=Z,1μm,15.0s			MLR	MLR	
JNU	Nakatsue	12.99	234	Pn	04 28 15.2	-0.6
JNU	comp=Z,0.9nm,0.3s,baz=42,slow=30,SNR=5.0			LR	04 33 30.0	
CN2	Changchun	13.44	286	eP	04 28 20.5	-1.0
CN2	comp=Z,10.0nm,0.9s			AMB	AMB	
CN2	comp=Z,200nm,5.0s			LR	LR	
CN2	comp=N,700nm,13.0s			LR	LR	
CN2	comp=E,700nm,13.0s			LR	LR	
CN2	comp=Z,700nm,17.0s			P		
SNY	Shenyang	14.84	278	↑P	04 28 38.8	-1.1
SNY				AMB	04 31 19.0	-4.7
SNY	comp=Z,10.0nm,1.2s			LR	LR	
SNY	comp=E,470nm,18.6s			LR	LR	
SNY	comp=Z,550nm,19.1s			LR	LR	
DL2	Dalian	16.84	268	P	04 29 05.0	-0.4
DL2	comp=Z,20nm,1.0s			AMB	AMB	
MA2	Magadan	18.70	12	eP	04 29 25.8	-2.5
MA2	comp=Z,4.0nm,0.7s			max	max	
MA2	Magadan	18.70	12	P	04 29 26.3	-2.0
SSE	Sheshan	20.65	247	P	04 29 51.6	+1.8
SSE				XS	04 33 33.8	+0.6
SSE				XS	04 33 51.0	
SSE	comp=Z,42nm,0.7s			AMB	AMB	
SSE	comp=Z,93nm,12.0s			AMB	AMB	
SSE	comp=N,150nm,22.2s,MS3.4			LR	LR	
SSE	comp=E,115nm,22.2s,MS3.4			LR	LR	
SSE	comp=Z,207nm,19.6s,MS3.5			LR	LR	
SSE	Sheshan	20.65	247	P	04 29 51.6	+1.8
SSE	comp=Z,42nm,0.7s			S	04 33 33.8	+0.6
SSE				S	04 33 51.0	
BJI	Beijing	20.66	275	eP	04 29 47.3	-2.6
BJI				S	04 33 32.5	-1.0
BJI	comp=Z,79nm,1.9s			AMB	AMB	

BJI	comp=N,225nm,13.6s			LR	LR	
BJI	comp=E,409nm,20.0s			LR	LR	
BJI	comp=Z,431nm,20.8s			LR	LR	
BJI	Beijing	20.66	275	eP	04 29 47.2	-2.7
BJI	comp=Z,15nm,1.8s			S		
BJI				S		
NJ2	Nanjing	21.75	252	eP	04 30 32.5	-1.0
NJ2				AP	04 30 00.0	-0.9
NJ2				PP	04 30 11.1	
NJ2				PP	04 30 17.3	
NJ2				PP	04 30 25.3	-1.3
NJ2				PPP	04 30 35.6	-1.0
NJ2				S	04 33 53.0	-1.0
NJ2	comp=Z,40nm,0.6s,mb5.0			AMB	AMB	
NJ2	comp=Z,1μm,5.6s			AMB	AMB	
NJ2	comp=N,910nm,17.3s,MS4.3			LR	LR	
NJ2	comp=E,680nm,16.1s,MS4.3			LR	LR	
NJ2	comp=Z,2.2nm,0.5s			LR	LR	
NJ2	comp=N,8.0nm,0.6s			LR	LR	
NJ2	Attu Island-F	23.04	50	eP	04 30 00.3	-4.7
NJ2	comp=Z,200nm,12.0s,MS3.8			MLR	MLR	
NJ2	Attu Island-F	23.04	50	P	04 30 15.3	+1.9
NJ2	comp=Z,22nm,0.5s,mb4.8,baz=354,slow=1.7,SNR=6.8			P		
NJ2	comp=Z,8.4nm,0.6s,baz=34,slow=9.6,SNR=3.6			P	04 34 24.3	+7.2
NJ2	Attu Island-F	23.04	50	P	04 30 15.3	+1.9
NJ2				S	04 34 24.3	+7.2
NJ2	comp=Z,22nm,0.5s			max	max	
NJ2	comp=N,8.0nm,0.6s			P	04 30 15.1	+1.7
NJ2	Bodoi	24.82	321	eP	04 30 36.8	-3.8
NJ2	Wuhan	25.81	254	↑P	04 30 39.5	-0.7
NJ2	Songjiao Array	26.91	296	P	04 30 49.5	-0.7
NJ2	comp=N,20nm,0.5s,mb4.9,baz=81,slow=7.8,SNR=112			PcP	04 34 11.3	-0.7
NJ2	comp=N,0.9nm,0.5s,baz=196,slow=0.4,SNR=4.7			P	04 31 07.8	-1.2
NJ2	Zakamensk	29.00	302	eP	04 31 27.5	-0.5
NJ2	Lanzhou	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273	eP	04 36 57.9	-0.9
NJ2	LZH	31.12	273	eP	04 31 40.0	+0.7
NJ2	LZH	31.12	273	eP	04 31 46.5	+1.9
NJ2	LZH	31.12	273	eP	04 31 42.8	-1.6
NJ2	LZH	31.12	273	eP	04 32 55.5	-0.1
NJ2	LZH	31.12	273			

Table with columns: Call, Name, Frequency, Power, Mode, and other parameters. Includes stations like VVHS, YVHS, CLL, etc.

Table with columns: Call, Name, Frequency, Power, Mode, and other parameters. Includes stations like CAF, LASF, LFF, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JMA, IDC, ISC, etc.

17d 4h

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TBI Tubuai, PPT Papeete, TOO Toolangi, CTA Charters Tower, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SNAWA, KS15 Wnju Array Si Sheshan, SSE, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CN2, TIA Tai'an, WWOR Wild Horse Val, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Saint Saulge, Avril sur Loir, Saint Martin d, Signal de Mont, Bois d'Agiand, Toulx Ste Croix, La Plagne, La Plagne, Les Rejaudoux, Oris-en-Rattie, Montbardon, La Frestale, Saint-Julien-I, Calviada, Sospel, Simiane la Rot, Ste Croix, La Foret Royal, La Moure, Pioggiolo, Ste Jean, Montleuzer, Esparrros, Etsaut, Sonseca Array, Koldanda, Makanchi Array, GERES Array B.

IDC 17:04:53:35.0.11.0.21.01N-94.65E, h94km, 158km, mb3.5/2, mb1.3/3, mb1mx3.2/17, ML3.2/1, Error ellipse: s-maj=136.0km s-min=45.0km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chiang Mai Arr, Shillong, Gumba, Pukchiko, Kakani, Daman, Gorkha, Koldanda, Makanchi Array, GERES Array B.

CASC 17:04:56:33.4.2.4, 10.23N-88.64W, h27km, 15km, MD4.0, ML3.4, 12C-7D, Off coast of Central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like San Miguel, Bellamira, San Vicente, El Faro, La Ceiba, Las Brisas, Serv Nac Est T, Poneleoya, Cacacuatique, Boqueron, Leon, Telica 3, San Blas, San Jose, Miramir, Cerro Negro, El Retiro, Copaltepe, Motomombo, Robledal, Montecristo 2, Managua, Ticanetepe, Americas 2, Cofrada, Apoyo, Concepcion, Jicaral, Puriscal, Bijagal, Urasca, Buena Vista.

IDC 17:05:03:38.6.0.7, 14.72N-25.05W, mb4.2/16, mb1.4/4.16, mb1mx4.2/23, MS4.0/8, Mst1.4/0.8, ms1mx3.8/22, Error ellipse: s-maj=25.3km s-min=16.0km az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Toumodi.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Dimbokro, Kusan Boka, Lamto, Brasilia, Davos, Eskdalemuir Ar, Samuel, Geres Array B, Villa Florida, Scheferville, La Paz, NORSAR Array B, Keskin Array B, Jabal al Asfar, Lakeview Retre, FINESS Array B, ARCES Array B, Wicita Mounata, Lajitas Array, GDLZ, ANMO, BNM, PDAR, WUWUY, HWUT, JLU, TPH, MNV, NVAR, DLBC, ILAR, ASAR, WRA.

OTT 17:05:10:52.3.0.0.46, 99N, h16km, MN2.9/36, 1D, 98km Northwest of Maniwaki, Qc Western Quebec Seismic Zone, Southern Quebec

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Cabonga Reserv, Grand Remous, Chalk River, Val d'Or, Algonquin Park, Algonquin 1s, Pembroke, Eldree, Glen Almond, Mont Tremblant, Ottawa, Alford, Plevna, Bancroft, BANO, MRHQ, Restoule Provi, Murphy's Point, Williamsburg, Buck Lake.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Kirkland Lake, Deloro Mine, Kingstons, Killbear Provi, Saint Jean, Lindsay, Prince Edward, Sudbury Onapin, Wesleyville, Pickering, Collingwood, Mont Orford, Tobermory, Bru, Lac Daran, Medina, Acton, Elora Gorge, Bruce Peninsula, Misere, La Malbaie, Sainte Mathild, Saint Simeon, Baie Comeau, Manicouagan, Pukasaskwa Natios, Pelee Island, La Grande 4, Pointe Anglin, Victor Mine, Clarke City, Sutton Inlier, Scheferville.

FUNV 17:05:43:50.2, 10.30N-61.81W, h54km, MW2.9, TRN 17:05:43:52.4, 10.24N-61.77W, h67km, MD3.4, ISC 17:05:43:49.2.0.8, 10.25N, 0.04-61.95W, h79km, 9km, n16, c127/29, 4C-2D, Trinidad

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Atlantic LNG, Buenos Aires, Guiria, Chacachacare, Pointe-a-Pierr, Trinidad (W), Brigand Hill, Guanoco, Carupano, Isla Los Testi, Mount Saint Ca.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Albuquerque, McKenzie Canyo, Guadalupe Moun, etc.

MAN 17:07:25:37.6, 18.174N:121.006E, h17km, mb4.2, ML3.0, MS2.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, etc.

MAN 17:07:25:37.6, 18.174N:121.006E, h17km, mb4.2, ML3.0, MS2.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, etc.

DJA 17:07:36:48.1, 0.4, 8.37S:115.92E, h80km, ML4.0/2, 8D, Error ellipse: s-maj=20.2km s-min=9.9km az=2.0, Bali region

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

IDC 17:07:40:00:5.2, 8.30S:177.57W, mb4.0/4, mb1 4/2/5, mb1mx3.9/15, ML3.3/21, Error ellipse: s-maj=63.0km s-min=41.0km

NEIC 17:07:40:01.1, 1.7, 30.73S:177.41W, h10km, mb4.3/3, Error ellipse: s-maj=33.9km s-min=19.3km az=88.0

IDC 17:07:40:00:8.2, 7.30S:177.6W, 0.4, h10km, n9, c074/9, mb4.1/6, Kermadec Islands region

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

1.6nm, 0.5s, baz=56, slow=5.0, SNR=14
KRSC 17:07:45:41.5, 0.8, 53.30N:153.64E, h551km, 9km, ML4.4
MOS 17:07:45:46.2, 0.9, 53.11N:154.73E, h532km, mb3.8/18, Error ellipse: s-maj=20.7km s-min=12.2km az=111.0

BUI 17:07:45:49.0, 53.60N:153.90E, h483km, mb4.4
NEIC 17:07:45:49.1, 0.4, 53.59N:153.93E, h483km, 6km, mb4.5/12, Error ellipse: s-maj=8.6km s-min=5.5km az=152.0

IDC 17:07:45:52.9, 2.7, 53.64N:153.86E, h522km, 32km, mb3.2/21, mb1 3/4/23, mb1mx3.4/27, Error ellipse: s-maj=12.1km s-min=9.6km az=155.0

ISC 17:07:45:47.9, 0.2, 53.52N:154.05E, 0.04, h514.0E, 0.08, h489km, 3km, n108, c190/142, mb3.8/34, 3C-2D, Sea of Okhotsk

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Apache, Malaya Ipe'l'ka, Ganaly, etc.

SKR comp=E, 80nm, 0.5s pmax pmax

SKR comp=Z, 110nm, 0.5s pmax pmax

SKR comp=Z, 500nm, 0.7s Smax

SPN Mys Shipunski 3.63 94 P P 07 47 01.2 -1.2

SPN Mys Shipunski 3.63 94 eP S 07 47 01.4 -1.9

SPN Mys Shipunski 3.63 94 eP S 07 47 59.5 -3.4

TUMR Tumrok 4.00 61 P P 07 47 06.5 +0.3

KOZ Kozyrevsk 4.02 51 P P 07 47 08.7 +0.5

KOZ Kamenshtaya 4.26 56 eP S 07 47 12.8 +0.7

SRDR Sredinnyy 4.32 47 eP S 07 47 09.1 +0.1

LGNR Loginovna 4.64 54 P P 07 47 12.1 +0.3

LGNR Mys Kozlova 4.67 74 P S 07 47 10.0 -2.0

MKZ Mys Kozlova 4.67 74 eP S 07 47 10.0 -2.0

MKZ Mys Kozlova 4.69 54 P P 07 47 11.7 -0.5

CIRR Klyuchi 4.75 51 eP S 07 47 12.6 -1.5

KLY Shiveluch 5.16 51 P P 07 48 20.4 +0.6

SVLR Krutoberegovo 5.76 59 P P 07 48 25.2 -1.4

KBTR Krutoberegovo 5.76 59 P P 07 47 20.2 -2.1

KBTR Krutoberegovo 5.76 59 P P 07 47 19.1 -3.2

MA2 Magadan 6.33 345e P P 07 48 30.9 -6.0

MA2 Magadan 6.33 345e P P 07 47 27.6 -0.4

BKI Bering 7.19 72 eP S 07 47 28.8 -8.0

BKI Seymchan 9.48 355 eP S 07 48 29.9 +2.0

SEY comp=N, 10.0nm, 0.5s pmax pmax

SEY comp=E, 5.0nm, 0.5s pmax pmax

YSS Yuzh-Sakhalins 9.75 232 e P 07 48 04.0 +0.3

YSS Yuzh-Sakhalins 9.75 232 e P 07 48 04.5 +0.8

FX1 Attu Island-F 11.51 85 P P 07 48 22.5 +0.3

FX1 Attu Island-F 11.51 85 eP S 07 50 50.9 +2.5

FX1 Asahikawa 12.03 223 P P 07 48 22.1 -0.2

ASAJ Asahikawa 12.03 223 P P 07 48 30.0 +2.2

ASAJ Yapakuts 15.43 313 eP S 07 49 01.9 -0.7

YAK Yapakuts 15.43 313 eP S 07 51 42.5 +2.1

comp=Z, 3.0nm, 0.4s

INUK Inuvik 35.76 37 eP P 07 52 05.9 +0.7

GTA Gaotai 38.93 271 eP AMB 07 52 32.8 +1.2

KURK Kurchatov 44.36 298 i P P 07 53 14.5 -0.1

KURK Kurchatov 44.36 298 i P P 07 53 14.1 -0.6

MKAR Makanchi Array 44.64 292 P P 07 53 16.7 -0.2

MKAR Makanchi Array 44.64 292 P P 07 53 16.8 -0.1

MKAR Makanchi Array 44.64 292 P P 07 53 16.7 -0.2

YKA Yellowknife Arr 45.27 41 P P 07 53 21.9 +0.4

YKA Yellowknife Arr 45.27 41 P P 07 53 21.9 +0.3

YKA Yellowknife Arr 45.27 41 P P 07 53 21.9 +0.4

YKA Yellowknife Arr 45.27 41 P P 07 53 21.9 +0.4

BVAO Borovoye Array 47.20 305 i P P 07 53 36.0 -0.5

BVAO Borovoye Array 47.20 305 i P P 07 53 36.0 -0.5

BRVK Borovoye 47.24 305i eP P 07 53 35.9 -0.9

ZRNK Zerenda 47.92 306 P P 07 53 41.4 -0.6

ARCES ARCESS Array B 51.67 339 P P 07 54 08.6 -1.0

ARCES ARCESS Array B 51.67 339 P P 07 54 08.6 -1.0

KKAR Karatay Array 53.44 295 i P P 07 54 22.1 -0.6

AB31 Akbulak array 54.67 307 i P P 07 54 30.4 -0.9

CMAR Chiang Mai Arr 54.76 252 P P 07 54 33.0 +0.6

CMAR Chiang Mai Arr 54.76 252 P P 07 54 33.0 +0.6

KAF Kangasniemi 57.57 334 eP P 07 54 46.8 -4.4

FINES FINESS Array B 58.19 334 P P 07 54 54.2 -1.2

FINES FINESS Array B 58.19 334 P P 07 54 54.2 -1.2

NVAR Mila Array B 59.98 66 P P 07 55 02.6 +1.6

OBN Obninsk 60.10 324eP P 07 55 07.4 -0.8

OBN Obninsk 60.10 324eP P 07 55 07.4 -0.8

PDAR Pinedale Array 60.44 57 P P 07 55 11.7 +1.1

NO2 NORARS Subarra 62.01 341 P P 07 55 19.5 -1.2

NO2 NORARS Subarra 62.01 341 P P 07 55 19.5 -1.2

NOA NORARS Array B 62.01 341 P P 07 55 19.9 -0.8

HFS Hagfors 62.32 339 P P 07 55 21.7 -1.1

HFS Hagfors 62.32 339 P P 07 55 21.7 -1.1

AKASG Malin Array Be 66.27 325 P P 07 55 46.4 -1.3

AKASG Malin Array Be 66.27 325 P P 07 55 46.4 -1.3

SCHO Schefferville 66.86 24 P P 07 55 50.4 -1.0

MLR Muntele Rosu 71.87 324 P P 07 56 21.0 -0.4

MLR Muntele Rosu 71.87 324 P P 07 56 21.0 -0.4

GERES GERESS Array B 72.62 334 P P 07 56 24.8 -0.7

TXAR Lajitas Array 73.76 63 P P 07 56 34.1 +1.6

BRTR Keskin Array B 73.87 316 P P 07 56 34.2 +1.3

BRTR Keskin Array B 73.87 316 P P 07 56 34.2 +1.3

WRA Warramunga Arr 75.11 199 P P 07 56 40.3 +0.1

WRA Warramunga Arr 75.11 199 P P 07 56 40.3 +0.1

ASAR Alice Springs 78.82 199 P P 07 57 01.1 +0.8

ISC 17:07:49:33.9, 0.8, 37.34N:105.27, 97E, h16km, 12km, n7, c190/12, Turkey

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

IDC 17:08:19:49.1, 0.5, 55.45N:166.27E, mb4.2/22, mb1 4/4/24, mb1mx4.4/26, ML3.6/2, MS3.4/9, Ms1 3.5/9, Ms1mx3.0/33, Error ellipse: s-maj=15.0km s-min=9.8km az=21.0

BUI 17:08:19:51.4, 55.708N:166.27E, h28km, mb4.7, mb4.7, Ms4.2, Ms2.1

KRSC 17:08:19:51.1, 1.2, 55.53N:166.39E, h24km, 3km, ML4.8

MOS 17:08:19:52.0, 1.2, 55.48N:166.31E, h36km, mb4.3/14, Error ellipse: s-maj=9.2km s-min=9.2km az=52.5

NEIC 17:08:19:54.0, 0.5, 40N:166.36E, h35km, 9km, mb4.6/33, Error ellipse: s-maj=2.2km s-min=4.9km az=163.0

ISC 17:08:19:52.5, 0.4, 55.42N:166.30E, 0.03, h38km, 6km, h45km, 5km, pP-P, n169, c117/209, mb4.5/59, MS3.7/13, 1C-2D, Komandorskiy Islands region

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

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLY, KRSR, KMINR, KOPYTO, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like INK, DLBC, SONM, ZAK, YKA, SSE, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, KSN, PKI, GKN, DMN, KOLN, etc.

17d 11h

Table with columns: LSTR, comp=N, 175nm, 0.7s, Smax, 2.95 83 ePN Pn, 08 22 56.6 +3.9, 08 23 34.5, etc.

MAN 17 08:37:21.5, 51.50N:16.09E, ML3.0, Mining Induced PRU 17 08:37:22.3, 51.44N:16.09E

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

MAN 17 09:03:15.2, 10.29N:126.09E, h2km, mb4.0, ML2.8, MS2.5, 1D, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

2008 AUG

Table with columns: SCPH Surigao, 0.78 230j eP Pg, 09 03 30.4 -0.4, etc.

BJI 17 09:06:01.9, 40.14N:106.39E, h12km, mb4.2, ML3.6, Ms3.4, 1D, Western Nei Mongol

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

IDC 17 09:06:35.9, 3.1, 29.95S:138.19E, mb1 3.4/3, mb1mx3.3/9, ML3.1/3, Error ellipse: s-maj=72.6km, s-min=16.2km az=46.0

ISC 17 09:06:33.3, 0.7, 30.09S:10.05E:137.94E:0.07, h10km, n6, i1508/12, South Australia

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

MDD 17 09:22:05.8, 0.2, 42.30N:2.22E, h7km, 3km, mbLg1.8/19, Error ellipse: s-maj=2.2km s-min=1.3km az=172.0, PRXIMO

LDG 17 09:22:05.6, 0.2, 42.28N:2.20E, h3km, Md2.3/1, ML2.3/8, Error ellipse: s-maj=3.9km s-min=1.7km az=157.0

STR 17 09:22:06.0, 0.4, 42.38N:2.22E, h10km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 17 09:22:06.0, 42.38N:2.22E, h10km, ML2.5(STR), ML2.3(LDG), MN1.8(MD), After STR

ISC 17 09:22:04.3, 0.5, 42.36N:0.03E:2.19E:0.03, h14km, 5km, n30, i1141/40, 1C, Pyrenees

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

ESAC 18nm, 0.3s, SNR=7.1 Lg 09 23 12.3

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

NEIC 17 09:23:46.5, 14.78N:92.50W, h79km, MD4.1(MEX), After MEX

MEX 17 09:23:46.4, 1.0, 14.78N:92.52W, h79km, 15km, MD4.1, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

IDC 17 09:51:23.1, 12.0, 23.75S:178.94W, h326km, 113km, mb3.5/4, mb1 3.6/5, mb1mx3.3/15, Error ellipse: s-maj=63.8km s-min=40.6km az=45.0, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

KRSC 17 09:50:56.2, 0.2, 48.99N:157.89E, h59km, 27km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

ROM 17 11:15:42.8, 0.5, 44.64N:9.35E, h9km, 3km, MD2.8/5, ML2.0/9, Error ellipse: s-maj=1.4km s-min=0.9km az=0.0

NEIC 17 11:15:42.7, 44.71N:9.40E, h6km, MD2.8(ROM), ML3.0(GEN), ML2.7(LDG), After GEN

LDG 17 11:15:43.8, 0.2, 44.64N:9.55E, h10km, ML2.7/18, Error ellipse: s-maj=4.4km s-min=2.6km az=112.0

ISC 17 11:15:41.9, 0.3, 44.68N:0.02E:9.36E:0.02, h9km, 3km, n61, i1514/105, Northern Italy

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC

2004 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pisa, Cesana Torines, La Plagne, Poggioiolo, etc.

LDG 17 11:17:00.9.0.3.44.58N-9.72E, h10km, M2.6/16, Error ellipse: s-maj=6.3km s-min=4.2km az=106.0

ROM 17 11:17:01.7.0.2.44.62N-9.36E, h11km, M2.7/5, M1.9/1, Error ellipse: s-maj=1.9km s-min=1.0km az=0.0

NEIC 17 11:17:01.2.44.70N-9.40E, h7km, M2.7(ROM), M2.9(GEN), M2.6(LDG), After GEN.

ISC 17 11:17:00.8.0.3.44.65N.0.02-9.36E.0.02, h11km, M3.3km, n53, c1903/92, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Genova Univers, Prazzo, Bagnoli Di Lucca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cesana Torines, La Plagne, Poggioiolo, etc.

NEIC 17 11:44:13.5.38.60N-24.08E, h29km, ML3.5(ATH), ML3.3(TH), After ATH.

ATH 17 11:44:13.5.38.60N-24.08E, h29km, 2km, MD3.4/13, ML3.5

THE 17 11:44:16.5.38.77N-24.09E, h15km, ML3.3

ISC 17 11:44:12.3.0.8.38.61N.0.02-24.13E.0.05, h13km, 5km, n28, c098/42, 2C-3D, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Parnis Oros, Penteli, Alonnissos, etc.

MOS 17 12:10:12.2.1.1.35.95N-71.19E, h62km, mb4.3/8, Error ellipse: s-maj=24.1km s-min=10.8km az=91.0

NEIC 17 12:10:15.2.5.6.36.18N-71.30E, h69km, 42km, mb3.9/5, Error ellipse: s-maj=43.6km s-min=17.8km az=201.0

BUL 17 12:10:18.4.36.46N-71.00E, h96km, mb4.1

IDC 17 12:10:18.9.2.36.20N-71.49E, h101km, 69km, mb3.5/7, Error ellipse: s-maj=3.69mb s-min=3.59mb M3.7/2, Error ellipse: s-maj=50.1km s-min=21.4km az=24.0

NNC 17 12:10:31.0.4.5.37.09N-70.71E, h176km, 35km, mpv4.8, Error ellipse: s-maj=47.4km s-min=32.0km az=65.0

ISC 17 12:10:19.1.0.5.36.32N.0.03-71.55E.0.06, h122km, 7km, n77, c123/100, mb4.0/14, 13C-9D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, Thame Wali, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Simla, Tokmak 2, Osenovka, Kalpa, etc.

051° 11' 11"
 JMA 17 19:55:39.20.1, 30.53N-131.20E, h29km, 1km, M3.5
 NEIC 17 19:55:41.9, 2.3, 30.68N-131.14E, h57km, 2.3km, mb4.2/3,
 Error ellipse: s-maj=26.9km s-min=14.5km az=58.0
 IDC 17 19:55:42.5, 4.0, 20.67N-131.08E, h59km, 4.8km, mb3.4/6,
 mb1 3.6/7, mb1mx3.4/21, ML2.9/1, MS3.1/2, MS1 3.2/2,
 ms1mx2.8/19, Error ellipse: s-maj=98.2km s-min=18.6km
 az=67.0

ISC 17 19:55:37.3, 0.7, 30.46N-0.06-131.30E-0.06, h29km, n20,
 r=11720, mb3.9/9, MS3.1/1, 3C-2D, Kyushu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JTN	Tanegashima 3	0.34 305	Op P	19 55 45.5 +0.4	Sb
JTK	Kuchinoerabu	0.95 270	Op P	19 55 50.5 0.0	Pn
JKA	Kushima-Naru	1.06 359	Op P	19 55 54.4 +0.6	Pn
JNA	Suzayama	1.27 325	Op P	19 55 57.7 +1.3	Pn
JTZ	Takazaki	1.45 353	Op P	19 56 03.3 +1.4	Pn
JZO	Okuchi	1.78 340	Op P	19 56 07.3 +0.7	Pn
JJO	Shimokoshiki	1.82 312	Op P	19 56 07.4 +0.2	Pn
JNU	Nakatsue	2.68 352	Op P	19 56 20.4 +0.9	Pn
MAJO	Matsushiro	8.37 42	Op P	19 57 38.6 -1.0	P
ASAJ	Asahikawa	16.30 30	Op P	20 06 42.2	LR
SONAR	Songino Array	25.79 319	Op P	20 01 04.7 -2.6	P
CMR	Chiang Mai Arr	31.67 255	Op P	20 16 46.1	LR
MKAR	Makanchi Array	40.92 308	Op P	20 03 17.1 -1.5	P
BRVK	Borovyoe	49.10 316	Op P	20 04 19.8 -4.0	P
ZRKN	Zerenda	49.87 316	Op P	20 04 23.3 -2.5	P
WRA	Warramunga Arr	50.20 176	Op P	20 04 37.4 -0.0	P
ASAR	Alice Springs	53.88 177	Op P	20 05 02.0 +1.8	P
STKA	Stephens Creek	62.78 170	Op P	20 06 02.8 +0.5	P
INK	Inuvik	63.94 24	Op P	20 06 08.9 -0.6	P
FINES	FINESS Array B	70.52 331	Op P	20 06 49.2 -1.8	P

NEIC 17 20:28:32.9, 32.44S-71.63W, h28km, ML2.6(GUC), After GUC

GUC 17 20:28:32.9, 0.8, 32.44S-71.63W, h28km, 5km, MD3.5, ML2.6, 2C, Near coast of central Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PEL	Peleduehue	1.06 132	eS AMP	20 29 06.9 +0.8	Sn
RCDM	Rinconada Maip	1.26 147	iP AMP	20 28 54.9 0.0	Pn
FCH	Farellones	1.44 128	iP AMP	20 29 17.2 +1.6	Pn
LNV	Longovio	1.52 173	eP	20 28 57.4 -1.4	Pn
CHCH	Chadas Angostu	1.70 151	eP	20 29 02.1 +0.6	Pn
LMEL	Las Melosas	1.85 140	iP	20 29 04.4 +1.0	Pn
LMEL			iS	20 29 28.8 +2.7	Pn
LMEL			AMP	20 29 33.8	Pn

ISC 17 20:30:14.3, 39.25N-41.05E, h5km, MD3.5

ISC 17 20:30:15.9, 0.4, 39.28N-0.03-41.03E-0.04, h5km, n18, r=0594/25, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BINT	Bingol	0.58 226	iP	20 30 26.4 -1.2	Pg
ERZM	Erzurum	0.68 22	iP	20 30 28.6 -0.8	Pg
ERZM	Erzurum	0.68 22	iS	20 30 39.4 +0.9	Sg
EZC	Erzincan	1.05 297	PN	20 30 41.7 +4.5	Pn
BTMT	Batman	1.14 162	iPN	20 30 37.2 -1.3	Pn
BEST	Besiri	1.10 172	iS	20 30 41.8 -0.4	Pn
BEST	Besiri	1.10 172	iS	20 31 01.6 +1.3	Pn
DIY	Diyarbakir	1.52 205	ePN	20 30 44.0 +0.1	Pn
KELT	Kelkit	1.62 303	iP	20 30 45.2 -0.2	Pn
KELT	Kelkit	1.62 303	iS	20 31 10.3 +3.6	Pn
GUMT	Gumushane	1.68 315	PN	20 30 46.3 +0.1	Pn
ELZG	Elazig	1.78 245	iP	20 30 47.0 -0.4	Pn
ELZG	Elazig	1.78 245	iS	20 31 13.1 +2.3	Pn
VANB	Van	1.96 110	ePN	20 30 50.2 0.0	Pn
TVAN	Van	2.00 111	iS	20 30 51.2 +0.4	Pn
TVAN	Van	2.00 111	iS	20 31 19.6 +3.2	Pn
KARS	Kars	2.07 49	PN	20 30 51.0 0.0	Pn
MYA	Malatya	2.25 246	ePN	20 30 54.7 +0.4	Pn
MALT	Malatya	2.25 245	ePN	20 30 54.3 -0.1	Pn
SVSK	Karacayir	3.18 283	ePN	20 31 07.9 +0.3	Pn
SVST	Sivas	3.19 280	iP	20 31 12.7 +4.9	Pn
SVST	Sivas	3.19 280	iS	20 32 01.4 -0.8	Pn
TOKT	Tokat	3.61 288	ePN	20 31 13.8 +0.1	Pn

WEL 17 20:59:56.0, 0.5, 38.39S-178.85E, h20km, 3km, ML3.7/3, 3C, Error ellipse: s-maj=4.2km s-min=1.9km az=90.0, Off east coast of North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PUZ	Puketiti	0.56 304	Op P	21 00 15.7 +1.1	Sb
MXZ	Matakaoa Point	0.93 332	Op P	21 00 12.8 -0.5	Pn
MXZ	Matakaoa Point	0.93 332	iS	21 00 26.2 +1.0	Pn
MWZ	Matawai	1.04 273	iPN	21 00 14.6 -0.9	Pn
MWZ	Matawai	1.04 273	iS	21 00 28.2 -0.3	Pn
KNZ	Kokohu	1.12 235	PN	21 00 16.2 -0.4	Pn
URZ	Urewera	1.38 275	PN	21 00 19.9 -0.4	Pn
URZ	Urewera	1.38 275	SN	21 00 36.7 -1.4	Pn
BKZ	Black Stump Fm	2.00 246	PN	21 00 28.6 -0.7	Pn
BKZ	Black Stump Fm	2.00 246	SN	21 00 52.1 -1.8	Pn
MOVZ	Mowhango	2.62 246	ePN	21 00 36.7 -1.5	Pn
TSZ	Takapari Road	2.80 232	PN	21 00 38.0 -2.7	Pn
TSZ	Takapari Road	2.80 232	SN	21 01 11.3 -2.9	Pn
LTZ	Lake Taylor	6.66 227	ePN	21 00 27.8 -6.6	Pn
MOZ	McQueen's Vall	7.08 219	SN	21 02 47.9 -1.4	Pn

GUC 17 21:23:17.5, 0.6, 27.40S-70.66W, h45km, 9km, ML4.4

NEIC 17 21:23:17.5, 27.40S-70.66W, h45km, mb4.3/2, After GUC

NEIC Felt [V] at Caldera and [III] at Chanaral, Copiapo, Inca de Oro and Tierra Amarilla.

IDC 17 21:23:22.6, 0.7, 27.34S-70.57W, h53km, 4km, mb3.7/4, mb1 3.8/7, mb1mx3.7/16, MS3.2/5, MS1 3.2/5, ms1mx2.9/19, Error ellipse: s-maj=25.7km s-min=13.1km az=100.0

ISC 17 21:23:20.4, 0.9, 27.30S-0.03-70.8W-0.1, h54km, 7km, n28, r=1521/23, mb4.0/4, MS3.5/3, 7C-1D, Near coast of northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CPCH	Copiapo	0.38 99	iP	21 23 31.7 +1.0	P
CPCH	Copiapo	0.38 99	iS	21 23 38.2 0.0	P
VACH	Vallenar	1.27 179	iP	21 23 38.2 -4.0	P
VACH	Vallenar	1.27 179	iS	21 23 53.9 -4.5	P
VACH	Vallenar	1.27 179	AMP	21 23 57.2	P
CPN1	Cerro Paranal	2.69 7	iP	21 24 02.7 +0.4	P
CPN1	Cerro Paranal	2.69 7	iS	21 24 34.0 +0.4	P
CPN1	Cerro Paranal	2.69 7	AMP	21 24 51.3	P
TLL	Tololo Astrono	2.86 181	iP	21 24 05.1 +0.5	P
TLL	Tololo Astrono	2.86 181	iS	21 24 37.6 -0.4	P
TLL	Tololo Astrono	2.86 181	AMP	21 24 56.2	P
ANCH	Antofagasta	3.62 5	iS	21 24 54.9 -2.4	P

LVC Limon Verde 4.96 20 P 21 24 34.8 +0.5

LVC comp=N, 4.5nm, 0.3s, baz=177, slow=7.9, SNR=41

LPAZ La Paz 1.23 19 LR 21 25 31.6 +0.5

CPUP Villa Florida 12.05 88 P 21 25 59.6 -1.2

CPUP comp=N, 0.1nm, 0.3s, baz=286, slow=15, SNR=2.5

TRQA Torquist 13.03 148 P 21 26 22.2 -2.5

PLCA Paso Flores 13.40 179 LR 21 21 54.9

SAML Samuel 19.61 23 P 21 27 41.8 -5.3

BDFB BDFB Brasilia 24.10 66 P 21 28 31.3 -0.8

BDFB comp=N, 6.1nm, 0.7s, mb4.1, baz=244, slow=34, SNR=6.9

BDFB comp=N, 5.9nm, 0.9s, baz=212, slow=10, SNR=3.3

BDFB comp=N, 5.3nm, 0.8s, baz=227, slow=10, SNR=2.8

BDFB comp=N, 5.5nm, 0.3s, MS3.0, baz=294, slow=39

VNA1 Neumayer-Stat 55.46 159 iP 21 33 52.1 +0.7

VNA2 Neumayer-Stat 55.46 159 iS 21 33 15.1 +2.8

VNA2 Neumayer-Watz 55.81 159 iP 21 32 55.7 +1.7

VNA2 Neumayer-Watz 55.81 159 iS 21 33 17.3 +2.4

SNA1 Sanae 57.41 160 iP 21 33 04.3 -1.1

SNA2 Sanae 57.41 160 iS 21 33 35.5 -0.9

SNA3 Sanae 57.41 160 P 21 33 04.8 -0.7

SNA4 Sanae 57.41 160 P 21 33 18.6 -1.5

SNA5 Sanae 57.41 160 P 21 33 25.4 -1.0

SNA6 Sanae 57.41 160 P 21 33 04.2 -1.2

SNA7 Sanae 57.41 160 P 21 33 18.7 -1.5

SNA8 Sanae 57.41 160 P 21 33 25.3

DBIC Dimbokro 72.06 72 P 21 34 40.8 -0.3

DBIC comp=N, 1.8nm, 0.6s, mb4.2, baz=236, slow=8.8, SNR=5.7

DBIC comp=N, 4.9nm, 0.8s, baz=162, slow=7.1, SNR=3.4

DBIC comp=N, 3.2nm, 19.0s, MS3.6, baz=101, slow=33

PDAR Pinedale Arr 78.34 332 P 21 35 18.0 +1.5

PDAR comp=N, 0.2nm, 0.5s, mb3.3, baz=11, slow=7.7, SNR=2.6

PDAR comp=N, 0.3nm, 0.8s, baz=141, slow=5.8, SNR=2.6

NVAR Mina Array Bea 79.08 324 P 21 35 37.2 +1.2

ULM Lac du Bonnet 80.36 344 LR 22 11 41.4

ASAR Alice Springs 124.01 208 PKP 21 42 16.3 +3.1

ASAR comp=N, 0.1nm, 0.4s, baz=153, slow=2.0, SNR=2.4

ASAR comp=N, 0.4nm, 0.7s, baz=120, slow=1.9, SNR=3.2

WRA Warramunga Arr 127.11 210 PKP 21 42 36.3

MKAR Makanchi Array 151.23 40 PKP 21 43 09.6 +8.2

MKAR comp=N, 2.4nm, 0.6s, baz=319, slow=3.2, SNR=26

MKAR comp=N, 3.9nm, 0.5s, baz=318, slow=1.9, SNR=23

MKAR Makanchi Array 151.23 40 PKP 21 43 09.6 +8.2

MKAR comp=N, 2.4nm, 0.6s, baz=319, slow=3.2, SNR=26

JMA 17 21:26:08.6, 0.3, 31.14N-137.96E, h514km, M3.5

IDC 17 21:26:09.4, 0.8, 30.81N-137.67E, h489km, 17km, mb2.6/4, mb1 2.9/7, mb1mx2.7/23, Error ellipse: s-maj=35.5km s-min=15.3km az=64.0

ISC 17 21:26:08.0, 0.8, 31.01N-0.1x137.9E-0.2, h509km, 11km, n14, r=0586/15, mb3.1/4, Southeast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JHJ	Hachiojima 2	2.65 36	Op P	21 27 17.8 -0.4	S
JHJ	Hachiojima 2	2.65 36	S	21 28 16.3 +2.7	S
JHJ	Hachiojima 2	2.65 36	S	21 27 17.7 -0.5	S
JHJZ	Mitsune	2.66 36	P	21 27 21.1 -0.3	P
JHJZ	Mitsune	2.66 36	P	21 27 24.0 -0.2	P
JHJZ	Mitsune	2.66 36	P	21 27 25.0 +0.8	P
JHJZ	Mitsune	2.66 36	P	21 27 37.3 +0.2	P
JHJZ	Mitsune	2.66 36	P	21 27 41.1 -0.5	P
JHJZ	Mitsune	2.66 36	P	21 27 48.5 -0.6	P
JHJZ	Mitsune	2.66 36	P	21 29 08.2 +4.2	P
JHJZ	Mitsune	2.66 36	P	21 31 30.5 +0.2	P
JHJZ	Mitsune	2.66 36	P	21 33 40.8 +0.8	P
JHJZ	Mitsune	2.66 36	P	21 35 11.7 +1.8	P
JHJZ	Mitsune	2.66 36	P	21 34 21.6 -0.7	P
JHJZ	Mitsune	2.66 36	P	21 34 49.5 +0.4	P

NEIC 17 21:38:00.5, 33.16S-70.23W, h7km, ML2.7(GUC), After GUC

GUC 17 21:38:00.5, 1.0, 33.16S-70.23W, h7km, 2km, MD3.7, ML2.7, 3C-8D, Chile-Argentina border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
FCH	Farellones	0.18 196			

ORE	Reay	76.79	33	eP	P	09 14 54.7	-0.5
GALI	Galloway	76.90	361	eP	P	09 14 54.6	-1.3
ELOB	Lobios	76.99	50	P	P	09 14 56.0	-0.7
PCOI	Coimbra	77.00	52	eP	P	09 14 56.0	-0.8
PCAI	Carrot	77.01	361	eP	P	09 14 55.4	-1.1
OWE	Westray	77.03	321	eP	P	09 14 55.5	-1.1
MLA1	Latheron	77.04	33	eP	P	09 14 55.7	-0.9
WIM	Isle of Man	77.05	371	eP	P	09 14 56.2	-0.5
PCOU	Corrie	77.05	35	eP	P	09 14 55.9	-0.8
PTOM	Tomar	77.14	52	eP	P	09 14 56.7	-0.9
KBS	Kingsbay	77.18	11	iP	P	09 14 57.7	+0.6
KBS	KBS			eP	pP	09 15 14.4	+0.2
KBS	KBS			eS	SS	09 14 58.1	
KBS	KBS			eSS	SS	09 29 40.5	-1.1
KBS	KBS			eSS	AMS	09 54 08.1	
KBS	Kingsbay	77.18	11	eP	pmax	09 14 57.8	+0.7
KBS	KBS			eP	pmax	09 14 57.7	+0.6
KBS	KBS			eP	LR	09 14 56.4	-1.3
CPZ	Penzance	77.20	411	eP	P	09 14 56.4	-1.3
CPZ	CPZ			eP	AMB	09 14 59.1	
MCD	Coleburn Distri	77.22	341	eP	P	09 14 56.9	-0.8
WCB1	Church Bay	77.26	381	eP	P	09 14 56.4	-1.6
WCB1	WCB1			eP	AMB	09 14 59.3	
YRC	Rhoscolyn	77.26	381	eP	P	09 14 56.9	-1.1
PTEO	Sao Ticonio	77.29	54	eP	P	09 14 56.7	-1.7
OST	Stronsay	77.31	321	eP	P	09 14 57.1	-1.0
PVIS	Visau	77.32	51	eP	P	09 14 58.0	-0.6
PVRL	Vila Real	77.35	51	eP	P	09 14 57.7	-1.0
WLF1	Llynfaes	77.36	381	eP	P	09 14 57.1	-1.4
WLF1	WLF1			eP	AMB	09 14 59.8	
EPON	Pontenova	77.38	48	P	P	09 14 58.0	-0.8
MOE	Montferrier	77.39	53	eP	P	09 14 58.9	-0.1
YRE	Yr Eifl	77.40	381	eP	P	09 14 57.8	-0.9
YRE	YRE			eP	AMB	09 15 01.2	
CCA1	Carmenellis	77.42	411	eP	P	09 14 57.9	-1.0
MME1	Meikie Cairn	77.43	341	eP	P	09 14 57.7	-1.1
CGW	Gweek	77.44	411	eP	P	09 14 58.4	-0.6
BWH	Wardlaw	77.44	361	eP	P	09 14 57.8	-1.1
CRQ2	Rosennawones 2	77.48	411	eP	P	09 14 58.1	-1.1
CGH1	Goonhilly	77.48	411	eP	P	09 14 58.4	-0.9
CMA1	Manaccan	77.50	411	eP	P	09 14 58.2	-1.1
ERUA	La Rua	77.56	49	P	P	09 14 59.1	-0.8
MTE	Manteiga	77.54	51	eP	P	09 14 59.4	-0.9
MTE	MTE			eP	LR	09 39 38.0	
MTE	Manteiga	77.64	51	eP	P	09 14 59.2	-1.1
WPM1	Penmaenmawr	77.66	381	eP	P	09 14 59.2	-0.9
WPM1	WPM1			eP	AMB	09 15 01.5	
ESK	Eskdalemir	77.67	36	eP	pmax	09 14 59.2	-1.0
ESK	ESK			eP	pmax	09 14 59.2	-1.0
ESK	Eskdalemir	77.67	36	eP	P	09 14 59.2	-1.0
SBD	Saint Breward	77.69	411	eP	P	09 15 01.4	+1.1
BHH	Howats Hill	77.71	361	iP	P	09 14 59.2	-1.1
BCCI	Chapelcross	77.72	361	eP	P	09 14 58.6	-1.9
BB01	Bothel	77.76	361	eP	P	09 14 59.1	-1.6
PCBR	Castelo Branco	77.80	52	eP	P	09 15 00.3	-0.9
CSF	Scaffell	77.82	371	eP	P	09 15 00.1	-0.8
PBEJ	Beja	77.86	54	eP	P	09 15 00.9	-0.7
BBH	Bruntshel	77.86	361	iP	P	09 15 00.3	-0.9
CDU1	Dunnetdale	77.86	371	eP	P	09 15 00.6	-0.6
CKE	Keswick	77.87	371	eP	P	09 15 00.5	-0.8
BDL	Dobcross Hall	77.92	361	iP	P	09 15 00.9	-0.6
EGAL	Calabor	77.94	50	eP	P	09 15 01.5	-0.4
PBRG	Braganca	77.97	50	eP	P	09 15 01.4	-0.7
BTA	Talkin	78.04	361	eP	P	09 15 01.1	-1.2
FX1	Attu Island-F	78.15	322	LR	LR	09 47 06.0	
FX1	Attu Island-F	78.15	322	LR	LR	09 47 06.0	
FX1	Attu Island-F	78.15	322	LR	LR	09 47 06.0	
EGRO	El Granado	78.26	54	eP	P	09 15 01.2	-1.6
HTR	Trewern Hill	78.27	391	eP	P	09 15 03.1	-0.7
HTR	HTR			eP	AMB	09 15 05.2	
PALC	Alcouthin	78.28	54	eP	P	09 15 03.4	-0.5
SSP1	Stoney Pound	78.29	391	eP	P	09 15 02.8	-0.8
EBAD	Badajoz	78.37	53	eP	P	09 15 03.9	-0.9
HLM1	Long Mynd	78.41	391	eP	P	09 15 03.4	-0.9
HLM1	HLM1			eP	AMB	09 15 05.9	
MCH1	Michaelschurich	78.59	391	eP	P	09 15 03.4	-1.1
HSP	Horsnurd	78.59	12	eP	P	09 15 05.9	-0.4
HGH	Gray Hill	78.64	391	eP	P	09 15 04.9	-0.7
HGH	HGH			eP	AMB	09 15 07.3	
HAE	Alders End	78.71	391	eP	P	09 15 05.2	-0.7
HAE	HAE			eP	AMB	09 15 07.5	
LHO	Holmfirth	78.80	37	iP	P	09 15 05.5	-0.9
EMIN	Mina Concepcio	78.87	54	P	P	09 15 06.4	-0.6
ROSF	Rostrenen	79.04	43	eP	P	09 15 06.4	-1.4
QUIF	Quistinic	79.20	43	eP	P	09 15 07.4	-1.3
QUIF	QUIF			eP	pP	09 15 24.1	-1.8
SFS	San Fernando	79.48	55	eP	P	09 15 10.9	+0.4
SGMF	Saint Gilles	79.53	43	eP	P	09 15 08.8	-1.7
ESPR	Espora	79.67	55	P	P	09 15 11.5	0.0
ELAN	LANestosa	80.06	48	P	P	09 15 12.8	-0.6
EADA	Adamuz	80.37	53	P	P	09 15 15.3	+0.1
FOO	Flo	80.39	29	iP	P	09 15 14.6	-0.2
FOO	FOO			eP	AMB	09 15 16.9	
FOO	FOO			eP	pP	09 15 32.1	+0.1
FOO	FOO			eP	pP	09 15 14.6	-0.2
SUE	Sulen	80.41	29	eP	P	09 15 13.3	-1.7
SUE	SUE			eP	AMB	09 15 17.2	
SUE	Sulen	80.41	29	eP	P	09 15 13.1	-0.4
SUE	Sulen	80.41	29	eP	P	09 15 13.3	-1.7
ESDC	Sonsec Array	80.48	51	P	P	09 15 15.3	-0.5
ESDC	ESDC			eP	LR	09 46 23.5	
ESDC	Sonsec Array	80.48	51	P	P	09 15 15.6	-0.2
ESLA	Sonsec Array	80.48	51	eP	P	09 15 15.5	-0.3
ESLA	ESLA			eP	pmax	09 15 16.1	-0.3
LRVY	La Roche-sur-Y	80.58	44	eP	P	09 15 16.1	-0.1
EMIJ	Mijas	80.58	55	P	P	09 15 16.1	-0.3
GRR	Gorron	80.60	42	eP	P	09 15 15.2	-1.0
ELUO	Luque	80.75	54	P	P	09 15 17.3	0.0
FLN	La Foliniere	80.75	42	eP	P	09 15 16.1	-0.9

FLN	comp=Z,908nm,1.1s,mb5.3			eP			
OLEJ	comp=Z,1,um,20.0s			eP			
ELEJO	ile d'Oleron	80.87	45	eP	P	09 15 17.2	-0.5
ELEJO	Siera Lejo	80.87	54	P	P	09 15 18.6	+0.4
LDF	comp=Z,610nm,1.6s,mb3.3			eP			
LDF	La Druiterie	81.02	42	eP	P	09 15 17.5	-0.9
LDF	comp=Z,643nm,1.1s,mb2.2			eP			
LDF	LDF			eP	pP	09 15 34.4	-1.2
HYA	Hoyanger	81.04	29	eP	P	09 15 18.5	+0.2
HYA	HYA			eP	AMB	09 15 21.2	
HYA	comp=Z,149nm,1.3s,mb5.8			eP			
HYA	Hoyanger	81.04	29	eP	P	09 15 18.5	+0.2
HYA	comp=Z,149nm,1.3s,mb5.8			eP			
MOL	Molde	81.22	27	eP	P	09 15 20.8	+1.6
MOL	MOL			eP	AMB	09 15 24.3	
MOL	comp=Z,146nm,1.6s,mb5.7			eP			
MOL	Molde	81.22	27	eP	pP	09 15 37.3	+0.9
MOL	comp=Z,146nm,1.6s,mb5.7			eP			
ERON	Agron	81.23	54	P	P	09 15 20.2	+0.4
EALK	Alkurruntz	81.43	48	P	P	09 15 20.4	-0.3
EALK	comp=Z,207nm,1.1s,mb5.0			eP			
MFF	Saint Martin d	81.51	44	eP	P	09 15 19.9	-1.1
LOF	Lofoten	81.58	21	eP	P	09 15 23.2	+2.5
LOF	LOF			eP	AMB	09 15 26.4	
LOF	comp=Z,74nm,1.3s,mb5.5			eP			
LOF	Lofoten	81.58	21	eP	pP	09 15 40.3	+2.1
LOF	LOF			eP	pP	09 15 23.5	+2.5
LOF	comp=Z,74nm,1.3s,mb5.5			eP			
OSS	Osses	81.65	47	eP	P	09 15 21.0	-0.5
OSS	Quesada	81.61	53	P	P	09 15 22.4	+0.6
ETOR	Torete	81.63	50	P	P	09 15 22.6	+0.8
SJPF	San Japrasio	81.65	48	eP	P	09 15 21.1	-0.8
SJPF	comp=Z,686nm,1.3s,mb6.1			eP			
BLSS	Blasio	81.71	30	eP	P	09 15 23.2	+1.4
BLSS	BLSS			eP	AMB	09 15 25.4	
BLSS	comp=Z,117nm,1.5s,mb5.6			eP			
BLSS	Blasio	81.71	30	eP	pP	09 15 39.8	+0.8
BLSS	BLSS			eP	pP	09 15 23.2	+1.4
EVIA	Vianos	81.84	52	P	P	09 15 23.5	+0.6
EVIA	comp=Z,117nm,1.5s,mb5.6			eP			
ETSF	Etsaut	82.18	48	eP	P	09 15 24.0	-0.6
ETSF	comp=Z,410nm,1.1s,mb6.0			eP			
FDFA	Les Forges d'A	82.20	48	eP	P	09 15 25.2	+0.5
REYF	Montagne du Re	82.25	47	eP	P	09 15 24.6	-0.3
NSS	Namsos	82.39	25	iP	P	09 15 24.3	-0.8
NSS	NSS			eP	AMB	09 15 26.8	
NSS	comp=Z,74nm,1.4s,mb5.4			eP			
NSS	NSS			eP	pP	09 15 41.2	-1.2
NSS	NSS			eP	AMS	09 50 55.0	
NSS	Namsos	82.39	25	eP	P	09 15 24.4	-0.8
NSS	comp=Z,74nm,1.4s,mb5.4			eP			
LFF	La Frestale	82.55	45	eP	P	09 15 25.5	-0.9
ESAC	San Jacrasio	82.55	49	P	P	09 15 26.4	-0.1
ESAC	comp=Z,147nm,0.9s,mb6.0			eP			
ETOB	Tobara	82.56	52	P	P	09 15 27.8	+1.2
ETOB	comp=Z,95nm,0.9s,mb5.8			eP			
VIEF	Mol Rana	82.60	48	eP	P	09 15 26.4	-0.3
MOR8	Mor Rana	82.69	23	eP	P	09 15 27.3	+0.6
MOR8	MOR8			eP	pP	09 15 44.7	+0.7
MOR8	MOR8			eP	AMB	09 15 47.6	
MOR8	comp=Z,137nm,1.5s,mb5.8			eP			
MOR8	Mol Rana	82.69	23	eP	P	09 15 27.3	+0.6
MOR8	comp=Z,137nm,1.5s,mb5.8			eP			
TRO	Tromso	82.69	19	eP	P	09 15 23.4	-3.2
TRO	TRO			eP	PP	09 18 30.4	-4.8
TRO	TRO			eS	S	09 25 36.5	-1.3
TRO	TRO			eSS	SS	09 30 57.3	-7.0
TRO	TRO			eP	AMS	09 52 16.6	
EPF	comp=Z,839nm,24.0s			eP			
EPF	Esparras	82.78	47	eP	P	09 15 26.9	-0.7
EPF	comp=Z,544nm,1.3s,mb6.1			eP			
EMOS	Mosqueruela	82.91	50	eP	pP	09 15 43.5	-1.4
EMOS	EMOS			eP	pP	09 15 29.9	+1.5
EGRA	Graus	82.99	48	P	P	09 15 29.	

18d 11h

2004 AUG

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s-min=14.5km az=62.0
NEIC 18 10:22:02.2, 1.4, 6.63S, 129.70E, h165km, 13km, mb4.2/8,
Error ellipse: s-maj=12.6km s-min=9.3km az=56.0

ISC 18 10:21:58.3, 1.8, 6.69S, 0.06=129.57E, 0.09, h147km, 18km,
n31, c=113/36, mb4.3/13, 1C, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from KAKA to LPAZ.

NEIC 18 10:42:34.5, 2.9, 22.33S, 171.60E, h107km, 24km, mb4.3/4,
Error ellipse: s-maj=25.3km s-min=22.4km az=201.0
IDC 18 10:42:51.0, 2.1, 0.2, 22.37S, 171.23E, h260km, 216km,
mb3.4/6, mb1 3.6/6, mb1mx3.4/15, Error ellipse: s-maj=15.0km s-min=5.0km az=177.0

ISC 18 10:42:36.2, 5.2, 22.45S, 0.2=171.2E, 0.2, h140km, 22km,
n16, c=080/19, mb3.9/10, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from DZM to SONM.

NEIC 18 10:49:19.1, 27.74S, 71.19W, h23km, ML3.5(GUC), After GUC.

GUC 18 10:49:19.1, 0.9, 27.74S, 71.19W, h23km, 9km, MD4.1,
ML3.5, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from CPCH to LPAZ.

NEIC 18 10:51:16.9, 62.21N, 145.62W, h16km, ML3.7(PMR),
ML3.6(AEIC), After AEIC.

IDC 18 10:51:20.2, 2.3, 62.46N, 145.60W, h20km, 15km, mb3.5/6,
mb1 3.7/10, mb1mx3.6/24, ML3.0/4, MS2.6/1, Ms1 2.6/1,
ms1mx2.0/27, Error ellipse: s-maj=20.4km s-min=11.5km az=60.0

ISC 18 10:51:15.4, 0.7, 62.22N, 0.02=145.70W, 0.04, h14km, 5km,
n73, c=092/89, mb3.5/6, Central Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from TZL to PAX.

WANC Wrangell North 0.80 105 P Pb 10 51 30.8 +0.3
SCM Sheep Creek Mo 0.86 244 P Pb 10 51 31.6 0.0
DIV Divide 1.09 182 P S 10 51 34.5 -1.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from WANC to ILAR.

ILAR 1.00m, 0.3s, baz=173, slow=13, SNR=168
8.5mm, 0.3s, baz=164, slow=17, SNR=184

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from ILAR to SONM.

IDC 18 11:10:11.1, 1.4, 8.88N, 126.37E, mb3.6/5, mb1 3.7/5,
mb1mx3.6/17, Error ellipse: s-maj=160.0km s-min=19.5km az=62.0

MAN 18 11:10:15.3, 0.25N, 126.69E, h1km, mb4.6, ML3.5, MS3.4
ISC 18 11:10:14.4, 1.6, 9.19N, 0.07=127.01E, 0.09, h43km, 17km,
n13, c=14/17, mb3.5/5, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from BUTP to JKO.

NEIC 18 11:17:20.2, 0.7, 33.26N, 141.08E, h10km, mb4.3/1, Error
ellipse: s-maj=28.3km s-min=9.9km az=68.0

JMA 18 11:17:23.3, 0.2, 33.51N, 141.09E, h52km, M3.5
IDC 18 11:17:24.5, 3.3, 33.34N, 141.12E, h43km, 45km, mb3.6/3,
mb1 3.8/3, mb1mx3.3/20, MS3.7/2, Ms1 3.7/2, ms1mx3.0/27,
Error ellipse: s-maj=41.3km s-min=29.0km az=67.0

ISC 18 11:17:23.1, 0.1, 33.47N, 0.05=141.09E, 0.09, h59km, 10km,
n23, c=059/29, mb3.8/4, MS3.7/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from JHU2 to JKO.

JKO 1.00m, 0.4s, baz=20.9, slow=9, SNR=2.8
Eielson Array 52.66 31 LR
comp=2.70nm, 18.5s, MS3.7, baz=354, slow=36

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from JKO to PV10.

NEIC 18 11:17:25.9, 4.3, 29.74S, 179.12W, h248km, 36km, mb3.6/2,
Error ellipse: s-maj=41.7km s-min=19.0km az=207.0
IDC 18 11:17:31.1, 1.6, 6.30, 20.25S, 179.25W, h293km, 64km, mb3.5/3,
mb1 3.7/5, mb1mx3.4/15, Error ellipse: s-maj=59.5km

ISC 18 11:17:35.9, 1.5, 31.40S, 0.09=179.7W, 0.2, h329km, 16km,
n25, c=19/27, mb3.4/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from MXZ to MTW.

THE 18 11:24:56.7, 39.14N, 21.72E, h7km, ML2.8
NEIC 18 11:24:56.1, 39.01N, 21.71E, h26km, MD3.1(ATH),
ML2.9(ATH), After ATH.

ATH 18 11:24:56.1, 39.01N, 21.71E, h26km, 1km, MD3.1/4
ISC 18 11:24:55.0, 0.7, 39.11N, 0.03=21.70E, 0.04, h11km, 7km,
n13, c=085/19, 1D, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from EVR to ANO.

WEL 18 11:29:29.3, 0.3, 37.15S, 176.63E, h267km, 3km, ML4.4/6,
Error ellipse: s-maj=5.2km s-min=5.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from URZ to MTW.

18d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, KCP Kidapawan, BUKP Musuan, etc.

ISK 18 13:02:46.4, 36.86N-34.31E, h8km, MD3.3
NSCC 18 13:02:53.3, 36.81N-34.57E, h33km, 7km
ISC 18 13:02:49.1, 2.16, 77N, 0.04, 34.34E, 0.05, h25km, 13km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IKL Isikil, KFYT Ceyhan, HDMB Hadim, etc.

ISC 18 13:20:39.8, 1.2, 24.23S, 67.03W, h168km, 11km, mb3.3/4, mb1.3/6, mb1mx3.5/17, Error ellipse: s-maj=20.6km

NEIC 18 13:20:40.0, 0.7, 24.20S, 66.91W, h170km, 7km, mb4.1/3, Error ellipse: s-maj=12.1km, s-min=7.6km, az=70.0

ISC 18 13:20:39.3, 0.8, 24.21S, 0.06, 66.96W, 0.10, h173km, 8km, n24, r1502/25, mb3.7, 3C-1D, Phase Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, etc.

ISC 18 13:22:27.8, 39.63N-43.92E, h5km, MD3.6, 1C, Turkey

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

ISC 18 13:35:18.7, 22.0, 0.73N, 127.20E, h228km, 218km, mb3.1/3, mb1.3/4, mb1mx3.0/15, ML4.1/1, Error ellipse: s-maj=140.0km, s-min=122.4km, az=14.0, Halmahera

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

NEIC 18 14:07:54.7, 15.56N-98.25W, h8km, MD4.3(MEX), After MEX.
MEX 18 14:07:55.1, 0.7, 15.66N-98.26W, h7km, 18km, MD4.3, Off coast of Guerrero

2004 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OXX Oaxaca, HUIG Huatulco, CAIG El Cayaco, etc.

HEL 18 14:08:02.2, 0.5, 60.87N-29.07E, ML2.2, Explosion
IDC 18 14:08:02.4, 1.9, 60.97N-29.11E, mb1.3/1, mb1mx3.0/18, ML3.0/3, Error ellipse: s-maj=16.2km

ISC 18 14:08:00.2, 1.5, 60.95N, 0.06, 29.1E, 0.2, n10, r1975/19, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, FINES FINESS Array B, FINES FINES, etc.

ROM 18 14:24:23.8, 0.7, 46.30N-13.58E, h5km, MD3.3/5, ML2.8/3, Error ellipse: s-maj=4.8km, s-min=4.6km, az=0.0

NEIC 18 14:24:23.8, 46.30N-13.58E, h5km, MD3.3(ROM), ML3.3(VIE), ML3.0(LJU), ML3.0(ZGRF), ML2.9(FUR), After ROM.

NEIC Felt at Bovec.
LJU 18 14:24:23.8, 46.33N-13.60E, h8km, ML2.9
LDG 18 14:24:26.6, 0.2, 46.28N-13.74E, h10km, ML3.2/9, Error ellipse: s-maj=8.1km, s-min=8.0km, az=10.0

ISC 18 14:24:23.0, 0.2, 46.36N, 0.01, 13.58E, 0.02, h9km, 2km, n96, r126/157, 24C-11D, Austria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ROBS Robic, PTCC Patocco-Chiusa, CADS Cadrj, etc.

ISC 18 14:35:57.7, 38.54N-21.88E, h24km, mb4.0/3, MD3.7(PDG), ML3.8(THE), ML3.7(ATH), ML3.3(ROM), After ATH.

ATH 18 14:35:57.7, 38.54N-21.88E, h24km, 1km, MD3.8/19, ML3.7

THE 18 14:35:58.5, 38.51N-21.97E, h8km, ML3.8
PDG 18 14:35:59.0, 0.2, 38.31N-20.38E, h11km, 1km

IDC 18 14:35:59.0, 7.2, 0.38, 49N-21.68E, h44km, 23km, mb3.6/6, mb1.3/7, 1/2, mb1mx3.6/25, ML3.9/6, Error ellipse: s-maj=36.7km, s-min=12.7km, az=57.0

ISC 18 14:35:59.1, 0.4, 38.56N, 0.02, 21.90E, 0.03, h28km, 3km, n88, r137/116, mb3.8/6, 7C-3D, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CEY Cerknica, CAE Caneva, CSO Casso, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOJS Bojanci, VBY Vinica-Bojanci, SCE Schlegels, etc.

ISC 18 14:35:57.7, 38.54N-21.88E, h24km, mb4.0/3, MD3.7(PDG), ML3.8(THE), ML3.7(ATH), ML3.3(ROM), After ATH.

ATH 18 14:35:57.7, 38.54N-21.88E, h24km, 1km, MD3.8/19, ML3.7

THE 18 14:35:58.5, 38.51N-21.97E, h8km, ML3.8
PDG 18 14:35:59.0, 0.2, 38.31N-20.38E, h11km, 1km

IDC 18 14:35:59.0, 7.2, 0.38, 49N-21.68E, h44km, 23km, mb3.6/6, mb1.3/7, 1/2, mb1mx3.6/25, ML3.9/6, Error ellipse: s-maj=36.7km, s-min=12.7km, az=57.0

ISC 18 14:35:59.1, 0.4, 38.56N, 0.02, 21.90E, 0.03, h28km, 3km, n88, r137/116, mb3.8/6, 7C-3D, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFI Santa Sofia, SFI Santa Sofia, KHC Kasperke Hory, etc.

ISC 18 14:35:57.7, 38.54N-21.88E, h24km, mb4.0/3, MD3.7(PDG), ML3.8(THE), ML3.7(ATH), ML3.3(ROM), After ATH.

ATH 18 14:35:57.7, 38.54N-21.88E, h24km, 1km, MD3.8/19, ML3.7

THE 18 14:35:58.5, 38.51N-21.97E, h8km, ML3.8
PDG 18 14:35:59.0, 0.2, 38.31N-20.38E, h11km, 1km

IDC 18 14:35:59.0, 7.2, 0.38, 49N-21.68E, h44km, 23km, mb3.6/6, mb1.3/7, 1/2, mb1mx3.6/25, ML3.9/6, Error ellipse: s-maj=36.7km, s-min=12.7km, az=57.0

ISC 18 14:35:59.1, 0.4, 38.56N, 0.02, 21.90E, 0.03, h28km, 3km, n88, r137/116, mb3.8/6, 7C-3D, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PGF Pioggiola, PGF Pioggiola, MBDF Montbardon, etc.

ISC 18 14:35:57.7, 38.54N-21.88E, h24km, mb4.0/3, MD3.7(PDG), ML3.8(THE), ML3.7(ATH), ML3.3(ROM), After ATH.

ATH 18 14:35:57.7, 38.54N-21.88E, h24km, 1km, MD3.8/19, ML3.7

THE 18 14:35:58.5, 38.51N-21.97E, h8km, ML3.8
PDG 18 14:35:59.0, 0.2, 38.31N-20.38E, h11km, 1km

IDC 18 14:35:59.0, 7.2, 0.38, 49N-21.68E, h44km, 23km, mb3.6/6, mb1.3/7, 1/2, mb1mx3.6/25, ML3.9/6, Error ellipse: s-maj=36.7km, s-min=12.7km, az=57.0

ISC 18 14:35:59.1, 0.4, 38.56N, 0.02, 21.90E, 0.03, h28km, 3km, n88, r137/116, mb3.8/6, 7C-3D, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EVR Evryntia, AGG Agios Georgios, RLS Riotos of Patr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MPAR Parnis Oros, ATH Athens Observa, IGT Ioumenitsa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MEV Metsovon, JAN Janina, ATH Athens Observa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Chapelle, Lormes, Saint Saulge, Moxa, Signal de Mont, etc.

NEIC 18 16:55:17.6, 15.53N, 94.50W, h42km, mb4.5/1, MD4.3(MEX), After MEX.

MEX 18 16:55:17.0, 17.152N, 94.48W, h33km, 104km, MD4.3, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Huatulco, Matias Romero, San Cristobal, etc.

MOS 18 17:03:42.4, 2.2, 50.20N, 98.80E, h10km, mb4.3/1, Error ellipse: s-maj=99.9km s-min=36.0km az=51.1, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mondy, Arshan, Tyrgan, Ougreny, etc.

NEIC 18 17:11:23.2, 2.5, 48.03N, 153.50E, h71km, 23km, mb4.3/1, Error ellipse: s-maj=22.0km s-min=16.9km az=197.0

MOS 18 17:11:34.8, 0.9, 49.29N, 153.47E, h151km, mb3.7/2, Error ellipse: s-maj=61.6km s-min=27.3km az=138.7

ISC 18 17:11:35.3, 5.3, 49.28N, 153.56E, h140km, 37km, mb3.4/6, mb1.3, 6/8, mb1mx3.3/24, Error ellipse: s-maj=49.4km s-min=17.0km az=168.0

ISC 18 17:11:35.1, 0.9, 49.29N, 153.47E, h151km, mb3.7/2, Error ellipse: s-maj=61.6km s-min=27.3km az=138.7

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

ISC 18 17:17:38.6, 7.4, 8.44S, 124.31E, h47km, 81km, mb3.6/2, mb1.3, 7/5, mb1mx3.5/13, ML3.6/3, Error ellipse: s-maj=145.0km s-min=37.2km az=52.0

ISC 18 17:17:48.9, 2.1, 9.25S, 0.1, 124.2E, 0.1, h192km, 25km, n8, s=106/14, mb3.5/2, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, etc.

NEIC 18 17:46:11.6, 16.02N, 98.12W, h16km, MD4.2(MEX), After MEX.

MEX 18 17:46:10.8, 0.6, 16.04N, 98.13W, h13km, 25km, MD4.3, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vista Hermosa, Oaxaca, El Cayaco, etc.

ISC 18 17:57:23.9, 1.1, 1.73S, 12.97W, mb4.2/5, mb1.4, 1/6, mb1mx3.8/21, ML3.4/1, MS4.0/11, Ms1.4, 0/11, ms1mx3.7/22, Error ellipse: s-maj=40.5km s-min=26.6km az=131.0

NEIC 18 17:57:24.4, 10.0, 1.88S, 12.84W, h8km, 61km, mb4.4/2, Error ellipse: s-maj=34.0km s-min=24.3km az=107.0

ISC 18 17:57:23.5, 0.9, 1.75S, 0.2, 12.9W, 0.2, h10km, n18, s=65/12, mb4.2/5, MS4.0/10, North of Ascension Island

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

WEL 18 18:00:19.0, 1.43, 09.05S, 171.10E, h5km, ML3.5/8, 4C-1D, Error ellipse: s-maj=0.8km s-min=0.8km az=120.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Waitaha Valley, Rata Peaks, Lake Taylor, etc.

NEIC 18 18:18:00.46, 90N, 153.10E, h8km, Mw4.1 Best double couple: M1.64x10^15 NP1.9x332, 679, lambda=98, NP2: phi=188, delta=13, lambda=55

SKHL 18 18:18:01.8, 1.3, 46.50N, 153.22E, h17km, 1km, mb5.2/3, MOS 18 18:18:03.4, 1.3, 46.71N, 153.06E, h33km, mb4.2/6, Error ellipse: s-maj=17.4km s-min=9.7km az=61.8

ISC 18 18:07:0.0, 7.46, 90N, 152.62E, h53km, 5km, mb3.6/12, mb1.3, 9/13, mb1mx3.7/22, Error ellipse: s-maj=21.2km s-min=14.1km az=131.0

NEIC 18 18:18:06.7, 0.6, 79N, 152.93E, mb4.2/5, Error ellipse: s-maj=20.1km s-min=9.1km az=146.0

ISC 18 18:05:8.1, 0.46, 82N, 0.07, 152.91E, 0.09, h57km, 10km, h52km, 1.9km, pP, n48, s=128/55, mb3.9/15, 2D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuril'sk, 80nm, 0.5s, etc.

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

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

NNC 18:27:06.6, 8.36, 68.68N, 169.49E, mpv4.0, Error ellipse: s-maj=57.3km s-min=41.2km az=115.0

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Afghanistan-Tajikistan border region.

JMA 18:41:20.3, 0.3, 24.20N, 122.27E, h63km, M2.5

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Taiwan region.

IDC 18:47:49.7, 0.9, 22.62S, 66.18W, h240km, 9km, mb3.6/10, mb1.3/8.15, mb1mx3.7/18, Error ellipse: s-maj=14.4km s-min=11.0km az=74.0

Large table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Kamchatka Peninsula region.

IDC 18:52:54.1, 0.8, 21.83S, 68.59W, h107km, 8km, mb3.6/5, mb1.3/7.8, mb1mx3.6/17, Error ellipse: s-maj=23.5km s-min=18.6km az=100.0

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Kamchatka Peninsula region.

IDC 18:57:55.0, 1.6, 19.34S, 177.55W, mb3.6/4, mb1.3/9.4, mb1mx3.8/15, MS3.6/1, Ms1.3/6.1, ms1mx3.0/18, Error ellipse: s-maj=45.2km s-min=36.1km az=134.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Fiji Islands region.

KRSC 18:01:10.3, 1.5, 53.12N, 162.20E, h40km, 9km, ML4.5

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Kamchatka Peninsula region.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Kamchatka Peninsula region.

18d 19h 19:02:25.0+9, 19:01:55.7+0.8, 19:02:27.4-0.9, 19:01:58.9+2.0, 19:02:32.9+1.6, 19:02:32.6-0.3

Large table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

18d 20h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Guam, Yellowknife Arr, YKA, YKA, YKA, etc.

2004 AUG

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like OBN, OBN, OBN, OBN, OBN, etc.

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Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like FINES, KAF, KEV, ARCES, ARCES, etc.

Table with columns for station name, time, and status. Includes stations like CHN1, CHN3, WTP, HSY, etc.

Table with columns for station name, time, and status. Includes stations like CMAR, CMAR, CMA2, etc.

Table with columns for station name, time, and status. Includes stations like FX1, FX1, SMY, etc.

18d 23h

Table with columns: LPL, La Plagne, 18.34 308 eP, P, 23 10 50.7 +1.0, etc. Lists various stations and their coordinates.

2004 AUG

Table with columns: BRVK, Borovoye, 34.39 47 P, P, 23 13 18.3 -4.0, etc. Lists various stations and their coordinates.

comp=Z,1.7nm,1.0s,baz=304,slow=0.6,SNR=10

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Lists station details for the 18d 23h period.

ISK 18 23:09:55.7, 36.21N-27.41E, h10km, MD3.7
NEIC 18 23:09:55.2, 36.17N-27.49E, h15km, MD3.8(ATH),
ML3.7(NIC), After ATH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Lists station details for the 18d 23:09:55.7 period.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 01:48:14.5, NEIC 19 01:48:14.6, and various station reports like Butte a Klehm, DZM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 19 01:59:58.9, GUC 19 01:59:58.9, and station reports like Vallenar, CPCH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 02:00:27.7, WBR2, WRA, ASAR, FITZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 02:07:33.6, WRA, WRR, ASAR, STKA, MKAR, CPUP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 19 03:00:50.7, GUC 19 03:00:50.7, and station reports like La Serena, Tololo Astrono, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 03:01:06.5, WRA, WRR, ASAR, STKA, MKAR, CPUP, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 03:02:13.6, NWA0, STKA, ASAR, WRA, VWA, VWA, MAW, CMAR, YKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 03:14:52.6, FITZ, WRA, WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 19 03:25:46.4, GUC 19 03:25:46.4, and station reports like IHA, IHA, JAH, JAH, PEL, PEL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for RCDM, RCDM, DSCH, DSCH, TACH, TACH, FCH, FCH, PCH, PCH, LNV, LNV, CMCH, CMCH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ISK 19 03:28:14.4, ATH 19 03:28:14.4, and station reports like BDRM, BDRM, MLSB, MLSB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 04:02:59.1, PMG, PMG, WRA, WRA, ASAR, FITZ, STKA, JOW, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NEIC 19 04:40:55.3, MEX 19 04:40:55.4, and station reports like ZIIG, ZIIG, PLIG, PLIG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MEX 19 05:06:58.7, CMIG, CMIG, OXX, OXX, VHO, VHO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for THE 19 05:13:49.8, NEIC 19 05:13:49.8, and station reports like RLS, RLS, JAN, JAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 05:16:10.5, FX1, FX1, ILAR, ILAR, PDAR, PDAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 05:36:10.2, BER 19 05:36:10.2, and station reports like FIAO, FIAO, FIAO, FIAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 05:39:40.5, FIAO, FIAO, FIAO, FIAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 05:39:40.5, MOS 19 05:39:41.4, and station reports like BJJ, BJJ, NNC, NNC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like Grafenberg Arr, Yellowknife Arr, and various YKA and NVAR stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like HAWA Hanford, REDWA Red Mountain, GBB Gable Butte, and various GBL and GBLW stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like HBAR Harrisburg, GNAR Gosnell, OXF Oxford, and various ACOS and LRAL stations.

BUJ 19 06:06:03.6, 44.70N, 124.30W, h27km, mb4.2, mb4.8, MS4.6, MS24.9
NEIC 19 06:06:03.6, 44.67N, 124.30W, h28km, mb4.7/28, MS4.5/3, MD4.7(SEA), MW4.7(SLM), MW4.6(BRK), After SEA
NEIC Flet [IV] at Lincoln City, Newport, Seal Rock, South Beach, Toledo, Waldport and Yachats; [III] at Cloverdale, Corvallis, Depoe Bay, Florence, Philomath and Siletz; [II] at Albany, Eugene, Monmouth, Portland, Salem and Veneta.

NEW 19 06:06:03.6, 44.67N, 124.30W, h28km, mb4.7/28, MS4.5/3, MD4.7(SEA), MW4.7(SLM), MW4.6(BRK), After SEA
NEIC Flet [IV] at Lincoln City, Newport, Seal Rock, South Beach, Toledo, Waldport and Yachats; [III] at Cloverdale, Corvallis, Depoe Bay, Florence, Philomath and Siletz; [II] at Albany, Eugene, Monmouth, Portland, Salem and Veneta.

NEW 19 06:06:03.6, 44.67N, 124.30W, h28km, mb4.7/28, MS4.5/3, MD4.7(SEA), MW4.7(SLM), MW4.6(BRK), After SEA
NEIC Flet [IV] at Lincoln City, Newport, Seal Rock, South Beach, Toledo, Waldport and Yachats; [III] at Cloverdale, Corvallis, Depoe Bay, Florence, Philomath and Siletz; [II] at Albany, Eugene, Monmouth, Portland, Salem and Veneta.

ISC 19 06:06:03.7-0.8, 44.661N-0.02, 124.28W-0.05, h31km, 5km, h28km, 6km, pP, n269, r117/265, mb4.6/42, MS4.1/8, 82C-13D, Near coast of Oregon

ISC 19 06:06:03.7-0.8, 44.661N-0.02, 124.28W-0.05, h31km, 5km, h28km, 6km, pP, n269, r117/265, mb4.6/42, MS4.1/8, 82C-13D, Near coast of Oregon

ISC 19 06:06:03.7-0.8, 44.661N-0.02, 124.28W-0.05, h31km, 5km, h28km, 6km, pP, n269, r117/265, mb4.6/42, MS4.1/8, 82C-13D, Near coast of Oregon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like MPOR Mary's Peak, RNO Roman Nose, KUO Eugene, and various KMO and SSOR stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like HAWA Hanford, REDWA Red Mountain, GBB Gable Butte, and various GBL and GBLW stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details. Includes stations like HBAR Harrisburg, GNAR Gosnell, OXF Oxford, and various ACOS and LRAL stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various data points for stations like WYOR, NVAR, HLID, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various data points for stations like GYA, GYA, GYA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various data points for stations like GYA, GYA, GYA, etc.

IDC 19 06:34:57.8, 0.3, 13.80N, 123.92E, mb5.2/35, mb1 5.2/37, mb1mx5.2/37, ML4.8/2, MS4.8/17, Ms1 4.8/17, ms1mx4.6/24, Error ellipse: s-maj=15.6km s-min=10.0km az=76.0

MAN 19 06:34:59.9, 14.05N, 124.21E, h11km, mb5.2, ML4.1, MS4.3

MAN F Virac Catanduanes - Intensity V Legaspi City - Intensity IV Irosin City - Intensity IV Irosin City, MOS 19 06:35:01.4, 1.0, 13.89N, 123.97E, h33km, mb5.7/43, MS4.8/25, Error ellipse: s-maj=13.2km s-min=6.4km az=101.8

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DAWY, INK, WRA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, HLID, BATTLE, etc.

19d 13h

Table with columns: TIC, LIC, DBIC, DBIC, KIC, ESCD, TNA, TNA, KBS, KBS, NOA, VNA3, VNA2, VNA2, SMY, SMY, QSPA, QSPA, SBA, SBA, TAXI, TAXI, TSI, TSI, TSMU, TSMU, YAK, YAK, KMBO, KMBO, KURK, KURK, WMQ, WMQ, WMQ, WMQ, SSE, SSE, SSE, SSE, NJ2, NJ2, NJ2, NJ2, WRA, WRA, FITZ, FITZ

BUI 19 13:00:06.6, 7.11s, 155.66E, h69km, mB5.1, mb4.9, Ms5.1, Ms4.4
IDC 19 13:00:13.0, 7.25s, 154.82E, h40km, mB4.3, mb4.3/1.4, mb1.4, 5.15, mb1mx3.5/1.6, ML3.6/1, MS3.8/6, Ms1.3/8.6, ms1mx4.0/2.3, Error ellipse: s-maj=21.3km s-min=13.4km az=116.0

NEIC 19 13:00:15.9, 2.3, 6.26S, 154.81E, h70km, 20km, mb4.7/2.0, Error ellipse: s-maj=14.5km s-min=10.1km az=104.0
ISC 19 13:00:11.0, 0.4, 6.17S, 0.06E, 154.85E, 0.06, h38km, h38km, 2.2km, p-P, n56, s1805/55, mb4.7/4.0, MS3.9/6, 2C, Bougainville - Solomon Islands region

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

2004 AUG

Main table with columns: GYA, GYA, NANT, NANT, KMI, KMI, KMI, CM31, CMAR, CHG, FX1, HIA, MA2, MA2, SHM, SHM, LSA, LSA, VNDA, PKI, KKN, DMN, GKN, KOLN, WMQ, WMQ, PMR, MCK, MCK, COLA, ILAR, MKAR, MAW, MAW, KSH, KSH, KSH, KSH, KURK, INK, NVAR, NVAR, NVAR, BRVK, ZRKN, YKA, YKA, YKA, PDAR, PDAR, KIC, TIC, LIC, IDC, NEIC, ISC, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, h, m, s, ISC

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Table with columns: HFRF, HFRF, HNAT, HNAT, HBRG, HBRG, HBRG, BaniSuwayf, BaniSuwayf, FYM, FYM, AYT, AYT, HSAF, HSAF, SWA1, SWA1, SWA1, Matruh, Matruh, GM, GM, HSAT, HSAT, SWA2, SWA2, AKRG, AKRG, JTB, JTB, GTR, GTR, SUZ, SUZ, HHRG, HHRG, HKAT, HKAT, BUI, IDC, HRVD, NEIC, SYO, MOS, ISC, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, h, m, s, ISC

19d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Nanjing, Chiang Mai Arr, Kunming, etc.

NAO 19 15:12:16.8-1.8, 61.67N-23.02E, ML2.2
HEL 19 15:12:18.0-0.2, 61.59N-23.06E, ML2.2(NAO), Explosion
BER 19 15:12:18.9-3.7, 61.60N-23.09E, ML2.2(NAO), Suspected explosion

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINESS Array S, Kangasniemi, Pernaia, Hagfors, etc.

NEIC 19 15:19:01.5, 50.77N-179.56E, h22km, ML3.5(AEIC), After AEIC, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kanaga Island, Great Sitkin T, Atka Island, etc.

MOS 19 15:27:32.1-3.1, 52.54N-109.16E, h15km, mb4.3/1, Error ellipse: s-maj=33.1km s-min=20.5km az=52.4
BYKL 19 15:27:32.1-0.3, 52.57N-109.17E, h21km, 12km, SC-8D, Lake Baykal region

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

2004 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Suvo, Zarechye, Ongureny, Fotonovo, etc.

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

IDC 19 15:28:10.8-1.4, 5.83S-151.38E, mb4.0/7, mb1 4.2/8, mb1mx4.1/15, MS3.4/1, Ms 3.4/1, ms1mx3.0/13, Error ellipse: s-maj=46.6km s-min=14.1km az=122.0
NEIC 19 15:28:21.4-2.8, 5.98S-151.35E, h7km, 23km, mb4.4/7, Error ellipse: s-maj=25.3km s-min=16.7km az=99.0
ISC 19 15:28:19.1-3.3, 5.9S-0.1, 151.2E-0.2, h76km, 27km, n22, 1910/25, mb4.0/12, New Britain region

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

BUI 19 16:03:36.0, 44.11S-171.27E, h5km, mb4.7, Ms4.2, Msz4.0
WEL 19 16:03:39.6-0.2, 43.81S-170.90E, h9km, 1km, ML4.7/20, Error ellipse: s-maj=1.6km s-min=1.2km az=90.0
WEL Fell in the Canterbury region, maximum reported intensity MM4

IDC 19 16:03:39.0-0.5, 43.61S-170.83E, mb4.5/8, mb1 4.6/9, mb1mx4.5/13, ML3.9/1, MS4.0/7, Ms1 4.0/7, ms1mx3.8/13, Error ellipse: s-maj=26.3km s-min=4.3km az=32.0
SYO 19 16:03:39.3, 43.80S-170.87E, h5km, MB4.7, MS4.0
NEIC 19 16:03:39.4-1.1, 43.80S-170.87E, h5km, 7km, mb4.7/22, MS4.0/1, ML4.8(WEL), Error ellipse: s-maj=6.7km s-min=5.6km az=150.0
NEIC Fell at Timaru.

ISC 19 16:03:38.8-0.8, 43.78S-0.03, 170.85E-0.04, h7km, 5km, n129, 1914/118, mb4.8/23, MS4.0/9, 11C-5D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Rata Peaks, Waitaha Valley, Lake Benmore, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MRW Makara Radio, WEL Wellington, CAW Cannon Point, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZRNC Zerenda, MALT Malatya, BRTR Keskin Array B, etc.

NEIC 19 16:28:29.2, 35.015:70.36W, h1km, ML2.5(GUC), After GUC.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SFDO San Fernando, SFD0, CICH Cipreses, etc.

WEL 19 16:33:50.7, 0.5, 38.38S x 175.89E, h189km, 4km, ML4.1/3, 6C-1D, Error ellipse: s-maj=4.0km s-min=4.0km az=90.0.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MGZ Maungaku, TWZ Taurewa, NGV Ngauruhoe, etc.

IDC 19 16:42:55.9, 7.9, 14.89S:66.18E, mb3.6/2, mb1 3.9/2, mb1mx3.4/17, MS3.7/1, Ms1 3.7/1, ms1mx2.8/22, Error ellipse: s-maj=615.0km s-min=46.5km az=34.0.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ASF Jabal al Asfar, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 19 16:50:56.4, 3.8, 29.70S:177.07W, mb4.0/3, mb1 4.2/3, mb1mx3.8/14, Error ellipse: s-maj=126.0km s-min=64.0km az=162.0, Kermadec Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

MAN 19 16:56:05.9, 9.78N:125.78E, h105km, mb4.1, ML2.9, MS2.7, 1D, Mindanao

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SCPH Surigao, SCPH, BUTP Butuan, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IDC 19 16:58:38.2, 3.5, 1.27N:121.83E, mb3.9/3, mb1 4.1/3, etc.

IDC 19 16:59:55.4, 0.9, 7.69S:107.92E, mb3.9/6, mb1 3.9/6, mb1mx3.7/17, Error ellipse: s-maj=40.0km s-min=18.4km az=59.0.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KJLI Kelakatan, KJLI, KJLI, etc.

CASC 19 19:29:28.5, 13.07N:90.22W, MD3.4, ML4.3, 6C-8D, Near coast of Guatemala

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CUSS Cusmapa, SBLSS San Blas, etc.

LDG 19 17:21:38.2, 0.1, 44.02N:8.62E, h10km, Md2.8/1, Md2.8/11, Error ellipse: s-maj=2.4km s-min=1.9km az=73.0.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VSM San Miguel, BLLM Bellarmia, etc.

IDC 19 17:21:38.6, 0.5, 43.93N:0.03, 8.51E, h11km, 3km, n41, c1117/6, 4D, Corsica

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FIN Finale Ligure, FIN, FIN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, ULM Lac du Bonnet, SYO Syowa Base, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALT Dalyan (Mudla), DALY Yerkiesik, AYDN Tasoluk, etc.

ISK 19 18:50:04.6, 38.40N, 39.05E, h5km, MD3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELZG Elazig, MALT Malatya, MYA Malatya, etc.

WEL 19 19:36:37.2, 0.3, 37.58S, 176.46E, h291km, 3km, ML4.5/8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LIRZ Lichensteins R, EDJR Edgcombe, TAZ Tarawera, etc.

MDD 19 20:11:08.7, 0.3, 43.07N, 0.47W, mbLg1.4/1.1, Error ellipse: s-maj=2.8km, s-min=1.5km, az=174.0, PRXIMO

STR 19 20:11:08.2, 0.1, 43.05N, 0.46W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km, s-min=0.0km, az=1.0

LDG 19 20:11:08.4, 0.1, 43.06N, 0.47W, h2km, M2.2/3, M2.1/7, Error ellipse: s-maj=1.5km, s-min=1.0km, az=151.0

ISC 19 20:11:06.8, 0.5, 43.13N, 0.03, 0.45W, 0.03, h12km, 5km, n24, r101/34, Pyrenees

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

ISC 19 18:52:01.3, 1.0, 11.36N, 143.26E, mb4.0/9, mb1 4.2/9, mb1mx4.1/20, Error ellipse: s-maj=38.9km, s-min=18.5km, az=86.0

NEIC 19 18:52:07.3, 1.9, 11.30N, 143.16E, h40km, 20km, mb4.4/5, Error ellipse: s-maj=23.1km, s-min=10.1km, az=95.0

ISC 19 18:52:05.4, 2.5, 11.29N, 0.08, 143.2E, 0.2, h40km, 25km, n17, r073/18, mb4.1/14, South of Mariana Islands

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

NEIC 19 18:52:07.3, 1.9, 11.30N, 143.16E, h40km, 20km, mb4.4/5, Error ellipse: s-maj=23.1km, s-min=10.1km, az=95.0

ISC 19 18:52:05.4, 2.5, 11.29N, 0.08, 143.2E, 0.2, h40km, 25km, n17, r073/18, mb4.1/14, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEZ North Egmont, DFE Dawson Falls, NRZ Ngari Road, etc.

NIC 19 20:16:21.7, 0.3, 34.35N, 33.30E, h25km, ML3.3, MW3.1

NEIC 19 20:16:21.7, 34.35N, 33.30E, h25km, ML3.3(NIC), After M2.8/3

NSSC 19 20:16:22.4, 34.52N, 33.34E, h40km, Gll 19 20:16:24.6, 2.2, 34.27N, 33.39E, h25km, 30km, ML2.7/6, M2.8/3

ISC 19 20:16:21.4, 0.4, 34.44N, 0.03, 33.39E, 0.03, h40km, n36, r087/52, 13D, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSS Prodhromos, SZAC Souni-Zanaja, SZAC Souni-Zanaja, etc.

ISC 19 19:00:15.8, 2.3, 9.38S, 116.81E, mb3.8/4, mb1 3.9/6, mb1mx3.8/16, ML3.7/2, MS3.5/1, Ms1 3.5/1, ms1mx2.7/18, Error ellipse: s-maj=139.0km, s-min=19.9km, az=51.0

DJA 19 19:00:25.0, 0.7, 9.54S, 117.17E, h65km, 29km, MD4.7/4, ML5.0/6, Error ellipse: s-maj=28.7km, s-min=7.8km, az=149.0

NEIC 19 19:00:26.0, 0.7, 9.47S, 117.00E, h94km, 7km, mb4.1/5, Error ellipse: s-maj=11.0km, s-min=3.1km, az=20.0

ISC 19 19:00:25.3, 0.7, 17.08S, 0.0, 17.08E, 0.0, h98km, 7km, n22, r092/28, mb3.8/8, 5C-7D, Sumbawa region

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

ISC 19 19:48:39.2, 36.23N, 27.49E, h5km, MD3.2

NEIC 19 19:48:39.7, 36.03N, 27.61E, h20km, MD3.2(ATH), After ATH

ATH 19 19:48:39.7, 36.03N, 27.61E, h20km, 6km, MD3.2/6

ISC 19 19:48:38.0, 0.6, 36.08N, 0.05, 27.49E, 0.06, h5km, n16, r127/21, 2C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, KARP Karpathos, BDRM Kayabasi, etc.

NAO 19 23:34:47.6:4.2, 67.87N-20.80E, ML2.1
ISC 19 23:34:43.6:0.5, 67.81N-0.02-20.09E:0.08, n22, c0893/30, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KUA, KUA, NIKU, NIKU, DUNU, DUNU, SALU, SALU, MASU, MASU, KIF, KIF, PAJU, PAJU, ERTU, ERTU, KTK1, KTK1, SGF, SGF, SGF, LOF, LOF, LOF, LOF, ARAO, ARAO, ARAO, ARAO, MORB, MORB, KEV, KEV, KEV, OUL, OUL, NSS, NSS, APOA, APOA, APOA, APOA, FIAO, FIAO, FIAO, FIAO.

IDC 19 23:37:50.0:1.7, 5.01N-125.53E, mb3.9/5, mb1 4/1/5, mb1mx3.8/18, Error ellipse: s-maj=112.0km s-min=22.2km az=67.0

NEIC 19 23:38:21.0:7.0, 4.18N-124.38E, h278km, 71m, mb4.1/3, Error ellipse: s-maj=82.4km s-min=24.5km az=62.0

ISC 19 23:38:28.7:1.4, 4.2N-0.3, 124.8E:0.7, h400km, n10, c075/10, mb3.6, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KAKA, FITZ, FITZ, WRAB, WRA, WRA, WB2, ASAR, STKA, STKA, IKMAR.

IDC 19 23:51:44.9:5.0, 32.80N-86.51W, mb3.7/3, mb1 4/2/3, mb1mx3.7/21, Error ellipse: s-maj=96.1km s-min=77.2km az=170.0

NEIC 19 23:51:49.4:0.6, 33.20N-86.97W, h5km, MN3.5, MW3.6(SLM), Error ellipse: s-maj=9.1km s-min=7.3km az=214.0

NEIC Felt [III] at Bessemer, Helena, McCalla and Montevillo; [II] at Alabaster, Felt in Jefferson and Shelby Counties.

ISC 19 23:51:47.7:0.6, 33.20N-0.06-86.93W:0.05, h5km, n28, c132/27, mb3.9/2, Alabama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LRAL, PXL, PXL, CPCT, MET, MET, HALT, HALT, UTM, UTM, GNAR, HBAR, UALN, UALN, USC, USC, WCI, FVM, NHSC, TWB, BLO, CCM, ELN, FVW, DWPF, KSIU, WMOK, PDAR, NVAR, ILAR, ASAR.

DJA 20 00:13:32.6:0.6, 8.38S-116.46E, h160km, MD4.8/4, ML5.0/3, 5C-3D, Error ellipse: s-maj=37.1km s-min=17.8km az=1.0, Sumbawa region

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

ISK 20 00:14:12.3, 36.88N-27.75E, h9km, MD3.3
NEIC 20 00:14:14.3, 36.97N-27.92E, h38km, MD3.0(A/H), After ATH.

ATH 20 00:14:14.3, 36.97N-27.92E, h38km, 6km, MD3.0/4
ISC 20 00:14:14.0:0.7, 36.93N-0.03-27.85E:0.05, h10km, 5km, n18, c0642/23, C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BDRM, BDRM, MLBS, MLBS, YER, YER, DALR, DALR, NISRO, NISRO, AYDN, AYDN, ARG, ARG, SMG, SMG, DSZ, DSZ, DEIN, DEIN, KARP, KARP, IZM, IZM, KDAG, KDAG, MAANT, MAANT, AKS, AKS, DST, DST, ULDT, ULDT.

WEL 20 00:18:28.3:0.3, 37.69S-176.79E, h155km, 3km, ML3.7/4, Error ellipse: s-maj=3.3km s-min=3.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like URZ, URZ, MWZ, MWZ, MZX, MZX, PUZ, PUZ, BUKZ, BUKZ, SKZ, SKZ, KNZ, KNZ, NGZ, NGZ, INGV, INGV, ELI, ELI, WNVZ, WNVZ, MOVZ, MOVZ, PWZ, PWZ, TSZ, TSZ, MRZ, MRZ, MRZ, MRZ, KIW, KIW, MTW, MTW, CAW, CAW, PAWZ, PAWZ, MQZ, MQZ.

PRU 20 00:19:10.6, 51.53N-16.01E
WAR 20 00:19:10.7, 51.56N-16.01E, ML2.6, Mining Induced
ISC 20 00:19:08.4:1.3, 51.55N-0.06-15.97E:0.06, n7, c19/18/16, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KSP, KSP, DPC, DPC, PRU, PRU, CLL, CLL, OKC, OKC, NKC, NKC, NKC, NKC, KHC, KHC, KHC, KHC.

JMA 20 00:31:36.8:0.4, 43.87N-147.48E, h1km, M3.5, Kuril Islands

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

DJA 20 00:38:57.5:1.0, 8.69S-116.95E, h154km, 7km, MD4.9/3, ML3.9/3, 5C-2D, Error ellipse: s-maj=52.4km s-min=23.8km az=7.0, Sumbawa region

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

IDC 20 00:43:34.1:1.0, 0.55S-123.72E, mb3.7/5, mb1 3/8/5, mb1mx3.7/16, Error ellipse: s-maj=145.0km s-min=19.8km az=64.0

DJA 20 00:43:38.1:1.0, 0.43S-125.04E, h33km, MD4.8/3, ML5.0/2, Error ellipse: s-maj=78.6km s-min=20.4km az=147.0

ISC 20 00:43:43.4:3.2, 0.35S-112.5E:0.1, h96km, 32km, n9, c090/12, mb3.6/5, 3C-4D, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BUNI, BUNI, BUNI, BUNI, TANI, TANI, TANI, TANI, NANI, NANI, WRA, WRA, ASAR, ASAR, SONM, SONM, MKAR, MKAR, MKAR, MKAR, BVAR, BVAR.

ROM 20 00:52:25.6:0.3, 46.31N-13.60E, h10km, MD2.4/3, Error ellipse: s-maj=2.6km s-min=2.4km az=90.0
LJU 20 00:52:26.4, 46.32N-13.58E, h7km, ML1.4
ISC 20 00:52:26.4:0.6, 46.31N-0.02-13.58E:0.03, h10km, 8km, n19, c081/37, 5C-4D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ROBS, ROBS, CADR, CADR, DRE, DRE, PTCC, PTCC, COLI, COLI, GMNA, GMNA, BAD, BAD, BOO, BOO, VOY, VOY, TRI, TRI, OBKA, OBKA, KBA, KBA, CEY, CEY, PDKS, PDKS, VISS, VISS, LEGS, LEGS, GOLS, GOLS, MOA, MOA.

MAN 20 01:06:08.7, 13.61N-120.41E, h61km, mb3.9, ML2.7, MS2.3
IDC 20 01:06:02.1:1.1, 14.70N-120.40E, mb3.8/4, mb1 4/0/4, mb1mx3.7/18, Error ellipse: s-maj=66.2km s-min=10.2km az=52.0

ISC 20 01:06:08.2:0.7, 13.60N-0.03-120.39E:0.06, h78km, 7km, n17, c097/23, mb3.8/2, 1D, Indonesia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LUBP, LUBP, TGY, TGY, TGY, TGY, LBPH, LBPH, NBP, NBP, ARP, ARP, SJMP, SJMP, BOAC, BOAC, BUSH, BUSH, BALP, BALP, ENPP, ENPP, CUYO, CUYO, BOLP, BOLP, WRA, WRA, SONM, SONM, ASAR, ASAR, AKASG, AKASG.

MOS 20 01:11:17.1:7.1, 50.28N-87.59E, h15km, mb4.0/1, Error ellipse: s-maj=23.6km s-min=11.5km az=95.9

NNC 20 01:11:13.3:3.5, 50.23N-87.34E, h19km, 19km, mpv4.1, Error ellipse: s-maj=31.4km s-min=87.5km az=79.0
ISC 20 01:11:12.0:0.9, 50.30N-87.57E:0.1, h15km, n15, c129/26, 9C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like AKAR, AKAR, ELDR, ELDR, ARTR, ARTR, UKR, UKR, UKR, UKR, TASH, TASH, YELT, YELT, MK31, MK31, MK31, MK31, MKAR, MKAR, NVS, NVS, NVS, NVS, KURK, KURK, KURK, KURK, VOSK, VOSK, VOSK, VOSK, BVAO, BVAO, ZRKN, ZRKN, ZRKN, ZRKN, ZRKN, ZRKN, AB31, AB31.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Nanjing, Kunming, Alice Springs.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like GERRISS Array B, HFS, NOA, CASY.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like Port Laguerre, Puketiti, Urewera.

ECX 20 06:36:32.8:0.5, 30.20N x 114.14W, h3km, 4km, MD4.1, ML4.0

IDC 20 06:32:9.1, 2.29, 99N, 113.97W, mb4 4/3, mb1 4.4/11, mb1mx4.2/23, ML3.7/4, MS4.2/1, Ms1 4.2/1, ms1mx3.1/26, Error ellipse: s-maj=24.4km s-min=11.6km az=26.0

NEIC 20 06:36:35.1:1.3, 30.27N, 113.96W, h10km, mb4.1/5, Error ellipse: s-maj=21.9km s-min=14.2km az=225.0

ISC 20 06:36:31.8:0.8, 30.23N, 114.08W, 0.06, h3km, n33, e124/35, mb4.2/7, MS4.3/1, 1C, Gulf of California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like San Pedro Mart, Rancho Prieto, Cerro Bola.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Esteban Cantu, Pedras Gordas, Ensenada.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Toone Canyon, Idaho Springs, Pinedale Array.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Yreka Blue Hor, Bozeman (W), Black Hills, Hawa.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Lasa Array, Newport, Dagmar.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Lakeview Retre, Lac du Bonnet, Deane Cave.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GERRISS Array B, Malin Array Be, Songoing Array.

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

IDC 20 06:54:26.0:0.7, 12.55N, 92.77E, h39km, 5km, mb3.9/11, mb1 4.0/12, mb1mx3.8/20, ML3.8/1, MS3.1/1, Ms1 3/11, ms1mx2.5/22, Error ellipse: s-maj=26.7km s-min=12.4km az=56.0

NEIC 20 06:54:26.1:0.3, 12.54N, 92.77E, mb4.4/4, Error ellipse: s-maj=11.5km s-min=6.3km az=68.0

ISC 20 06:54:24.2:0.5, 12.61N, 0.06, 92.87E, 0.07, h41km, h41km, 8km, pP, n28, e075/28, mb4.1/14, Andaman Islands region

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Daman, Daman, Daman, KKN, LSA, GKN.

MEX 20 07:08:49.0:0.4, 18.35N, 105.17W, h16km, 180km, MD3.8, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Chabela, Colima, Colima, Santa Fe.

IDC 20 07:17:14.8:1.6, 7.25S, 123.95E, h583km, 18km, mb3.4/8, mb1 3.5/11, mb1mx3.4/16, Error ellipse: s-maj=31.6km

NEIC 20 07:17:14.0:0.7, 7.28S, 123.86E, h585km, 7km, mb4.3/14, Error ellipse: s-maj=29.2km s-min=14.9km az=67.0

ISC 20 07:17:14.1:0.9, 7.27S, 0.07, 123.8E, 0.1, h596km, 15km, n48, e066/42, mb4.4/24, 2C, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kakadu, Fitzroy Crossi, Fitzroy Crossi.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Black Stump Fm, Black Stump Fm, Black Stump Fm.

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like SPX, ECXB, RDX, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like SCHQ, COLA, COLA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KNZ, NGZ, NGZ, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LPL, SULZ, MOX, STU, EMV, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like NB2, NOA, ECAL, EMIN, EBAD, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SVW, BLO, DLBC, WCI, CPCT, etc.

MOS 20 11:25:00.8t.1.5.36.43N.70.91E, h120km, mb4.1/13, Error ellipse: s-maj=16.7km s-min=8.2km az=98.4...

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like CEP, CHCP, THCV, etc.

1DC 20 14:22:43.5,3.0, 18.94S;177.75W,h512km,33km,mb3.1/8, m=1 3.9,mb1mx3.2/18, Error ellipse: s-maj=26.5km s-min=18.3km az=25.0

ISC 20 14:22:41.4,3.2, 18.9S,0.0,217.8W,0.0, h501km,36km, n14, c#61/15,mb3.6/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Urewera, Charters Tower, Stephens Creek, Warramunga Arr, etc.

DJA 20 15:07:15.2,0.9, 9.48S,115.17E,h15km,MD5.4/4, ML3.2/2,8C, Error ellipse: s-maj=18.8km s-min=10.0km az=5.0, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Ingas, Rata, Kedomong, Kelakatan, etc.

1DC 20 15:09:46.3,12.0, 4.95N,94.90E,h178km,113km,mb3.4/6, mb1 3.6/7,mb1mx3.4/19, Error ellipse: s-maj=110.0km s-min=14.8km az=58.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Chiang Mai Arr, Makanchi Arr, Songjino Arr, Warramunga Arr, etc.

NEIC 20 15:25:39.8,2.6, 22.66S;176.23W,h47km,22km,mb4.7/22, Error ellipse: s-maj=10.3km s-min=7.9km az=161.0

1DC 20 15:25:49.3,2.8, 22.76S;176.27W,h130km,24km, mb4.2/17,mb1 4.4/19,mb1mx4.4/23,MS3.8/8,M3.1,3.8/8, ms1mx3.6/22, Error ellipse: s-maj=19.2km s-min=10.8km az=156.0

ISC 20 15:25:31.6,3.7, 22.84S,0.07*176.19W,0.07,h1km,22km, n85, c#1507/63,mb4.7/31,MS3.9/3,SC-3D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Rarotonga, Matawai, Urewera, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Rata Peaks, Jackson Bay, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Fitzroy Crossi, Fitzroy Crossi, Scott Base, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Vanda, Vanda, Vanda, Narrogin (SRO), Casey, etc.

QSPA South Pole Qui 67.24 180 eP P 15 36 30.9 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Attu Island-F, Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Yreka Blue Hor, Mina Array Bea, Landfair, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Wild Horse Val, Elko, MSU Maryvale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Lajitas, Lajitas Array, Hailey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Albuquerque, Pinedale Array, Bozeman (W), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Eielson Array, Chiang Mai Arr, Black Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Zalesovo, Makanchi Array, Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Kurchatov, Borovoye Arr, Fines Finest Array, etc.

az=25.0, ISC 20 15:42:00.9,0.2, 62.44N,0.05,-25.85W,0.07,h10km,n130, c#1517/124,mb4.4/64,MS3.9/22,Iceland region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like Summit, Eskdalemuir Arr, ESKA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like GRR, LDF, WTSB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like BAIF, BSEB, HGN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like GVF, ARCES, CLF, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like THEF, TCF, BGF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Montbardon, Simiane la Rot, Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, Mudanjiang, etc.

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MAN 20 17:13:21.0, 8.24N, 125.95E, h15km, MS5.0
MAN F Bislig Surigao del Sur - Int III
MOS 20 17:13:22.7, 1.4, 8.06N, 125.74E, h55km, mb5.4/13, Error ellipse: s-maj=28.3km s-min=10.7km az=112.9

HRVD 20 17:13:25.5, 0.2, 8.29N, 125.99E, h21km, 1km, MW5.3/6.0, Centroid moment tensor Solution. LP body waves: s1, c82, Mantle waves: s80, c123; Half duration: 1st Moment tensor: Scale 10^17Nm; Mr=0.04±0.03; Mw=0.94±0.03; Ms=0.90±0.03; Mn=0.13±0.04; Mh=0.48±0.02; Mb=0.27±0.05; Best double couple: M1: 0.8x10^17 NP1; q1: 328°, b76°, λ-9°; NP2: 60°, δ82°, λ-166°; Principal axes: T 1.06, Plg4°, Azm193°; N 0.4, Plg74°, Azm91°; P -1.1, Plg16°, Azm284°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 20 17:13:25.5, 1.5, 8.19N, 126.00E, h64km, 14km, mb5.0/29, MS4.4/8 Error ellipse: s-maj=10.3km s-min=5.3km az=71.0

NEIC Feit (III PIVS) at Bislig. SYO 20 17:13:25.4, 8.19N, 126.00E, h64km, MB5.0, MS4.4

ISO 20 17:13:21.2, 0.3, 8.16N, 126.02E, h40km, 2km, h54km, 4.2km, pP-P, m205, t193/227, mb4.9/79, MS4.6/37, 17C-18D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Bislig, Butuan, Musuan, Davao City (W), etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, Mudanjiang, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHN, JNU, GYA, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, BOD Bodaibo, ENH Enshi, etc.

GUC 20 17:43:19.5-0.9, 33.14Sx70.30W, h5km, 3km, MD3.5, ML1.9, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FCH Farellones, DSCH Colegio Aleman, etc.

BUI 20 18:01:32.8-0.5, 14.70N-54.60E, h10km, mb4.8

Text describing seismic event details: BUI 20 18:01:32.7-0.9, 14.69N-54.70E, mb4.1/1.4, mb1.4/2.1/4, mb1mx4.1/20, MS3.8/2, Ms1 3.8/2, ms1mx3.1/29, Error ellipse: s-maj=26.4km s-min=17.6km az=44.0

ISC 20 18:01:31.8-0.6, 14.7N-0.1, 54.47E-0.09, h10km, n33, e1937/31, mb4.2/22, MS3.8/2, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, ASF Jabal al Asfar, MKAR Makanchi Array, etc.

FUNV 20 18:06:48.3, 10.82N-62.30W, h73km, MW2.9

Text describing seismic event details: FUNV 20 18:06:50.8, 10.82N-62.25W, h79km, MD3.4

ISC 20 18:06:47.7-0.8, 10.74N-0.05, 62.43W-0.03, h81km, n3km, n12, e1905/22, 2C-2D, Near coast of Venezuela

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

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

IDC 20 18:50:11.1-1.1, 2.4, 72N-125.18E, mb3.5/4, mb1 3.6/5, mb1mx3.4/19, ML2.7/1, Error ellipse: s-maj=30.9km

Text describing seismic event details: NEIC 20 18:50:14.5-0.7, 2.4, 76N-125.24E, h25km, mb4.0/1, Error ellipse: s-maj=16.4km s-min=16.0km az=177.0

JMA 20 18:50:16.5, 2.4, 83N-125.40E, h50km, 1km, M3.3

JMA Feil Ji

ISC 20 18:50:16.0-0.5, 24.84N-0.09, 125.43E-0.06, h54km, 4km, n21, e094/30, mb3.6/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOGS Gusukube, JMJ Miyako jima 2, etc.

IDC 20 18:52:04.6-0.8, 62.68N-25.80W, mb3.9/15, mb1 4.1/17, mb1mx4.0/26, ML3.7/2, MS3.8/18, Ms1 3.8/18, ms1mx3.7/37, Error ellipse: s-maj=25.0km s-min=13.0km az=8.0

ZUR_RM 20 18:52:05, 62.49N-25.76W, h12km, Mw4.77, Moment Tensor Solution, 7 Moment Tensor, Scale: 10^16Nm, Mn=-1.08, Mw=0.14, Mxx=0.47, Myy=0.27, Mzz=0.28, Best double couple: M0.17x10^16 Np1.35e5, d53, 7-117, NP2.26x216, d45, A-59, Principal axes: T 1.034, P1g4, Azm104; N.266, Plg21, Azm13; P-1.3, Plg68, comp205;

NEIC 20 18:52:05, 0.2, 62.49N-25.76W, h10km, mb4.5/24, Error ellipse: s-maj=7.9km s-min=3.7km az=27.0

ISC 20 18:52:05, 0.3, 62.46N-0.07, 25.79W-0.10, h10km, n67, e1503/61, mb4.2/36, MS3.8/14, Iceland region

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHC Kasperke Hory, ESOC Sonsea Array, etc.

TAP 20 18:53:39.1-0.1, 24.68N-122.33E, h27km, M1.6, Taiwan region

JMA 20 18:53:39.1-0.1, 24.68N-122.33E, h27km, M1.6, Taiwan region

JMA 20 18:53:39.1-0.1, 24.68N-122.33E, h27km, M1.6, Taiwan region

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JMA 20 18:53:39.1-0.1, 24.68N-122.33E, h27km, M1.6, Taiwan region

Table with columns: Station Name, Frequency, Power, Class, and various numerical values. Includes stations like Sheshan, Idaho Springs, Tucson, Albuquerque, etc.

Table with columns: Station Name, Frequency, Power, Class, and various numerical values. Includes stations like GYA, TGy, Tagay City, Tagay City, etc.

Table with columns: Station Name, Frequency, Power, Class, and various numerical values. Includes stations like MLR, Muntele Rosu, Muntele Rosu, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WCN, PAHR, CMB, FFC, HRY, HLID, BMN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RSSD, RUE, OKK, KSP, BSEG, HILS, DPC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EKA, TATS, TBKS, JMQS, KMTI, etc.

20d 21h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USHA, PLCA, PASO FLORES, BDFB, etc.

WEL 20:20:40.00, 35.00N, 141.40E, h163km, 13km, ML3.6/1, Error ellipse: s-maj=10.2km s-min=9.2km az=90.0, Off east coast of North Island

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

NIED 20:20:40.00, 35.00N, 141.40E, h17km, Mw4.4 Best double couple: M4.84x10^15 NP1=338, 868, 161. NP2=214, 636, 140

ICD 20:20:40.00, 35.00N, 141.40E, h32km, Mw4.0/15, mb 1.4/2, 1.9, mb1mx3.9/2, ML3.9/2, Error ellipse: s-maj=21.1km s-min=13.1km az=97.0

JMA 20:20:40.12, 35.02N, 141.38E, h32km, M3.7, NEIC 20:20:40.16, 1.0, 35.07N, 141.02E, h47km, Mw4.7/4, MW4.4(NIED), Error ellipse: s-maj=10.0km s-min=6.2km az=98.0

ISC 20:20:40.11, 5.1, 2.35, 0.0N, 0.04, 141.43E, 0.09, h32km, 8km, n40, c1905/44, mb4.1/18, Off east coast of Honshu

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOSO, CHOSI, NAGARA, etc.

ICD 20:20:41.16, 0.3, 5.91S, 149.07E, mb3.7/3, mb1 4/1/5, mb1mx3.8/15, ML3.9/2, Error ellipse: s-maj=93.1km s-min=30.5km az=102.0

ISC 20:20:41.19, 3.2, 7.6, 0.5S, 149.1E, 0.4, h33km, n7, c0943/7, mb3.6/3, New Britain region

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

2004 AUG

ICD 20:20:54:28.1, 1.6, 35.12N, 141.32E, mb4.0/5, mb1 4/2/7, mb1mx3.9/24, ML3.9/2, Error ellipse: s-maj=43.5km s-min=18.3km az=83.0

JMA 20:20:54:30.8, 0.3, 35.05N, 141.45E, h36km, 4km, M3.4, NEIC 20:20:54:35.9, 0.0, 35.07N, 141.01E, h44km, 45km, mb4.5/3, Error ellipse: s-maj=170.2km s-min=12.8km az=68.0

ISC 20:20:54:28.5, 1.2, 35.05N, 0.03, 141.62E, 0.07, h22km, 7km, n25, c1900/36, mb4.2/8, Near east coast of eastern Honshu

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

ICD 20:20:58:07.2, 0.9, 35.01N, 141.32E, mb3.9/7, mb1 4/1/10, mb1mx3.9/25, ML3.9/3, Error ellipse: s-maj=26.4km s-min=16.6km az=93.0

JMA 20:20:58:09.0, 0.3, 35.04N, 141.39E, h37km, 4km, M3.2, NEIC 20:20:58:09.9, 10.0, 34.99N, 141.20E, h16km, 62km, mb4.5/3, Error ellipse: s-maj=25.9km s-min=13.8km az=86.0

ISC 20:20:58:08.3, 1.2, 35.03N, 0.04, 141.51E, 0.09, h29km, 7km, n25, c0990/32, mb4.0/10, Near east coast of eastern Honshu

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

NEIC 20:21:02:41.7, 16.64N, 100.36W, h5km, MD4.1 (MEX), After MEX

MEX 20:21:02:40.3, 0.6, 16.61N, 100.43W, h3km, 6km, MD4.2, Near coast of Guerrero

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

THE 20:21:06:33.8, 4.1, 29N, 20.18E, h10km, TIR 20:21:06:33.9, 4.1, 15N, 20.33E, h8km, M2.5

ATH 20:21:06:34.4, 4.1, 35N, 19.97E, h38km, MD3.3/3, PDG 20:21:06:36.1, 0.3, 41.08N, 20.08E, h3km, 1km, NEIC 20:21:06:36.1, 4.1, 08N, 20.08E, h3km, MD3.3(ATH), MD2.7(PDG), After PDG

ISC 20:21:06:35.8, 0.3, 41.11N, 0.02, 20.24E, 0.03, h8km, n33, c1943/56, 10C-1D, Albania

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

JMA 20:21:12:36.0, 0.3, 35.07N, 141.40E, h39km, 6km, M2.9, ICD 20:21:12:38.7, 3.2, 35.12N, 141.33E, h41km, 26km, MB3.6/4, mb1 3/7/6, mb1mx3.4/24, ML3.5/2, Error ellipse: s-maj=38.1km s-min=15.4km az=96.0

NEIC 20:21:13:39.7, 1.7, 35.09N, 141.08E, h40km, mb4.4/3, Error ellipse: s-maj=53.8km s-min=9.1km az=59.0

NIED 20:21:13:00.35, 10N, 141.0E, h14km, Mw4.5 Best double couple: M5.52x10^15 NP1=343, 886, 161. NP2=246, 830, 172

ISC 20:21:13:25.4, 1.4, 35.09N, 0.05, 141.5E, 0.1, h34km, 12km, n20, c0985/24, mb4.1/7, Near east coast of eastern Honshu

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

MAN 20:21:13:42.9, 10.56N, 125.74E, h1km, mb4.0, ML2.8, MS2.5, 1D, Leyte

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

ICD 20:21:13:46.9, 0.5, 35.09N, 141.21E, mb4.3/21, mb1 4.4/2/5, mb1mx4.4/31, ML4.0/4, MS3.7/1, Ms1 3.7/1, ms1mx2.7/28, Error ellipse: s-maj=17.8km s-min=12.0km az=99.0

MOS 20:21:13:49.7, 1.4, 35.21N, 141.23E, h33km, mb4.4/12, Error ellipse: s-maj=23.2km s-min=11.3km az=98.4

BUI 20:21:13:50.3, 34.97N, 140.97E, h31km, mb4.8, mb4.6, JMA 20:21:13:50.0, 0.3, 35.08N, 141.37E, h26km, 5km, M4.3, NEIC 20:21:13:52.0, 0.9, 35.11N, 141.11E, h39km, 7km, mb4.6/11, MW4.5(NIED), Error ellipse: s-maj=7.3km s-min=5.5km az=117.0

ISC 20:21:13:50.2, 0.8, 35.01N, 0.04, 141.34E, 0.07, h40km, 6km, n83, c0993/86, mb4.5/34, 1D, Near east coast of eastern Honshu

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like GOF, NEW, YBH, JMIC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSP, BSEG, HILLS, MORC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WLF, GIVF, BFO, etc.

MDD 20:21:45.0 0.0, 43.05N, 0.07W, h1 1km, 1km, mBlg1.0/8, Error ellipse: s-maj=4.0km s-min=2.2km az=171.0, PRXIMO

STR 20:21:45.0 0.0, 43.04N, 0.05W, h5km, 1km, M12.2 Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20:21:45.0 0.0, 43.08N, 0.07W, h2km, M2.0, M1.9/3, Error ellipse: s-maj=2.0km s-min=1.4km az=169.0

ISC 20:21:45.0 0.0, 43.13N, 0.03W, h12km, 6km, n15, $\pm 101/24$, Pyrenees

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like LABF, BDFB, etc.

NIED 20:21:50.00, 35.50N, 140.20E, h56km, Mw3.9 Best double couple: M7.0x1014 NP1.9x193, $\delta 81^\circ$, λ-40°. NP2: $\phi 291^\circ$, $\delta 51^\circ$, λ-168°

NEIC 20:21:50.07.0.9, 34.70N-138.35E, h10km, mb4.3/2, Error ellipse: s-maj=35.2km s-min=10.0km az=89.0

JMA 20:21:50.09.4.0.2, 35.56N-140.11E, h73km, mb2km, M3.8 JMA Felt II J1

ICC 20:21:50.10.4.1.9, 34.37N-137.78E, mb3.8/3, mb1 4.1/5, mb1mx3.7/23, ML4.2/2, Error ellipse: s-maj=45.9km s-min=22.0km az=37.0

ISC 20:21:50.09.1.0.6, 35.48N-140.05, 140.13E, 0.08, h79km, 4km, n24, 0.958/32, mb4.0/5, 2C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Nagara, Katsurua, Tokyo, Boso 3, Odawara 2, Oshima 3, Boso 1, Ashikaga, Ryogami san, Izuohimoda, Shimob, Katsushina, Matsushiro, Matsushiro, Hachioji jima 2, Chichi jima, CBJJ, TGAY City, MKAR, MKAR, KURK, WRAB, WRA, ASAR.

ICC 20:22:09.33.7.1.7, 24.88N-99.15E, mb3.4/2, mb1 3.4/3, mb1mx3.3/18, ML3.4/1, Error ellipse: s-maj=58.7km s-min=19.0km az=89.0

BUI 20:22:09.36.0.2, 25.01N-98.98E, h22km, ML3.5, Ms3.6, Ms2.9

ISC 20:22:09.32.7.1.7, 24.67N-100.79.24E, 0.08, h13km, 12km, n8, 0.931/41, mb3.2/2, IC, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Kunming, KMI, CHRT, CHG, NANT, CMAR, GYA, BDT, SONM, MKAR.

WAR 20:22:15.56.8.0, 50.06N-18.45E, ML2.5, Mining Induced PRU 20:22:15.57.7.0, 50.06N-18.40E

ISC 20:22:15.55.7.0.5, 50.03N-18.37E, 0.03, n17, 0.9130/33, 2C, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Raciborz, Ostrava-Krasne, Oljow, Likavka, Dobruska-Polom, Niedzica, Ksiaz, Upec, Smolence, Grobarna, Pruhonice, Panna, Kasperske Hory, Molin, Collim.

ICC 20:22:24.15.8.0.7, 62.48N-25.99W, mb3.9/15, mb1 4.2/16, mb1mx4.0/25, ML4.2/1, MS3.8/7, Ms1 3.8/7, ms1mx3.5/27, Error ellipse: s-maj=23.9km s-min=14.0km az=4.0

ZUR_RM 20:22:24.16.6.2, 23N-25.65W, h12km, Mw5.2/11, Moment Tensor Solution. s11 Moment tensor: Scale 1016N; Mn=7.77; Mw=10.2; Ms=6.67; M=1.32; Mw=0.89; Mw=1.06; Best double couple: M=7.01x10^16 NP1=20.2, 85.1, lambda=82. NP2=188, 84.0, lambda=99. Principal axes: T=6.216, Plg6, Azm105; N=1.994, Plg6, Azm195; P=8.01, Plg82, Azm331;

NEIC 20:22:24.16.4.0.2, 62.23N-25.65W, h10km, mb4.6/29, MS4.3/15 Error ellipse: s-maj=9.8km s-min=4.2km az=198.0

ISC 20:22:24.14.4.0.2, 62.09N-0.06, 25.76W, 0.07, h10km, n70, 0.911/66, mb4.3/41, MS4.1/19, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BORG, BORG, BORG, SOUM, NORSAR Array B, ROSE, SGMF, FLIN, FLN, ARCES, MEZF, SCHO, LOR, LOR, SSF, TCF, BGF, AVF, HAU, HAU, SMF, CDF, RJF, RJF, LFF, MOX, MOX, CLL, CLF, FINES, FINES, BRG, LPH, KHC, GERES, ESDC, ESDC, ESLS, ESLS, SADO, YKA, YKA, INK, ACSO, BRTR, WCI, WCI, WHCI, ILAR, BVAR, LRAL, LRAL, HRY, BOZ, BOZ, MIAR, BW06, BW06, WMOK, WMOK, HWUT, HWUT, KURK, KURK, SDCO, SDCO, SPUT, SPUT, PV01, PV01, DUG, DUG, HKT, ELK, ELK, WWOR, WWOR, LAZ, MKAR, NVAR, LTX, TXAR, TUC, TUC, BDFB, BDFB, CMAR.

NEIC 20:22:26.50.9.0.5, 62.07N-25.54W, h10km, mb4.3/9, Error ellipse: s-maj=13.3km s-min=7.8km az=209.0

ICC 20:22:26.51.2.0.8, 62.46N-25.92W, mb3.9/13, mb1 4.1/14, mb1mx4.0/24, ML3.8/1, MS3.7/2, Ms1 3.7/2, ms1mx3.1/34, Error ellipse: s-maj=25.0km s-min=16.1km az=6.0

ISC 20:22:26.48.7.0.5, 62.02N-0.1, 25.7W, 0.2, h10km, n34, 0.921/81, mb4.0/22, MS4.1/19, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BORG, BORG, JMJC, SUMG, ARCES, SSF, BGF, AVF, SMF, HAU, CLL, CLL, FINES, MBDF, ESDC, AKASA, YKA, BRTR, ILAR, BOZ, MIAR, BW06, WMOK, HWUT, KURK, SDCO, SPUT, PV01, DUG, HKT, ELK, WWOR, LAZ, MKAR, NVAR, LTX, TXAR, TUC, TUC, BDFB, BDFB, CMAR.

JMA 20:22:28.33.6.0.2, 34.97N-141.45E, h46km, 3km, M3.1

NEIC 20:22:28.49.1.1.1, 35.34N-136.42E, h152km, 13km, mb4.2/1, Error ellipse: s-maj=26.1km s-min=19.0km az=117.0

ISC 20:22:34.5.1.3, 34.97N-0.04, 141.4E, 0.1, h38km, 13km, n16, 0.976/21, mb4.2/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BSO1, BSO1, BSO2, BSO3, CHQJ, CHQJ, BSO4, BSO4, KATU, KATU, JHT, JHT, JHT, JHT, MAJO, MAT, MAT, MAT, MAT, JOW, JOW, ILAR.

ASAR Alice Springs 139.18, 29 PKP PKPdf 22 43 44.2 -0.1

MAW Mawson 144.16, 139 PKP PKPdf 22 43 50.5 -1.1

ICC 20:22:50.04.2.1.4, 62.41N-26.06W, mb3.8/8, mb1 4.1/9, mb1mx3.8/24, ML4.2/1, MS3.7/1, Ms1 3.7/1, ms1mx2.9/26, Error ellipse: s-maj=50.7km s-min=22.0km az=176.0

NEIC 20:22:50.06.5.0.4, 62.54N-25.98W, h10km, mb4.5/6, Error ellipse: s-maj=10.4km s-min=6.8km az=217.0

ISC 20:22:50.04.5.0.6, 62.56N-0.10, 26.0W, 0.2, h10km, n21, 0.969/18, mb4.1/14, MS3.7/1, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BORG, SUMG, ARCES, LOR, SSF, TCF, BGF, AVF, RMF, CLL, ELN, BRTR, ILAR, BVAR, PDAR, ZAL, MKAR, TXAR, CMAR, MAW.

NEIC 20:22:26.50.9.0.5, 62.07N-25.54W, h10km, mb4.3/9, Error ellipse: s-maj=13.3km s-min=7.8km az=209.0

ICC 20:22:26.51.2.0.8, 62.46N-25.92W, mb3.9/13, mb1 4.1/14, mb1mx4.0/24, ML3.8/1, MS3.7/2, Ms1 3.7/2, ms1mx3.1/34, Error ellipse: s-maj=25.0km s-min=16.1km az=6.0

ISC 20:22:26.48.7.0.5, 62.02N-0.1, 25.7W, 0.2, h10km, n34, 0.921/81, mb4.0/22, MS4.1/19, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BORG, BORG, JMJC, SUMG, ARCES, SSF, BGF, AVF, SMF, HAU, CLL, CLL, FINES, MBDF, ESDC, AKASA, YKA, BRTR, ILAR, BOZ, MIAR, BW06, WMOK, HWUT, KURK, SDCO, SPUT, PV01, DUG, HKT, ELK, WWOR, LAZ, MKAR, NVAR, LTX, TXAR, TUC, TUC, BDFB, BDFB, CMAR.

JMA 20:22:28.33.6.0.2, 34.97N-141.45E, h46km, 3km, M3.1

NEIC 20:22:28.49.1.1.1, 35.34N-136.42E, h152km, 13km, mb4.2/1, Error ellipse: s-maj=26.1km s-min=19.0km az=117.0

ISC 20:22:34.5.1.3, 34.97N-0.04, 141.4E, 0.1, h38km, 13km, n16, 0.976/21, mb4.2/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BSO1, BSO1, BSO2, BSO3, CHQJ, CHQJ, BSO4, BSO4, KATU, KATU, JHT, JHT, JHT, JHT, MAJO, MAT, MAT, MAT, MAT, JOW, JOW, ILAR.

21d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOTA Moosalm, CLL Collm, SNTA Sankt Quirin, etc.

ICD 20 23:53:46.0-0.7, 35.00N-141.26E, mb4.1/9, mb1 4.2/12, mb1mx4.1/24, ML3.7/3, MS3.1/3, Ms1 3.2/3, ms1mx2.9/26, Error ellipse: s-maj=27.5km s-min=15.3km az=105.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAT Matsushiro, MBI Chichi jima, CBJ Chichi jima, etc.

NEIC 20 23:57:19.9-0.6, 22.76Sx171.70E, h10km, mb4.4/3, Error ellipse: s-maj=21.7km s-min=12.6km az=181.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Port Laguerre, NOUC Urewha, etc.

ISC 20 23:57:25.2-2.5, 22.65S, 0.1x171.3E, 0.1, h54km, 20km, n19, 418/16, mb4.2/9, MS3.6/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Port Laguerre, NOUC Urewha, etc.

INMG 21 00:31:56.1-1.6, 43.30N-16.03W, h10km, ML2.3, Error ellipse: s-maj=9.8km s-min=8.1km az=72.0

MDD 21 00:31:54.1-2.4, 43.14N-16.03W, mb4.5/14, Error ellipse: s-maj=21.3km s-min=16.3km az=115.0, PRXIMO, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STS Santiago, STS 12nm, 0.1s, SNR=10.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EALK Alkuruntz, EQES Quesada, ETOB Tobarra, etc.

NEIC 21 01:00:44.0, 16.29N-98.30W, h26km, MD3.9(MEX), After MEX 21 01:00:43.6-1.1, 16.21N-98.27W, h24km, 12km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNI Pinotepa, PNI Vista Hermosa, HUIG Oaxaca, etc.

ICD 21 01:20:20.8-3.0, 16.12Sx177.80W, mb3.9/3, mb1 4.2/3, mb1mx3.9/15, Error ellipse: s-maj=176.0km s-min=30.7km az=147.0, FI Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array, etc.

ICD 21 01:24:20.1-8.4, 14.25Sx72.10W, h123km, 54km, mb3.4/2, mb1 3.4/5, mb1mx3.3/20, MS3.1/2, Ms1 3.1/2, ms1mx2.5/16, Error ellipse: s-maj=72.3km s-min=54.7km az=154.0, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, LPAZ Limon, LVC 0.6nm, 0.3s, baz=31, slow=5.9, SNR=6.2, etc.

BUI 21 01:25:56.2, 32.94Sx178.64W, h17km, MB5.3, mb5.2, MS4.8, MS2.3

HRVD 21 01:25:57.6-0.3, 33.65Sx179.01W, h39km, 1km, MW5.1/52, Centroid moment Tensor Solution. LP body waves: s46,c65; Mantle waves: s52,c82; Half duration: 0 Moment tensor: CoSe 1016N; M1r-4.63s-24; M2r-0.45s-17; M3r-0.08s-16; M4r-0.14s-17; M5r-1.55s-17; M6r-2.22s-17; Best double couple: M5.53x1016 NP1 to 201, 834, 1x-80; NP2 to 39, 657, 1x-96; Principal axes: T5.94, P1g72, Azm104; N-81, P1g55, Azm13; P-5.12, P1g77; Azm259; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 21 01:25:57.5, 33.55Sx179.34W, h24km, MB5.2, MS4.6, NEIC 21 01:25:57.6-0.2, 33.55Sx179.34W, mb5.2/25, MS4.6/6, Error ellipse: s-maj=8.9km s-min=4.6km az=126.0

MOS 21 01:25:58.2-0.7, 33.69Sx179.59W, h33km, mb5.1/10, Error ellipse: s-maj=21.7km s-min=20.1km az=113.8

ICD 21 01:26:02.7-2.7, 33.68Sx179.49W, h63km, 22km, mb4.5/16, mb1 4.7/18, mb1mx4.7/20, MS4.3/13, Ms1 4.3/13, ms1mx4.3/16, Error ellipse: s-maj=16.9km s-min=13.0km az=0.0

ISC 22 01:25:58.2-0.2, 33.70S, 0.03x179.43W, 0.06, h33km, h22km, 2.1km, P-P, n259, r130/164, mb5.0/43, MS4.5/22, 6C-62, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ Matakaao Point, MXZ Matakaao Point, WIZ White Island, etc.

TSZ	Takapari Road	7.35 209	eP	P	01 27 42.9 -2.9
TSZ	Takapari Road	7.35 209	eP	P	01 27 43.1 -2.7
BFZ	Birch Farm	7.78 205	eP	P	01 27 48.8 -3.0
BFZ	Birch Farm	7.78 205	eP	P	01 27 49.1 -2.7
MRZ	Mangaitioka R	8.01 208	eP	P	01 27 51.4 -3.6
KIW	Kapiti Island	8.45 211	eP	P	01 27 52.1 -5.6
KIW	Kapiti Island	8.45 211	eP	P	01 27 56.8 -4.4
MTW	Mout Morrison	8.47 207	eP	P	01 27 56.3 -5.1
MTW	Mout Morrison	8.47 207	eP	P	01 27 57.3 -4.1
CAW	Cannon Point	8.59 209	eP	P	01 27 59.4 -3.7
CAW	Cannon Point	8.59 209	eP	P	01 28 01.2 -4.4
MRW	Makara Radio	8.85 210	eP	P	01 28 03.0 -3.6
MRW	Makara Radio	8.85 210	eP	P	01 28 02.0 -5.2
SNZO	South Karori	8.91 210	eP	P	01 28 02.2 -5.3
BHW	Baring Head	8.93 209	eP	P	01 28 02.6 -5.2
BHW	Baring Head	8.93 209	eP	P	01 28 03.2 -4.6
Nelson	Nelson	9.43 215	eP	P	01 28 09.8 -5.0
NNZ	Nelson	9.43 215	eP	P	01 28 10.6 -4.2
QRZ	Quartz Range	9.57 220	eP	P	01 28 12.3 -4.4
THZ	Topohue	10.08 215	eP	P	01 28 17.7 -6.0
THZ	Topohue	10.08 215	eP	P	01 28 18.3 -5.4
KHZ	Kahutara	10.32 210	eP	P	01 28 21.7 -5.2
KHZ	Kahutara	10.32 210	eP	P	01 28 22.9 -4.0
MOZ	McQueen's Vall	11.75 209	S	S	01 30 44.2 -1.3
MOZ	McQueen's Vall	11.75 209	S	S	01 28 39.3 -7.0
RPZ	Rata Peaks	12.45 214	P	P	01 28 49.3 -6.5
RPZ	Rata Peaks	12.45 214	P	P	01 31 01.7 -1.3
JCZ	Jackson Bay	13.84 218	eP	P	01 29 07.8 -6.3
DZM	Mont Dore	17.01 309	eP	P	01 29 56.3 +1.2
NOUC	Port Laguerre	17.08 309	eP	P	01 29 59.7 +3.7
NOUC	Port Laguerre	17.08 309	eP	P	01 29 59.7 +3.7
RAR	Rarotonga	21.38 59	LR	LR	01 36 51.2
CNB	Canberra Magne	25.72 258	eP	P	01 31 30.4 +3.2
TBI	Tubuai	28.19 76	eP	P	01 32 01.3 +1.1
TBI	Tubuai	28.19 76	eP	P	01 37 07.0
PAE	Paea	31.13 67	eP	P	01 32 27.6 +1.1
PPT	Papeete	31.19 66	eP	P	01 32 27.9 +1.1
PPT	Papeete	31.19 66	eP	P	01 38 30.0
PPT	Papeete	31.19 66	eP	P	01 40 05.1
TIAR	Tiarei	31.37 67	eP	P	01 32 30.1 +1.2
STKA	Stevens Creek	32.69 262	eP	P	01 32 31.1 +1.5
STKA	Stevens Creek	32.69 262	eP	P	01 32 27.4 -2.2
STKA	Stevens Creek	32.69 262	eP	P	01 35 12.7 -2.3
STKA	Stevens Creek	32.69 262	eP	P	01 32 27.4 -2.2
STKA	Stevens Creek	32.69 262	eP	P	01 35 12.7 -2.2
CTA	Charters Tower	33.31 285	eP	P	01 32 36.4 +1.3
CTA	Charters Tower	33.31 285	eP	P	01 32 35.4 +0.3
CTA	Charters Tower	33.31 285	eP	P	01 32 35.4 +0.3
CTAO	Charters Tower	33.31 285	eP	P	01 33 26.2 +1.1
PMG	Port Moresby	39.07 300	eP	P	01 33 24.8 +0.9
ASAR	Alice Springs	41.84 271	eP	P	01 33 46.8 0.0
ASAR	Alice Springs	41.84 271	eP	P	01 35 39.7 -3.2
ASAR	Alice Springs	41.84 271	eP	P	01 40 00.6 -1.6
ASAR	Alice Springs	41.84 271	eP	P	01 48 26.8
ASPA	Alice Springs	41.83 271	eP	P	01 33 47.1 +0.3
WB2	Warramunga Arr	43.12 276	eP	P	01 33 56.2 -1.1
WB2	Warramunga Arr	43.12 276	eP	P	01 40 18.3 -2.6
WRAB	Tennant Creek	43.13 276	eP	P	01 33 56.9 -0.5
WRA	Warramunga Arr	43.13 276	eP	P	01 33 57.2 -0.2
WRA	Warramunga Arr	43.13 276	eP	P	01 50 36.5
FORT	Fortress	44.12 259	eP	P	01 34 04.4 -0.8
SBA	Scott Base	44.67 184	eP	P	01 34 11.5 +2.5
VNDA	Vanda	44.70 186	eP	P	01 34 10.3 +1.0
VNDA	Vanda	44.70 186	eP	P	01 48 50.2
VNDA	Vanda	44.70 186	eP	P	01 34 09.7 +0.4
KAKA	Kakadu	48.46 284	eP	P	01 34 39.8 +0.2
FITZ	Fitzroy Crossi	51.24 273	eP	P	01 34 59.8 -1.1
FITZ	Fitzroy Crossi	51.24 273	eP	P	01 35 00.3 -0.6
CASY	Casey	51.67 209	eP	P	01 35 00.4 -3.1
NWAO	Narogin (SRO)	52.17 252	P	P	01 35 05.3 -2.4
NWAO	Narogin (SRO)	52.17 252	P	P	01 54 33.9
KLBR	Kelberla	52.10 254	eP	P	01 35 05.6 -2.4
MUN	Mundaring	53.30 253	eP	P	01 35 14.1 -2.1
QSPA	South Pole Qui	56.42 180	iP	P	01 35 39.4 +1.2
QSPA	South Pole Qui	56.42 180	iP	P	01 40 34.7
MIR	Mirny	56.65 208	eP	P	01 35 52.4 -1.7
MAW	Mawson	68.80 201	eP	P	01 36 59.7 -0.8
MAW	Mawson	68.80 201	eP	P	01 36 60.0 -0.6
MAW	Mawson	68.80 201	eP	P	02 08 00.9
MAW	Mawson	68.80 201	eP	P	01 37 00.0 -0.5
SYO	Syowa Base	73.64 194	iP	P	01 37 28.1 -1.3
SYO	Syowa Base	73.64 194	iP	P	01 37 32.8 +3.4
SYO	Syowa Base	73.64 194	iP	P	01 37 53.9 +1.4
TOY	Tagaytay City	74.03 299	eP	P	01 37 31.3 -1.4
TOY	Tagaytay City	74.03 299	eP	P	01 37 31.3 -1.4
SNA	Sanae	74.90 179	eP	P	01 37 41.5 +4.8
SNA	Sanae	74.90 179	eP	P	01 37 36.5 -0.2
SNA	Sanae	74.90 179	eP	P	01 37 33.6 -3.1
MAIT	Maitri	75.52 184	eP	P	01 37 40.5 -0.3
VNA2	Neumayer-Watz	75.52 177	eP	P	01 37 47.6 +7.4
VNA2	Neumayer-Watz	75.52 177	eP	P	01 37 41.3 +1.1
VNA2	Neumayer-Watz	75.52 177	eP	P	01 37 47.6
VNA1	Neumayer-Stat	75.76 177	eP	P	01 37 49.4 +7.8
VNA1	Neumayer-Stat	75.76 177	eP	P	01 37 42.9 +1.3
PLCA	Paso Flores	81.14 133	P	P	01 38 12.4 +0.7
PLCA	Paso Flores	81.14 133	P	P	02 09 25.0
PLCA	Paso Flores	81.14 133	P	P	01 38 11.6 -0.2
PLCA	Paso Flores	81.14 133	P	P	01 38 19.1 -3.1
QIZ	Qiongzong	84.33 296	eP	P	01 38 40.5 +0.0
QIZ	Qiongzong	84.33 296	eP	P	01 38 40.5 +0.0
NJ2	Nanjing	87.49 312	eP	P	01 38 46.1 +2.4

NJ2	Nanjing	87.49 312	eP	P	01 38 46.1 +2.4
BAR	Barrett	88.56 49	eP	P	01 38 49.1 +0.2
PFO	Ponyon Flat Ob	89.32 48	eP	P	01 38 55.1 -4.3
PFO	Ponyon Flat Ob	89.32 48	eP	P	01 38 52.5 0.0
CMB	Columbia Colle	90.01 43	eP	P	01 39 00.4 -2.7
CMB	Columbia Colle	90.01 43	eP	P	01 38 55.1 -0.4
SDPT	Sand Point	90.17 11	eP	P	01 38 55.1 -0.8
SDPT	Sand Point	90.17 11	eP	P	01 38 55.1 -0.8
MDJ	Mudanjani	90.67 326	P	P	01 38 59.3 +0.8
MDJ	Mudanjani	90.67 326	P	P	01 39 05.4 -3.7
MDJ	Mudanjani	90.67 326	P	P	01 39 08.3 -4.2
MDJ	Mudanjani	90.67 326	P	P	01 49 53.8 +4.2
MDJ	Mudanjani	90.67 326	P	P	01 50 05.8
MDJ	Mudanjani	90.67 326	P	P	01 51 00.4 +0.4
MDJ	Mudanjani	90.67 326	P	P	01 55 54.4 -0.9
MDJ	Mudanjani	90.67 326	P	P	01 37 07.0
MDJ	Mudanjani	90.67 326	P	P	01 38 47.7
MDJ	Mudanjani	90.67 326	P	P	01 32 27.6 +1.1
MDJ	Mudanjani	90.67 326	P	P	01 32 27.9 +1.1
MDJ	Mudanjani	90.67 326	P	P	01 38 30.0
MDJ	Mudanjani	90.67 326	P	P	01 40 05.1
MDJ	Mudanjani	90.67 326	P	P	01 32 30.1 +1.2
MDJ	Mudanjani	90.67 326	P	P	01 32 31.1 +1.5
MDJ	Mudanjani	90.67 326	P	P	01 32 27.4 -2.2
MDJ	Mudanjani	90.67 326	P	P	01 35 12.7 -2.3
MDJ	Mudanjani	90.67 326	P	P	01 32 27.4 -2.2
MDJ	Mudanjani	90.67 326	P	P	01 35 12.7 -2.2
MDJ	Mudanjani	90.67 326	P	P	01 32 36.4 +1.3
MDJ	Mudanjani	90.67 326	P	P	01 32 35.4 +0.3
MDJ	Mudanjani	90.67 326	P	P	01 32 35.4 +0.3
MDJ	Mudanjani	90.67 326	P	P	01 33 26.2 +1.1
MDJ	Mudanjani	90.67 326	P	P	01 33 24.8 +0.9
MDJ	Mudanjani	90.67 326	P	P	01 33 46.8 0.0
MDJ	Mudanjani	90.67 326	P	P	01 35 39.7 -3.2
MDJ	Mudanjani	90.67 326	P	P	01 40 00.6 -1.6
MDJ	Mudanjani	90.67 326	P	P	01 48 26.8
MDJ	Mudanjani	90.67 326	P	P	01 33 47.1 +0.3
MDJ	Mudanjani	90.67 326	P	P	01 40 02.6 +0.4
MDJ	Mudanjani	90.67 326	P	P	01 33 56.2 -1.1
MDJ	Mudanjani	90.67 326	P	P	01 40 18.3 -2.6
MDJ	Mudanjani	90.67 326	P	P	01 33 56.9 -0.5
MDJ	Mudanjani	90.67 326	P	P	01 33 57.2 -0.2
MDJ	Mudanjani	90.67 326	P	P	01 50 36.5
MDJ	Mudanjani	90.67 326	P	P	01 34 04.4 -0.8
MDJ	Mudanjani	90.67 326	P	P	01 34 11.5 +2.5
MDJ	Mudanjani	90.67 326	P	P	01 34 10.3 +1.0
MDJ	Mudanjani	90.67 326	P	P	01 48 50.2
MDJ	Mudanjani	90.67 326	P	P	01 34 09.7 +0.4
MDJ	Mudanjani	90.67 326	P	P	01 34 39.8 +0.2
MDJ	Mudanjani	90.67 326	P	P	01 34 59.8 -1.1
MDJ	Mudanjani	90.67 326	P	P	01 35 00.3 -0.6
MDJ	Mudanjani	90.67 326	P	P	01 35 00.4 -3.1
MDJ	Mudanjani	90.67 326	P	P	01 35 05.3 -2.4
MDJ	Mudanjani	90.67 326	P	P	01 54 33.9
MDJ	Mudanjani	90.67 326	P	P	01 35 05.6 -2.4
MDJ	Mudanjani	90.67 326	P	P	01 35 14.1 -2.1
MDJ	Mudanjani	90.67 326	P	P	01 35 39.4 +1.2
MDJ	Mudanjani	90.67 326	P	P	01 40 34.7
MDJ	Mudanjani	90.67 326	P	P	01 35 52.4 -1.7
MDJ	Mudanjani	90.67 326	P	P	01 36 59.7 -0.8
MDJ	Mudanjani	90.67 326	P	P	01 36 60.0 -0.6
MDJ	Mudanjani	90.67 326	P	P	02 08 00.9
MDJ	Mudanjani	90.67 326	P	P	01 37 00.0 -0.5
MDJ	Mudanjani	90.67 326	P	P	01 37 28.1 -1.3
MDJ	Mudanjani	90.67 326	P	P	01 37 32.8 +3.4
MDJ	Mudanjani	90.67 326	P	P	01 37 53.9 +1.4
MDJ	Mudanjani	90.67 326	P	P	01 37 31.3 -1.4
MDJ	Mudanjani	90.67 326	P	P	01 37 31.3 -1.4
MDJ	Mudanjani	90.67 326	P	P	01 37 41.5 +4.8
MDJ	Mudanjani	90.67 326	P	P	01 37 36.5 -0.2
MDJ	Mudanjani	90.67 326	P	P	01 37 33.6 -3.1
MDJ	Mudanjani	90.67 326	P	P	01 37 40.5 -0.3
MDJ	Mudanjani	90.67 326	P	P	01 37 47.6 +7.4
MDJ	Mudanjani	90.67 326	P	P	01 37 41.3 +1.1
MDJ	Mudanjani	90.67 326	P	P	01 37 47.6
MDJ	Mudanjani	90.67 326	P	P	01 37 49.4 +7.8
MDJ	Mudanjani	90.67 326	P	P	01 37 42.9 +1.3
MDJ	Mudanjani	90.67 326	P	P	01 38 12.4 +0.7
MDJ	Mudanjani	90.67 326	P	P	02 09 25.0
MDJ	Mudanjani	90.67 326	P	P	01 38 11.6 -0.2
MDJ	Mudanjani	90.67 326	P	P	01 38 19.1 -3.1
MDJ	Mudanjani	90.67 326	P	P	01 38 40.5 +0.0
MDJ	Mudanjani	90.67 326	P	P	01 38 40.5 +0.0
MDJ	Mudanjani	90.67 326	P	P	01 38 46.1 +2.4

HLS	Ha'il	144.12 271	P	PKPbc	01 45 28.6 -1.4
GOF	Gofitskoye	145.64 302	iP	PKHKP	01 45 26.0
GOF	Gofitskoye	145.64 302	iP	PKHKP	01 45 26.0
KBRS	Khaybar	145.65 267	P	PKPdf	01 45 33.8 +0.4
BORG	Borgarnes	146.17 17	PKPbc	PKPbc	01 45 35.5 +1.3
BORG	Borgarnes	146.17 17	PKPbc	PKPbc	01 45 35.5 +1.3
BTM	Batman	146.76 290	eP	PKPdf	01 45 36.1 +1.2
VOR	Voronezh	146.88 315	eP	PKPdf	01 45 35.6 +0.9
VOR	Voronezh	146.88 315	eP	PKPdf	0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WAZ Wanganui, TUUV Tukino, DRZ Dome Shelter, etc.

WEL 21 02:02:25.2±0.1, 41.08Sx175.53E, h29km, ML3.7/7, 2C-7D, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MTW Mount Morrison, PAWZ Paruwai Farm, CAW Cannon Point, etc.

IDC 21 02:12:24.5±3.3, 18.37Sx177.44W, mb3.6/3, mb1 3.9/3, mb1mx3.6/1.5, Error ellipse: s-maj=397.0km s-min=33.8km az=159.0, Fiji Islands region

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

IDC 21 02:32:23.5±2.3, 6.56S, 129.46E, mb3.4/1, mb1 3.7/4, mb1mx3.5/1.3, ML3.4/3, Error ellipse: s-maj=107.0km s-min=27.8km az=76.0, Banda Sea

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

IDC 21 03:11:55.4±1.2, 34.98N, 141.19E, mb3.8/5, mb1 4.0/6, mb1mx3.8/2.3, ML3.1/1, MS2.9/1, Ms1 2.9/1, ms1mx2.2/3.0, Error ellipse: s-maj=42.3km s-min=23.2km az=112.0

NEIC 21 03:11:57.0±0.8, 34.89N, 141.19E, h10km, mb4.2/1, Error ellipse: s-maj=24.8km s-min=11.4km az=56.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BOSO Boso 1, BOSO Boso 2, CHOI Chosi, etc.

NIED 21 03:29:00.35, 00N, 141.50E, h17km, Mw4.1 Best double couple: M0.1x10^15 NP1, phi=152, delta=1, lambda=-2. NP2, phi=247, delta=9, lambda=173

IDC 21 03:29:40.5±0.7, 35.04N, 141.19E, mb4.1/9, mb1 4.2/12, mb1mx4.1/2.7, ML3.3/3, MS3.2/2, Ms1 3.2/2, ms1mx3.8/2.5, Error ellipse: s-maj=34.5km s-min=14.0km az=111.0

JMA 21 03:29:42.8±0.2, 35.01N, 141.46E, h38km, mb4.4, M3.7

MOS 21 03:29:42.8±1.5, 35.10N, 141.31E, h33km, mb4.4/4, Error ellipse: s-maj=78.3km s-min=17.6km az=86.2

NEIC 21 03:29:48.3±2.2, 35.01N, 141.18E, h60km, mb4.3/4, Error ellipse: s-maj=24.3km s-min=8.9km az=105.0

ISC 21 03:29:42.9±0.9, 34.99N, 141.46E, 0.03, h31km, g6km, n38, c=0.97/46, mb4.1/12, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BOSO Boso 1, BOSO Boso 2, CHOI Chosi, etc.

IDC 21 03:32:40.8±0.8, 37.79N, 57.50E, mb4.5/21, mb1 4.6/25, mb1mx4.6/2.6, ML4.3/3, MS3.9/1, Ms1 3.9/1, ms1mx3.6/2.6, Error ellipse: s-maj=22.5km s-min=11.9km az=2.0

BUI 21 03:32:41.1, 38.22N, 57.48E, h9km, mb4.9, mb4.9, Ms4.8, Ms4.3

MOS 21 03:32:42.5±0.8, 38.20N, 57.77E, h13km, mb4.7/16, Error ellipse: s-maj=9.1km s-min=6.2km az=119.3

NEIC 21 03:32:42.4±0.5, 37.76N, 57.62E, h10km, mb4.7/43, Error ellipse: s-maj=12.7km s-min=6.2km az=176.0

THR 21 03:32:43.2±0.7, 37.64N, 57.60E, h15km, ML4.6

NIC 21 03:32:49.2±3.0, 38.60N, 58.36E, Error ellipse: s-maj=33.2km s-min=23.0km az=56.0

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NASN Na'in, ASAO Ashtian, ZHSF Zahedan, etc.

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ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

ISC 21 03:32:41.0±0.2, 37.90N, 0.03, 57.64E, 0.02, h10km, (h22km, 3.6km, pP-P), n216, c=1.640/229, mb4.7/70, MS4.1/21, 12C-9D, Iran-Turkmenistan border region

21d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK, INK, BVAR, BRVK, PAHR, SYO, NVAR, NVAR, MNV, HWUT, PDAR, GERES, LPAZ, CPUP, BDFB.

MDD 21 03:49:46.6, 0.3, 43.10N, 1.31W, h10km, 3km, mbLg1.2/5, Error ellipse: s-maj=5.7km s-min=1.9km az=21.0, PRXIMO LDG 21 03:49:46.3, 0.6, 43.03N, 1.34W, h2km, Md1.9/2, Mi0.0/1, Error ellipse: s-maj=11.6km s-min=7.2km az=69.0, ISC 21 03:49:45.5, 1.2, 43.04N, 0.09, 1.31W, 0.08, h12km, 9km, n7, c055/11, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ste Jean, Osas, Alkuruntz, LARF, ETSF, EPF, ESAC.

DJA 21 04:12:28.5, 1.0, 8.61S, 116.11E, h107km, 6km, MD5.1/4, ML3.9/1, 1C-2D, Error ellipse: s-maj=39.9km s-min=15.9km az=161.0, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kedomdong, RATI, INGI, KELI.

CASC 21 04:29:31.5, 2.0, 14.52N, 89.76W, h286km, 8km, MD4.2, ML4.5, mb4.5, NEIC(B) BUJ 21 04:29:35.0, 1.4, 50N, 89.70W, h283km, IDG 21 04:29:35.5, 1.7, 1.4, 61N, 89.60W, h285km, 17km, mb3.5/9, mb1.3, 0.1/1, mb1mx3.6/20, Error ellipse: s-maj=23.0km s-min=11.7km az=161.0, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Robledal, RTR, IXG, XG, SNET.

NEIC 21 04:29:35.0, 0.8, 14.52N, 89.69W, h284km, 8km, mb4.5/15, Error ellipse: s-maj=10.6km s-min=5.4km az=59.0, ISC 21 04:29:33.0, 0.3, 14.54N, 0.06, 89.85W, 0.06, h273km, 3km, n93, c097/94, mb4.0/17, 16C-8D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBR5, TP2, LFRS, LCBS, SNVI, JAT.

CASC 21 04:29:31.5, 2.0, 14.52N, 89.76W, h286km, 8km, MD4.2, ML4.5, mb4.5, NEIC(B) CAHU 21 04:29:35.0, 1.4, 50N, 89.70W, h283km, IDG 21 04:29:35.5, 1.7, 1.4, 61N, 89.60W, h285km, 17km, mb3.5/9, mb1.3, 0.1/1, mb1mx3.6/20, Error ellipse: s-maj=23.0km s-min=11.7km az=161.0, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAHU, VSM, BLLM, CNCH, PYN, TEL3, LEON, MIRM, MOMJ, COPN, XAVN, MGAN, TION, APON, URSO, TEIG, JTS, JTS, VPS2, PRS1, ICR, LCR2, URSO, BURS, ACR, DWPF, JCT, JCT, LRAL, LTX, TXAR.

MOS 21 04:50:00.7, 0.7, 36.33N, 70.82E, h189km, mb3.9/6, Error ellipse: s-maj=37.9km s-min=13.6km az=96.5, NEIC 21 04:50:00.5, 3.0, 36.34N, 70.99E, h171km, 22km, mb4.0/1, Error ellipse: s-maj=28.2km s-min=13.5km az=216.0, IDG 21 04:50:04.3, 6.7, 36.44N, 71.08E, h204km, 58km, mb3.5/8, mb1.3, 7/10, mb1mx3.5/19, Error ellipse: s-maj=39.4km s-min=17.4km az=34.0, NNC 21 04:50:13.1, 5.3, 37.28N, 71.06E, h218km, 40km, mpv4.2, Error ellipse: s-maj=58.3km s-min=33.0km az=38.0, ISC 21 04:50:14.7, 0.4, 36.84N, 0.03, 71.06E, 0.08, h213km, 6km, n55, c097/63, mb3.6/9, 10C-1D, Afghanistan-Tajikistan

2004 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MIAR, UALR, PLAL, CPCT, WMOK, G319, CPMX, CCXR, WCI, KSU1, ANMO, CSB, RSSD, DUG, BW06, PDAR, REDW, SNOW, TPWA, MOOW, NVAR, NVAR, SML, HALD, DGMT, MCMT, ULM, LPAZ, SCHO, YKA, DLBC, PLCA, ILAR, SUMG, ESCD, TRO, KTK1, CN2, WMQ, SWE, SJE, NJ2, NJ2, NJ2, NJ2, WRA, WRA, ASAR, ASAR, KMI, KMI, FITZ, FITZ, CMR, CMR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEP, CHCP, CHCP, THW, SBDP, SARF, DRP, THN, THN, AML, UCH, KZA, EKS2, KK31, KK31, AAK, AAK, KBK, ULHL, CHMS, SDNR, SDNR, UTM, UTM, MK31, MKAR, MKAR, MKAR, MKAR, KOLN.

450

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GKN, DMN, KKN, AB31, AB31, AB31, GUN, VOSK, ZRNK, ZRNK, ZRNK, BVAR, BVAR, SONM, FINES, FINES, FINES, FINES, FINES, COLA, ILAR, ILAR, ILAR, YKA, YKA, YKA, WRA, WRA, WRA, ASAR, ASAR.

IDC 21 05:14:47.5, 2.2, 17.41S, 178.77W, h515km, 23km, mb3.9/8, mb1.4, 3/8, mb1mx3.9/15, Error ellipse: s-maj=26.9km s-min=13.9km az=143.0, NEIC 21 05:14:49.6, 1.4, 17.46S, 178.81W, h541km, 15km, mb4.2/19, Error ellipse: s-maj=11.7km s-min=7.3km az=146.0, ISC 21 05:14:51.6, 2.0, 17.55, 0.1, 178.9W, 0.1, h579km, 39km, n66, c059/38, mb4.3/26, 1C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, RPZ, CTA, CTA, CNB, STK, STK, STK, STK, WB2, WB2, WRAB, WRA, WRA, ASAR, ASAR, ASAR, ASPA, KAKA, FORT, FITZ, KLBR, MUN, VVND, VVND, VVND, QSPA, NVAR, TPH, MOD, WOD, TUC, RMW, ELK, HLID, ILAR, PV01, TXAR, ANMO, MCMT, TPWA, CHMT, PDAR, SNA, MKAR, BRTR, OKC, CLZ, CLZ, BRG, KHC, GEC2, GERES.

Table with columns: CAUP, CAUYAN, 1.31, 42, eP, Pb, 06 29 22.4 -0.4

JMA 21 06:29:13.7, 0.3, 34.99N, 141.46E, h40km, 4km, M3.1, IDC 21 06:29:14.8, 2.0, 34.41N, 141.84E, mb3.7/3, mb1 3.9/3, mb1mx3.6/22, ML2.6/1, MS3.8/2, Ms1 3.8/2, ms1mx2.6/26, Error ellipse: s-maj=41.2km s-min=31.4km az=74.0

ISC 21 06:29:15.1, 1.2, 35.01N, 0.05, 141.4E, 0.1, h48km, 11km, n17, c084/20, mb3.8/3, MS3.9/2, Near east coast of eastern Honshu

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

IDC 21 06:45:55.1, 1.7, 3.89S, 152.10E, mb4.0/4, mb1 4.3/4, mb1mx3.9/14, Error ellipse: s-maj=69.3km s-min=24.3km az=118.0

NEIC 21 06:46:06.4, 3.6, 4.15S, 152.14E, h96km, 31km, Error ellipse: s-maj=76.2km s-min=23.7km az=120.0

ISC 21 06:46:03.9, 4.7, 4.05, 0.3, 152.0E, 0.5, h83km, 41km, n7, c087/7, mb3.8/4, New Ireland region

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

MAN 21 06:50:26.5, 8.3N, 124.77E, h66km, mb4.5, ML3.3, MS3.2, 2C, Mindanao

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

MDD 21 07:54:32.4, 0.5, 43.08N, 0.71W, h6km, 5km, mbLg1.4/7, Error ellipse: s-maj=4.8km s-min=2.4km az=23.0, PFXIMO

STR 21 07:54:32.3, 0.1, 43.08N, 0.70W, h5km, 1km, M1.2, 2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 21 07:54:32.6, 0.1, 43.08N, 0.71W, h2km, Md2.0, M1.0/1, Error ellipse: s-maj=3.0km s-min=1.5km az=15.0

ISC 21 07:54:32.0, 0.5, 43.10N, 0.04, 0.69W, 0.03, h5km, n18, c093/27, Pyrenees

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

BUI 21 07:58:22.4, 27.40N, 111.60W, h10km, mb4.8, mb4.8, Ms4.5, Ms24.2

NEIC 21 07:58:26.5, 0.5, 27.39N, 111.55W, h10km, mb4.3/20, Error ellipse: s-maj=7.9km s-min=4.1km az=206.0

IDC 21 07:58:27.0, 1.1, 27.70N, 111.54W, mb4.2/5, mb1 4.4/9, mb1mx4.1/23, ML3.3/4, MS4.1/7, Ms1 4.1/7, ms1mx3.9/25, Error ellipse: s-maj=19.7km s-min=15.0km az=33.0

ISC 21 07:58:24.0, 2.0, 27.37N, 0.06, 111.58W, 0.04, h10km, n122, c115/112, mb4.3/12, MS4.0/15, Gulf of California

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

Table with columns: BAR, BARRETT, 6.89, 321, eP, Pn, 08 00 05.9 -1.9

Table with columns: BAR, BARRETT, 6.89, 321, eP, Pn, 08 00 05.9 -1.9

IDC 21 08:00:30.7, 1.2, 2.54S, 100.39E, h60km, 5km, mb4.0/11, s-min=1.1, mb1mx3.9/18, Error ellipse: s-maj=49.2km az=56.0

NEIC 21 08:00:42.2, 2.5, 2.51S, 100.46E, h75km, 18km, mb4.5/6, Error ellipse: s-maj=30.2km s-min=7.3km az=57.0

NEIC Felt [I] at Padang

ISC 21 08:00:28.8, 0.7, 2.57S, 0.09, 100.5E, 0.1, h58km, h58km, 2.0km, pP, n3, c119/135, mb4.6/17, 1C-1D, Southern Sumatra

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

Table with columns: ILAR, comp=2.176m, 20.6s, MS4.0, baz=154, slow=39, LR, LR, 08 06 47.5

Table with columns: ILAR, comp=2.176m, 20.6s, MS4.0, baz=154, slow=39, LR, LR, 08 06 47.5

IDC 21 08:00:30.7, 1.2, 2.54S, 100.39E, h60km, 5km, mb4.0/11, s-min=1.1, mb1mx3.9/18, Error ellipse: s-maj=49.2km az=56.0

NEIC 21 08:00:42.2, 2.5, 2.51S, 100.46E, h75km, 18km, mb4.5/6, Error ellipse: s-maj=30.2km s-min=7.3km az=57.0

NEIC Felt [I] at Padang

ISC 21 08:00:28.8, 0.7, 2.57S, 0.09, 100.5E, 0.1, h58km, h58km, 2.0km, pP, n3, c119/135, mb4.6/17, 1C-1D, Southern Sumatra

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

IDC 21 08:34:39.2, 1.4, 4.53S, 133.73E, mb3.9/2, mb1 4.3/6,

CTA	comp=Z,21m,21.4s,MS4.6,baz=348,slow=33	P	11 38 33.8 +2.2
CTA	Charters Tower 21.62 271 eP	P	11 42 37.8 +1.2
CTA	comp=Z,37m,0.7s,mb4.9	P	11 38 33.2 +1.6
CTA	comp=Z,33m,0.9s	LR	11 46 12.1
CTA	Charters Tower 21.62 271 P	P	11 38 33.2 +1.6
CTA	comp=Z,33m,0.9s	pmx	
CTA	comp=Z,33m,0.9s	MLR	MLR
CTAO	comp=Z,38m,1.3s,mb5.1	LR	11 38 32.5 +0.9
CNB	Cambera Magne 21.87 229 i/P	P	11 38 36.3 +2.3
PMG	Port Moresby 24.74 297 eP	P	11 39 02.1 -0.2
STKA	Stephens Creek 26.51 243 eP	P	11 39 19.4 +0.6
STKA	Stephens Creek 26.51 243 P	S	11 39 19.4 +0.7
STKA	comp=Z,11nm,0.8s,mb4.9,baz=117,slow=6.9,SNR=6.5	LR	11 48 39.8
RAR	Rarotonga 28.70 94 LR	LR	11 48 44.4
KWAJ	Kwajalein Atol 30.74 357 PFAKE	LR	11 40 10.0 +1.3
ASAR	Alice Springs 32.63 260 P	P	11 40 12.7 -0.9
ASAR	comp=Z,14nm,0.8s,mb4.9,baz=77,slow=9.0,SNR=148	P	11 42 59.5 -0.3
ASAR	comp=Z,2.7m,1.1s,baz=89,slow=5.3,SNR=4.9	LR	11 52 44.3
ASPA	Alice Springs 32.64 260 i/P	P	11 40 12.3 -1.2
WB2	Warramunga Arr 32.69 267 eP	P	11 40 12.2 -1.8
WRAB	Tennant Creek 32.69 267 eP	P	11 40 12.5 -1.5
WRA	Warramunga Arr 32.70 267 P	P	11 40 12.8 -1.3
WRA	comp=Z,7.9nm,0.6s,mb4.9,baz=95,slow=8.4,SNR=76	LR	11 53 13.7
WRA	comp=Z,21m,19.6s,MS4.9,baz=85,slow=36	P	11 40 12.8 -1.3
KAKA	Kakadu 36.38 279 eP	P	11 40 44.5 -1.2
FORT	Forrest 37.79 248 eP	P	11 40 57.7 +0.2
TBI	Tubuai 37.94 100 eS	S	11 46 34.9 -1.5
TBI	comp=Z,823nm,28.5s	eL	11 49 14.3
PPT	Papeete 38.83 91 eL	S	11 49 35.0
FITZ	Fitzroy Crossi 41.13 267 i/P	P	11 41 25.5 +0.3
FITZ	Fitzroy Crossi 41.13 267 LR	LR	11 57 52.2
KLBR	Kellerberrin 46.63 247 eP	P	11 42 08.9 -0.7
MUNW	Narrogin (SRO) 47.05 245 LR	LR	11 40 48.4
NWA	Mundaring 47.94 246 eP	P	11 42 18.7 -1.2
RKT	Rikitea 51.16 102 eS	S	11 49 45.5 -1.6
VNDA	Vanda 55.61 182 P	P	11 43 16.2 -0.8
VNDA	comp=Z,3.5nm,1.0s,mb4.3,baz=0.9,slow=7.2,SNR=18	LR	12 04 37.4
VNDA	comp=Z,322nm,19.1s,MS4.4,baz=14,slow=33	P	11 43 15.3 -1.8
SBA	Scott Base 55.84 181 i/P	P	11 43 18.0 -0.7
SBA	comp=Z,175nm,1.8s,mb5.8	LR	11 43 18.0 -0.7
CASY	Casey 57.58 204 eP	P	11 43 28.9 -2.3
TGY	Tagaytay City 59.53 303 LR	LR	12 09 37.8
JOW	Kunigami 62.80 319 LR	LR	12 08 19.8
MIR	Mirny 64.51 206i eP	P	11 44 17.5 -0.6
MAJO	Matsushiro 65.30 333i eP	P	11 44 22.6 -1.1
MAT	Matsushiro 65.30 333 P	S	11 44 22.5 -1.2
MAT	Matsushiro 65.30 333 eP	P	11 44 23.0 -0.7
MAT	comp=Z,105nm,1.8s,mb5.6	eS	11 53 08.0 +2.2
JNU	Nakatsue 66.03 325 LR	LR	12 10 15.0
QSPA	South Pole Qui 67.99 180 eP	P	11 44 40.2 +0.1
QSPA	comp=Z,460nm,21.3s,MS4.7	LR	11 44 54.8 +0.4
SSE	Sheshan 70.19 317 i/P	P	11 54 06.5 +2.1
SSE	comp=Z,44nm,0.7s,mb5.5	SS	11 54 12.0
SSE	comp=Z,226nm,8.7s	AMB	11 58 32.8 -3.4
SSE	comp=N,83nm,23.1s,MS4.3	LR	11 45 00.9 +0.9
SSE	comp=E,174nm,23.1s,MS4.3	LR	11 45 13.4 +9.2
QIZ	Qiongzhong 71.07 300 P	S	11 54 15.0 0.0
QIZ	comp=Z,292nm,8.0s	XP	
QIZ	comp=N,246nm,18.9s	PS	
INCH	Inchon 71.59 325 eP	P	11 45 03.0 +0.3
NJ2	Nanjing 72.31 317 eP	P	11 45 07.9 +0.7
NJ2	comp=Z,43nm,1.0s,mb5.3	AP	11 45 12.9 +2.6
NJ2	comp=Z,43nm,1.0s,mb5.3	XP	11 45 15.6 +4.2
NJ2	comp=Z,43nm,1.0s,mb5.3	PP	11 45 30.0 +6.6
NJ2	comp=Z,43nm,1.0s,mb5.3	S	11 54 31.0 +2.0
NJ2	comp=Z,43nm,1.0s,mb5.3	PS	11 54 37.0
NJ2	comp=Z,43nm,1.0s,mb5.3	SKS	11 55 04.0 +2.7
NJ2	comp=Z,43nm,1.0s,mb5.3	AMB	11 55 07.0 -5.0
NJ2	comp=N,240nm,11.8s	LR	
NJ2	comp=E,380nm,18.8s	LR	
NJ2	comp=Z,21m,13.4s,MS5.5	LR	
YSS	Yuzh-Sakhalins 72.78 341 beP	P	11 45 10.0 +0.3
YSS	comp=Z,600nm,5.0s	smx	11 45 21.0
YSS	comp=E,500nm,12.0s	MLR	11 45 26.0
YSS	comp=Z,800nm,18.0s,MS5.0	MLR	11 54 40.0 +5.9
SKR	Severo-Kuril's 73.38 351 eP	P	11 45 10.5 -2.6

SKR	comp=N,60nm,1.0s	e	11 45 24.0
SKR	comp=E,60nm,1.0s	ePPP	11 47 55.0
SKR	comp=Z,70nm,1.0s,mb5.5	PPP	11 49 40.0 -2.3
SKR	comp=Z,70nm,1.0s,mb5.5	eS	11 54 43.0 +2.3
SKR	comp=N,60nm,1.0s	pmx	11 55 09.0
SKR	comp=Z,70nm,1.0s,mb5.5	pmx	
SKR	comp=Z,70nm,1.0s,mb5.5	pmx	
SKR	comp=Z,70nm,1.0s,mb5.5	smx	
SKR	comp=E,800nm,12.0s	MLR	MLR
VLA	comp=Z,900nm,18.0s,MS5.1	MLR	MLR
VLA	Vladivostok 73.46 332 i/P	P	11 45 24.0 +1.0
VLA	comp=Z,21nm,0.8s,mb5.1,baz=148,slow=9.5,SNR=3.7	i/PPP	11 45 30.0
VLA	comp=Z,21nm,0.8s,mb5.1,baz=148,slow=9.5,SNR=3.7	S	11 49 42.0 -1.3
VLA	comp=Z,41m,9.0s	i/S	11 54 46.0 +4.2
VLA	comp=N,500nm,6.0s	pmx	
VLA	comp=N,600nm,7.0s	smx	
VLA	comp=Z,500nm,6.0s	smx	
WHN	Wuhan 74.33 313 eP	P	11 45 19.0 0.0
SMY	Shemaya 74.61 3 PFAKE	LR	11 45 30.0 +1.0
FX1	Attu Island-F 74.72 2 P	P	11 45 21.5 +0.7
FX1	Attu Island-F 74.72 2 P	P	11 45 21.5 +0.7
PET	Petropavlovsk 75.36 353 eP	P	11 45 19.0 -5.5
PET	comp=Z,28nm,1.4s,mb5.0	pmx	11 45 35.2
PET	comp=Z,500nm,6.4s	pmx	
PET	comp=Z,100nm,11.1s	pmx	
PET	comp=Z,22nm,1.3s,mb4.9	pmx	
PET	comp=Z,300nm,18.0s,MS4.6	MLR	MLR
MDJ	Mudanjiang 75.65 332 P	P	11 45 26.8 +0.5
MDJ	comp=Z,59nm,1.5s,mb5.3	AP	11 45 29.9 +0.4
MDJ	comp=Z,59nm,1.5s,mb5.3	XP	11 45 31.3 +0.7
MDJ	comp=Z,59nm,1.5s,mb5.3	S	11 55 10.5 +4.3
MDJ	comp=Z,59nm,1.5s,mb5.3	XS	11 55 15.4
MDJ	comp=Z,310nm,6.3s	AMB	AMB
MDJ	comp=N,291nm,17.8s,MS4.7	LR	LR
MDJ	comp=E,175nm,19.0s,MS4.7	LR	LR
MDJ	comp=Z,468nm,20.3s,MS4.8	LR	LR
MDJ	Mudanjiang 75.65 332 eP	P	11 45 26.4 +0.1
MAW	Mawson 75.85 202 eP	P	11 45 27.4 +0.4
MAW	comp=Z,14nm,1.4s,mb4.7	P	
MAW	Mawson 75.85 202 P	P	11 45 27.3 +0.3
MAW	comp=Z,9.5nm,0.8s,mb4.8,baz=112,slow=7.7,SNR=20	LR	12 14 36.7
MAW	comp=Z,632nm,20.1s,MS4.9,baz=95,slow=32	LR	
SNY	Shenyang 76.39 327 i/P	P	11 45 30.5 0.0
SNY	comp=Z,270nm,7.1s	S	11 55 17.3 +3.0
SNY	comp=N,440nm,16.2s	AMB	AMB
SNY	comp=Z,350nm,14.9s,MS4.8	LR	LR
CN2	Changchun 76.92 329 eP	P	11 45 33.9 +0.4
CN2	comp=Z,50nm,1.4s,mb5.2	eS	11 55 20.5 +0.4
CN2	comp=Z,200nm,3.0s	AMB	AMB
GYA	Guiyang 77.52 305 i/P	P	11 45 38.1 +1.0
GYA	comp=Z,300nm,6.9s	AP	11 45 46.4 +6.1
GYA	comp=Z,300nm,6.9s	XP	11 45 49.6 +8.2
GYA	comp=Z,300nm,6.9s	S	11 55 28.9 +2.0
GYA	comp=N,310nm,15.4s,MS4.8	AMB	AMB
GYA	comp=N,180nm,15.0s,MS4.8	LR	LR
GYA	comp=Z,240nm,15.6s,MS4.6	LR	LR
ENH	Enshi 77.55 310 P	P	11 45 37.6 +0.4
ENH	comp=Z,104nm,1.7s,mb5.5	LR	LR
KLR	Kul'dur 78.47 336 eP	P	11 45 42.2 +0.3
KLR	comp=N,40nm,2.0s	S	11 55 30.0 -6.8
KLR	comp=E,50nm,2.0s	pmx	pmx
KLR	comp=Z,72nm,2.0s,mb5.3	pmx	pmx
KLR	comp=Z,700nm,7.5s	pmx	pmx
BJT	Baijiatuu 79.18 321 eP	P	11 45 46.7 +0.8
BJT	comp=Z,168nm,2.1s,mb5.6	LR	LR
BJT	comp=Z,364nm,19.0s,MS4.7	LR	LR
BJT	Beijing 79.19 321 P	P	11 45 46.8 +0.8
BJT	comp=Z,33nm,1.5s,mb5.0	AP	11 45 50.1 +0.9
BJT	comp=Z,33nm,1.5s,mb5.0	S	11 55 50.3 +5.8
BJT	comp=Z,756nm,7.0s	AMB	AMB
BJT	comp=N,232nm,19.1s,MS4.8	LR	LR
BJT	comp=E,386nm,19.0s,MS4.8	LR	LR
BJT	comp=Z,258nm,20.0s,MS4.6	LR	LR
CMAR	Chiang Mai Arr 79.75 295 P	P	11 45 50.6 +1.1
CMAR	Chiang Mai Arr 79.75 295 P	P	11 45 50.6 +1.1
CMAR	comp=Z,2.3nm,0.7s,mb4.2,baz=126,slow=4.0,SNR=18	pmx	pmx
CMAR	comp=Z,2.0nm,0.7s	pmx	pmx
KMI	Kunming 79.85 302 eP	P	11 45 50.6 +0.8
KMI	comp=Z,481nm,5.4s	PP	11 48 50.8 -2.1
KMI	comp=N,283nm,20.3s,MS4.9	S	11 55 52.6 +0.9
KMI	comp=N,283nm,20.3s,MS4.9	AMB	AMB
KMI	comp=N,283nm,20.3s,MS4.9	LR	LR
KMI	comp=E,507nm,20.3s,MS4.9	LR	LR
KMI	comp=Z,344nm,16.1s,MS4.8	LR	LR
TIV	Taiyuan 79.98 318 PR	P	11 45 51.0
TIV	comp=N,220nm,15.0s	S	11 55 56.0 +3.2
TIV	comp=Z,452nm,16.0s,MS4.9	LR	LR
XAN	Xi'an 80.09 313 P	P	11 45 51.8 +0.8
CD2	Chengdu 82.03 308 P	P	11 46 02.6 +1.4
SYO	Syowa Base 82.25 196 i/P	P	11 46 02.1 -0.4
SYO	Syowa Base 82.25 196 i/P	P	11 46 04.7 -0.1
SYO	Syowa Base 82.25 196 i/P	P	11 46 08.6 +1.1
SYO	Syowa Base 82.25 196 i/P	P	11 51 24.4
HHC	Hu-ho-hao-tie 82.43 320 eP	P	11 46 03.9 +0.8
HHC	comp=Z,279nm,19.0s,MS5.2	AP	11 46 07.8 +1.5
HHC	comp=Z,279nm,19.0s,MS5.2	XP	11 46 14.4 +7.1
HHC	comp=Z,279nm,19.0s,MS5.2	S	11 56 19.9 +1.9
HHC	comp=Z,279nm,19.0s,MS5.2	XS	11 56 25.6
HHC	comp=Z,45nm,1.9s,mb5.1	AMB	AMB
HHC	comp=Z,45nm,1.9s,mb5.1	AMB	AMB

HHC	comp=Z,271nm,7.3s	LR	LR
HHC	comp=N,142nm,17.2s,MS4.5	LR	LR
HHC	comp=E,139nm,19.0s,MS4.5	LR	LR
HHC	comp=Z,201nm,17.8s,MS4.5	LR	LR
BTO	Batou 83.22 319 eP	P	11 46 08.3 +1.1
HIA	Hailar 83.60 330 LR	PFAKE	11 46 20.0 +1.1
HIA	comp=Z,372nm,20.0s,MS4.8	LR	LR
LZH	Lanzhou 84.69 312 i/P	P	11 46 16.1 +1.3
LZH	comp=Z,81nm,1.4s,mb5.7	PP	11 46 19.5 +1.5
LZH	comp=Z,81nm,1.4s,mb5.7	PP	11 46 34.4 +1.9
LZH	comp=Z,81nm,1.4s,mb5.7	SKS	11 56 37.2 +2.9
LZH	comp=Z,81nm,1.4s,mb5.7	eS	11 56 43.6 +2.8
LZH	comp=Z,81nm,1.4s,mb5.7	XS	11 56 51.5
LZH	comp=Z,81nm,1.4s,mb5.7	AMB	AMB
LZH	comp=Z,15nm,5.4s	AMB	AMB
LZH	comp=N,795nm,14.3s	LR	LR
LZH	comp=Z,1um,18.2s,MS5.3	LR	LR
KDAK	Kodiak Island 85.67 19 PFAKE	LR	11 46 30.0 +1.1
KDAK	comp=Z,159nm,20.0s,MS4.4	LR	LR
SEY	Seymchan 85.78 352 eP	P	11 46 21.5 +2.0
SEY	comp=Z,50nm,1.5s,mb5.5	eS	11 56 43.1 -7.7
SEY	comp=Z,50nm,1.5s,mb5.5	SS	11 57 42.9
SEY	comp=N,900nm,20.6s	smx	smx
SEY	comp=Z,50nm,1.5s,mb5.5	smx	smx
NVL	N'zareevskaya 86.06 187i eP	P	11 46 17.0 -3.8
NVL	comp=Z,364nm,3.3s	pmx	pmx
SNA	Sanae 86.34 182 eP	P	11 46 22.0 -0.1
SNA	Sanae 86.34 182 eP	P	11 46 23.2 +1.1
SNA	Sanae 86.34 182 i/P	P	11 46 19.4 -2.7
SNA	Sanae 86.34 182 i/P	AP	11 46 28.7 -0.9
SNA	Sanae 86.34 182 i/P	e	11 46 23.2 -2.2
SNA	Sanae 86.34 182 i/P	e	11 49 42.3
VNA2	Neumayer-Watz 87.22 181 eP	P	11 46 28.7 +2.3
VNA2	Neumayer-Watz 87.22 181 eP	P	11 46 29.8 +3.4
VNA2	Neumayer-Watz 87.22 181 eP	P	11 46 26.0 -0.4
VNA2	Neumayer-Watz 87.22 181 eP	i/P	11 46 28.7 -0.9
VNA2	Neumayer-Watz 87.22 181 eP	MLR	11 46 29.8 +0.2
VNA2	Neumayer-Watz 87.22 181 eP	e	11 49 49.1
VNA1	Neumayer-Stat 87.51 181 eP	P	11 46 30.9 +3.1
VNA1	Neumayer-Stat 87.51 181 eP	P	11 46 31.7 +3.9
VNA1	Neumayer-Stat 87.51 181 eP	i/P	11 46 27.9 +0.1
VNA1	Neumayer-Stat 87.51 181 eP	P	11 46 30.9 -0.1
VNA1	Neumayer-Stat 87.51 181 eP	P	11 46 31.7 +0.7
SVW	Sparrevohn 87.59 16 eP	P	11 46 29.1 +0.7
SAO	San Andreas Ge 87.62 49 eP	P	11 46 27.8 -1.4
HOPS	Hopland 87.63 46 eP	P	11 46 29.4 +0.2
HOPS	comp=Z,32nm,1.1s,mb5.5	LR	LR
HOPS	comp=Z,584nm,20.0s,MS5.0	LR	LR
NSHM	Saint Helena 87.70 47 eP	P	11 46 29.5 0.0
LRV	Little Rabbit 87.75 49 P	P	11 46 28.7 -1.1
RSO	Redoubt South 87.82 18 eP	P	11 46 28.1 -1.4
SLKM	Shikhar Lake 8		

21d 11h

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

2004 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRVK, LRAL, MYNC, DWPE, ACCO, etc.

456

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BEO, PAIG, KNT, JARS, etc.

Table with columns: STA, Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like GAOTAI, MAJOU, SONMI, etc.

Table with columns: STATION, Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like FINES, ARCES, YKA, etc.

Table with columns: STATION, Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like POLP, GOP, PVP, etc.

Table with columns: STATION, Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like ILAR, INK, INK, etc.

IDC 21 23:23:45.1, 0.6, 56.27S, 26.63W, h100km, 5km, mb4.3/8, mb1.4/3.9, mb1m4.2/14. MS3.3/6, M5.1 3.3/6, ms17m3.2/17, Error ellipse: s-maj=19.1km s-min=13.9km az=54.0

NEIC 21 23:23:45.8, 1.8, 56.29S, 26.66W, h109km, 17km, mb4.8/21, Error ellipse: s-maj=8.9km s-min=7.0km az=160

ISC 21 23:23:41.8, 3.9, 56.25S, 0.08, 26.6W, 0.1, h86km, 37km, n54, e093/42, mb4.8/22, 9C-2D, South Sandwich Islands region

MOS 21 23:53:50.2, 1.3, 51.76N, 91.75E, h15km, mb4.1/5, Error ellipse: s-maj=16.0km s-min=12.2km az=87.8

IDC 21 23:53:51.5, 1.1, 52.00N, 91.35E, mb3.9/6, mb1.3/9.9, mb1mx3.7/22, ML3.6/3, Error ellipse: s-maj=21.7km s-min=13.7km az=147.0

NEIC 21 23:53:56.1, 2.5, 51.81N, 91.39E, h49km, 15km, mb3.9/3, Error ellipse: s-maj=15.3km s-min=7.9km az=188.0

NNC 21 23:53:57.1, 4.3, 51.87N, 90.49E, mpv3.7, Error ellipse: s-maj=38.5km s-min=25.2km az=110.0

ISC 21 23:53:51.0, 0.4, 51.93N, 0.04, 91.28E, 0.06, h15km, n40, e1109/50, mb4.1/11, 8C, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like VN1A, VN1B, VN2A, etc.

Table with columns: Code, Station Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like CERR, CERR, CERR, etc.

IDC 21 23:57:25.2, 0.9, 29.92N, 139.34E, h299km, 8km, mb3.6/20, mb1.3/8.2/4, mb1mx3.7/29, Error ellipse: s-maj=13.3km s-min=9.2km az=96.0

JMA 21 23:57:26.2, 0.2, 29.93N, 139.80E, h319km, M4.2, NEIC 21 23:57:27.4, 1.1, 29.95N, 139.34E, h322km, 10km, mb4.1/19, Error ellipse: s-maj=12.2km s-min=9.5km az=120.0

ISC 21 23:57:24.6, 0.4, 29.86N, 0.04, 139.45E, 0.07, h308km, 3km, n65, e114/74, mb3.9/33, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, P, S, T, R, I, L, R, S, I, S, C, I, S, C. Includes stations like JUJ2, JUJ2, JUJ, etc.

STR 22 03:59:17.3, 0.2, 44.42N, 6.83E, h5km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 22 03:59:17.4, 0.1, 44.42N, 6.82E, h2km, M2.0/4, M12.0/7, Error ellipse: s-maj=2.0km s-min=1.0km az=71.0

ISC 22 03:59:16.2, 0.4, 44.41N, 0.02, 6.79E, 0.04, h1km, 1km, 4km, n14, c0569/28, France

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like SURF Saint Ours, MBDF Montbardon, TOUF Mont Tournera, etc.

IDC 22 04:13:10.6, 1.1, 14.76S, 167.11E, mb4.2/9, mb1 4.3/9, mb1mx4.2/16, Error ellipse: s-maj=34.9km s-min=24.1km

NEIC 22 04:13:12.8, 0.7, 14.78S, 167.05E, h10km, mb4.4/5, Error ellipse: s-maj=25.6km s-min=16.4km az=149.0

ISC 22 04:13:12.5, 1.0, 14.55S, 0.2, 166.7E, 0.2, h10km, m20, c0598/18, mb4.2/11, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 22 04:14:44.7, 18.0, 23.89S, 175.88W, mb4.5/5, mb1 4.7/5, mb1mx4.1/17, Error ellipse: s-maj=338.0km

s-min=126.2km az=83.0, Tonga Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 22 04:34:48.9, 1.7, 0.40N, 126.06E, mb3.7/4, mb1 3.9/4, mb1mx3.6/15, MS3.7/1, Ms1 3.7/1, ms1mx2.6/18, Error ellipse: s-maj=177.0km s-min=22.9km az=64.0,

Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JOW Kungiami, etc.

BUI 22 04:54:08.0, 0.9, 40N, 78.60W, h74km, mb4.9, Ms4.6, Ms4.4

IDC 22 04:54:09.0, 0.4, 9.38N, 78.62W, h73km, 2km, mb4.1/18, mb1 4.3/21, mb1mx4.3/24, MS3.4/9, Ms1 3.4/9, ms1mx3.3/20, Error ellipse: s-maj=13.4km s-min=8.1km

az=51.0

NEIC 22 04:54:09.1, 0.2, 9.35N, 78.57W, mb4.7/31, Error ellipse: s-maj=5.1km s-min=3.9km az=221.0

NEIC Felt in Cocol, Colon, Darien, Panama and San Blas, CASC 22 04:54:12.9, 1.8, 9.36N, 78.68W, h68km, 17km, MD4.7, ML4.5, MW4.8, mb4.7 (NEIC), Fault plane solution: NFP1: s=242, p=85, t=35, 53, 1, 63, 95

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like UPA Univ. de Panam, AZU Azuero, CNI Changuinola, etc.

ROSC bazz=52, slow=23, SNR=5.4

JTS JuntasAbangare 6.34 279 P 04 55 41.2 +0.4

JTS 23nm, 0.3s, bazz=337, slow=21, SNR=5.5

JTS JuntasAbangare 6.34 279 EP 04 55 40.6 -0.2

VCR Vista de Mar 6.98 277 EP 04 55 52.3 +2.5

CON Conception 7.26 288 EP 04 55 53.2 -0.3

APON Apoyo 7.87 93 EP 04 56 00.5 -1.4

SDV Santo Domingo 7.89 291 EP 04 56 02.6 +0.5

COFN Cofrada 7.89 291 EP 04 56 04.0 +0.8

TICN Tiquiente 7.96 290 EP 04 56 13.2 -0.4

WILM Americas 2 7.96 291 EP 04 56 03.3 -0.1

PYTN Playitas 7.98 294 EP 04 57 30.9 -2.1

MGAN Managua 8.02 291 EP 04 56 03.9 0.0

MGAN Managua 8.02 291 EP 04 56 04.0 0.0

MGAN Managua 8.02 291 EP 04 56 04.1 0.0

MGAN Managua 8.02 291 EP 04 56 04.2 0.0

MGAN Managua 8.02 291 EP 04 56 04.3 0.0

MGAN Managua 8.02 291 EP 04 56 04.4 0.0

MGAN Managua 8.02 291 EP 04 56 04.5 0.0

MGAN Managua 8.02 291 EP 04 56 04.6 0.0

MGAN Managua 8.02 291 EP 04 56 04.7 0.0

MGAN Managua 8.02 291 EP 04 56 04.8 0.0

MGAN Managua 8.02 291 EP 04 56 04.9 0.0

MGAN Managua 8.02 291 EP 04 56 05.0 0.0

MGAN Managua 8.02 291 EP 04 56 05.1 0.0

MGAN Managua 8.02 291 EP 04 56 05.2 0.0

MGAN Managua 8.02 291 EP 04 56 05.3 0.0

MGAN Managua 8.02 291 EP 04 56 05.4 0.0

MGAN Managua 8.02 291 EP 04 56 05.5 0.0

MGAN Managua 8.02 291 EP 04 56 05.6 0.0

MGAN Managua 8.02 291 EP 04 56 05.7 0.0

MGAN Managua 8.02 291 EP 04 56 05.8 0.0

MGAN Managua 8.02 291 EP 04 56 05.9 0.0

MGAN Managua 8.02 291 EP 04 56 06.0 0.0

MGAN Managua 8.02 291 EP 04 56 06.1 0.0

MGAN Managua 8.02 291 EP 04 56 06.2 0.0

MGAN Managua 8.02 291 EP 04 56 06.3 0.0

MGAN Managua 8.02 291 EP 04 56 06.4 0.0

comp=E, 3.6nm, 0.6s, mb4.4, bazz=189, slow=9.1, SNR=8.8

SADO comp=E, 9.4nm, 0.7s, bazz=207, slow=8.2, SNR=4.6

ANMO Albuquerque 36.02 319 EP 05 01 03.6 -0.5

LAZ Ladron 36.13 318 EP 05 01 04.8 -0.2

TUC Tucsun 37.24 324 EP 05 01 14.6 +0.3

SDCO comp=E, 3.4nm, 1.2s, mb4.8

ISCO Idaho Springs 38.71 326 EP 05 01 26.8 +0.3

ISBO comp=E, 5.9nm, 1.1s, mb4.3, bazz=283, slow=11.1, SNR=6.4

BDFB Brasilia 39.17 129 EP 05 01 52.0 -0.1

PV01 Paradox Valley 39.33 322 EP 05 01 32.2 +0.6

PV01 Paradox Valley 39.33 322 EP 05 01 32.2 +0.6

WUAZ Wupatki 39.62 316 EP 05 01 34.5 +0.4

WUAZ comp=E, 1.4nm, 1.0s, mb4.7

PV01 Paradox Valley 39.77 321 EP 05 02 00.1 -0.2

PV01 Paradox Valley 39.77 321 EP 05 02 00.1 -0.2

RSSD Black Hills 41.06 332 EP 05 01 46.2 +0.3

SRU San Rafael 41.13 321 EP 05 01 46.7 +0.2

SRU San Rafael 41.13 321 EP 05 01 46.7 +0.2

MSU Marysvale 41.82 319 EP 05 02 11.1 +0.7

MSU Marysvale 41.82 319 EP 05 02 11.1 +0.7

LDFC Landfair 42.02 313 EP 05 01 54.1 +0.2

NEN Nelson 42.02 314 EP 05 01 54.9 +0.3

NEN Nelson 42.02 314 EP 05 01 54.9 +0.3

Pinyon Flat Ob 42.33 310 EP 05 01 56.1 -0.4

MPU Maple Canyon 42.37 322 EP 05 01 56.0 -0.7

MPU Maple Canyon 42.37 322 EP 05 01 56.0 -0.7

DAU Daniels Canyon 42.38 322 EP 05 01 57.2 +0.5

JLU Jordanelle 42.61 322 EP 05 02 18.5 -0.1

JLU Jordanelle 42.61 322 EP 05 02 18.5 -0.1

CTU Camp Tracy 42.84 322 EP 05 02 00.8 +0.3

CTU Camp Tracy 42.84 322 EP 05 02 00.8 +0.3

TOONE Toone Canyon 42.90 323 EP 05 02 00.8 -0.2

BW06 Boulder Array 42.90 326 EP 05 02 00.7 -0.3

PDAR Pinedale Array 42.90 326 P 05 02 01.4 +0.4

PDAR comp=E, 3.4nm, 0.8s, mb4.1, bazz=125, slow=9.5, SNR=33.3

PDAR comp=E, 2.0nm, 0.6s, bazz=129, slow=11, SNR=6.5

PDAR comp=E, 7.0nm, 0.8s, bazz=131, slow=8, SNR=14

DUG Dugway 43.20 321 EP 05 02 27.3 -0.5

DUG Dugway 43.20 321 EP 05 02 27.3 -0.5

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Lac du Bonnet 43.20 344 EP 05 02 29.9 -0.3

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ROSF, QUIF, SGMP, SJPF, GRR, FLN, MFF, EPF, LFF, RJF, RJF, CAF, TCF, MTLF, BVF, AGF, SSF, SMF, LOR, LOR, LASF, BAIF, GIVF, VIVF, MEZF, WLF, WLF, ORIF, ORIF, CABF, HINF, LFG, FRF, CDF, NOA, NOA, GRA1, WET, KHC, KHC, KHC, GEC2, GERES, GERES, ARCES, ARCES, ARCES, FINES, FINES, FINES, VNA1, SNA, SNA, SNA, QSPA, MKAR, MKAR, CN2, SONM, WMQ, WMQ, WMQ, LZH, LZH, LZH, LZH, SSE, KMI, KMI, ASAR, ASAR, WRA, WRA, WRA, CMAR, CMAR.

Table with columns: GUN, PKI, PMG, KKN, DMN, SONM, GKN, WRA, ASAR, MKAR. Includes station names like Gumba, Pulchoki, Port Moresby, Kakani, Damai, Sogingo Array, Gorkha, Warramunga Arr, Malchongi Array, Stephens Creek.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WHZ, WHZ, WLZ, TLZ, AXZ, AXZ, WKZ, WKZ, JJC, JJC, ODZ, ODZ.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JAT, JAT, JAT, TP2, TP2, TP2, FUG, IXX, IXX, IXX, CUSS, CUSS, RBDL, RBDL, RTR, RTR, MRL, MRL, MRL, SBL, SBL, SBL, SNJE, SNJE.

IDC 22 06:42:58.0, 7.2, 0.03N, 97.16E, mb4.0/12, mb4.1/13, mb1mx4.0/18, ML4.0/1, MS3.5/1, Ms1 3.7/1, ms1mx2.7/27, Error ellipse: s-maj=38.9km s-min=14.7km az=58.0, NEIC 22 06:43:08.4, 3.2, 1.6N, 97.44E, h78km, 28km, mb4.6/5, Error ellipse: s-maj=32.9km s-min=7.8km az=57.0, ISC 22 06:43:08.4, 5.1, 2.2N, 0.2, 97.5E, 0.3, h91km, 42km, n24, 0.812/22, mb4.0/15, 1D, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IPM, IPM, CMAR, KAKA, WRA, WRA, WRA, WB2, WB2, ASAR, ASAR, FOR, FOR, SONM, SONM, SONM, MKAR, MKAR, MKAR, KURK, KURK, ZAL, ZAL, STKA, STKA, STKA, BVAR, BRTR, FINES, FINES, FINES, ARCES, ARCES, ARCES, VANDA, VANDA, TXAR, CPUP.

IDC 22 07:01:43.6, 0.9, 3.32S, 134.40E, mb4.0/7, mb1 4.2/9, mb1mx4.1/15, ML3.9/2, Error ellipse: s-maj=51.9km s-min=19.9km az=69.0, NEIC 22 07:01:46.8, 0.6, 3.47S, 134.14E, h20km, mb4.0/6, Error ellipse: s-maj=21.5km s-min=10.6km az=76.0, ISC 22 07:01:49.2, 2.4, 3.78S, 0.08, 133.9E, 1.1, h50km, 22km, n20, 0.137/27, mb3.9/6, Irian Jaya region

Table with columns: KAKA, WRAB, WRAB, WB2, WRA, WRA, WRA, FITZ, FITZ, FITZ, FITZ, ASAR, ASAR, ASAR, ASPA, CTA, CTA, CTA, CMAR, CMAR, CMAR, VANDA, VANDA, BVAR, BRVK, ILAR, CPUP. Includes station names like Tennant Creek, Warramunga Arr, Fitzroy Crossi, Alice Springs, Charters Tower, Chiang Mai Arr, Malchongi Array, Stephens Creek, Borovoye Array, Eielson Array, Villu Florida.

IDC 22 07:41:51.1, 2.0, 4.03S, 140.75E, mb3.7/4, mb1 3.9/5, mb1mx3.7/12, ML4.0/1, MS3.8/1, Ms1 3.8/1, ms1mx2.8/21, Error ellipse: s-maj=60.3km s-min=23.2km az=92.0, NEIC 22 07:41:53.8, 1.8, 4.12S, 140.36E, h10km, mb3.8/1, Error ellipse: s-maj=45.1km s-min=20.8km az=94.0, ISC 22 07:41:49.4, 1.9, 4.15S, 0.1, 141.1E, 0.3, h10km, n10, 0.678/10, mb3.7/2, MS3.8/1, New Guinea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KAKA, WRAB, WRAB, WRA, WRA, FITZ, FITZ, ASAR, ASAR, STKA, STKA, JOW, MKAR, MKAR, MKAR.

IDC 22 07:43:04.3, 5.7, 7.93S, 120.00E, h200km, 59km, mb3.3/2, mb1 3.3/4, mb1mx3.1/6, Error ellipse: s-maj=155.0km s-min=44.5km az=41.0, Flores Sea

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

IDC 22 07:44:11.8, 11.0, 21.40S, 178.52W, h46km, 107km, mb3.3/5, mb1 3.4/6, mb1mx3.2/17, Error ellipse: s-maj=108.0km s-min=35.9km az=26.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ, CTA, STKA, ASAR, WRA, FITZ, NOA, AKASA.

IDC 22 07:44:36.9, 11.0, 10.13N, 126.01E, h70km, 104km, mb3.6/10, mb1 3.8/10, mb1mx3.6/19, MS3.0/2, Ms1 3.1/2, ms1mx2.6/31, Error ellipse: s-maj=61.0km s-min=18.9km az=69.0, NEIC 22 07:44:37.9, 0.5, 10.12N, 125.99E, h80km, Error ellipse: s-maj=40.5km s-min=10.0km az=74.0, ISC 22 07:44:35.6, 0.9, 10.12N, 0.05, 126.07E, 0.08, h75km, 9km, n27, 0.976/30, mb3.8/10, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSLP, MSLP, BUTP, PLP, PLP, BESE, BESE, OCLP, LLLP, LLLP, TBP, TBP, TBP, MUSAN, CNP, GUIM, PAGZ, PAGZ, RCP, RCP, RCP, CMAR, FITZ, WRA, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include ASAR Alice Springs, STKA Stephens Creek, MKAR Makanechi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include GUC Mendozia Province, FCH Farellones, RBLD Cerro Calan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include DJA 22 08:03:50.4, 0.9, 8.10S, 118.52E, ISC 22 08:03:51.6, 1.6, 8.55S, 0.4, 118.4E, etc.

IDC 22 08:16:34.5, 9.0, 24.31S, 179.87W, h486km, 90km, mb3.3/6, mb1 3.5/7, mb1mx3.3/16, Error ellipse: s-maj=66.6km s-min=22.7km az=40.0

NEIC 22 08:16:35.4, 5.2, 24.33S, 179.91W, h498km, 43km, mb4.4/5, Error ellipse: s-maj=46.5km s-min=15.6km az=220.0

ISC 22 08:32.3, 4.3, 24.15S, 179.8W, 0.2, h488km, 52km, n22, 0, 48/17, mb3.8/7, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include URZ Urewera, URZ South Karori, RPZ Rata Peaks, CTA Charters Tower, etc.

IDC 22 08:22:52.1, 11.0, 6.05N, 127.31E, h116km, 103km, mb3.8/9, mb1 3.9/9, mb1mx3.8/19, Error ellipse: s-maj=102.0km s-min=19.2km az=71.0

NEIC 22 08:22:55.7, 4.9, 5.98N, 127.18E, h148km, 47km, mb4.4/4, Error ellipse: s-maj=64.8km s-min=11.8km az=271.0

MAN 22 08:22:56.9, 6.2, 39N, 127.02E, h133km, mb4.6, ML3.4, MS3.4

ISC 22 08:22:52.8, 1.2, 5.98N, 127.1E, 0.2, h136km, 10km, n23, 0, 57/10, mb3.9/10, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include MATI Mati, GATI General Santos, KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include BVAR Borovoye Array, BRVK Borovoye, VNSA Vanda, etc.

CASC 22 08:26:32.7, 4.8, 13.35N, 90.22W, h26km, 11km, MD3.7, ML3.9, 4C-14D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include CUSS Cusmapa, SBL SBL, RTR El Retiro, etc.

NIED 22 08:02:40.43, 40N, 145.10E, h92km, Mw4.1 Best doublet: M1.34x10.15, NP1.39x189, 0.78, 1.91E, NP2.03x3, 0.82, 1.85E

NEIC 22 08:28:18.5, 1.8, 43.47N, 144.98E, h79km, 17km, mb3.9/3, Error ellipse: s-maj=12.1km s-min=10.8km az=127.0

NEIC Recorded [1 JMA] in eastern Hokkaido. MOS 22 08:28:19.3, 0.8, 43.49N, 145.00E, h107km, mb3.9/6, Error ellipse: s-maj=24.0km s-min=15.4km az=93.4

JMA 22 08:28:20.1, 0.1, 43.39N, 145.07E, h91km, Mw4.0 Broadband fault plane solution: P waves: NP1.34x7, 0.86, 1.94E; NP2.2x2, 0.86, 1.94E; Principal axes: T P1g49, Azm130, N P1g4, Azm35; P P1g41, Azm301;

JMA Fell II J1, IDC 22 08:28:22.5, 1.5, 43.51N, 144.89E, h114km, 13km, mb3.6/17, mb1 3.8/17, mb1mx3.7/24 Error ellipse: s-maj=17.2km s-min=14.0km az=143.0

ISC 22 08:28:19.0, 0.3, 43.39N, 145.04E, 0.04, h99km, 22km, n45, 0, 86/58, mb3.8/19, 9C-1D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include JNK Nakash, JNK Akkeshi, JAK Nemuro, etc.

JAR Ashorobito, JTR Abashiri-Toko, JTR Onbets, etc.

JMP Maruseppu, JCH Chirui, JCH Kamakawa 2, etc.

ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include FX1 Attu Island-F, SOMN Songoing Array, ILAR Eielson Array, etc.

INX Inuvik, INK Inuvik, INK Inuvik, etc.

BVAR Borovoye Array, WRA Warramunga Arr, FINES FINESS Array B, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Fontmartina, Les Avellanés, Organya, Bruguera, Sort, Livia, Graus, Caprasio, Mosqueruela, Fillols, La Jonquera, Salau, Peyrat, Melles, Ens, Ibiza, Vief, Esparrós, Labassere, Montoliu, Etsaut, Beniarda, Etor, Larrau, Ordiarp, Ste Jean, Ossees, Alkurruntz, Tobarra, Calviac, Frestale, Simiane la Rot, Les Rejaudoux, Lanetos, La Moure, Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sonseca Array, Adamuz, Adamuz, Bois d'Agland, Saint Martin d, Pioggiola, Signal de Mont, La Plagne, Avril sur Loir, Saint Sault, Braganca, Calabor, Lorlormes, La Rua, Pontenova, Manteigas, Badajoz, Castelo Branco, Vila Real, Pvis, Gorrion, Quistinic, Saint Gilles, La Foliniere, Rostrenen, Givet, Varto, Agrt, Van, Van, Erzurum, Erzurum, Besiri, Bingol, Kars, Hakkari, Diyarbakir, Elazig, Kelkit, Malataya, Malataya.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Iwakimizuishiy, Kawouchi, Chochi, Hitachi, Marumori, Otama, Ouri, Boso, Yanaizu, Ashikaga, Ichinoseki, Kaneyama, Ohasama, Ryogami san, Odawara, Jim2, Matushiro, Matushiro, Hachijo jima 2, Asahikawa, Chichi jima, Nakatsu, Yuzh-Sakhalin, Chul'man, Nanjing, Wunu Array Si, Muanjiang, Kuldur, Sheshan, Baijiatou, Chul'man, Wuhuan, Hu-ho-hao-te.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KUDL, JASL, SONA, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, MOX, MOX, etc.

Table of astronomical observations for 22d 23h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2004 AUG, listing station names, coordinates, and observation times.

Table of astronomical observations for 2004 AUG, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like NORSA Array B, GERES Array B, etc.

MAN 23 00:55:26.9, 13.69N; 120.54E, h88km, mb4.3, ML3.1, MS2.9

ICD 23 00:55:26.8-0.8, 13.76N; 121.08E, h104km, 8km, mb3.6/3, mb1.3/8/3, mb1mx3/3/18, Error ellipse: s-maj=22.7km

s-min=12.0km az=158.0, ISC 23 00:55:25.7-0.6, 13.70N; 0.04-120.56E-0.07, h110km, 5km, n16, o#58/23, mb3.9/3, 4D-2D, Mindoro

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like LUBP Lubang, TGAY Tagaytay City, etc.

ICD 23 00:57:12.0-0.6, 24.87S; 133.62W, mb4.3/18, mb1.4/4/18, mb1mx4/4/21, MS4.7/20, Ms1-4, 7/20, ms1mx4/6/24, Error ellipse: s-maj=18.2km s-min=15.0km az=145.0

BJJ 23 00:57:13.0, 25.00S; 133.70W, h10km, mb5.3, Ms5.4, Ms5.1

MOS 23 00:57:13.8-2.4, 25.25S; 133.86W, h10km, mb4.6/13, MS4.6/6, Error ellipse: s-maj=23.5km s-min=14.3km az=64.1

HRVD 23 00:57:14.0-0.2, 24.97S; 133.58W, h12km, MW5.4/6/5, Centroid moment Tensor Solution. LP body waves: s66, c102; Mantle waves: s65, c134; Half duration: 193

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like RCBR Riachuelo, TSUM Tsumeb, etc.

Main table with columns: SUR, Sutherland, 31.19 112 eP, P, 01 03 30.7 -3.7. Includes stations like Lamto, KIC, TIC, DBIC, etc.

Table with columns: LPL, La Plagne, 72.56 15 eP, P, 01 08 42.1 +0.1. Includes stations like BGF, SMF, AVF, etc.

Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHG Chiang Mai, etc.

Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like RPZ Rata Peaks, SDNR Sundarnagar, Urewera, etc.

Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like KSU1 Kansas State U, SCHO Schefferville, JCT Junction City, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like CAUP Cauayan, BALP Baler, BALP Baler, etc.

MAN 23 01:27:41.0, 16.43N-122.28E, h30km, mb4.4, ML3.2, MS3.0, 1D, Luzon

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like KIMD Kanaga Island, KIWB Kanaga Island, KIKV Kanaga Island, etc.

IDC 23 01:33:52.8, 8.3, 51.20N, 179.06W, h50km, mb3.4/7, mb1.3/7.8, mb1mx3.5/24, ML3.1/1.1, Error ellipse: s-maj=58.0km s-min=18.8km az=7.0

NEIC 23 01:33:53.1, 2.51, 21.24N, 179.10W, h56km, mb3.8/2, ML3.1(AEIC), Error ellipse: s-maj=27.8km s-min=6.7km az=182.0

ISC 23 01:33:49.1, 7.50, 9N, 0.2x-179.21W, 0.08, h51km, n20, e070/23, mb3.7/9, Andreanof Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like KX31 Karatay Array, KK31 3.6nm, 0.6s, baz=191, slow=17, SNR=6.3, etc.

MOS 23 01:57:52.0, 2.1, 66.30N, 142.42E, h10km, mb4.1/2, Error ellipse: s-maj=51.8km s-min=25.0km az=106.3

ISC 23 02:11:58.0±1.3, 58.3S; 0.2±2.2W; 0.5, h25km, n10, c130/8, mb4.1/4, MS3.7/1, C-ID, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, SNAAX, EFI, PLCA, etc.

IDC 23 02:41:44.4±1.4, 24.29N; 104.37E, mb3.4/3, mb1 3.8/4, mb1mx3.5/17, ML4.5/1, Error ellipse: s-maj=31.5km

BUI 23 02:41:45.0±2.4, 16N; 104.57E, h16km, mb4.3, ML3.8

NEIC 23 02:41:45.7±0.6, 24.22N; 104.28E, h10km, mb4.0/1, Error ellipse: s-maj=13.0km s-min=9.5km az=108.0

ISC 23 02:41:43.4±0.6, 24.22N; 105.104.30E; 0.05, h10km, n14, c084/19, mb3.5/4, C, Yunnan

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

IDC 23 02:49:06.6±2.0, 2.89S; 150.42E, mb3.3/3, mb1 3.7/3, mb1mx3.5/14, Error ellipse: s-maj=168.0km s-min=28.6km az=124.0, New Ireland region

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

NEIC 23 03:09:24.7±0.7, 51.56N; 6.54E, h2km, 5km, ML2.8(LDG), Error ellipse: s-maj=6.4km s-min=3.8km az=136.0

BUG 23 03:09:25.6±1.0, 51.51N; 6.67E, h1km, ML1.7

BNS 23 03:09:25.8±1.0, 51.58N; 6.65E, h1km, ML2.1

BGR 23 03:09:26.3±0.3, 51.53N; 6.63E, h1km, ML2.4/3, Error ellipse: s-maj=5.6km s-min=3.3km az=118.0

LDG 23 03:09:26.7±0.2, 51.56N; 6.53E, h1km, ML2.8/2, Error ellipse: s-maj=3.0km s-min=2.3km az=62.0, Suspected Mining Induced

ISC 23 02:46:06.6±0.4, 51.48N; 0.02±6.49E; 0.04, n43, c1935/90, 2D, Germany

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

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

THR 23 03:50:34.8±0.6, 36.63N; 44.81E, h14km, 12km, ML3.5

ISC 23 03:50:36.8±0.6, 36.32N; 0.05±44.86E; 0.07, h10km, n10, c192/15, Iran-Iraq border region

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

IDC 23 04:28:04.0±1.0, 33.76S; 72.09W, mb4.0/5, mb1 4.1/9, mb1mx4.0/18, ML4.5/4, MS3.5/5, M1 3.4/5, ms1mx3.2/20, Error ellipse: s-maj=38.2km s-min=18.2km az=90.0

NEIC 23 04:28:09.4, 33.81S; 72.33W, h46km, mb4.6/2, MD4.2(GUC), After GUC.

ISC 23 04:28:08.8±0.6, 33.81S; 0.03±72.42W; 0.06, h50km, 8km, n36, c0966/55, mb4.0/6, MS3.5/3, 14C-7D, Off coast of central Chile

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

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

ISK 23 04:47:06.0, 36.92N; 27.64E, h3km, MD3.0

NEIC 23 04:47:08.6, 36.94N; 27.74E, h36km, MD2.7(ATH), After ATH.

ATH 23 04:47:08.6, 36.94N; 27.74E, h36km, 8km, MD2.7/4

ISC 23 04:47:08.3±0.6, 36.93N; 0.03±27.71E; 0.04, h15km, 4km, n16, c082/27, Dodecanese Islands

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

IDC 23 04:56:30.0±3.6, 51.19N; 179.12W, h49km, 33km, mb3.7/13, mb1 3.9/13, mb1mx3.7/25, MS3.8/3, M1 3.8/3, ms1mx2.8/29, Error ellipse: s-maj=36.0km s-min=15.0km az=173.0

NEIC 23 04:56:30.9±1.4, 51.25N; 179.14W, h56km, 8km, mb3.8/2, ML3.4(AE(C)), Error ellipse: s-maj=22.6km s-min=11.1km az=188.0

ISC 23 04:56:28.6±1.3, 51.1N; 0.2±179.24W; 0.10, h59km, 8km, n15, c089/29, mb3.9/15, MS3.8/2, Andean Islands

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

IDC 23 04:56:28.6±1.3, 51.1N; 0.2±179.24W; 0.10, h59km, 8km, n15, c089/29, mb3.9/15, MS3.8/2, Andean Islands

ISC 23 04:56:28.6±1.3, 51.1N; 0.2±179.24W; 0.10, h59km, 8km, n15, c089/29, mb3.9/15, MS3.8/2, Andean Islands

ISC 23 04:56:28.6±1.3, 51.1N; 0.2±179.24W; 0.10, h59km, 8km, n15, c089/29, mb3.9/15, MS3.8/2, Andean Islands

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

DJA 23 05:03:06.3±1.2, 1.92S; 119.39E, h33km, MD4.5/3, ML4.8/3, 2C-4D, Error ellipse: s-maj=27.8km s-min=26.4km az=18.0, Sulawesi

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

IDC 23 05:41:27.5±8.0, 7.71S; 120.31E, h159km, 88km, mb3.6/3, mb1 3.7/5, mb1mx3.5/15, MS3.6/1, M1 3.6/1, ms1mx2.7/16, Error ellipse: s-maj=168.0km s-min=30.1km az=52.0

24x3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CRIN San Cristobal, TELN Telica, LEON Leon, MIRN Miramar, etc.

IDC 23 23:41:07.1±12.0, 18.25S, 175.36W, h172km, 115km, mb4.1/9, mb1 4.4/9, mb1mx4.0/18, Error ellipse: s-maj=57.4km s-min=24.4km az=170.0, NEIC 23 23:41:12.9±4.7, 18.37S, 175.39W, h232km, 4.4km, mb4.5/0, Error ellipse: s-maj=17.0km s-min=13.1km az=199.0, ISC 23 23:41:11.7±0.7, 18.4S, 0.1x175.4W, 0.1, h232km, n24, 0.671/21, mb4.3/12, 2C, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, CTAA Charters Tower, STKA Stephens Creek, etc.

JMA 23 23:46:36.0±0.5, 34.30N, 141.81E, h26km, 3km, M3.3, IDC 23 23:46:47.4±1.3, 33.03N, 138.38E, h8km, 3.6/3, mb1 3.7/3, mb1mx3.5/22, mb2 6/1, ms1mx2.2/28, Error ellipse: s-maj=36.2km s-min=19.3km az=101.0, ISC 23 23:46:35.6±1.7, 34.39N, 0.05x141.90E, 0.09, h21km, 12km, n16, 0.669/22, mb3.6/3, 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, BSO3 Boso, BS04 Boso, etc.

IDC 23 23:46:41.3±6.0, 5.84S, 150.84E, h59km, 52km, mb3.7/5, mb1 3.9/6, mb1mx3.7/13, ML3.7/1, MS3.4/4, Ms1 3.5/4, ms1mx3.2/15, Error ellipse: s-maj=49.8km s-min=32.8km az=109.0, NEIC 23 23:46:42.2±2.9, 5.83S, 150.83E, h68km, 25km, mb4.0/1, Error ellipse: s-maj=26.7km s-min=20.9km az=107.0, ISC 23 23:46:41.3±7.5, 5.83S, 0.2x150.75E, 0.2, h70km, 31km, n11, 0.659/10, mb3.8/5, 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, PTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, GERES GERS Array B, NEIC 24 00:16:56.7±3.5, 23.44N, 94.39E, etc.

IDC 24 00:59:5.2±0.2, 10.02S, 167.49E, mb4.3/6, mb1 4.5/6, mb1mx4.1/15, Error ellipse: s-maj=99.6km s-min=23.1km az=137.0, NEIC 24 00:51:26.5±7.0, 12.25S, 167.03E, h223km, 61km, mb4.1/4, Error ellipse: s-maj=42.8km s-min=29.5km az=131.0, ISC 24 00:51:33.1±1.9, 12.4S, 0.3x166.9E, 0.3, h300km, n13, 0.655/11, mb4.0/9, Santa Cruz Islands

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

IDC 24 01:28:56.4±11.0, 1.54S, 128.59E, mb3.6/2, mb1 3.7/3, mb1mx3.4/14, ML3.2/1, Error ellipse: s-maj=165.0km s-min=127.8km az=146.0, Halmahera

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, STKA Stephens Creek, etc.

GUC 24 01:29:13.2±0.4, 34.22S, 70.08W, h8km, 1km, MD3.7, ML2.0, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CACH El Canelo, CACH Chadas Angostu, CHCH Chichiriqui, etc.

NEIC 24 01:52:53.1±1.0, 8.43N, 75.11W, h67km, 10km, mb4.1/4, Error ellipse: s-maj=12.7km s-min=10.0km az=54.0, IDC 24 01:52:54.2±2.7, 8.39N, 75.22W, h74km, 25km, mb3.9/7, mb1 4.1/9, mb1mx3.7/21, MS3.3/6, Ms1 3.3/6, ms1mx3.1/20, Error ellipse: s-maj=27.6km s-min=16.7km az=58.0, ISC 24 01:52:51.5±1.3, 8.54N, 10.175.15W, 0.08, h60km, 15km, n27, r101/20, mb4.2/10, MS3.4/4, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like ROSC El Rosal, ROSC Cerro Calan, FCH Farellones, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SAML Sanul, LPAZ La Paz, LPAZ La Paz, FVM French Village, etc.

IDC 24 03:02:19.3±1.4, 30.36S, 177.57W, mb4.4/6, mb1 4.6/7, mb1mx4.3/17, ML3.3/1, MS3.6/2, Ms1 3.5/2, ms1mx2.9/19, Error ellipse: s-maj=45.4km s-min=24.2km az=147.0, NEIC 24 03:02:29.1±6.7, 30.78S, 177.60W, h81km, 66km, mb4.9/5, Error ellipse: s-maj=76.1km s-min=22.1km az=180.0, ISC 24 03:02:19.9±4.1, 30.51S, 0.07x177.8W, 0.2, h6km, 26km, n20, r136/18, mb4.5/8, MS3.5/2, 2D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PUZ Puketiti, PUZ Urewera, URZ Urewera, MRZ Mangatoinoka, etc.

IDC 24 03:43:38.7±44.0, 16.94S, 174.58W, mb4.1/3, mb1 4.3/3, mb1mx3.8/15, Error ellipse: s-maj=835.0km s-min=174.0km az=79.0, Tonga Islands

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.

WEL 24 03:59:16.9±0.2, 41.95S, 174.14E, h11km, 1km, ML3.7/11, Error ellipse: s-maj=1.4km s-min=1.3km az=0.0, WEL Fez in the Marlborough region, maximum reported intensity 104.3

ISC 24 03:59:15.7±0.7, 42.00S, 0.03x174.15E, 0.03, h10km, 4km, n23, 0.678/41, 3C-1D, Off east coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

Table with columns: KEDI, INGI, INGI, KELI, Station Name, Az, Phase ID, Time, Res. Includes stations like Ingas, Kelakatan.

NEIC 24 06:27:13.7, 16.52N, 94.81W, h85km, MD4.0(MEX), After MEX MEX 24 06:27:12.4, 1.6, 46.48N-94.75W, h91km, 1.4km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matias Romero, Huatulco, Tuzandepelt, Oaxaca, El Vigia, Comitan, Ciudad Serdan.

IDC 24 07:08:14.6, 2.9, 7.78S-110.24E, mb3.8/4, mb1 3.9/5, mb1mx3.8/14, ML3.1/1, Error ellipse: s-maj=180.0km s-min=23.2km az=50.0

DJA 24 07:08:28.7, 1.3, 7.03S-111.06E, h287km, 23km, MD4.7/3, ML4.7/3, Error ellipse: s-maj=251.9km s-min=54.8km az=20.0

ISC 24 07:08:31.4, 3.8, 7.5S-110.7E, 0.3, h160km, 32km, n8, c089/10, mb3.6/4, 3C-2D, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kelakatan, Rata, Kedomdong, Fitzroy Crossi, Warramunga Arr, ASAR, STKA, MKAR.

DJA 24 07:22:37.2, 0.9, 9.45S-115.99E, h58km, 12km, MD5.6/4, ML4.1/2, 6C-2D, Error ellipse: s-maj=30.8km s-min=10.3km az=3.0, South of Bali

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ingas, Rata, Kedomdong, Kelakatan, KEDI.

ISK 24 07:36:06.7, 36.93N-27.59E, h8km, MD3.3 ATH 24 07:36:06.2, 36.99N-27.89E, h79km, 5km ISC 24 07:36:07.0, 6.36, 91N-103.27, 64E, 0.04, h5km, 5km, n18, c110/28, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kayabasi, Milas, Yerkesilik, Arkhangelos, Dalyan, Samos, Cakroluk, Denizli, Karpathos, Izmir, Bornova, Apeiranthos, MANT, Elmali, AKS, ULDT.

NEIC 24 07:39:49.1, 38.27S-176.03E, h161km, After WEL, WEL 24 07:39:49.4, 38.29S-176.06E, h159km, 2km, ML4.0/6, 11C-9D, Error ellipse: s-maj=1.9km s-min=1.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Utuhina, Paeroa, Tarawera, LIRZ, EDZR, MARZ, TGRZ, MGZ, URZ, KAVZ, WTVZ, BKZ, NGZ, HNZ, CNZ, WPKZ, MYRZ, TUWZ, YSS.

Table with columns: WNVZ, MOVZ, MWZ, VZ, VRZ, KNZ, KUZ, KAU, WAZ, PUK, PUZ, TAZ, TSZ, NEZ, NFE, DAW, DFW, PFW, PWZ, PKE, PKZ, MKZ, MRZ, MRW, MSWZ, SNZ, SNZO, TUWZ, NNZ, NNZ, NNZ, GRZ, QNZ, BSWZ, THZ, THZ, KHZ, KHZ, DSZ, DSZ, LTZ, LTZ, MOZ, MOZ, WVZ, WVZ, WZ.

ISC 24 07:08:14.6, 2.9, 7.78S-110.24E, mb3.8/4, mb1 3.9/5, mb1mx3.8/14, ML3.1/1, Error ellipse: s-maj=180.0km s-min=23.2km az=50.0

DJA 24 07:08:28.7, 1.3, 7.03S-111.06E, h287km, 23km, MD4.7/3, ML4.7/3, Error ellipse: s-maj=251.9km s-min=54.8km az=20.0

ISC 24 07:08:31.4, 3.8, 7.5S-110.7E, 0.3, h160km, 32km, n8, c089/10, mb3.6/4, 3C-2D, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mangatoinoka R, Kapiti Island, Kapiti Island, Mount Morrison, Cannon Point, Cannon Point, Makara Radio, Makara Radio, Parauw Farm, Wellington, Wellington, Moikau Station, South Karori, South Karori, Tuamarina, Nelson, Nelson, Nelson, Quartz Range, Quartz Range, Blackbirch Sta, Tophouse, Tophouse, Kahutara, Kahutara, Kahutara, Denniston Nort, Denniston Nort, Lake Taylor, Lake Taylor, McQueen's Vall, McQueen's Vall, Waikaha Valley, Waikaha Valley, Otahua Downs.

NIED 24 07:42:00.42, 80N, 143.40E, h68km, Mw3.8 Best double couple: Ms: 65x10^14 NP1: 76, 874, -152. NP2: 63, 83, -18

MOS 24 07:42:38.0, 8.0, 42.76N-143.31E, h85km, mb4.1/3, Error ellipse: s-maj=16.2km s-min=16.2km az=93.8 JMA 24 07:42:40.1, 0.1, 42.77N-143.35E, h68km, 1km, M3.9

Broadband fault plane solution: P waves. NP1: 74, 863, -163. NP2: 336, 875, -28. Principal axes: T P1g8, Azm27; N P1g9, Azm130; P P1g30, Azm292; JMA Felt J1.

NEIC 24 07:42:40.8, 2.1, 42.78N-143.27E, h83km, 22km, mb4.3/1 Error ellipse: s-maj=20.0km s-min=16.4km az=216.0 IDC 24 07:42:40.1, 1.9, 42.76N-143.25E, h78km, 14km, mb3.4/8, mb1 3.7/9, mb1mx3.5/22, Error ellipse: s-maj=24.1km s-min=16.6km az=97.0

ISC 24 07:42:38.3, 0.4, 42.74N-143.41E, 0.4, h80km, 3km, n35, c075/51, mb3.6/7, 7C-4D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Churui, Onbets, Ashorobuto, Urawaka-nobuka, Furak, Erimo, Biratori 2, Akkeshi, Ashibetsu, Kamakawa 2, Maruseppu, Nakash, Abashiri-Toko, Eniwo, Asahikawa, Asahikawa, Asahikawa, Biratori 2, Akkeshi, Ashibetsu, Kamakawa 2, Maruseppu, Nakash, Abashiri-Toko, Eniwo, Asahikawa, Asahikawa, Asahikawa.

ASAJ 31nm, 0.3s, baz=64, slow=32, SNR=30 ASAJ Asahikawa 1.50 337 P S 07 43 04.8 +0.7 ASAJ Asahikawa 1.50 337 S S 07 43 22.9 -0.3

ASAJ comp=Z, 24nm, 0.3s smax ASAJ comp=N, 31nm, 0.3s smax JHR Hokuryu 1.59 310 P P 07 43 06.3 +1.0

JHR Hokuryu 1.59 310 P P 07 43 06.3 +1.0 JHR Hokuryu 1.59 310 S S 07 43 22.9 -0.3 YUK Yuzh-Kuril sk 2.21 53 ePn S 07 43 14.5 +0.8

YUK Yuzh-Kuril sk 2.21 53 ePn S 07 43 14.5 +0.8 YUK comp=N, 2um, 0.6s smax YUK comp=E, 2um, 1.0s smax YUK comp=N, 270nm, 0.5s smax YUK comp=E, 1um, 0.5s smax

YSS Yuzh-Sakhalins 4.24 354 ePn P 07 43 41.0 -1.0

Table with columns: MAJO, MAT, MAT, JHJ, SOMN, ZAL, ZAL, MKAR, MKAR, ILAR, ZRNK, WRA, FINES, FINES, AKASG, TXAR, Station Name, Az, Phase ID, Time, Res. Includes stations like Matushiro, Songio Array, Zalesovo, Makanchi Array, Warramunga Arr, Finesse Array, Malin Array, Lajitas Array.

CASC 24 07:53:35.7, 1.9, 12.05N-86.99W, h120km, 14km, MD3.6 ISC 24 07:53:35.8, 1.3, 12.2N, 0.2, 86.9W, 0.1, h130km, 13km, n16, c037/25, 5C-6D, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Leon, Telica, CRIN, XAVN, CRUN, MGAN, MGAN, TICN, TICN, WILN, WILN, COFN, APON, PYTN, PYTN, COYNT, COYNT, CNCH, CNCH, BLLM, BLLM, LCLS, LCLS, LFRS, LFRS, LFRS, LFRS.

GUC 24 08:08:08.4, 0.7, 34.29S-69.96W, h7km, 2km, MD3.6, ML2.0, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CICH, CICH, LMEL, LMEL, LMEL, CACH, CACH, CACH, FCHH, FCHH, CLCH, CLCH, CLCH.

NEIC 24 08:14:56.2, 0.2, 1.17S-178.61W, h627km, 60km, mb3.6/2, Error ellipse: s-maj=37.3km s-min=25.6km az=190.0 IDC 24 08:14:57.2, 2.1, 29S-178.63W, h639km, 36km, mb3.9/10, mb1 3.6/11, mb1mx3.4/16, Error ellipse: s-maj=31.9km s-min=11.7km az=160.0

ISC 24 08:14:54.1, 2.6, 2.12S-178.7W, 0.1, h606km, 35km, n21, c113/16, mb3.8/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, RPZ, STKA, STKA, ASAR, ASAR, WRAB, WRAB, WRA, WRA, NVSP, NVSP, TXAR, TXAR, ILAR, ILAR, CMAR, CMAR, PDAR, PDAR, SOMN, SOMN, ARCES, ARCES, FINES, FINES, NOAG, NOAG, BRTR, BRTR, CLL, CLL, GERES, GERES.

DJA 24 08:29:23.0, 0.9, 9.76S-117.12E, h15km, MD5.2/4, ML4.9/4, 5C-3D, Error ellipse: s-maj=26.5km s-min=18.0km az=31.0, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kedomdong, Rata, Rata, Ingas, Ingas, Ingas.

Table with columns: Keli, Kelakatan, 3.02 300j, ePn, Pn, 08 30 08.9 -2.4, 08 30 42.5 -5.0

DJA 24 08:52:24.8, 0.6, 8.71S, 114.77E, h33km, ML3.5/1, 7C-1D, Error ellipse: s-maj=23.4km s-min=6.2km az=30.0, Bali region

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

NEIC 24 08:53:49.4, 2.6, 5.11N, 179.40W, h32km, 16km, mb3.8/1, ML3.9(AEIC), Error ellipse: s-maj=29.1km s-min=6.3km az=182.0

IDC 24 08:53:54.4, 4.0, 5.121N, 179.04W, h70km, 33km, mb3.6/1, mb1 3.8/12, mb1mx3.7/23, ML3.2/1, MS3.1/1, Ms1 3/21, ms1mx2.6/29, Error ellipse: s-maj=49.0km s-min=17.7km az=5.0

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

ISC 24 08:53:45.5, 2.1, 5.80N, 0.1-179.50W, 0.08, h26km, 14km, n31, 0.983/35, mb3.9/12, MS2.9/1, Andreanos Island

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

NEIC 24 09:04:46.0, 23.09N, 121.32E, h8km, ML3.5, 3C-4D, Taiwan

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

NEIC 24 09:12:53.2, 3.8, 33.49S, 179.02W, h344km, 22km, mb3.8/1, Error ellipse: s-maj=73.5km s-min=31.7km az=88.0

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

Table with columns: MWZ, Matawai, 5.40 208 eS, S, 09 15 24.6 -0.8, 09 14 19.0 -0.0, 09 14 19.2 -1.0, 09 14 19.8 -0.4, 09 14 26.6 +1.3, 09 14 27.4 +1.5, 09 14 30.9 -1.1, 09 15 05.5 +1.9, 09 14 31.1 -0.9, 09 14 36.9 +1.4, 09 14 37.2 +1.7, 09 14 37.3 +1.5, 09 14 37.9 +1.1, 09 14 38.2 +1.4, 09 14 38.7 +1.4, 09 14 38.4 +1.0, 09 14 36.1 +1.3, 09 14 36.5 +1.5, 09 14 39.0 +1.2, 09 14 39.6 +0.5, 09 14 39.8 +0.7, 09 14 43.0 -0.4, 09 15 10.2 +1.0, 09 14 43.3 -0.1, 09 14 46.1 +0.5, 09 16 14.8 +1.7, 09 14 46.3 +0.7, 09 14 50.2 +1.7, 09 14 50.3 +1.3, 09 14 51.8 +0.5, 09 16 23.3 -1.1, 09 14 52.0 +0.7, 09 14 56.0 -0.6, 09 14 56.4 -0.2, 09 14 55.9 -0.8, 09 14 57.3 +0.6, 09 14 57.1 -1.1, 09 15 01.2 -0.1, 09 15 01.4 +0.1, 09 15 01.9 +0.1, 09 15 06.0 -2.3, 09 16 53.1 -1.1, 09 15 06.3 -2.0, 09 15 15.9 -0.2, 09 17 08.3 +0.1, 09 15 16.3 +0.2, 09 15 19.1 +0.2, 09 17 13.6 +0.4, 09 15 19.0 +0.1, 09 15 22.5 0.0, 09 15 23.2 +0.5, 09 15 22.6 +0.1, 09 15 28.9 -0.2, 09 15 29.3 +0.2, 09 17 44.3 +0.2, 09 17 51.0 -1.3, 09 20 32.0 -0.2, 09 20 23.6 -0.3

NEIC 24 09:38:21.9, 39.24N, 121.69E, h8km, MD3.5(ATH), MD3.3(PDG), ML3.4(TH), After ATH, ATH 24 09:38:21.9, 39.24N, 121.69E, h8km, 7km, MD3.5/15, MD3.3/22, 39.17N, 121.69E, h13km, ML3.4

SOI 24 09:38:31.0, 39.39N, 122.29E, h2km, MD2.9, ISC 24 09:38:31.0, 39.39N, 122.02E, 0.02, h10km, 3km, n68, r135/94, mb3.5/6, 9C, Greece

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

NEIC 24 10:05:32.4, 0.1, 32.53N, 0.02, 92.21E, 0.02, h9km, h9km, 6km, pP, n774, r190/787, mb5.6/197, MS5.2/115, 40C-72D, Kizang

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

Table with columns: PLE, Unac-Piva, 4.48 334, eSn, Sn, 09 40 22.7 -0.1, 09 39 32.7 +1.7, 09 40 22.4 -1.4, 09 39 35.1 +0.9, 09 40 13.7 +2.2, 09 40 12.3 +5.2, 09 43 26.3, 09 40 40.0 +1.3, 09 41 03.4 -0.9, 09 43 12.6 +0.1, 09 43 23.7 +2.3, 09 43 23.4 -1.5, 09 43 26.3 -1.8, 09 46 29.2 -1.4, 09 45 38.3 -6.6

NNC 24 09:45:03.0, 8.9, 36.99N, 70.15E, mpv3.9, Error ellipse: s-maj=96.0km s-min=65.5km az=106.0

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

NNC 24 10:05:27.0, 4.6, 32.03N, 92.69E, Error ellipse: s-maj=105.5km s-min=59.8km az=74.0

LDG 24 10:05:33.6, 4.0, 32.76N, 91.90E, h10km, mb5.9/44, MS5.0, Error ellipse: s-maj=9.2km s-min=4.8km az=126.0

NEIC 24 10:05:34.0, 0.2, 32.54N, 92.19E, h10km, mb5.7/158, ME5.3, MS5.2/80, MW5.4, Error ellipse: s-maj=4.3km s-min=2.5km az=213.0

MOS 24 10:05:36.5, 0.9, 32.55N, 92.19E, h33km, mb5.8/55, MS5.3/25, Error ellipse: s-maj=8.3km s-min=4.3km az=121.9

ISC 24 10:05:32.4, 0.1, 32.53N, 0.02, 92.21E, 0.02, h9km, h9km, 6km, pP, n774, r190/787, mb5.6/197, MS5.2/115, 40C-72D, Kizang

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

24x12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORLH, ULUD, ALIT, YALV, etc.

ADC 24 10:55:26.3s.7, 17.41Sx178.83W, h492km, 68km, mb3.1/10, mb1.3/4/10, mb1.3/3.6/10, Error ellipse: s-maj=31.4km s-min=21.4km az=168.0

NEIC 24 10:55:27.6s.4.3, 17.37Sx178.85W, h508km, 50km, mb3.9/5, Error ellipse: s-maj=21.6km s-min=18.3km az=172.0

ISC 24 10:55:26.2s.0.6, 17.45S, 0.1-178.9W, 0.1, h500km, n21, n088/18, mb3.6/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, CNB, TOO, STKA, etc.

NIED 24 11:52:02.0s.1, 35.29N-141.22E, h34km, 2km, M3.5, couple: M6.5 1x10^14 NP1.9x60', 885', 1.94''

JMA 24 11:52:02.0s.1, 35.29N-141.22E, h34km, 2km, M3.5, IDC 24 11:52:02.0s.1, 35.29N-141.22E, mb3.8/3, mb1.4/0.3, mb1.3/6/21, Error ellipse: s-maj=57.9km s-min=25.3km az=43.0

ISC 24 11:52:02.6s.1, 35.27N-0.05s.141.2E, 0.1, h35km, 1.1km, n14, n085/19, mb3.8/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHOI, BSO1, BSO3, etc.

IDC 24 12:03:58.1s.128.0, 16.72Sx166.80E, mb4.0/3, mb1.4/2.3, mb1.3/8/15, Error ellipse: s-maj=2147.0km s-min=124.6km az=67.0, Low Confidence Location

NEIC 24 12:03:58.2s.16, 16.69Sx167.27E, h35km, mb4.1/1, Error ellipse: s-maj=43.1km s-min=15.7km az=57.0

ISC 24 12:03:59.5s.2.5, 17.0S, 0.1-167.2E, 0.2, h48km, 27km, n11, n086/15, mb3.9/4, 2C, Vanuatu Islands

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

NAO 24 12:17:36.4s.4.2, 60.75N-28.90E, ML2.6, BER 24 12:17:38.2s.4.7, 60.86N-28.93E, ML2.6(NAO), Suspected explosion

HEL 24 12:17:39.0s.0.3, 60.95N-29.02E, ML1.9, ML2.6(NAO), Explosion

ISC 24 12:17:37.0s.1.7, 60.96N-0.06s.29.1E, 0.2, n10, n099/14, Baltic States - Belarus - Northwestern Russia

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

2004 AUG

Table with columns: KJN, eSB, S, Time, Res. Includes stations like HFS, HFS, ARAO, ARAO.

IDC 24 12:20:55.9s.1.1, 50.86N-176.91W, mb3.6/5, mb1.4/0.6, mb1.1mx3.7/22, ML3.1/1, Error ellipse: s-maj=31.9km s-min=14.2km az=12.0

NEIC 24 12:21:02.1s.1, 51.32N-177.16W, h42km, 11km, mb3.8/2, ML3.7(AEIC), Error ellipse: s-maj=18.8km s-min=5.9km az=172.0

ISC 24 12:21:01.1s.1.4, 51.30N-1.0x177.16W, 0.07, h47km, 13km, n24, n059/27, mb3.6/6, Andean Islands

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

HEL 24 12:29:10.5s.0.3, 61.37N-31.82E, ML1.8, ML2.2(NAO), Explosion

NAO 24 12:29:15.0s.4.6, 61.80N-31.07E, ML2.2, BER 24 12:29:16.1s.4.8, 61.67N-31.28E, ML2.2(NAO), Suspected explosion

ISC 24 12:29:10.5s.1.9, 61.42N-0.07s.31.7E, 0.2, n8, n050/14, Baltic States - Belarus - Northwestern Russia

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

MOS 24 12:38:49.4s.1.2, 38.58N-23.68E, h11km, mb4.5/13, Error ellipse: s-maj=13.5km s-min=5.3km az=82.2

ZUR_RM 24 12:38:50.38, 58N-23.59E, h15km, Mw4.6/27, Moment Tensor Solution, s27 Moment tensor: Scale 10^15Nm; M1=8.8; M2=8.3; M3=0.49; M4=0.2; M5=0.44; M6=0.39; Best double couple: M8.8x10^15 NP1.0x270', 852', 1.86''

NEIC 24 12:38:50.1s.38, 58N-23.59E, h22km, mb4.3/28, MD4.1(PDG), ML4.4(A), ML4.3(THE), After ATH

NEO Felt at Athens, AOS ATH 24 12:38:50.1, 38.58N-23.59E, h22km, 2km, MD4.1/23, ML4.4

THE 24 12:38:51.1, 38.57N-23.53E, h8km, ML4.3, BUJ 24 12:38:51.3, 39.05N-22.69E, h46km, mb4.3, mb4.7, Ms4.5, Ms4.4

PDG 24 12:38:51.1, 0.5, 38.57N-23.54E, h15km, 1km, IDC 24 12:38:53.1s.4.2, 38.57N-23.50E, h27km, 29km, mb4.1/18, mb1.4/2/25, mb1.1mx4.2/29, ML4.0/7, MS3.3/4, Ms1.3/3/4, ms1mx2.8/26, Error ellipse: s-maj=13.6km s-min=12.6km az=151.0

ISC 24 12:38:50.7s.0.3, 38.57N-0.01s.23.5E, 0.02, h20km, 3km, h31km, 1.3km, p-P, N, n052/12/345, mb4.6/49, MS3.8/5, 23C-SD, Greece

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

Table with columns: KYTH, VLS, JAN, etc. Includes stations like Kithira, Valisamata, Janina, etc.

IGT Igoumenitsa 2.66 192 P Pn 12 39 36.4 +3.1

SANT Santorini 2.68 144 e Pn 12 39 34.4 -0.3

SMG Samos 2.76 107 e Pn 12 39 35.0 +0.2

LSK Leskovik 2.76 306 e Pn 12 39 39.0 +4.2

NVR Nevrokopi 2.79 5 e Pn 12 39 35.2 -0.1

VAV Valandovo 2.85 346 U/Pn 12 39 33.7 -2.3

VAY Vaycice 2.91 5 i Sn 12 39 45.4 -0.7

VAY Vaycice 3.05 52 i Pn 12 40 12.8 -5.2

VAY Vaycice 3.05 52 i Pn 12 40 17.7 +7.6

IZM Izmir 2.95 92 e Pn 12 39 38.4 +0.9

IZM Izmir 2.95 92 e Pn 12 39 38.3 +0.8

KDAG Bornova 2.95 92 P Pn 12 39 38.7 +1.2

BIA Bitola 2.98 326 P Pn 12 39 40.8 +1.0

BIA Bitola 2.98 326 P Pn 12 39 43.9 +1.1

BIA Bitola 2.98 326 P Pn 12 40 15.8 +2.4

RDO Rodhopi 3.01 30 e Pn 12 39 37.4 -1.0

MMB Musomiste 3.02 3 P Pn 12 39 38.0 -0.6

LPK Lapsiste 3.05 52 i Pn 12 39 40.7 +1.2

KEK Kerkira 3.11 293 e Pn 12 39 42.6 -2.5

VAM Vamos 3.20 170 e Pn 12 39 42.0 +0.9

RZN Rozhen 3.25 16 U/Pn 12 39 41.5 -0.3

OHR Ohrid 3.29 321 i Pn 12 39 44.8 +2.4

OHR Ohrid 3.45 161 Pn 12 40 22.4 +1.1

OHR Ohrid 3.45 161 Pn 12 40 38.4 +1.7

KKB Krupnik 3.31 354 U/Pn 12 39 43.0 +0.9

AKS Akhisar 3.38 83 e Pn 12 39 45.0 +1.4

KDZ Kurdzhali 3.41 25 U/Pn 12 39 42.5 -1.5

IDI Idrija 42m, 0.3s, baz=340, slow=11, SNR=75 Sn 12 39 44.9 +0.2

IDI Idrija 42m, 0.3s, baz=340, slow=11, SNR=75 Sn 12 40 24.5 -0.9

BDRM Kiyabasi 3.45 114 U/Pn 12 39 45.2 +0.6

SART Sartinj 3.54 57 i Pn 12 39 42.9 +0.4

AYDN Tasoluk 3.56 103 i Pn 12 40 00.7 +1.5

BALB Balikesir 3.56 71 e Pn 12 39 41.5 -4.7

MLSB Milas 3.60 109 e Pn 12 39 46.2 -0.5

MLSB Milas 3.60 109 e Pn 12 39 46.1 -0.6

PLD Plodiv 3.65 14 P Pn 12 39 47.4 +1.2

NPS Neapolis 3.70 152 e Pn 12 39 50.0 +1.8

KPJ Monastery St. 3.75 347 U/Pn 12 39 49.4 +0.6

GVD Gavdhos 3.75 173 e Pn 12 39 51.0 +2.2

GVD Gavdhos 3.75 173 e Pn 12 39 50.8 +1.9

GVD Gavdhos 3.75 173 e Pn 12 39 51.0 +2.2

SKO Skopje 3.75 336 e Pn 12 40 00.0 +1.1

SKO Skopje 3.75 336 e Pn 12 40 00.0 +1.1

SKO Skopje 3.75 336 e Pn 12 40 00.0 +1.1

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MLR, MLE, MLI, MLD, MLE, MLI, MLD, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like EADA, RDF, HFS, HFS, HFS, etc.

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

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MAN, IDC, NEIC, etc.

ellipse: s-maj=28.1km s-min=11.1km az=105.0
 JMA 24 16:49:35.1, 0.2, 35.54N-139.89E, h51km, mb4.4
 Broadband fault plane solution: P waves. $NPI_{\phi}94^{\circ}, \delta 49^{\circ}, \lambda-18^{\circ}$. $NP2_{\phi}196^{\circ}, \delta 77^{\circ}, \lambda-137^{\circ}$. Principal axes: T $P118^{\circ}, \lambda 319^{\circ}$; N $P146^{\circ}, \delta 2210^{\circ}$; P $P139^{\circ}, \delta 64^{\circ}$;
 JMA Felt III J1
 BUJ 24 16:49:36.2, 5.52N-139.71E, h78km, mb4.9, mb4.5, Ms4.6, Ms24.2
 NEIC 24 16:49:37.4, 1.4, 35.45N-139.53E, h62km, 11km, mb4.6/9, MW4.3(NIED), Error ellipse: s-maj=13.3km s-min=10.3km
 az=85.0
 NEIC Felt in Ibaraki, Kanagawa and Tokyo Prefectures.
 Recorded [3 JMA] in Kanagawa; [2 JMA] in Chiba and Saitama; [1 JMA] in Ibaraki, Nagano, Shizuoka, Tochigi and Yamanashi Prefectures. Also recorded [1 JMA] on O-shima and Miyake-jima.

ISC 24 16:49:34.5, 0.3, 35.47N-139.87E, 0.04, h60km, 2km, h56km, 4.9km; p-P, n98, o599/117, mb4.5/35, MS3.6/4, 12C-7D, Near south coast of eastern Honshu

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
TOK	Tokyo	0.23	336	Op	16 49 38.0	-0.4
TOK	Tokyo			S	16 49 50.1	-1.1
JCN	Nagara	0.27	102	Op	16 49 44.6	+0.1
JCN	Nagara			S	16 49 52.0	+0.2
JYO	Yokosok	0.30	214	Op	16 49 45.3	+0.6
JYO	Yokosok			S	16 49 52.9	+0.6
JOD2	Odawara 2	0.68	252	Op	16 49 48.8	+0.2
JOD2	Odawara 2			S	16 49 58.4	-0.6
JIM2	Oshima 3	0.84	206	Op	16 49 50.7	+0.1
JIM2	Oshima 3			S	16 50 02.4	-0.2
BSO3	Boso 3	0.85	142	Op	16 49 50.7	-0.1
BSO3	Boso 3			S	16 49 52.5	+0.3
JRY	Ryogami san	0.93	305	Op	16 50 05.8	+0.4
JRY	Ryogami san			S	16 49 52.8	-0.1
JAG	Ashikaga	1.01	340	Op	16 49 54.3	+0.3
JYN	Shimob	1.08	272	Op	16 49 54.6	+0.2
JYZ	Izushimoda	1.11	228	Op	16 50 08.9	-0.1
JYZ	Izushimoda			S	16 49 54.9	-0.9
BSO1	Boso 1	1.22	132	Op	16 49 58.0	-0.2
JKT	Katashina	1.39	339	Op	16 50 14.2	-1.6
JKT	Katashina			S	16 49 59.9	+1.2
SHZ3	Shizuoka 3	1.42	254	Op	16 50 18.6	+2.0
SHZ3	Shizuoka 3			S	16 50 03.4	+0.6
MAJO	Matsushiro	1.72	309	Op	16 50 22.9	-0.8
MAJO	Matsushiro			S	16 50 03.4	+0.6
MAT	Matsushiro	1.72	309	Op	16 50 25.7	+2.0
MAT	Matsushiro			S	16 50 03.0	+0.2
MAT	Matsushiro	1.72	309	Op	16 50 26.0	+2.3
MAT	Matsushiro			S	16 50 11.3	-0.3
JHU	Hachioji jima 2	2.35	182	Pn	16 50 39.1	-0.2
JHU	Hachioji jima 2			S	16 51 34.8	-3.7
CBJ1	Chichi jima	8.58	166	Pn	16 53 07.0	-7.9
CBJ1	Chichi jima			S	16 51 38.8	-5.8
ASAJ	Asahikawa	8.88	13	Pn	16 51 38.8	-3.8
ASAJ	Asahikawa			S	16 53 16.4	
ASAJ	Asahikawa	8.88	13	P	16 51 38.8	-3.8
ASAJ	Asahikawa			S	16 53 16.4	
ASAJ	Asahikawa			smax		
ASAJ	Asahikawa			smax		
KS15	Wonju Array Si	9.86	285	P	16 51 51.6	-4.3
MDJ	Mudanjiang	12.05	322	P	16 52 27.0	+1.4
MDJ	Mudanjiang			AMB		
MDJ	Mudanjiang			AMB		
MDJ	Mudanjiang			AMB		
CN2	Changchun	13.87	311	eP	16 52 48.6	-0.9
CN2	Changchun			eAP	16 52 59.0	
CN2	Changchun			eS	16 55 18.8	-3.7
CN2	Changchun			AMB		
CN2	Changchun			AMB		
CLR	Kul'dur	14.99	339	eP	16 53 03.8	-0.2
SSE	Sheshan	16.22	260	P	16 53 17.9	-2.0
SSE	Sheshan			S	16 56 11.1	-6.4
SSE	Sheshan			AMB		
NJ2	Nanjing	17.80	265	eP	16 53 36.8	-2.9
NJ2	Nanjing			S	16 56 47.0	-6.3
NJ2	Nanjing			AMB		
NJ2	Nanjing			AMB		
NJ2	Nanjing			LR		
NJ2	Nanjing			LR		
NJ2	Nanjing			LR		
NJ2	Nanjing			LR		
MA2	Magadan	25.14	131	Op	16 54 56.8	+1.5
MA2	Magadan			pmx		
MA2	Magadan			pmx		
MA2	Magadan			P	16 54 56.4	+1.2
YAK	Yakutsk	25.14	130	Op	16 55 14.1	-1.5
YAK	Yakutsk			iP		
YAK	Yakutsk			pmx		
YAK	Yakutsk			pmx		
YAK	Yakutsk			eP	16 55 13.8	-1.8
YAK	Yakutsk			S	16 55 30.8	-1.1
SOM3	Songino Array	27.67	307	P	16 55 17.8	-1.0
BOD	Bodaibo	28.23	330	Op	16 55 17.7	-5.9
LZH	Lanzhou	29.14	282	Op	16 56 45.4	-1.3
LZH	Lanzhou			AP	16 56 25.5	-1.5
LZH	Lanzhou			PP		
LZH	Lanzhou			PP		
LZH	Lanzhou			AMB		
LZH	Lanzhou			AMB		
LZH	Lanzhou			LR		
LZH	Lanzhou			LR		
LZH	Lanzhou			LR		
KMI	Kunming	33.51	262	eP	16 56 10.1	-0.3
KMI	Kunming			AMB		
CMAR	Chiang Mai Arr	39.90	256	Op	17 15 14.3	
CMAR	Chiang Mai Arr			LR		
WMQ	Urumqi	40.46	298	P	16 57 08.0	-0.6
WMQ	Urumqi			P	16 57 23.5	-0.5
WMQ	Urumqi			XP	16 57 31.4	+0.3
WMQ	Urumqi			PP	16 58 45.3	-0.6
WMQ	Urumqi			PCP	16 59 12.0	+0.8
WMQ	Urumqi			AMB		
WMQ	Urumqi			AMB		
NVS	Novosibirsk	43.04	315	iP	16 57 28.6	-1.0
NVS	Novosibirsk			pmx		
NVS	Novosibirsk			pmx		
NVS	Novosibirsk			pmx		
MKAR	Makanchi Array	43.91	303	P	16 57 37.1	+0.3
MKAR	Makanchi Array			P	17 16 46.7	
MKAR	Makanchi Array			LR		
MKAR	Makanchi Array			P	16 57 37.2	+0.4
MKAR	Makanchi Array			pmx		
MKAR	Makanchi Array			MLR		
KURK	Kurchatov	45.93	309	P	16 57 52.9	0.0
KURK	Kurchatov			P	16 57 52.3	-0.6
KURK	Kurchatov			PP	16 57 57.7	-0.8
PKI	Pulchoki	46.60	276	eP	16 57 58.8	+0.2
KKN	Kakanar	46.62	276	eP	16 58 00.0	-0.3
DMN	Daman	46.83	276	eP	16 58 01.0	-0.3
GKO	Gorkha	47.05	277	eP	16 58 01.0	-0.1

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
KOLN	Koldanda	47.98	277	eP	16 58 08.7	-0.7
TKM2	Tokmak 2	49.29	299	P	16 58 20.4	+1.2
KZA	Kyzart	49.75	298	P	16 58 24.4	+1.6
KBK	Karagaybulak	49.82	299	P	16 58 24.2	+0.9
KSH	Kashi	49.92	295	eP	16 58 25.6	+1.5
KSH	Kashi			eAP	16 58 41.5	+1.8
KSH	Kashi			eXP	16 58 49.0	+2.4
KSH	Kashi			ePCP	16 59 46.4	+2.5
KSH	Kashi			eS	17 00 22.6	+2.5
KSH	Kashi			ePCS	17 00 42.5	
KSH	Kashi			P	17 05 28.1	-0.4
KSH	Kashi			eS	17 05 37.3	-0.9
KSH	Kashi			eS	17 07 55.8	
KSH	Kashi			eSS	17 08 08.0	+1.3
KSH	Kashi			eSS	17 08 58.0	-0.4
KSH	Kashi			LR		
KSH	Kashi			LR		
USP	Ospenovka	49.98	300	P	16 58 24.9	+0.4
AAK	Ala-Archa	50.15	299	eP	16 58 25.0	-0.8
UCH	Uchter	50.24	299	P	16 58 28.0	+1.5
EKS2	Erkin-Say	50.65	299	P	16 58 30.1	+0.4
BVAR	Borovoye Array	50.71	313	P	16 58 29.6	-0.4
BRVK	Borovoye	50.77	313	eP	16 58 30.2	-0.2
AML	Almayush	50.85	299	P	16 58 32.7	+1.5
ILAR	Eielson Array	51.47	32	P	16 58 35.9	+0.4
ILAR	Eielson Array			P	16 58 35.9	+0.4
WRAB	Tennant Creek	55.35	186	eP	16 59 04.0	-0.8
WRA	Warramunga Arr	55.36	186	P	16 59 04.2	-0.7
WRA	Warramunga Arr			pmx		
WRA	Warramunga Arr			pmx		
CTAO	Charters Tower	55.59	173	P	16 59 05.5	-1.0
INK	Inuvik	56.34	26	P	16 59 11.6	+0.4
INK	Inuvik			P	16 59 11.6	+0.4
INK	Inuvik			pmx		
INK	Inuvik			pmx		
INK	Inuvik			P	16 59 11.5	+0.3
ARTI	Arti	56.71	319	P	16 59 13.6	-0.4
ARTI	Arti			P	16 59 13.5	-0.5
ARU	Arui	56.71	319	iP	17 00 07.4	
ARU	Arui			iP	17 01 20.3	-4.9
ARU	Arui			eS	17 06 58.4	-1.9
ARU	Arui			eSS	17 10 49.8	+0.2
ARU	Arui			eSS	17 13 07.4	+3.8
ARU	Arui			pmx		
ARU	Arui			P	16 59 12.9	-1.1
ASAR	Alice Springs	59.59	186	P	16 59 31.9	+0.7
ARCES	ARCCESS Array B	65.02	339	P	17 00 09.8	-0.1
ARCES	ARCCESS Array B			pmx		
ARCES	ARCCESS Array B			pmx		
ARCES	ARCCESS Array B			pmx		
YKA	Yellowknife Arr	65.78	29	P	17 00 15.6	+0.6
YKA	Yellowknife Arr			P	17 00 15.6	+0.6
YKA	Yellowknife Arr			pmx		
YKA	Yellowknife Arr			pmx		
STKA	Stevens Creek	67.02	178	P	17 00 23.4	+0.1
STKA	Stevens Creek			P	17 00 23.1	-0.2
OBK	Obninsk	68.60	323	eP	17 02 32.0	-0.8
OBK	Obninsk			S	17 09 22.4	-6.9
OBK	Obninsk			eS		
OBK	Obninsk			pmx		
OBK	Obninsk			pmx		
FINES	FINES Array B	69.61	332	P	17 00 38.7	-0.2
FINES	FINES Array B			P	17 00 38.7	-0.2
FINES	FINES Array B			pmx		
FINES	FINES Array B			pmx		

Table with columns: VMG, SG, Sg, 20 25 06.0 -1.5, 20 24 53.5 -0.1, 20 25 06.0 -1.6, 20 24 54.0 -0.4, 20 25 10.3 +1.5, etc.

MAN 24 20:37:23.4, 9.03N, 126.59E, h1km, mb4.0, ML2.8, MS2.5, 1C, Mindanao

IDC 24 20:38:01.0, 21.0, 17.51N, 144.87E, h130km, 198km, mb3.5/9, mb1 3.7/9, mb1mx3.6/22, MS4.0/3, Ms1 4.0/3, ms1mx3.2/30, Error ellipse: s-maj=53.0km s-min=18.9km az=66.0

JOW Kunigami 17.85 304 LR comp=2.504nm, 19.6s, baz=11.6, slow=31

IDC 24 20:53:56.8-3.4, 55.58S, 129.12W, mb3.9/3, mb1 4.2/3, mb1mx3.9/15, MS4.1/11, Ms1 4.1/11, ms1mx4.1/14, 2C-1D, Error ellipse: s-maj=121.0km s-min=36.4km az=39.0, Pacific-Antarctic Ridge

SNAEA Sanae 47.59 160 LR P 21 02 33.5 -1.9, SNAEA Sanae 47.59 160 P 21 02 33.5 -1.9, MAW Mawson 56.81 185 LR LR 21 26 06.3, CPUP Villa Florida 58.51 91 LR LR 21 25 50.3, LPAZ La Paz 60.40 75 LR LR 21 23 25.4, STKA Stephens Creek 40.38 157 P P 21 25 05.6, BDBF Brasilia 72.23 92 LR LR 21 34 50.0, ASAR Alice Springs 74.74 217 P P 21 05 37.5 -1.9, ASAR Alice Springs 74.74 217 P P 21 34 36.0, ROSC El Rosal 75.10 57 LR LR 21 32 33.6, WRA Warramunga Arr 77.40 253 P P 21 05 53.3 -1.9, NVAR Mina Array Bea 94.09 8 LR LR 21 40 39.0, PDAE Pinedale Array 99.37 14 LR LR 21 43 44.3, SONMI Songoing Array 145.58 281 PKPbc PKPbc 21 13 34.5 -2.0, MKAR Makanchi Array 158.60 259 PKPab PKPab 21 14 32.6 +0.1

NEIC 24 21:47:29.0, 1.8, 35, 45S, 178.96E, h291km, 9km, mb4.0/3, Error ellipse: s-maj=28.9km s-min=22.9km az=93.0, ISC 24 21:47:25.9, 0.9, 35, 35.0, 1.0, 179.2E, 0.2, h295km, 8km, n54, r=110/63, mb4.0/3, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC, MXZ Matakaoa Point 2.35 198 P P 21 48 14.6 -0.9, MXZ Matakaoa Point 2.35 198 P P 21 48 52.0 -2.1, MXZ Matakaoa Point 2.35 198 P P 21 48 14.8 -0.7, PUZ Puketiti 2.84 196 P P 21 49 00.3 -2.1, MWZ Matawai 3.29 204 P P 21 48 24.9 +0.2, MWZ Matawai 3.29 204 P P 21 49 11.9 +1.3, MWZ Matawai 3.29 204 P P 21 48 25.2 +0.5, MARZ Manawaha 3.35 217 P P 21 48 25.5 +0.2, MARZ Manawaha 3.35 217 P P 21 48 42.4 +0.3, URZ Urewera 3.38 210 P P 21 48 25.2 -0.4, URZ Urewera 3.38 210 P P 21 48 25.3 -0.3, TAZ Tarawera 3.63 216 P P 21 48 30.0 +1.8, PAZ Paeroa 3.63 216 P P 21 48 30.1 +1.9, PAZ Paeroa 3.63 216 P P 21 48 31.8 +1.0, PAZ Paeroa 3.63 216 P P 21 48 31.9 +1.1, KNZ Kokohu 3.88 198 P P 21 48 31.4 +0.4, KNZ Kokohu 3.88 198 P P 21 49 22.9 +1.0, KNZ Kokohu 3.88 198 P P 21 48 37.0 +0.7, BKZ Black Stump Fm 4.41 209 P P 21 48 34.3 +1.9, BKZ Black Stump Fm 4.41 209 P P 21 48 41.3 +1.1, MGZ Maungakau 4.72 216 P P 21 48 42.2 +1.6, HIZ Hawaii 4.72 216 P P 21 48 42.0 +1.6, NGZ Ngauruhoe 4.85 215 P P 21 48 42.0 +1.6, NGZ Ngauruhoe 4.85 215 P P 21 48 41.5 -0.1, TUZ Tukino 4.85 215 P P 21 48 33.8 -8.2, FWZ Far West T-bar 4.89 216 P P 21 48 42.3 -0.1, TSZ Takapari Road 5.38 208 P P 21 48 47.8 -0.4, TSZ Takapari Road 5.38 208 P P 21 49 53.3 +0.5, TSZ Takapari Road 5.38 208 P P 21 48 48.1 -0.1, WAZ Wanganui 5.55 216 P P 21 48 50.7 +0.4, WAZ Wanganui 5.55 216 P P 21 48 50.8 +0.5, BFZ Birch Farm 5.83 203 P P 21 48 53.9 +0.3, MRZ Mangatainoka R 6.05 207 P P 21 48 55.7 -0.5, MRZ Mangatainoka R 6.05 207 P P 21 48 55.5 -0.6, KIW Kapiti Island 6.49 210 P P 21 49 01.1 -0.4, MTW Mount Morrison 6.51 206 P P 21 49 01.2 -0.7, MTW Mount Morrison 6.51 206 P P 21 50 19.0 +1.8, CAW Cannon Point 6.63 208 P P 21 49 07.7 -0.6, CAW Cannon Point 6.63 208 P P 21 49 08.1 -0.5, MRW Makara Radio 6.88 210 P P 21 49 05.8 -0.6, MRW Makara Radio 6.88 210 P P 21 49 06.0 -0.4, SNZO South Karori 6.95 209 P P 21 49 06.0 -1.2, SNZO South Karori 6.95 209 P P 21 49 06.5 -0.7, NNZ Nelson 7.46 216 P P 21 49 11.6 -1.9, NNZ Nelson 7.46 216 P P 21 49 13.6 -1.8, QNZ Quartz Range 7.61 222 P P 21 50 40.8 -0.6, QNZ Quartz Range 7.61 222 P P 21 49 13.6 -1.8, THZ Topohouse 8.11 216 P P 21 48 19.5 -2.0, THZ Topohouse 8.11 216 P P 21 50 57.1 +1.8, KHZ Kahutara 8.35 210 P P 21 49 23.6 -0.8, KHZ Kahutara 8.35 210 P P 21 50 57.8 +0.2, KHZ Kahutara 8.35 210 P P 21 49 34.4 -0.5, LTZ Lake Taylor 9.20 214 P P 21 49 34.5 -0.4, LTZ Lake Taylor 9.20 214 P P 21 49 34.5 -0.4, MQZ McQueen's Vall 9.78 209 P P 21 49 41.6 -0.5, MQZ McQueen's Vall 9.78 209 P P 21 51 29.3 -0.2, MQZ McQueen's Vall 9.78 209 P P 21 49 41.5 -0.6, WRAB Tennant Creek 42.25 279 P P 21 54 52.0 -0.4, GSPA South Pole Qui 54.79 180 P P 21 56 38.0 +1.1, MAW Mawson 66.88 202 P P 21 57 50.1 +2.5

IDC 24 21:50:23.7, 18.0, 5.15N, 124.20E, h488km, 243km, mb3.0/5, mb1 3.2/5, mb1mx2.8/19, 1D, Error ellipse: s-maj=262.0km s-min=39.7km az=60.0, Mindanao

WRA Warramunga Arr 26.86 158 P P 21 55 25.1 -0.9, WB2 Warramunga Arr 26.86 158 P P 21 55 53.5 -1.3, ASAR Alice Springs 30.16 162 P P 21 57 19.4 -0.3, STKA Stephens Creek 40.38 157 P P 21 59 08.5 -1.4, MKAR Makanchi Array 54.77 327 P P 22 00 12.5 -2.4, BVAR Borvoeye Array 64.77 327 P P 22 00 12.5 -2.4

GUC 24 21:52:55.2, 1.0, 33.13N, 70.23W, h4km, 3km, MD3.6, ML2.3, 5C-1D, Chile-Argentina border region

FCH Farellones 0.21 194 P P 21 53 00.2 +0.8, FCH Farellones 0.21 194 P P 21 53 00.3, FCH Farellones 0.21 194 P P 21 53 02.3 +1.0, FCH Farellones 0.21 194 P P 21 53 04.6, CLCH Cerro Calan 0.37 224 P P 21 53 09.3 +0.7, CLCH Cerro Calan 0.37 224 P P 21 53 09.2 +1.5, CLCH Cerro Calan 0.37 224 P P 21 53 11.1, Pecheludehue 0.38 267 P P 21 53 08.6 +0.6, JACH Jach 0.54 325 P P 21 53 09.2 +0.2, PIRQUE Pirque 0.55 206 P P 21 53 06.6 +0.5, PML Lhas Melos 0.72 178 P P 21 53 09.6 0.0, LMEL 0.72 178 P P 21 53 24.1, TACH Talagasta 0.79 228 P P 21 53 10.1 -0.9, CHCH Chadas Angosto 0.88 204 P P 21 53 12.5 -0.1, CHCH Chadas Angosto 0.88 204 P P 21 53 25.1 +0.6, CACH El Canelo 1.04 197 P P 21 53 15.3 -0.1, CACH El Canelo 1.04 197 P P 21 53 30.7 +1.6, LCCH Lhas Cruces 1.18 252 P P 21 53 18.4 +0.3, CICH Cipreses 1.20 188 P P 21 53 18.4 +0.3, LNV Longvico 1.29 230 P P 21 53 18.8 -0.8

NEIC 24 22:17:52.9, 37.13N, 3.71E, MG3.6(MDD), After MDD, MDD 24 22:17:53.2, 3.1, 37.13N, 3.65E, mb3.4/8, Error ellipse: s-maj=31.4km s-min=20.4km az=158.0, PRXIMO,

Western Mediterranean Sea, Code Station Name Az Az' Op Phase ID ISC Time Res h m s ISC, EIBI Ibiza 2.63 317 P P 21 22 06.3 -2.0, EIBI Ibiza 4.5nm, 0.2s, SNR=4.0, EIBI Ibiza 4.5nm, 0.2s, SNR=7.9, EIBI Ibiza 2.63 317 P P 21 22 35.6 -2.0, EIBI Beniarda 3.44 298 P P 21 22 19.0 -3.6, EIBI Beniarda 0.1nm, 0.3s, SNR=7.9, EBEN Beniarda 24nm, 1.0s, SNR=7.9, ETOB Tobarra 4.38 292 P P 21 22 59.7 -2.8, ETOB Tobarra 1.1nm, 0.1s, SNR=16, EMOS Mosqueruela 4.56 316 P P 21 22 19.4 -1.6, EMOS Mosqueruela 0.2nm, 0.2s, SNR=7.9, EMOS Mosqueruela 4.56 316 P P 21 22 19.4 -1.6, EMOS Mosqueruela 4.56 316 P P 21 22 19.0 -3.0, EMOS Mosqueruela 4.56 316 P P 21 22 19.4 -1.6, EPOB Poblet 4.67 336 P P 21 22 19.0 -3.0, EMIR Miracle 5.05 342 P P 21 22 19.0 -2.4, EJON La Jonquera 5.35 354 P P 21 22 19.7 -3.5, EQES Quesada 5.38 279 P P 21 22 19.3 -2.8, EQES Quesada 0.9nm, 0.3s, SNR=6.7, EQES Quesada 5.38 279 P P 21 22 15.2 -5.2, SNR=7.9

ROM 24 22:25:48.6, 1.2, 44.94N, 13.78E, h10km, MD2.9/2, ML2.2/3, Error ellipse: s-maj=13.0km s-min=6.0km az=90.0, LJU 24 22:25:51.7, 45.87N, 14.71E, h14km, ML2.2, NEIC 24 22:25:52.0, 0.6, 45.88N, 14.74E, h14km, 5km, ML2.8(VEI), ML2.3(LJU), Error ellipse: s-maj=6.5km s-min=5.1km az=176.0

NEIC Fell (V) at Videm, ISC 24 22:25:51.8, 0.3, 45.89N, 0.02x14.72E, 0.02, h4km, 4km, n35, 0.9E/53, 9C-9D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC, VISS Visnje 0.12 136 P P 22 25 55.2 +0.9, VISS Visnje 0.12 136 P P 22 25 57.1 +1.1, LJU Ljubljana 0.20 319 P P 22 25 57.0 +1.2, LJU Ljubljana 0.20 319 P P 22 25 60.0 +1.4, CEY Cerknica 0.26 233 P P 22 25 57.3 +0.4, PDKS Podkum 0.27 46 P P 22 25 58.1 +1.0, LEGS Legarje 0.42 82 P P 22 26 00.7 +0.5, KNEZ Knez Dol 0.44 213 P P 22 26 00.1 -0.4, JAVS Javornik 0.46 270 P P 22 26 00.8 -0.1, CRES Cresnjevo ost 0.52 97 P P 22 26 02.2 +0.1, CESS Cesta pri Krsk 0.53 81 P P 22 26 02.4 +0.2, BOJS Bojanci 0.54 136 P P 22 26 02.2 -0.3, VBY Vinica-Bojanci 0.54 136 P P 22 26 10.5 +0.7, DOBS Dobrina 0.58 64 P P 22 26 03.5 +0.1, VOY Vojsko 0.59 284 P P 22 26 03.4 +0.9, VOY Vojsko 0.59 284 P P 22 26 04.4 +0.2, GCIS Gorjani Cirnik 0.62 92 P P 22 26 04.7 +0.4, OBKA Obir 0.63 349 P P 22 26 04.7 +0.4, OBKA Obir 0.63 349 P P 22 26 13.0 +0.3, GOLS Golise 0.64 79 P P 22 26 04.7 +0.1, TRI Trieste 0.69 255 P P 22 26 04.8 -0.8, TRI Trieste 0.69 255 P P 22 26 14.9 +0.1, CADS Cadrg 0.76 297 P P 22 26 06.6 -0.3, GROS Grobnik 0.79 43 P P 22 26 07.4 -0.1, PERS Pernice ost 0.79 20 P P 22 26 07.6 0.0, DRE Drenchia 0.80 291 P P 22 26 07.2 -0.5, DRE Drenchia 0.80 291 P P 22 26 19.4 +1.0, BISS Bistriski jare 0.81 20 P P 22 26 19.9 0.0, THZ Topohouse 0.81 216 P P 22 26 19.5 -2.0, ROBS Robic 0.91 293 P P 22 26 09.3 -0.7, ROBS Robic 0.91 293 P P 22 26 22.6 +0.4, COLI Colorado 0.96 285 P P 22 26 10.5 -0.5, COLI Colorado 0.96 285 P P 22 26 24.3 +0.4, PTCC Patocco-Chiusa 1.08 299 P P 22 26 13.4 -0.1, GMNA Gemona 1.10 291 P P 22 26 14.5 +0.7, GMNA Gemona 1.10 291 P P 22 26 32.0 +2.4, BUA Buia 1.16 287 P P 22 26 13.7 -1.1, BUA Buia 1.16 287 P P 22 26 31.4 +1.1, MPRI Monte Prat 1.25 287 P P 22 26 15.9 -0.9, MPRI Monte Prat 1.25 287 P P 22 26 34.4 +0.9, NVLJ Novolja 1.33 175 P P 22 26 16.8 -1.5, NVLJ Novolja 1.33 175 P P 22 26 35.3 -0.8, NVLJ Novolja 1.33 175 P P 22 26 36.4 +0.9, ARSA Arzberg 1.47 221 P P 22 26 19.6 -1.5, ARSA Arzberg 1.47 221 P P 22 26 40.4 -0.2, MLNI Malnisio 1.49 281 P P 22 26 19.6 -2.0, MLNI Malnisio 1.49 281 P P 22 26 41.9 +0.4, FVI Forni Avoltri 1.52 298 P P 22 26 20.2 -0.4, FVI Forni Avoltri 1.52 298 P P 22 26 41.9 +1.6, KBA Koelnbreinsper 1.52 322 P P 22 26 20.6 -1.5, KBA Koelnbreinsper 1.52 322 P P 22 26 41.9 -0.4, CAE Caneva 1.60 275 P P 22 26 20.9 -2.7, CAE Caneva 1.60 275 P P 22 26 44.3 -0.6, KHC Kasperske Hory 3.33 347 P P 22 27 24.0 -2.3, KHC Kasperske Hory 3.33 347 P P 22 28 36.5, NEIC 24 22:28:55.8, 37.81N, 22.08E, h24km, ML3.1(ATH), ML2.8(TEH), After ATH, ATH 24 22:28:55.8, 37.81N, 22.08E, h24km, 1km, MD3.3/1, ML3.1, THE 24 22:29:02.5, 37.97N, 22.34E, h21km, ML2.8, ISC 24 22:29:17.5, 0.7, 37.89N, 0.03, 22.14E, 0.04, h20km, 6km, n27, r=1925/38, Southern Greece

Table with columns: LIT, PAIG, KEK, OUR, FNA, GRG, SOH, SOH, KNT, SRS, SRS. Includes station names like Paliouri, Kerkira, Ouranopolis, Florida, Griva, Sokhos, Kerkrikon, Serrai.

NEIC 24 22:42:44.4, 9.35Sx113.96E, h2km, ML3.9(DJA), After DJA.

DJA 24 22:42:43.5, 0.9, 9.30Sx113.86E, h0km, MD5.1/4, ML3.9/4, 8C-4D, Error ellipse: s-maj=21.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kelakatan, Ingas, Rata, KEDOMDONG.

IDC 24 22:59:06.9, 2.0, 6.84Sx129.44E, mb3.7/1, mb1 3.8/3, mb1mx3.6/12, ML3.5/2, MS4.0/1, Ms1 3.4/10, ms1mx3.2/13, Error ellipse: s-maj=107.0km s-min=31.1km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, ASAR ALICE SPRINGS, ASAR, JHJ, MKAR MAKANCHI ARRAY.

IDC 24 23:04:46.7, 1.1, 69.00N-16.36W, mb3.8/6, mb1 3.9/11, mb1mx3.8/26, ML3.6/5, MS3.4/10, Ms1 3.4/10, ms1mx3.2/26, Error ellipse: s-maj=30.0km s-min=17.1km az=37.0

NEIC 24 23:04:47.9, 0.6, 68.97N-16.54W, h10km, mb4.4/3, Error ellipse: s-maj=13.1km s-min=9.6km az=221.0

ISC 24 23:04:45.9, 0.6, 69.01N-16.16W, 0.2, h10km, n27, r1222/11, mb3.9/10, MS3.4/8, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMJC JAN MAYEN, BORG, BORG, SUMG, KBS, NOA, NOA, EKA, FINES, WTSB, HGN, CLL, CLL, MOX, GRA1, GERES, MORC, SCHO, AKASO, MLR, VAE, INK, YKA, YKA, BRTR, ULM, ILAR, ILAR, PDAR, TXAR.

IDC 24 23:05:44.7, 1.4, 26.16N-103.46E, mb3.4/3, mb1 3.6/4, mb1mx3.4/18, ML3.6/1, MS3.1/2, Ms1 3.2/2, ms1mx2.8/17, Error ellipse: s-maj=49.7km s-min=24.6km az=75.0

BUI 24 23:05:46.8, 26.11N-103.29E, h21km, mb3.9, ML3.6

ISC 24 23:05:43.5, 0.6, 25.86N-103.47E, 0.06, h10km, n9, r095/15, mb3.3/3, MS3.2/1, C, Yunnan

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

Table with columns: CD2, CD2, CMAR, CMAR, XAN, SONM, JOW, MKAR, WRA. Includes station names like Chiang Mai Arr, Songoing Arr, Kumigami, Makanchi Array, Warramunga Arr.

PRU 24 23:17:39.9, 50.09N-18.40E, WARR 24 23:17:39.9, 50.06N-18.45E, ML2.4, Mining Indus, ISC 24 23:17:38.4, 0.5, 50.09N-18.42E, 0.04, n15, r19/19/29, 2D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Raciborz, Ostrava-Krasne, Ojow, Dobruska-Polom, Niezdzica, Ksiaz, Upice, Vyhne, Smolence, Smolence, Bratislava, Pruhonice, Kasperske Hory, Molin, Molin, Collm.

NDI 25 00:11:32.6, 4.8, 23.19N-85.90E, h35km, 287km, ML3.6

ISC 25 00:11:44.0, 2.0, 20.1N-83.59E, 0.08, h10km, n8, r078/10, Southern India

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BWNR BHUBANESHWAR, BWP, BWP, BWP, DMN, PKI, KOLN, KKN, GKN.

IDC 25 00:27:32.3, 1.6, 15.35S-177.49W, mb3.9/7, mb1 4.2/7, mb1mx4.1/15, MS4.1/16, MS4.4.1/16, ms1mx3.9/23, Error ellipse: s-maj=114.0km s-min=21.2km az=149.0

ISC 25 00:27:35.9, 1.2, 15.4S-0.5x177.6W, 0.4, h33km, n18, r083/7, mb3.8/7, MS4.1/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAR, RPZ, STKA, WRA, WRA, ASAR, ASAR, VNDA, JOW, NVAR, ILAR, ILAR, TXAR, TXAR, PDAR, PDAR.

MAW 25 00:27:37.2, 19.0S, MS4.2, baz=240, slow=34

CMAR Chiang Mai Arr 88.81 289 LR 01 16 48.5

YKA Yellowknife Arr 91.70 24 LR 01 15 28.2

PLCA Paso Flores 92.48 133 LR 01 10 50.6

ULM Lac du Bonnet 96.46 40 LR 01 17 41.6

BRTR Keskin Array B 143.52 318 PKP PKPdf 01 47 09.3 +1.9

KHC Kasperske Hory 145.12 347 eP PKPdf 01 47 14.3 +4.3

n22, r120/31, mb3.5/1, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kayabasi, Yerkesik, Tasuluk, Dalyan (Mudla), Arkhangelos, Samos, Denizli, Izmir, Karpathos, Manisa, Kastellorizon, Apeiranthos, Elmasi, Bukar, Parakevi, Altintas, Anoyia, Keskin Array B, Keskin Array B, Jabal al Asfar, GERES Array B, GERES Array B, Makanchi Array.

IDC 25 01:01:53.3, 3.4, 6.53Sx128.06E, h514km, 40km, mb3.5/6, mb1 3.6/9, mb1mx3.4/14, Error ellipse: s-maj=62.4km s-min=17.0km az=68.0

NEIC 25 01:01:54.5, 1.7, 6.59Sx127.89E, h529km, 24km, mb4.1/3, Error ellipse: s-maj=38.3km s-min=15.5km az=60.0

ISC 25 01:01:54.4, 2.7, 6.65S-0.2, 127.8E, 0.4, h542km, 39km, n14, r075/14, mb3.9/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WRAB, WRA, ASAR, CMAR, SONM, MKAR, ZAL, KURK, VNDA, VNDA, BVAR, BRVK, ZRNK.

ISK 25 01:06:42.5, 39.66N-39.66E, h7km, MD3.6

NEIC 25 01:06:47.4, 1.0, 39.58N-39.48E, h20km, mb3.6/1, Error ellipse: s-maj=21.5km s-min=13.7km az=143.0

IDC 25 01:06:48.3, 1.2, 39.66N-39.15E, mb3.5/4, mb1 3.6/8, mb1mx3.5/22, ML3.3/4, MS2.8/1, Ms1 2.8/1, ms1mx2.1/18, Error ellipse: s-maj=21.1km s-min=15.0km az=15.0

ISC 25 01:06:43.4, 0.4, 39.67N-0.3x39.65E, 0.04, h7km, n28, r124/36, mb3.6/4, 3C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERZC, Keltik, GUMT, BINT, ELZG, EZM, ERZM, ERZM, VRT, MYA, MYA, MALT, MALT, DYN, BTMT, SVSK, SVSK, SVST, BESIR, KARS, KARS, GAZ, GAZ, HNK, HNK, GNI, BRTR, BRTR, ASF, ASF, AKASO, GERES, FINES, ZRNK, BVAR, ESDC.

NEIC 25 01:12:03.7, 0.9, 16.81N-98.91W, h16km, MD3.9(MEX), After MEX

MEX 25 01:12:03.7, 0.9, 16.81N-98.91W, h16km, 14km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNIG, CAIG, CAIG, VHO, VHO, OXX.

WTTA	Wattenberg	69.99	16	11	P	P	02 33 24.2 +0.6
PLDF	La Plantade	70.03	22	eP	P	P	02 33 23.9 0.0
ENH	Enshi	70.09	297	eP	P	P	02 33 23.4 -1.1
SRO	Srobarova	70.18	11	eP	P	P	02 33 25.8 +1.0
PSZ	Piszkesteto	70.21	101	i	P	P	02 33 25.6 +0.7
RJF	Les Rejaudoux	70.28	23	eP	P	P	02 33 24.3 -1.1
RJF	comp-Z,15nm,0.7s,mb4.7						
USP	Ospenovka	70.30	329	P	P	P	02 33 25.6 0.0
EPON	Pontenova	70.30	30	P	P	P	02 33 24.7 -0.9
TKM2	Tokmak 2	70.36	329	P	P	P	02 33 25.9 0.0
KBA	Koelbreinsper	70.39	15	i	P	P	02 33 26.9 +0.9
ARSA	Arzberg	70.46	13	i	P	P	02 33 26.7 +0.2
LF	La Freste	70.49	24	eP	P	P	02 33 25.9 -0.8
CHMS	Chumysh	70.49	329	P	P	P	02 33 26.8 +0.1
BRMO	Bormio	70.60	17	eP	P	P	02 33 28.0 +0.7
FRU	Bishkek	70.68	329	eP	P	P	02 33 28.5 +0.6
CAF	comp-E,50um,1.2s						
CAF	Calviac	70.75	23	eP	P	P	02 33 27.2 -1.1
MCGN	Micucunaga	70.76	19	eP	P	P	02 33 29.4 +1.1
FVI	Forni Avoltri	70.79	15	eP	P	P	02 33 28.4 -0.1
AAK	Ala-Archa	70.90	329	P	P	P	02 33 29.4 +0.2
AAK	Ala-Archa	70.90	329	eP	P	P	02 33 28.3 -0.9
AAK	comp-E,26nm,1.3s,mb5.0						
LPL	La Plagne	70.99	20	eP	P	P	02 33 30.0 +0.3
LPG	La Plagne	71.01	20	eP	P	P	02 33 30.2 +0.4
EZAM	Zamans	71.03	32	P	P	P	02 33 30.4 +0.4
EKS2	Erkin-Say	71.05	330	P	P	P	02 33 30.6 +0.5
ORO	Oropa	71.08	19	eP	P	P	02 33 31.3 +1.0
OBKA	Obir	71.09	14	eP	P	P	02 33 30.7 +0.4
LS	Ceresole Reale	71.12	19	P	P	P	02 33 31.5 +1.1
TRAV	Castel Tesino	71.16	19	eP	P	P	02 33 31.2 +0.6
CTI	Gronbik	71.24	13	eP	P	P	02 33 31.0 0.0
GROS	Cadgr	71.27	14	eP	P	P	02 33 30.6 -0.8
CADS	Saint-Julien-1	71.29	21	eP	P	P	02 33 30.7 -0.8
VIVF	Karatay Array	71.38	332	P	P	P	02 33 31.5 -0.6
KKAR	comp-Z,7.0nm,0.7s,mb4.7						
RSP	Reno Superiore	71.43	19	P	P	P	02 33 32.8 +0.4
BNI	Bardonecchia	71.44	20	eP	P	P	02 33 32.7 +0.3
ORIF	Oris-en-Rattine	71.44	20	eP	P	P	02 33 31.8 -0.6
ORIF	comp-Z,9.5nm,0.6s,mb4.6						
ELOB	Lobios	71.45	32	P	P	P	02 33 32.7 +0.1
VOY	Vojsko	71.48	14	eP	P	P	02 33 31.8 -0.8
FENE	Fenestrelle	71.52	19	eP	P	P	02 33 33.6 +0.8
LJU	Ljubljana	71.54	14	eP	P	P	02 33 32.4 -0.6
AML	Almayush	71.57	330	P	P	P	02 33 34.1 +0.9
RRL	Cesana Torines	71.58	20	P	P	P	02 33 34.5 +1.3
KIS	Kishinev	71.61	31	i	P	P	02 33 32.0 -1.4
KIS	Esparrros	72.24	24	eP	P	P	02 33 35.0 +0.2
KIS	comp-Z,140nm,1.3s,mb5.7						
KIS	comp-Z,200nm,1.8s,MS4.4						
EALK	Alkurnuntz	71.68	26	P	P	P	02 33 33.4 -0.5
MBDF	Montbardon	71.77	20	eP	P	P	02 33 34.6 +0.2
PBRG	Braganca	71.84	31	eP	P	P	02 33 35.0 +0.2
SJPF	Ste Jean	71.84	26	eP	P	P	02 33 34.7 -0.1
RHK1	Bakonya	71.86	11	eP	P	P	02 33 35.3 +0.4
LASF	Ste Croix	71.90	22	eP	P	P	02 33 34.7 -0.5
CD2	Chengdu	71.92	302	P	P	P	02 33 35.3 -0.2
CD2	comp-Z,90nm,0.8s,mb5.8						
PZZ	Prazza	72.24	20	P	P	P	02 33 36.9 +0.9
PVRL	Vila Real	72.10	32	eP	P	P	02 33 36.8 +0.4
ETSF	Etsaut	72.19	26	eP	P	P	02 33 36.8 -0.1
EMF	Esparrros	72.24	25	eP	P	P	02 33 35.9 -1.3
SPRF	Simiane la B.	72.30	21	eP	P	P	02 33 37.6 +0.1
MTLF	Montleuis	72.31	23	eP	P	P	02 33 36.8 -0.8
STV2	Anna di Valdie	72.33	19	P	P	P	02 33 37.1 -0.5
STV	Sta Anna Valdi	72.33	19	P	P	P	02 33 37.2 -0.4
ENR	Entracque	72.36	19	P	P	P	02 33 37.4 -0.5
ROB	Robrecht	72.36	19	P	P	P	02 33 37.2 -0.7
FIN	Finale Ligure	72.50	17	P	P	P	02 33 37.9 +0.8
GRAM	Mont Tourneari	72.50	20	eP	P	P	02 33 38.5 -0.1
TOUF	Monesi	72.55	19	P	P	P	02 33 40.0 +1.2
CODM	Monesi	72.55	19	P	P	P	02 33 38.5 -0.3
BORO	Monesi	72.56	18	P	P	P	02 33 39.1 +0.1
PVIV	Viseu	72.58	32	eP	P	P	02 33 38.0 -1.0
PVIV	comp-Z,29nm,0.9s,mb5.2						
AUTN	L'Aution	72.58	19	eP	P	P	02 33 38.4 -0.7
AURF	Aurriere	72.67	20	eP	P	P	02 33 40.5 +0.9
EACH	Negi	72.71	17	P	P	P	02 33 40.1 +0.3
GSCL	Guosciola	72.71	19	eP	P	P	02 33 40.9 +1.1
SBF	Sospel	72.72	19	eP	P	P	02 33 39.5 -0.3
CALN	Calern	72.73	20	eP	P	P	02 33 39.3 -0.7
IMI	Imperia	72.74	19	P	P	P	02 33 39.7 -0.3
NEGI	Revere	72.82	20	eP	P	P	02 33 41.1 +0.6
REV	Revere	72.82	20	eP	P	P	02 33 40.6 -0.2
VINC	Vinca	72.85	17	P	P	P	02 33 39.7 -1.0
FRF	La Foret Royal	72.88	20	eP	P	P	02 33 40.6 -0.2
MTE	Manteigas	72.87	32	eP	P	P	02 33 42.0 +0.6
MTE	comp-Z,59nm,1.0s,mb5.5						
MTE	Manteigas	72.97	32	eP	P	P	02 43 05.8 +2.9
MTE	comp-Z,29nm,0.8s,mb5.0						
BDI	Bagni Di Lucca	72.99	17	eP	P	P	02 33 42.2 +0.8
LMR	La Moure	73.08	20	eP	P	P	02 33 41.9 -0.1
SEI	Scarpieria	73.11	17	eP	P	P	02 33 43.6 +1.4
WAG	Vicchio	73.12	17	eP	P	P	02 33 40.9 -1.3
SFI	Santa Sofia	73.22	16	eP	P	P	02 33 44.5 +1.1
PQG	Poggio Sodo	73.35	16	eP	P	P	02 33 45.2 +1.7
GOF	Gofitskyo	73.35	353	i	P	P	02 33 43.5 0.0
GOF	comp-Z,80nm,1.4s,mb5.5						
RSM	Repubblica Di	73.37	16	eP	P	P	02 33 44.6 +0.9
PTOM	Tomar	73.48	33	eP	P	P	02 33 44.6 +0.1
PCBR	Castello Branco	73.51	32	eP	P	P	02 33 44.8 +0.2
CSNT	Castellina Chi	73.67	17	eP	P	P	02 33 45.2 -0.2
SIM	Simferopol'	73.73	360	i	P	P	02 33 46.0 +0.7
SIM	comp-Z,20nm,0.9s,mb5.0						
SIM	comp-Z,200nm,20.1s,MS4.4						

ETOR	Toreto	73.86	27	P	P	P	02 33 47.4 +0.8
GRFL	Gerfalco	73.94	17	eP	P	P	02 33 47.1 +0.1
CINGO	Loures	73.98	33	eP	P	P	02 33 47.4 0.0
PLOU	comp-Z,85nm,0.9s,mb5.7						
PIU	Cingoli	74.01	15	eP	P	P	02 33 47.8 +0.3
PGF	Pioggiola	74.24	19	eP	P	P	02 33 48.4 -0.4
ASS	Assisi	74.25	16	eP	P	P	02 33 49.0 +0.1
GOLS	Golseva	74.43	9	i	P	P	02 33 49.4 -0.5
ESDC	Sonsecia Array	74.52	29	P	P	P	02 33 51.0 +0.5
ESDC	comp-Z,10nm,0.6s,mb4.9,baz=342,slow=5.5,SNR=42						
ESDC	comp-Z,128nm,21.2s,MS4.2,baz=355,slow=36						
ESDC	Sonsecia Array	74.52	29	P	P	P	02 33 51.1 +0.6
ESLA	Sonsecia Array	74.52	29	eP	P	P	02 33 50.6 +0.2
ESLA	comp-Z,23nm,1.4s,mb4.9						
MOE	Montemor	74.53	33	eP	P	P	02 33 51.2 +0.6
NRCA	Norcia	74.54	15	eP	P	P	02 33 50.9 +0.4
GVA	Guiyang	74.62	297	i	P	P	02 33 51.0 -0.3
GVA	comp-Z,40nm,0.7s,mb5.5						
GVA	comp-Z,150nm,4.6s						
GVA	comp-N,210nm,17.4s,MS4.6						
GVA	comp-E,180nm,16.8s,MS4.6						
EBAD	Badajoz	74.65	32	P	P	P	02 33 51.5 +0.2
PLE	Platze	74.72	11	i	P	P	02 33 52.5 +1.0
UPM	Unac-Piva	74.81	11	i	P	P	02 33 51.8 -0.2
MNS	Montasola	74.92	16	eP	P	P	02 33 52.3 -0.4
SOC	Sochi	74.98	355	i	P	P	02 33 53.7 -0.7
SOC	comp-Z,280nm,18.0s,MS4.6						
SOC	Plateau	75.50	10	i	P	P	02 34 09.8 +1.8
SOC	comp-Z,50nm,0.7s,mb5.5						
SOC	comp-N,25nm,0.8s						
SOC	comp-E,37nm,0.9s						
SOC	comp-Z,303nm,23.0s,MS4.5						
SOC	comp-N,212nm,26.0s						
AQU	L'Aquila	75.05	15	eP	P	P	02 33 53.2 -0.2
BRY	Brylvgost	75.12	11	i	P	P	02 33 53.4 -0.2
PBEJ	Beja	75.12	33	eP	P	P	02 33 54.3 +0.3
NKY	Niksic	75.20	11	i	P	P	02 33 53.4 -1.0
IVA	Berane	75.22	10	i	P	P	02 33 54.2 -0.2
PTEO	Teonion	75.36	34	eP	P	P	02 33 55.5 +0.2
BARS	Barje	75.43	9	i	P	P	02 33 54.7 -0.9
SDV	Santo Domingo	75.50	98	P	P	P	02 33 56.2 -0.4
SDV	Santo Domingo	75.50	98	eP	P	P	02 33 56.0 -0.5
PVY	Plav	75.50	10	i	P	P	02 33 55.6 -0.4
HCY	Herceg Novi	75.52	11	i	P	P	02 33 55.4 -0.7
TTG	Podgorica	75.61	11	i	P	P	02 33 55.8 -0.8
EMIN	Mina Concepcio	75.67	32	P	P	P	02 33 58.0 +0.9
EGRO	Egranado	75.69	33	P	P	P	02 33 57.7 +0.5
BUM	Brajci-Budva	75.70	11	i	P	P	02 33 56.9 -0.3
PALC	Alcoutim	75.76	33	eP	P	P	02 33 57.2 -0.4
CIL	Carovilli	75.78	15	eP	P	P	02 33 58.5 +0.8
EADA	Adamuz	75.81	30	P	P	P	02 33 59.1 +1.2
EVIA	Vianos	75.84	28	P	P	P	02 33 59.6 +1.5
ULC	Ulcinj	76.07	11	i	P	P	02 33 58.7 -0.5
SKO	Skopje	76.24	9	i	P	P	02 34 00.7 +0.4
MSC	Monte Massico	76.26	15	eP	P	P	02 33 59.7 -0.7
ESPR	Espera	76.73	32	eP	P	P	02 34 04.4 +1.3
ELOJ	Sierra Leja	76.88	30	P	P	P	02 34 05.7 +1.8
EMUR	La Murta	76.89	28	P	P	P	02 34 05.3 +1.3
ERON	Agron	77.09	30	P	P	P	02 34 06.7 +1.6
KNT	Kendrikon	77.15	8	eP	P	P	02 34 05.5 0.0
SRS	Serrai	77.24	8	eP	P	P	02 34 05.6 -0.3
EMJ	Mijas	77.29	31	P	P	P	02 34 07.5 +1.3
ROSC	El Rosal	77.104	104	P	P	P	02 34 07.2 +0.4
ROSC	comp-Z,24nm,0.7s,mb5.3,baz=329,slow=23,SNR=16						
GRG	Griva	77.32	9	eP	P	P	02 34 06.5 +0.1
FMA	Floina	77.42	9	eP	P	P	02 34 06.5 -0.4
KMI	Kunming	77.44	300	i	P	P	02 34 07.0 -0.3
KMI	comp-Z,224nm,20.1s,MS4.5,baz=38,slow=36						
KMI	comp-Z,148nm,4.3s						
KMI	comp-N,308nm,27.1s,MS4.6						
KMI	comp-E,270nm,30.4s,MS4.6						
MGR	Morigerati	77.49	14	eP	P	P	02 34 06.9 -0.4
SOH	Sokhos	77.52	8	eP	P		

NDI 25 02:22:49.3.1, 31.64N-84.07E, h10km, MD3.6
IDC 25 02:22:47.1.4, 30.37N-83.57E, mb3.8/5, mb1 4.0/7,
mb1mx3.8/20, ML4.2/2, MS3.1/1, Ms1 3.3/1, ms1mx2.4/26,
Error ellipse: s-maj=41.8km s-min=21.7km az=54.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PTH, LGTI, LSA, SDNR, NDI, SHL, SHL, GHA, GTA, MKAR, CMAR, GYA, KURK, ZAL, SONM, ZRNK, YAK, AKASG, FINES, WRA.

IDC 25 02:36:27.2.2.5, 7.05N-127.29E, mb3.8/3, mb1 3.9/3,
mb1mx3.6/18, Error ellipse: s-maj=183.0km s-min=25.0km
az=66.0

MAN 25 02:36:32.5.7, 0.08N-127.01E, h10km, ML3.6, MS3.6
ISC 25 02:36:29.2.6, 6.82N-108.127.27E, 0.0/7, h15km, 17km,
n9, r120/15, mb3.6/3, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MATI, BIPH, KCP, GSPH, WRA, ASAR, MKAR.

IDC 25 02:41:16.5.2.0, 30.52N-139.58E, mb4.0/5, mb1 4.0/5,
mb1mx3.6/21, Error ellipse: s-maj=93.0km s-min=28.0km
az=76.0

NEIC 25 02:42:03.6.1, 6.30N-128.61E, h440km, mb3.8/2,
Error ellipse: s-maj=58.3km s-min=19.9km az=76.0
ISC 25 02:42:02.2.4, 7.40N-110.2.138.5E, 0.6, h438km, 29km, n7,
r018/7, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAJO, MKAR, WRA, BVRK, ZRNK, ARCES, FINES.

IDC 25 02:49:07.6.2.8, 7.03N-126.94E, mb3.8/3, mb1 4.0/5,
mb1mx3.7/18, Error ellipse: s-maj=215.0km s-min=26.4km
az=62.0

ISC 25 02:49:18.5.4.9, 6.8N-0.3.126.5E, 0.6, h108km, 40km, n8,
r086/8, mb3.6/4, 1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GSPH, KAKA, FITZ, WRA, WB2, ASAR, MKAR.

IDC 25 01:59:3.2, 49.59S-115.96E, mb3.8/2, mb1 4.1/2,
mb1mx3.7/9, MS4.1/2, Ms1 4.1/2, ms1mx3.6/15, Error
ellipse: s-maj=180.0km s-min=58.8km az=116.0,
Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR, WRA, PMG, ASAJ, YKA, TXAR, YKA, PDAR, EKA.

NEIC 25 03:10:01.0, 36.02S-71.65W, h12km, ML3.0(GUC), After
GUC.

GUC 25 03:10:01.0, 1.0, 36.02S-71.65W, h12km, 6km, MD3.8,
ML3.0, 6D, Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TALC, CCHI, COCH, NICH, SFDO, CICH, LNV, CACH, CHCH, LML, FCH, FCH.

IDC 25 03:11:56.6.1, 0.7, 0.9N-127.14E, mb3.8/5, mb1 4.0/5,
mb1mx3.8/18, Error ellipse: s-maj=61.1km s-min=21.4km
az=79.0

MAN 25 03:12:10.4, 6.87N-126.45E, h13km, mb4.5, ML3.4, MS3.3
ISC 25 03:12:01.0, 1.6, 6.52N-108.126.99E, 0.10, h10km, n8,
r15/10, mb3.6/5, 1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KCP, GSPH, SCPH, FITZ, WRA, ASAR, MKAR, ILAR.

NIED 25 03:22:00, 36.20N-137.10E, h260km, Mw4.1 Best double
couple: M1.48x10^15 NP1.9e167, d76, l-60. NP2:
e6279, d33, l-154

IDC 25 03:22:33.1, 2.0, 36.17N-137.00E, h244km, 20km,
mb3.5/15, mb1 3.7/18, mb1mx3.5/30, Error ellipse:
s-maj=15.8km s-min=10.7km az=106.0

JMA 25 03:22:34.7, 0.1, 36.17N-137.10E, h270km, 1km, Mb3.7
NEIC 25 03:22:34.7, 0.4, 36.14N-136.90E, h261km, mb4.3/6,
Error ellipse: s-maj=8.7km s-min=6.5km az=135.0
ISC 25 03:22:34.2, 0.3, 36.18N-104.136.98E, 0.06, h271km, 2km,
n47, r083/61, mb3.7/19, 5C-5D, Near west coast of
eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JGN, JGM, JKG, MAJO, MAT, MATSUSHIRO, JSZ, JYJ, JRY, JWT, JHG, JIE, JOD, JAG, JSD, JWY, JNS, JWZ, JHW, JHU, JNU.

ASAJ Ashikawa 9.01 27 P 02 34 38.1 -2.8
YSS Yuzh-Sakhalins 11.59 20 eP 02 25 09.6 -3.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JOW, MAT, ENSHI, SONM, CMAR, MKAR, BVAR, ZRNK, ILAR, FITZ, WRA, INK, ASAR, HFS, NOA, NVAR, PDAR, EKA.

PV10 Paradox Valley 83.97 46 eP 03 34 37.3 +2.3
PV01 Paradox Valley 84.41 46 eP 03 34 38.4 +1.1
TXAR Lajitas Array 93.43 50 P 03 35 21.3 +1.2

1.4nm, 0.6s, mb4.0, baz=292, slow=3.4, SNR=25
TXAR Lajitas Array 93.43 50 P 03 35 21.3 +1.2

DJA 25 03:29:53.4.1, 1.8, 43S-115.63E, h146km, 8km, MD4.8/3,
ML4.0/1, 2C-4D, Error ellipse: s-maj=49.2km
s-min=13.9km az=9.0, Bali region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RATI, KEDI, KEDI, KELI, KELI.

MAN 25 03:33:25.5, 6.94N-127.04E, h1km, mb5.0, ML3.9, MS4.0
IDC 25 03:33:29.4, 3.3, 6.77N-126.73E, h64km, 79km, mb3.7/10,
mb1 3.9/10, mb1mx3.7/21, MS3.9/2, Ms1 3.9/2,
mb1mx3.2/23, Error ellipse: s-maj=47.4km s-min=14.6km
az=76.0

NEIC 25 03:33:23.0, 6.0, 6.78N-126.68E, h98km, 58km, mb4.1/3,
Error ellipse: s-maj=23.5km s-min=9.2km az=73.0
ISC 25 03:33:31.5, 1.2, 6.77N-105.126.8E, 0.1, h104km, 11km,
n28, r121/33, mb3.9/12, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KCP, KCP, GSPH, GSPH, CTBH, CTBH, CGH, CGH, SCGP, SCGP, PAGO, PAGO, TBP, TBP, PLP, PLP, TG, TG, FITZ, FITZ, JNU, JNU, WRAB, WRAB, WRA, WRA, CMAR, CMAR, ASAR, ASAR.

ASAR Alice Springs 31.03 167 P 03 39 41.8 0.0
0.4nm, 0.4s, mb3.5, baz=340, slow=7.4, SNR=4.2

STKA Stephens Creek 40.94 161 P 03 41 05.6 +0.2
5.0nm, 1.1ms, mb4.2, baz=349, slow=2.5, SNR=2.7

STKA Stephens Creek 40.94 161 eP 03 41 06.4 +1.1
SONM Songoing Array 44.7 340 P 03 41 33.7 -0.3
0.3nm, 0.4s, mb3.4, baz=135, slow=8.2, SNR=3.0

MKAR Makanchi Array 55.14 324 P 03 42 55.1 -0.2
0.3nm, 0.6s, mb4.4, baz=126, slow=7.9, SNR=19

KURK Kurchatov 55.29 327 eP 03 43 22.4 -1.9
3.4nm, 0.8s, mb4.4
BRVK Borvoeye Array 64.84 326 P 03 44 01.3 -0.8
3.4nm, 0.9s, mb3.2, baz=117, slow=6.6, SNR=6.4

ZRNK Kurchatov 65.58 326 eP 03 44 05.8 -0.5
PMR Palmer 81.27 29 eP 03 45 38.3 +1.0
1.5nm, 0.5s, mb4.1

ILAR Eielson Array 82.35 26 P 03 45 43.9 +1.0
0.2nm, 0.3s, mb3.7, baz=234, slow=5.4, SNR=4.4

AKASG Altona Bay 89.60 321 P 03 46 19.3 +0.7
0.2nm, 0.3s, mb3.7, baz=340, slow=6.4, SNR=4.3

IDC 25 03:46:19.4, 8.8, 53.23N-168.42W, mb3.7/6, mb1 4.0/7,
mb1mx3.7/24, ML3.7/1, MS2.9/1, Ms1 3.1/1, ms1mx2.5/29,
Error ellipse: s-maj=157.0km s-min=34.5km az=83.0
NEIC 25 03:47:2.3, 53.38N-166.13W, h37km, mb3.8/1,
ML3.7(AIC), After GUC

ISC 25 03:46:36.2, 0.7, 53.5N-0.1, 166.3W, 0.1, h69km, 7km, n33,
r074/38, mb3.6/5, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include UNV, UNV, MNAT, MNAT, MKSH, MKSH, MKTBL, MKTBL, AKLV, AKLV, AKGG, AKGG, OKGH, OKGH, WESE, WESE, WESE, WESE, WTUG, WTUG, SSSLW, SSSLW, FALS, FALS, BALA, BALA, DRIA, DRIA, DTNA, DTNA, HAG, HAG, PVV, PVV, SDPT, SDPT, SAI, SAI, ATKA, ATKA, SML, SML, ILAR, ILAR, DLBC, DLBC, INK, INK, INK, INK, YKA, YKA, YKA, YKA, NVAR, NVAR, PDAR, PDAR, TXAR, TXAR.

BUI 25 03:59:23.6, 16.01S-177.33W, h31km, mb4.9, mb4.7,
Ms4.8, MS2.4

IDC 25 03:59:23.0, 0.8, 15.18S-177.52W, mb4.2/11, mb1 4.5/11,
mb1mx4.4/16, MS4.6/16, Ms1 4.6/16, ms1mx4.5/23, Error
ellipse: s-maj=42.6km s-min=17.6km az=144.0

NEIC 25 03:59:25.0, 3.0, 4.15S-177.56W, h15km, mb4.7/8,
MS4.4/1, Error ellipse: s-maj=20.8km s-min=11.7km
az=140.0

ISC 25 03:59:26.5, 0.4, 15.3S-0.1, 177.58W, 0.09, h33km, n59,
r123/37, mb4.5/22, MS4.6/20, 1C, Fiji Islands region

MDJ	comp=E,50nm,0.7s	9.22 276	P	P	05 21 42.6 +0.3
MDJ	Mudanjiang		S	AMB	05 23 25.0 +1.2
MDJ	comp=Z,209nm,0.8s		AMB	AMB	
MDJ	comp=Z,80nm,3.7s	9.22 276	eP	P	05 21 42.4 +0.1
MDJ	Mudanjiang		eP	P	05 22 08.0 +0.6
SKR	Severo-Kuril's	11.20 51	eP	AMB	05 22 10.1
SKR	comp=Z,200nm,1.0s		AMB	AMB	05 22 10.1
SKR	comp=Z,470nm,1.0s		AMB	AMB	05 22 10.1
SKR	comp=Z,70nm,0.4s		eS	A	05 24 09.8 +0.5
SKR	comp=Z,50nm,0.5s		A	A	05 24 15.0
SKR	comp=Z,80nm,0.5s		A	A	05 24 15.0
SKR	comp=Z,30nm,0.5s		A	A	05 24 15.0
SKR	Severo-Kuril's	11.20 51	ePN	P	05 22 08.0 +0.6
SKR			eS	S	05 24 09.8 +0.5
SKR			eS	pmax	
JHU	comp=Z,70nm,0.4s	11.39 192	P	P	05 22 08.0 -2.0
JHU	Hachijo jima Z		P	P	05 24 06.8 -6.9
JHU	comp=Z,65nm,0.3s,baz=251,slow=22,SNR=12		S	S	05 24 06.8 -6.9
CN2	Changchun	12.26 273	eP	P	05 22 20.5 -0.4
CN2			eXP	P	05 23 10.5
CN2			eS	A	05 24 32.5 -1.2
CN2			AMB	AMB	
KS15	Wonu Array Si	13.00 243	eP	P	05 22 30.4 +0.8
ZEA	Zeya	13.70 319	eP	AMB	05 22 39.4 +0.2
ZEA	comp=Z,62nm,0.8s		AMB	AMB	05 22 40.6
ZEA	comp=Z,42nm,0.8s		AMB	AMB	05 22 40.6
ZEA	comp=Z,84nm,0.7s		AMB	AMB	05 22 40.6
SNY	Shenyang	14.04 266	iP	P	05 22 43.3 +0.4
SNY			AMB	AMB	
JNU	comp=Z,20nm,0.9s	14.38 223	P	P	05 22 48.4 +1.3
JNU	Nakatsu		P	P	05 22 48.4 +1.3
JNU	comp=Z,2.2nm,0.3s,baz=73,slow=16,SNR=12		P	P	05 22 48.4 +1.3
MA2	Magadan	16.08 150	eP	pmax	05 23 06.9 -0.7
MA2	comp=Z,26nm,0.9s		pmax	pmax	
MA2	Magadan	16.08 15	eP	P	05 23 06.5 -1.1
MA2	comp=Z,34nm,0.7s		P	P	05 23 09.4 -0.9
HIA	Hailar	16.31 296	eP	P	05 23 09.4 -0.9
DL2	Dalian	16.49 258	P	AMB	05 23 12.5 -0.1
DL2			AMB	AMB	
CLNS	Chul'man	16.71 325	eP	P	05 23 13.9 -1.0
CLNS	comp=Z,49nm,0.5s		pmax	pmax	
CLNS	comp=N,26nm,0.6s		pmax	pmax	
CLNS	comp=E,8.0nm,0.7s		pmax	pmax	
CBJ	Chichi jima	17.20 181	P	P	05 23 21.8 +1.2
YAK	Yakutsk	19.25 342	eP	P	05 23 39.4 -2.0
YAK	comp=Z,21nm,0.3s,baz=297,slow=10.0,SNR=5.1		eS	S	05 27 00.2 -2.3
YAK			pmax	pmax	
YAK	comp=Z,27nm,0.8s		pmax	pmax	
YAK	comp=N,7.0nm,0.5s		pmax	pmax	
YAK	comp=E,4.0nm,0.9s		pmax	pmax	
YAK	comp=E,21nm,1.1s		smax	smax	
YAK	comp=N,28nm,1.0s		smax	smax	
YAK	Yakutsk	19.25 342	eP	P	05 23 39.1 -2.3
SEY	Seymchan	19.50 14	eS	S	05 23 44.7 +0.7
SEY			eS	pmax	05 27 09.7 +2.5
SEY	comp=E,40nm,0.6s		pmax	pmax	
SEY	comp=Z,90nm,0.6s		smax	smax	
SEY	comp=N,60nm,1.2s		smax	smax	
BJI	Beijing	19.92 267	P	AMB	05 23 47.4 -1.0
BJI	comp=Z,61nm,0.8s		P	P	05 23 47.8 -0.7
BJT	Baijituau	19.93 267	eP	P	05 23 58.3 0.0
TIA	Tai'an	20.91 256	eP	AMB	05 23 58.3 0.0
TIA	comp=Z,58nm,1.1s		AMB	AMB	
SSE	Sheshan	21.33 239	P	AMB	05 24 01.8 -0.5
SSE	comp=Z,28nm,0.7s,mb4.9		AMB	AMB	
SSE	comp=Z,383nm,5.3s		AMB	AMB	
FX1	Attu Island-F	21.88 56	P	P	05 24 09.5 +2.0
FX1	Attu Island-F	21.88 56	P	pmax	05 24 09.5 +1.9
FX1	comp=Z,17nm,0.4s,mb4.9		pmax	pmax	
FX1	Attu Island-F	21.88 56	eP	P	05 24 09.1 +1.5
NJ2	Nanjing	22.16 244	eP	P	05 24 10.8 +0.4
NJ2			PP	P	05 24 48.3 +2.8
NJ2			S	P	05 27 57.0 +2.3
NJ2			PCS	S	05 31 41.0
NJ2	comp=Z,80nm,1.0s,mb5.2		AMB	AMB	
NJ2	comp=N,4um,11.9s		LR	LR	
NJ2	comp=E,4um,14.2s		LR	LR	
NJ2	comp=Z,4um,14.9s		LR	LR	
BOD	Bodaibo	22.20 318	eP	P	05 24 08.0 -2.6
HHC	Hu-ho-hao-te	22.95 272	eP	P	05 24 18.4 +0.4
HHC			S	AMB	05 28 15.3 +7.3
HHC	comp=Z,23nm,0.4s,mb5.1		AMB	AMB	
HHC	comp=Z,192nm,4.5s		AMB	AMB	
BTO	Baotou	24.14 273	eP	P	05 24 30.5 +1.4
BTO	comp=Z,58nm,1.0s,mb5.2		AMB	AMB	
SONM	Songino Array	25.12 291	P	P	05 24 39.3 +1.1
SONM	comp=Z,8.1nm,0.5s,mb4.6,baz=83,slow=8.7,SNR=70		S	S	05 28 48.1 +4.0
SONM	comp=Z,0.8nm,0.8s,baz=54,slow=12,SNR=4.0		S	S	05 24 49.0 +1.9
WHN	Wuhan	26.08 248	P	P	05 24 54.4 -0.9
ZAK	Zakamensk	27.00 297	eP	P	05 25 02.3 -0.3
XAN	Xi'an	27.79 260	eP	AMB	05 25 02.3 -0.3
XAN	comp=Z,6.0nm,0.9s,mb4.5		AMB	AMB	
ENH	Enshi	29.53 253	eP	P	05 25 17.2 -0.9
LZH	Lanzhou	30.40 268	iP	P	05 25 26.3 +0.6
LZH			AP	pp	05 26 10.8 -0.5
LZH			XP	S	05 26 35.9 -1.7
LZH			S	S	05 30 08.6 +0.1
LZH			XS	AMB	05 31 28.4
LZH	comp=Z,33nm,1.3s,mb4.8		AMB	AMB	
LZH	comp=Z,112nm,5.2s		AMB	AMB	
GYA	Guiyang	33.87 250	iP	P	05 25 56.3 +0.7
GYA			AP	pp	05 25 41.4 -0.7
GYA			XP	sp	05 27 07.3 -1.0
GYA			PP	PP	05 27 14.0 -3.8
GYA	comp=Z,10.0nm,0.5s,mb4.6		AMB	AMB	
GYA	comp=N,160nm,15.0s		LR	LR	
GYA	comp=E,150nm,14.7s		LR	LR	
GYA	comp=Z,210nm,13.8s		LR	LR	
KMI	Kunming	37.41 253	eP	P	05 26 26.3 +0.9

KMI	AP	pP	05 27 12.8 +0.2		
KMI	XP	sp	05 27 36.3 -2.6		
KMI	S	AMB	05 31 57.5 +1.1		
KMI	comp=Z,13nm,1.0s,mb4.4	LR	LR		
WMQ	comp=Z,26nm,22.5s	38.73 289	iP	P	05 26 38.4 +2.2
WMQ	Urumqi		AP	pp	05 27 23.8 +0.1
WMQ			PP	PP	05 28 16.4 +4.7
WMQ			PCP	PCP	05 28 46.4 +2.9
WMQ			eS	S	05 32 18.6 +2.6
WMQ			AMB	AMB	
RSO	comp=Z,9.0nm,0.7s,mb4.4	40.85 43	P	P	05 26 54.6 +1.1
IKAR	Reoubot South	41.31 295	P	P	05 26 58.1 +0.8
IKAR	comp=Z,6.9nm,0.6s,mb4.3,baz=80,slow=8.8,SNR=25		P	P	05 27 06.8 +0.9
KURK	Kurchatov	42.39 302	P	P	05 27 06.1 +0.2
KURK	Kurchatov	42.39 302	P	pmax	05 27 06.1 +0.2
KURK	comp=Z,1.0nm,0.7s,mb3.4	42.39 302	eP	P	05 27 06.0 0.0
COLA	College	42.60 36	eP	P	05 27 06.8 -0.6
COLA	comp=Z,13nm,0.4s,mb4.4		eP	P	05 27 06.4 -1.0
COLA	College	42.60 36	eP	P	05 27 06.4 -1.0
SML	Sawmill	42.78 41	eP	P	05 27 09.2 +0.2
ILAR	Eielson Array	43.02 36	eP	P	05 27 10.6 -0.3
ILAR	comp=Z,3.9nm,0.7s,mb4.0,baz=247,slow=6.1,SNR=42		PP	PP	05 28 53.6 -1.8
ILAR	Eielson Array	43.02 36	P	P	05 27 10.6 -0.2
ILAR	comp=Z,0.9nm,1.1s,baz=225,slow=9.3,SNR=2.7		P	P	05 28 53.7
ILAR			pmax	pmax	
ILAR	comp=Z,4.0nm,0.7s		pmax	pmax	
ILAR	comp=Z,1.0nm,1.1s		pmax	pmax	
CMAR	Chiang Mai Arr	44.52 249	P	P	05 27 24.2 +0.8
CMAR	comp=Z,0.7nm,0.4s,mb3.4,baz=45,slow=6.4,SNR=4.0		PP	PP	05 29 08.3 -2.4
CMAR	Chiang Mai Arr	44.52 249	P	P	05 27 24.3 +0.9
CMAR	comp=Z,0.6nm,0.4s,baz=32,slow=8.5,SNR=3.3		P	P	05 29 08.4
CMAR			pmax	pmax	
CMAR	comp=Z,1.0nm,0.4s		pmax	pmax	
CMAR	comp=Z,1.0nm,0.4s		pmax	pmax	
VOSK	Vostochnaya	46.27 307	P	P	05 27 36.5 -0.2
VOSK	comp=Z,12nm,0.9s,mb4.2		pmax	pmax	
DAWY	Dawson	46.34 36	eP	P	05 27 36.5 -0.7
BVA0	Borovoye Array	46.50 308	iP	P	05 27 38.5 0.0
BVA0	comp=Z,1.0nm,0.8s,mb3.2		pmax	pmax	
BVAR	Borovoye Array	46.50 308	P	P	05 27 38.6 +0.1
BVAR	comp=Z,7.8nm,0.5s,mb4.3,baz=75,slow=8.5,SNR=49		P	P	05 34 07.9 -0.6
BVAR	comp=Z,1.9nm,0.9s,baz=90,slow=16,SNR=2.7		P	P	05 27 39.1 +0.2
BRVK	Borovoye	46.55 308	P	pmax	05 27 39.1 +0.2
BRVK	comp=Z,11nm,1.1s,mb4.1		pmax	pmax	
BRVK	Borovoye	47.63 308	eP	P	05 27 38.9 0.0
BRVK	comp=Z,22nm,1.1s,mb4.4		pmax	pmax	
ZRNK	Zerenda	47.31 308	P	P	05 27 45.0 +0.2
ZRNK	comp=Z,14nm,0.9s,mb4.3		pmax	pmax	
ZRNK	Zerenda	47.31 308	eP	P	05 27 44.9 +0.1
ZRNK	comp=Z,18nm,0.8s,mb4.4		pmax	pmax	
INK	Inuvik	47.60 30	P	P	05 27 46.2 -0.7
INK	comp=Z,5.8nm,0.3s,mb4.3,baz=281,slow=6.1,SNR=39		P	P	05 27 46.2 -0.6
INK	Inuvik	47.60 30	P	pmax	05 27 46.2 -0.6
INK	comp=Z,6.0nm,0.4s		pmax	pmax	
INK	Inuvik	47.60 30	eP	P	05 27 46.0 -0.8
INK	comp=Z,6.4nm,0.5s,mb4.0		pmax	pmax	
GUN	Gumbi	47.63 270	eP	P	05 27 46.8 -0.8
GUN	comp=Z,23nm,0.3s,mb4.9		P	P	05 27 50.5 -1.0
KKN	Kakani	48.13 270	eP	P	05 27 51.8 0.0
KKN	comp=Z,18nm,0.5s,mb4.7		P	P	05 27 51.8 0.0
PKI	Pulchra	48.17 270	eP	P	05 27 51.8 0.0
PKI	comp=Z,9.3nm,0.4s,mb4.5		P	P	05 27 52.6 -0.6
DMN	Daman	48.36 270	eP	P	05 27 52.6 -1.4
GKH	Gorkha	48.47 271	eP	P	05 27 52.6 -1.4
GKH	comp=Z,16nm,0.4s,mb4.7		P	P	05 28 01.2 +0.5
KOLD	Koldana	49.35 271	eP	P	05 28 01.2 +0.5
KOLD	comp=Z,14nm,0.4s,mb4.4		P	P	05 28 16.8 -0.3
ARU	Arti	51.59 315	eP	pmax	05 28 16.8 -0.3
ARU	comp=Z,16nm,0.9s,mb4.5		pmax	pmax	
ARU	Arti	51.59 315	eP	P	05 28 16.6 -0.6
ARU	comp=Z,23nm,0.8s,mb4.7		P	P	05 28 23.7 -0.1
DLBC	Dease Lake	52.50 41	P	P	05 28 23.7 -0.1
DLBC	comp=Z,2.1nm,0.7s,mb3.7,baz=273,slow=6.9,SNR=5.9		P	P	05 28 43.0 -1.4
RES	Resolute Bay	55.35 16	eP	P	05 28 43.0 -1.4
RES	comp=Z,26nm,0.8s,mb4.8		P	P	05 28 54.0 -1.7
KEV	Kevo	56.95 338	eP	P	05 28 54.0 -1.7
KEV	comp=Z,1.6nm,0.3s,mb4.1		P	P	05 28 54.0 -1.7
KEV	Kevo	56.95 338	eP	pmax	05 28 54.0 -1.7
KEV	comp=Z,2.0nm,0.3s,mb4.2		pmax	pmax	
YKA	Yellowknife Arr	57.16 33	P	P	05 28 56.9 -0.4
YKA	comp=Z,4.1nm,0.5s,mb4.3,baz=308,slow=7.2,SNR=22		P	P	05 28 56.9 -0.4
YKA	Yellowknife Arr	57.16 33	P	pmax	05 28 56.9 -0.4
YKA	comp=Z,4.0nm,0.5s		pmax	pmax	
ARCES	ARCES Array B	57.49 338	P	P	05 28 58.4 -1.2
ARCES	comp=Z,4.2nm,0.8s,mb4.1,baz=53,slow=8.8,SNR=13		P	P	05 28 58.4 -1.2
ARCES	ARCES Array A	57.49 338	P	pmax	05 28 58.4 -1.2
ARCES	comp=Z,4.0nm,0.8s		pmax	pmax	
KAF	Kangasniemi	62.24 332	eP	P	05 29 27.0 -4.9
KAF	comp=Z,2.7nm,0.4s,mb4.2		P	P	05 29 27.0 -4.9
KAF	Kangasniemi	62.24 332	eP	pmax	05 29 27.0 -4.9
KAF	comp=Z,3.0nm,0.4s,mb4.3		pmax	pmax	
FINES	FINESS Array B	62.78 331	P	P	05 29 34.2 -1.3
FINES	comp=Z,13nm,0.5s,mb4.6,baz=70,slow=7.4,SNR=108		P	P	05 29 34.2 -1.3
FINES	FINESS Array B	62.78 331	P	pmax	05 29 34.2 -1.3
FINES	comp=Z,13nm,0.5s		pmax	pmax	
OBN	Obninsk	62.81			

Table with columns for station name, coordinates, and time. Includes stations like MKAR, YAK, MA2, KZM, etc.

Table with columns for station name, coordinates, and time. Includes stations like KAMS, SYO, YSO, QSPA, etc.

Table with columns for station name, coordinates, and time. Includes stations like KSU1, JCT, SCHD, CCM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kamata 2, Yasuok, Shimob, etc.

IDC 25:20:21.52.1±3.0, 32.333S×178.38W, mb3.9, mb1.4/1.4, mb1mx3.9/16, ML3.7/1, Error ellipse: s-maj=67.4km s-min=45.0km az=121.0, South of Kermadec Islands

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

STR 25:20:45:16.7±0.1, 46.35N-6.66E, h5km, 1km, ML2.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ZUR 25:20:45:16.9, 46.33N-6.64E, h6km, ML2.3/7, NEIC 25:20:45:16.7, 46.35N-6.66E, h5km, ML2.9(LDG), ML2.9(GEN), ML2.8(STR), ML2.3(SZGRF), After STR, LDG 25:20:45:17.4±0.1, 46.35N-6.60E, h2km, Md2.9/3, Md2.9/32, Error ellipse: s-maj=1.2km s-min=0.9km az=122.0, ISC 25:20:45:14.8±0.2, 46.36N-0.01±6.50E±0.02, h3km, 2km, n89, ±120/171, 12C-6D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Vacheresse, Gimel, Aigle, CABF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lac Salante, Vieux Emosson, Gryon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lac Senin, Grande Dixence, Leukerbad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Plagne, Ceresole Reale, Lomont, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matmak, Macugnaga, Bourrignon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Grand Maison, Hasliberg, Grenoble, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Oropa, Balsthal, Bardonecchia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cesana Torines, Hinterferal, Oris-en-Rattie, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Molkenrain, Bricherasio, Montbardon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Varesse, Haudompre, Muggio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Signal de Mont, PZZ, ECH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Limburg, Schleithelm, Saint-Julien-l'Or, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lormes, La Plantade, Sextfontaines, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Champ du Feu, WLS, Saint Saule, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Anna di Valdie, Sta Anna Valdi, Avril sur Loir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ENR, Roburent, Pian Castagno, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Saint Agoulin, Maizieres J'vi, Refroy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Monesi, Finale Ligure, Simiane la Rot, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Damuels, Petit Puy Mans, Bois d'Agland, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Humbligny, Ste Croix, Wattenberg, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Moure, Calviac, Wattenberg, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Les Rejaudoux, Baives, Baif, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Frestale, Montoliou, Saint Martin d, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Fruitiere, La Foliniere, Gorrion, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Saint Gilles, Quistinc, Rostrenen, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Raciborz, Ostrava-Krasne, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Licovka, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dobruska-Polom, Niedzica, Vranov, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Raciborz, Ostrava-Krasne, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Licovka, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dobruska-Polom, Niedzica, Vranov, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Raciborz, Ostrava-Krasne, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ojcow, Licovka, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dobruska-Polom, Niedzica, Vranov, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kasperske Hory, GERSER Array B, GERSER, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mollin, Collin, Bornholm Skovb, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Norsar Array B, FINESS Array B, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like El Chirero, San Pedro Mart, Rancho Dowling, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Esteban Cantu, Piedras Gordas, Punta Banda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ensenada, Cerro Bola, Montoumerai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like L'Aution, Auriere, Saorge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sospel, Calern, Montbardon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like La Foret Royal, La Moure, Simiane la Rot, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Oris-en-Rattie, La Plagne, Saint-Julien-l'Or, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pioggia, Palo, Surigao, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, Matakaoa Point, Katakaoa Point, etc.

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

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

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

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

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

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

ISC 25 23:08:27.01.1, 46.45N, 0.07x15.07E, 0.05, n5, e050/8, 2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PERS Pernice, BISS Bistriski jare, GROS Grobnik.

IDC 25 23:19:56.8-3.6, 30.03N-114.02W, mb3.6/1, mb1 3.9/3, mb1mx3.6/19, ML3.9/2, MS3.2/1, Ms1 3.3/1, ms1mx2.6/20, Error ellipse: s-maj=58.8km s-min=20.5km az=37.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, PDAR Pinedale Array, ILAR Eielson Array.

IDC 25 23:20:45.7-3.4, 30.11N-113.98W, mb3.9/2, mb1 3.9/5, mb1mx3.7/20, ML3.2/3, MS3.3/3, Ms1 3.3/3, ms1mx2.8/25, Error ellipse: s-maj=59.6km s-min=16.5km az=35.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array.

IDC 25 23:26:00.4-2.0, 41.31N-19.43E, mb3.7/2, mb1 3.7/5, mb1mx3.5/21, ML3.3/3, Error ellipse: s-maj=23.4km s-min=15.5km az=27.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array.

TIR 25 23:26:03.4, 41.45N-19.54E, h13km, M12.7, PDG 25 23:26:03.4, 41.45N-19.54E, h13km, 3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

ATH 26 00:00:55.6, 34.94N-28.68E, h10km, MD3.0/3, ISK 26 00:01:09.3, 36.47N-28.83E, h9km, MD3.2, ISC 26 00:01:08.3, 1.2, 36.40N-0.06-28.83E, 0.07, h3km, 8km, n11, e052/15, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRZA Preza, LACI Lac, TIR Tirane, QSH Qafa e Shtames.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVLI Novolja, NVLJ Montasola, MNS Assisi, FSSB Fossombrone.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MURB Monte Urbino, VOY Vojsko, VOY Monte Rosu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES GERESS Array B, GERES La Foret Royal, LMR La Moure.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOX Moxa, CABF La Chapelle, HINF Hinterfeld.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORIF Oris-en-Rattie, MOX Moxa, CABF La Chapelle.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORL Orlik, MOY Mondy, MOY MOY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAK Zakamensk, ZAK Zakamensk, ZAK Talaya.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSTR Listvyanka, LSTR Listvyanka, LSTR Tyrgan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRG Tyrgan, TASR Tashtagol, AKAR Aktagash.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARK Arkhangelsk, KSL Kastellorizon, YER Yerkesis.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALT Dalyan (Mudla), DALT Dalyan (Mudla), ARG Arkhangelsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS JuntasAbangare, TEIG Tepich, ROSC El Rosal.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, PLCA Pinedale Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, RSSD Black Hills, HLID Hailey.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP Villa Florida, ULM Lac du Bonnet, BDFB Brasilia.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCHO Schefferville, ILAR Eielson Array, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECX El Chintero, ECXB El Chintero, SPX San Pedro Mart.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RDX Rancho Dowling, RDX Rancho Dowling, RDX Rancho Dowling.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WRAB Tennant Creek.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Lists stations like Urewera, Matawai, Matakaoa Point, etc.

ATH 26 08:08:14.7, 38.61N;-22.16E, h17km, 3km, MD3.9/21, ML4.0
THE 26 08:08:16.9, 38.71N;-22.31E, h10km, ML4.0
BUJ 26 08:08:16.2, 39.38N;-21.75E, h13km, mB4.8, Ms4.5, Ms24.3
NEIC 26 08:08:16.9, 38.71N;-22.31E, h10km, MD3.7(PDG), ML4.0(TH), ML4.0(ATH), After THE.
PDG 26 08:08:19.4, 0.3, 38.54N;-21.08E, h12km, 1km
IDC 26 08:08:19.3, 2, 38.61N;-22.25E, h34km, 26km, mb3.6/9, mb1.3/8/14, mb1mx3.7/26, ML3.8/6, MS3.3/1, Ms1.3/3/1, mb1mx2.4/21, Error ellipse: s-maj=23.5km s-min=17.0km az=35.0
ISC 26 08:08:15.4, 0.5, 38.67N;-0.02, -22.26E; 0.02, h11km, 3km, n103, s19/193, mb4.2/13, MS3.9/2, 2C-11D, Greece

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Lists stations like Rodhopi, Varnos, Alexandroupoli, etc.

OTT 26 08:04:05.9; 0.2, 64.78N;-86.39W, h18km, MN3.3/11, Wager Bay area, Nu 170km northwest from Coral Harbour, Nu Boothia Ungava Seismic Zone., Northwest Territories

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Lists stations like Igloolik, Fort Churchill, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Lists stations like GLWN, KNDN, MGTN, etc.

NEIC 26 09:04:44.9, 28.61S;-72.33W, h24km, ML3.8(GUC), After GUC.
GUC 26 09:04:44.9, 0.8, 28.61S;-72.33W, h24km, gkm, MD3.8, ML3.8, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Lists stations like VACH, LSCH, TLL, etc.

IDC 26 09:16:59.8; 24.0, 16.66S;-172.22W, mb3.9/4, mb1.4/14, mb1mx3.8/18, Error ellipse: s-maj=450.0km

BVAR Borovoye Array 168.03 270 PKPab PKPab 10 46 05.3+3.6
0.3nm,0.4s,baz=158,slow=16,SNR=2.7

ATH 26 10:41:56.7, 38.61N-22.14E, h2km, MD3.2/14, ML3.2
THE 26 10:41:59.5, 38.72N-22.32E, h13km, ML3.0
NEIC 26 10:41:59.5, 38.72N-22.32E, h13km, ML3.0(ATH),
ML3.0 (THE), After THE
ISC 26 10:41:56.1, 0.3, 38.64N, 0.03, 22.22E, 0.03, h3km, 5km,
h29, r<106/41, 1C, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like AGG Agios Georgios, EVR Eivrytania, MKIT Kithairon Oros, etc.

MAN 26 10:44:31.3, 9.13N-123.11E, h13km, mb4.1, ML3.0, MS2.7,
2C-10, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like SNPH Sibulan, DCPH Dipolog City, TBP Tagbilaran, etc.

UCR 26 10:50:03.6, 11.96N-87.61W, h0km, MD4.2
INET 26 10:50:06.2, 12.30N-87.64W, h19km, MD3.1, ML3.4
CASC 26 10:50:04.7, 1.9, 12.28N-87.72W, h53km, 42km, MD3.4,
ML3.5, 6C-9D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like CRIN San Cristobal, TELN Telica, MIRM Miramar, etc.

INAT 26 11:31:22.3, 11.85N-86.35W, h11km, ML2.7
UCR 26 11:31:23.8, 8.55N-88.48W, h0km, MD4.0
CASC 26 11:31:23.2, 1.8, 11.81N-86.35W, h102km, 13km, MD4.0,
ML2.7, 5C-5D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like CRUN El Crucero, TRON Ticoantepe, AFON Apoyo, etc.

LCCR La Lucha 2 3.09 131 eP S 11 32 10.8 -0.4
LCCR URSC Urasca 3.21 128 eP S 11 32 48.1 +0.6
URSC Buena Vista 3.40 131 eP S 11 32 50.4 +0.2
BUS 11 32 16.6 +1.2
BUS 11 32 56.9 +2.0

NIED 26 11:38:00.28, 10N, 139.90E, h480km, MW4.6 Best double
couple: M9.93x10.15 NP1.249°, 678°, L-85°. NP2.46°,
813°, L-112°.
BUJ 26 11:38:05.8, 27.87N-139.55E, h536km, mb4.8, mb4.8
JMA 26 11:38:05.5, 0.3, 28.09N-139.94E, h530km, 5km, M4.6
MOS 26 11:38:05.0, 0.7, 27.99N-139.36E, h514km, mb4.4/19,
Error ellipse: s-maj=18.4km s-min=8.5km az=101.2
IDC 26 11:38:06.3, 0.4, 28.00N-139.56E, h507km, mb3.9/27,
mb1.4, 0.032, mb1.0m4, 0.36, Error ellipse: s-maj=10.0km
s-min=6.0km az=88.0
NEIC 26 11:38:06.9, 0.6, 28.04N-139.49E, h514km, 6km, mb4.5/36,
MW4.6(NIED), Error ellipse: s-maj=6.5km s-min=4.1km
az=96.0
ISC 26 11:38:05.5, 0.3, 27.99N, 0.03, 139.53E, 0.05, h511km, 3km,
h505km, 5.7km; pP-N, n160, e0599/183, mb4.3/65, 5C-11D,

Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like CBIJ Chichi jima, CBIJ Chichi jima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like YAK Yakutsk, GATa Gaotai, BOD Bodai, FX1 Attu Island-F, etc.

Table with columns: ILAR, comp, pP, 11 48 50.5, -2.8, etc. Lists various astronomical objects and their properties.

Table with columns: WRA, ASAR, ASPA, FITZ, STKA, MKAR, MKAR, MAW, BVAR, ZRNK, MCK, ILAR, ILAR, GSPA, SYO, SYO, LPZA, CPUP, DBIC, DBIC. Lists astronomical objects with station names and coordinates.

ADC 26 12:17:01.3, 3.4, 0.09N:100.85E, mb3.9/6, mb1 4.1/6, mb1mx3.8/15, Error ellipse: s-maj=208.0km s-min=19.4km az=54.0

NEIC 26 12:17:04.5, 1.0, 0.08N:100.87E, h20km, Error ellipse: s-maj=41.8km s-min=11.8km az=53.0

ISC 26 12:17:01.4, 2.9, 0.2N:101.06E, 1.0, h10km, n8, c067/8, mb3.9E, Northern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Northern Sumatara event.

GUC 26 12:18:21.5, 0.5, 28.35S:70.11W, h96km, 7km, ML4.1

ADC 26 12:18:21.6, 7.1, 28.13S:70.63W, h98km, 5.7km, mb1 3.4/2, mb1mx3.2/15, Error ellipse: s-maj=76.7km s-min=39.1km az=71.0

NEIC 26 12:18:21.5, 28.35S:70.11W, h96km, After GUC, 193/15, 5C, Central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Central Chile event.

ISC 26 12:37:30.4, 1.9, 37.47N:0.07-38.7E, 0.1, h10km, n5, c109/9, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Turkey event.

NAO 26 12:39:00.4, 3.4, 61.19N:29.35E, ML2.3

BER 26 12:39:02.4, 4.3, 61.12N:29.17E, ML2.3(NAO), Suspected explosion

HEL 26 12:39:03.5, 0.6, 60.95N:29.07E, ML2.0, ML2.3(NAO), Explosion

ISC 26 12:39:01.2, 1.9, 60.96N:0.06-29.1E, 0.2, n11, c112/12, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Baltic States event.

Table with columns: ARAO, ARCESS Array S, 8.74 352, Lg, 12 43 24.9. Lists station data for the ARCESS Array S.

BJU 26 13:22:15.6, 42.04N, 111.99E, h19km, ML3.7, Northeastern China

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Northeastern China event.

ADC 26 13:53:56.5, 0.8, 30.27S:177.78W, mb4.6/6, mb1 4.7/9, mb1mx4.5/17, ML4.2/3, Error ellipse: s-maj=32.9km s-min=21.9km az=151.0

NEIC 26 13:54:03.2, 3.7, 30.20S:177.79W, h48km, 33km, mb5.1/13, Error ellipse: s-maj=15.5km s-min=12.3km az=178.0

ISC 26 13:54:02.4, 0.9, 31.00S:0.06-178.0W, 0.1, h48km, n59, c1849/47, mb4.9/15, 6C-2Z, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists station data for the Kermadec Islands event.

URZ 12m, 0.3, baz=96, slow=22, SNR=14

URZ 0.9, 8.3, baz=246, slow=5.2, SNR=13

URZ 12m, 0.3, baz=96, slow=22, SNR=14

BKZ Black Stump Fm 9.33 208 P 13 56 14.9 -2.2

MRZ Mangaitina R 10.98 207 P 13 56 06.2 -3.3

MRW Makara Radio 11.81 208 S 13 58 59.9 -2.1

NZ Nelson 12.37 212 P 13 56 56.5 -1.7

THZ Tophouse 13.02 212 P 13 57 09.1 +2.2

KH Kahutara 13.28 208 S 13 59 30.1 -0.9

MOZ McQueen's Vall 14.71 208 S 14 00 04.3 -6.9

RPZ Rata Peaks 15.39 211 Pn 13 57 38.2 -0.4

0.7m, 0.3, baz=148, slow=13, SNR=4.0

RPZ 1.3m, 0.3, baz=47, slow=23, SNR=7.7

MSZ Milford Sound 17.59 215 P 13 58 07.7 +2.1

RAR Rarotonga 18.99 63 P 13 58 14.8 -8.0

1.7m, 0.3, baz=255, slow=8.4, SNR=6.0

CNB Canberra Magne 27.62 252 eP 13 59 51.1 +3.6

CTA Charters Tower 33.93 280 P 14 00 44.1 +0.9

18m, 0.4, mb3.5

CTAO Charters Tower 33.93 280 eP 14 00 43.9 +0.7

24m, 0.6, mb3.5

STKA Stephens Creek 34.38 258 eP 14 00 49.3 +2.3

17m, 0.5, mb5.2

STKA Stephens Creek 34.38 258 P 14 00 49.3 +2.3

20m, 0.3, baz=105, 3, baz=102, slow=10, SNR=100

ASAR Alice Springs 41.23 268 P 14 02 00.1 +0.3

4.7m, 0.4, mb4.6, baz=104, slow=7, SNR=196.7

ASPA Alice Springs 41.23 268 eP 14 02 00.5 +0.6

WB2 Warramunga Arr 44.15 273 eP 14 02 07.4 -0.9

WRAB Tennant Creek 44.15 273 eP 14 02 07.3 -0.9

WRA Warramunga Arr 44.16 273 P 14 02 07.6 -0.8

12m, 0.3, mb5.1, baz=110, slow=8.1, SNR=412

FORT Forrest 45.93 256 eP 14 02 22.6 +0.2

37m, 0.6, mb5.5

SBA Scott Base 47.45 184 eP 14 02 40.4 +6.7

10m, 0.9, mb4.8

SBA Vanda 47.51 186 eP 14 02 45.2 +5.0

1.0m, 0.6, mb4.2, baz=24, slow=6, SNR=4.9

VNDA Vanda 47.51 186 eP 14 02 39.0 +4.8

3.4m, 1.0, mb4.3

KAKA Kakadu 49.11 280 eP 14 02 46.2 -1.2

24m, 0.6, mb5.0

FITZ Fitzroy Crossi 52.40 270 eP 14 03 11.3 -0.9

5.0m, 0.8, mb4.5

CASY Casey 54.63 208 eP 14 03 29.9 +1.7

26m, 0.6, mb5.4

GSPA South Pole Qui 59.12 180 eP 14 04 04.2 +4.4

19m, 0.7, mb5.2

MAW Mawson 71.77 201 P 14 05 23.8 +2.7

5.1m, 0.9, mb4.4, baz=153, slow=8.0, SNR=5.3

MAW Mawson 71.77 201 eP 14 05 23.8 +2.7

4.4m, 0.8, mb4.4

SYO Syowa Base 76.55 193 P 14 05 50.7 +2.0

7.3m, 0.5, baz=15, slow=4, SNR=11

SYO Syowa Base 76.55 193 P 14 06 13.8 +1.1

7.3m, 0.5, baz=15, slow=4, SNR=11

SYO Syowa Base 76.55 193 P 14 06 13.9 +1.0

7.3m, 0.5, baz=15, slow=4, SNR=11

SNAA Sanae 77.56 178 P 14 05 51.3 -3.0

7.3m, 0.5, baz=15, slow=4, SNR=11

VNA3 Neumayer Olymp 77.71 176 P 14 05 59.7 +4.6

7.3m, 0.5, baz=15, slow=4, SNR=11

VNA2 Neumayer-Watz 78.15 177 P 14 06 02.7 +5.2

7.3m, 0.5, baz=15, slow=4, SNR=11

NVAR Nina Array Bea 88.65 43 P 14 06 49.6 -2.1

0.9m, 0.6, mb4.0, baz=220, slow=7.0, SNR=2.2

NVAR Nina Array Bea 88.65 43 P 14 07 03.5 -2.3

0.4m, 0.5, baz=224, slow=9.4, SNR=6.6

MKAR Makanchi Array 118.13 310 PKP 14 12 43.4 -0.7

1.2m, 0.5, baz=223, slow=11.8, SNR=12

ZAL Zalesovo 118.51 318 PKP 14 12 45.2 +0.6

1.1m, 0.3, baz=19, slow=4.8, SNR=2.8

ZAL Zalesovo 118.51 318 PKP 14 12 45.2 +0.6

1.1m, 0.3, baz=19, slow=4.8, SNR=2.8

BVAR Borovoye Array 126.85 315 PKP 14 13 00.6 -0.1

0.8m, 0.6, baz=137, slow=17, SNR=23

ARCES ARCESS Array B 139.18 348 PKP 14 13 15.0

0.9m, 0.7, baz=63, slow=2.7, SNR=5.2

ARCES ARCESS Array B 139.18 348 PKP 14 13 27.0 -0.6

0.9m, 0.6, baz=98, slow=1.6, SNR=7.4

KAF Kangasniemi 145.12 340 epk 14 13 31.3 -2.5

baz=1, slow=3

FINES FINESS Array B 145.71 340 PKP 14 13 34.0 -1.6

11m, 0.6, baz=99, slow=4.9, SNR=67

NB2 NORSAR Subarrat 149.34 351 PKP 14 13 44.4

2.5m, 0.2

NOA NORSAR Array B 149.34 351 PKP 14 13 44.7 +4.0

2.8m, 0.7, baz=15, slow=4.3, SNR=11

NOA NORSAR Array B 149.34 351 PKP 14 13 44.7 +4.0

2.8m, 0.7, baz=15, slow=4.3, SNR=11

AKAS Mainin Array B 151.79 322 PKP 14 13 51.0 +6.2

2.8m, 0.7, baz=15, slow=4.3, SNR=11

BRK Keskini Arr 152.91 297 PKP 14 13 54.4 +7.6

0.8m, 0.4, baz=165, slow=6.5, SNR=3.6

DBIC Dimboko 154.95 164 PKP 14 14 01.4 +1.1

1.3m, 0.6, baz=46, slow=3.4, SNR=2.7

DBIC Dimboko 154.95 164 PKP 14 14 01.4 +1.1

1.3m, 0.6, baz=46, slow=3.4, SNR=2.7

ADC 26 13:54:26.6, 0.5, 33.82N:105.03E, mb4.6/18, mb1 4.7/20, mb1mx4.7/23, ML4.5/2, MS3.8/9, Ms1 3.8/9, ms1mx3.6/25, Error ellipse: s-maj=20.5km s-min=12.6km az=55.0

BUJ 26 13:54:27.8, 33.80N:104.98E, h20km, mb4.9, mb4.7, ML5.0, Ms4.7, Ms4.5

MOS 26 13:54:29.7, 0.8, 33.79N:105.06E, h33km, mb4.8/18, Error ellipse: s-maj=14.0km s-min=7.7km az=109.2

HRVD 26 13:54:30.0, 0.8, 33.76N:104.98E, h10km, 4km, MW4.6/28, Centroid moment Tensor Solution. LP body waves: s5,c5; Mantle waves: s28,c42; Half duration: 0 Moment tensor: Scale 1019N; Mr:0.52t; Mw:0.45t; 12; M0: -1.04t; 13; Mw-0.30t; 35; Mw-0.17t; 07; Mw-0.26t; 25; Best double couple: M:98x1016 NP1:334, 846, 138; NP2:216, 864, 130. Principal axes: T: 84, Plg53; Azm175; N: 28, Plg55; Azm16; P: -1.11, Plg10; Azm278; nsta1 refers

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like COLA College, MCK McKinley, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NCRB, BTB Butte Lake, BTB, etc.

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

NEIC 26 13:54:54.8, 31.795:72.15W, h16km, ML3.5(GUC), After GUC.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC, ILCH Illapel, CMCH Combarbala, etc.

NEIC 26 14:12:44.5, 48.95N:129.91W, h10km, ML3.4/1, West of Vancouver Island, British Columbia.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RPW Rockport, FSO Fort Saint James, etc.

JMA 26 15:00:32.0, 2.24, 2.23N:121.79E, h81km, M2.4.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TRQA Torquait, PLCA Santa Domingo, etc.

PGC 26 14:12:44.5, 48.95N:129.91W, h10km, ML3.4/1, West of Vancouver Island, British Columbia.

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

NEIC 26 14:46:45.3, 6.9, 7.58S:117.32E, h286km, 85km, mb3.2/5, mb1.3/3.6, mb1mx3.2/1.5, Error ellipse: s-maj=92.9km.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SDCO Great Sand Dune, ULM, etc.

JMA 26 15:00:33.9, 2.24, 2.23N:121.72E, h45km, n1km, ML3.1, Taiwan.

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

NEIC 26 15:44:39.3, 38.78N:22.03E, h5km, MD3.2(ATH), ML3.0(TH), After ATH.

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

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include JIJ Ishigaki jima, JIJ Tarama, etc.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include MAN 26 19:12:52.0, 12.00N:124.09E, h48km, mb3.9, ML3.7, etc.

IDC 26 19:44:51.3±13.0, 4.38N-94.98E, h82km, 115km, mb3.5/8, mb1 3.6/9, mb1mx3.5/18, ML3.6/1, Error ellipse: s-maj=101.0km s-min=14.6km az=58.0

NEIC 26 19:44:52.0±8.6, 4.39N-94.91E, h92km, 71km, mb4.2/5, Error ellipse: s-maj=79.4km s-min=10.3km az=57.0

ISC 26 19:44:50.9±0.9, 4.4N-101.94E±0.2, h100km, n14, ±0.88/14, mb3.9/13, Off west coast of northern Sumatara

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include CMAR Chiang Mai Arr, LSA Lhasa, FITZ Fitzroy Crossi, etc.

WEL 26 19:47:38.7±0.5, 38.49S×175.97E, h152km, 3km, ML3.6/5, 6C, Error ellipse: s-maj=3.2km s-min=2.8km az=0.0

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include RATZ Rangitukua, KATZ Kakaramea, MGZ Maungaku, etc.

IDC 26 20:00:34.2±3.8, 34.85S×179.18E, h136km, 31km, mb4.3/5, mb1 4.4/7, mb1mx4.2/13, Error ellipse: s-maj=31.9km s-min=21.7km az=28.0

NEIC 26 20:00:43.1±1.0, 35.89S×178.94E, h228km, 8km, mb4.6/12, Error ellipse: s-maj=16.1km s-min=14.8km az=108.0

SYO 26 20:00:43.0, 35.89S×178.94E, h228km, MB4.6, Error ellipse: s-maj=16.1km s-min=14.8km az=108.0

ISC 26 20:00:43.1±1.1, 35.70S±0.08±178.5E±0.1, h206km, 6km, n123, ±1.6/47/103, mb4.5/15, 4C-2D, Off east coast of North Island

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include MXZ Matakaoa Point, WIZ White Island, PUZ Puketiti, etc.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include PWZ Pawanui, TSZ Takapari Road, WAZ Wanganui, etc.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include WRA Warramunga Arr, FORT Forrest, KATZ Kakaramea, etc.

LDG 26 20:05:35.9±0.1, 43.12N±0.43W, h10km, Md1.8/2, Ml1.8/5, Error ellipse: s-maj=2.5km s-min=1.5km az=127.0

MDD 26 20:05:36.4±0.3, 43.10N±0.40W, h11km, 1km, mbLg1.3/8, Error ellipse: s-maj=3.5km s-min=2.0km az=172.0

STR 26 20:05:37.0±0.1, 43.05N±0.37W, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 26 20:05:34.4±0.5, 43.18N±0.02±0.40W±0.03, h11km, n19, ±1.906/23, Pyrenees

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include REYF Montagne du Re, REYF Montagne du Re, REYF Etsaut, etc.

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include EALK 8.9nm, 0.7s, SNR=7.9, ESAC San Caprasio, ESAC 1.4nm, 0.3s, SNR=7.9, etc.

IDC 26 20:23:00.8±1.9, 26.51N-102.44E, mb3.5/3, mb1 3.7/4, mb1mx3.5/17, ML3.0/1, Error ellipse: s-maj=56.7km s-min=26.6km az=95.0

BUI 26 20:23:01.7, 26.38N-101.90E, h12km, ML3.5

ISC 26 20:23:00.4±0.7, 26.47N±0.04±102.37E±0.07, h10km, n9, ±0.83/15, mb3.6/3, Sichuan

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include KMI Kunming, KMI comp=N, 788nm, 0.5s, KMI comp=E, 501nm, 0.6s, etc.

IDC 26 20:23:21.5±1.5, 41.73N×72.43E, mb3.7/7, mb1 3.9/9, mb1mx3.7/22, ML3.6/2, Error ellipse: s-maj=22.7km s-min=16.6km az=179.0

NNC 26 20:23:23.0±2.4, 41.81N×72.70E, mpv4.3, Error ellipse: s-maj=30.0km s-min=6.9km az=11.0

MOS 26 20:23:23.7±2.6, 41.98N×72.31E, h10km, mb4.0/5, Error ellipse: s-maj=17.9km s-min=9.7km az=97.9

KNET 26 20:23:24.5±0.7, 41.83N×72.70E, h6km, 3km, m3/8, Error ellipse: s-maj=5.7km s-min=4.4km az=151.0

NEIC 26 20:23:29.0±3.4, 42.09N×72.54E, h42km, 22km, mb3.7/3, Error ellipse: s-maj=40.9km s-min=13.1km az=199.0

ISC 26 20:23:22.4±0.8, 41.89N±0.08±72.30E±0.04, h10km, n48, ±1.945/62, mb3.8/8, 1A-C-6D, Kyrgyzstan

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time Res. Rows include AML Almayashu, EKS2 Erkin-Say, EKS2 342nm, 0.3s, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KURK Kurchatov, VOSK Vostochayna, BVAO Borovoye Array, etc.

CASC 26:20:38.33.4.2.2, 13.24N-89.93W, h35km, 144km, MD3.6, ML3.8, 15C-2D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SBLS San Blas, SNVJ San Vicente, etc.

TAP 26:20:40:52.2.02.22N-120.03E, h41km, 1km, ML3.9, IDC 26:20:40:52.3.0.9, 22.29N-119.70E, mb3.8/6, mb1.3/9.6, mb1mx3.7/17, MS3.6/2, Mst 3.6/2, ms1mx3.7/26, Error ellipse: s-maj=59.7km s-min=18.7km az=68.0, NEIC 26:20:40:57.8.3.0, 22.36N-119.55E, h40km, 30km, mb4.0/2, Error ellipse: s-maj=32.7km s-min=11.4km az=63.0, ISC 26:20:40:56.4.4.3, 22.42N-120.02E, h35km, 144km, n13, c0543/11, mb3.8/8, MS4.3/1, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TATO Taipei, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

IDC 26:20:55:36.7.16.0, 16.01S-175.17W, mb4.3/5, mb1.4/4.5, mb1mx4.1/16, Error ellipse: s-maj=312.0km s-min=141.1km az=78.0, Tonga Islands

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

NEIC 26:20:55:49.8.0.7, 20.23N-120.68E, h30km, mb4.1/6, Error ellipse: s-maj=26.8km s-min=11.8km az=66.0, ISC 26:20:55:48.8.4.6, 20.08N-120.07E, h20.5E, 0.1, h33km, 35km, n14, c091/16, mb3.8/9, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PIP Pasuquin, BJT Baijatiuau, GUMU Guam, etc.

NEIC 26:21:04:52.0.6.0, 5.53S-153.18E, h57km, 34km, mb4.2/4, Error ellipse: s-maj=82.6km s-min=20.4km az=106.0, IDC 26:21:04:52.0.8.1, 5.55S-153.16E, h56km, 61km, mb3.4/5, mb1.3/6/6, mb1mx3.5/14, ML3.1/1, Error ellipse: s-maj=76.2km s-min=34.3km az=109.0, ISC 26:21:04:49.2.5.3, 5.45S-153.1E, 0.3, h41km, 39km, n11, c0570/12, mb3.8/8, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WAKA Kakadu, WRAB Tennant Creek, etc.

DJA 26:21:20:08.3.1.2, 51.11N-98.02E, h8km, mb4.0/1, Error ellipse: s-maj=99.9km s-min=33.1km az=147.1, Tuzo-Buryatia-Mongolia border region

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

MOS 26:21:28:08.3.2.2, 51.11N-98.02E, h8km, mb4.0/1, Error ellipse: s-maj=99.9km s-min=33.1km az=147.1, Tuzo-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MOY Mondy, ARS Arshan, IRK Irkutsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PISA Pisayambo, JUIV Juive, RUNZ Runzun, etc.

IDC 26:21:56:24.6.2.0, 43.41N-126.66W, mb3.5/4, mb1.3/8.9, mb1mx3.6/25, ML3.7/4, MS3.3/3, Ms1 3.3/3, ms1mx2.9/22, Error ellipse: s-maj=33.0km s-min=13.0km az=54.0, NEIC 26:21:56:26.2.1.7, 43.35N-126.60W, h10km, Error ellipse: s-maj=25.1km s-min=7.8km az=75.0, ISC 26:21:56:23.0.0.9, 43.36N-126.60W, 0.09, h10km, n36, c15/1240, mb3.7/4, MS3.1/2, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COR Corvallis, HUMO Hull Mountain, YBHU Yreka Blue Hor, etc.

NEIC 26:21:56:24.6.2.0, 43.41N-126.66W, mb3.5/4, mb1.3/8.9, mb1mx3.6/25, ML3.7/4, MS3.3/3, Ms1 3.3/3, ms1mx2.9/22, Error ellipse: s-maj=33.0km s-min=13.0km az=54.0, NEIC 26:21:56:26.2.1.7, 43.35N-126.60W, h10km, Error ellipse: s-maj=25.1km s-min=7.8km az=75.0, ISC 26:21:56:23.0.0.9, 43.36N-126.60W, 0.09, h10km, n36, c15/1240, mb3.7/4, MS3.1/2, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YBHU Yreka Blue Hor, YBHS Sweet Springs, etc.

NEIC 26:22:06:56.9.4.3, 7.43S-128.04E, h110km, 46km, mb4.1/3, Error ellipse: s-maj=39.6km s-min=17.7km az=218.0, IDC 26:22:06:58.4.7.1, 7.46S-128.01E, h123km, 76km, mb3.4/4, mb1.3/6/7, mb1mx3.5/12, Error ellipse: s-maj=59.2km s-min=26.0km az=46.0, ISC 26:22:06:54.7.0.8, 7.62S-127.7E, 0.2, h110km, n11, c088/14, mb3.6/5, Banda Sea

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

BER 26:22:25:57.2.2.5, 77.69N-8.61E, h15km, 40km, ML2.7, (NAO) NAO 26:22:25:54.0.10.0, 77.59N-8.48E, h9km, 59km, ML2.7, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBS Kingsbay, HSP Hornsund, SPA0 Spitsbergen Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like La Foret Royal, SBF Sospel, LMR La Moure, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB Tennant Creek, ASAR Alice Springs, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC 26-23:25:53.0, WEL 26-23:25:52.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 26:23:50:21.4, ISC 26:23:50:13.6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROM 27:00:10:10.2, NEIC 27:00:10:10.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PTCC Lussari, LSR LSR, CRES Dredgia, etc.

NATX	comp=Z,1um,21.7s,MSS.1 Nacogdoches 63.10 337	LR	P	00 54 19.4 -0.5
NATX	comp=Z,1.12nm,0.7s,mb5.1	LR	P	
CPCT	comp=Z,1um,22.0s,MSS.1 Cooper Cave 63.87 348	LR	P	00 54 23.3 -1.6
CPCT		pP	P	00 54 31.6 -2.8
JCT	Junction City 63.91 332	LR	P	00 54 24.5 -0.7
JCT	comp=Z,1.25nm,0.7s,mb5.0	LR	LR	
OXF	comp=Z,2.770nm,19.0s,MS4.9 Oxford 64.08 343	LR	P	00 54 24.9 -1.4
OXF		pmax		
OXF	comp=Z,1.90nm,1.0s,mb5.1 Oxford 64.08 343	LR	P	00 54 24.3 -2.0
OXF	comp=Z,1.92nm,0.9s,mb5.1	LR	LR	
PLAL	comp=Z,685nm,21.0s,MS4.9 Pickwick Lake 64.19 344	LR	P	00 54 24.9 -2.1
PLAL	comp=Z,78nm,1.0s,mb5.7	LR	LR	
LTX	comp=Z,1um,20.0s,MS5.0 Lajitas 64.63 328	LR	P	00 54 28.8 -1.1
LTX		pmax		
LTX	comp=Z,240nm,1.7s,mb6.0 Lajitas 64.63 328	LR	P	00 54 29.3 -0.7
LTX	comp=Z,243nm,1.8s,mb5.9	LR	LR	
LTX	comp=Z,2um,19.0s,MS5.4 Lajitas Array 64.63 328	LR	P	00 54 29.6 -0.4
TXAR	comp=Z,1.2nm,0.6s,mb5.1,baz=152,slow=8.8,SNR=172	S	P	01 03 08.8 +2.8
TXAR	comp=Z,0.6nm,1.1s,baz=128,slow=12,SNR=1.0	LR	LR	01 18 54.8
TXAR	comp=Z,2um,19.5s,MS5.3,baz=130,slow=33	LR	P	01 23 16.6
TXAR	comp=Z,0.3nm,1.0s,baz=315,slow=1.3,SNR=2.7	PKPKPP		
TXAR	Lajitas Array 64.63 328	P	S	00 54 29.6 -0.4
TXAR		P	S	01 03 08.8 +2.8
TXAR		LR	LR	01 18 54.8
TXAR		LR	LR	01 23 16.6
TXAR		LR	LR	01 23 16.6
BLA	Blacksburg 64.93 352	pmax	pmax	00 54 31.1 -0.7
BLA	comp=Z,2.1nm,0.8s,mb5.2	LR	LR	
BLA	Blacksburg 64.93 352	LR	P	00 54 30.8 -1.0
BLA	comp=Z,2.1nm,0.8s,mb5.2	LR	LR	
ELN	comp=Z,2um,21.0s,MS5.3 Prospectdale 64.99 351	LR	P	00 54 31.7 -0.5
UALR	University of 65.14 341	LR	P	00 54 31.9 -1.3
UALR	comp=Z,85nm,1.1s,mb5.7	LR	LR	
WVT	Waverly 65.23 345	LR	P	00 54 42.0 -0.7
WVT		pmax		00 54 31.7 -2.0
WVT	comp=Z,1.70nm,1.2s,mb6.0 Waverly 65.23 345	LR	P	00 54 31.5 -2.2
WVT	comp=Z,1.68nm,1.2s,mb5.0	LR	LR	
MIAR	comp=Z,1um,22.0s,MS5.1 Mount Ida 65.30 339	LR	P	00 54 33.2 -1.0
MIAR	comp=Z,1.14nm,1.1s,mb5.8	LR	LR	
FWV	comp=Z,1um,19.0s,MS5.1 Forest Hill 65.35 351	LR	P	00 54 33.7 -0.7
FWV		pP	P	00 54 42.5 -1.5
CBN	Corbin 65.58 354	LR	P	00 54 35.5 -0.4
CBN	comp=Z,2.25nm,0.5s,mb5.5	LR	LR	
CBN		LR	LR	00 54 46.1 +0.6
GNAR	comp=Z,2um,19.0s,MS5.3 Gosnell 65.61 343	LR	P	00 54 35.4 -0.8
UTMT	University of 65.68 344	LR	P	00 54 35.3 -1.3
GLAT	comp=Z,332nm,1.1s,mb6.3 Glass 65.71 344	LR	P	00 54 35.5 -1.3
WCI	Wyandotte Cave 66.91 347	LR	P	00 54 42.6 -1.8
WCI	comp=Z,64nm,0.7s,mb5.8	LR	pmax	
WCI	Wyandotte Cave 66.91 347	LR	P	00 54 42.3 -2.1
WCI	comp=Z,64nm,0.7s,mb5.8	LR	pP	00 54 52.0 -2.0
USIN	comp=Z,2.92nm,22.0s,MS4.5 University of 66.95 346	LR	P	00 54 42.7 -2.0
CLNB	comp=Z,1.64nm,1.1s,mb6.0 Carlsbad 67.20 330	LR	P	00 54 46.8 +0.4
WMOK	Wichita Mounta 67.27 335	LR	P	00 54 45.1 -1.6
WMOK	comp=Z,2.00nm,1.7s,mb5.9	LR	pmax	
WMOK	Wichita Mounta 67.27 335	LR	P	00 54 45.2 -1.6
WMOK	comp=Z,2.00nm,1.7s,mb5.9	LR	LR	
GDLE	comp=Z,1um,22.0s,MS5.0 Guadalupe Moun 67.32 329	LR	P	00 54 47.4 0.0
FVM	French Village 67.62 343	LR	P	00 54 47.6 -1.3
FVM	comp=Z,1um,1.5s,mb6.7	LR	pmax	
FVM	French Village 67.62 343	LR	P	00 54 47.8 -1.2
CPRX	comp=Z,1um,1.5s,mb6.7 Cap Rock 67.85 330	LR	pP	00 55 00.7 +0.3
CPRX		pP	P	00 55 00.4 +0.4
BLO	Bloomington 67.87 347	LR	P	00 54 49.1 -1.3
BLO	comp=Z,43nm,0.8s,mb5.5	LR	pmax	
BLO	Bloomington 67.87 347	LR	P	00 54 48.3 -2.1
BLO	comp=Z,43nm,0.8s,mb5.5	LR	pP	00 54 52.0 -2.0
CCM	Cathedral Cave 67.91 343	LR	P	00 54 49.0 -1.7
CCM	comp=Z,160nm,0.8s,mb5.1	LR	pmax	
CCM	Cathedral Cave 67.91 343	LR	P	00 54 49.4 -1.3
CCM	comp=Z,1.61nm,0.8s,mb5.1	LR	pP	00 54 59.4 -0.9
CCM		LR	LR	00 54 59.4 -0.9
CPNY	comp=Z,1.93nm,20.0s Central 67.94 357	LR	P	00 54 50.7 -0.1
SSPA	Standing Stone 68.04 354	LR	P	00 54 51.0 -0.4
SSPA	comp=Z,1.4nm,0.6s,mb5.2	LR	LR	
PAL	comp=Z,247nm,20.0s,MS4.4 Palisades 68.15 357	LR	P	00 54 52.5 +0.4
PAL	Palisades 68.15 357	LR	P	00 54 51.8 -0.4
SLM	Saint Louis 68.19 344	LR	pmax	00 54 52.1 -0.4
SLM	comp=Z,50nm,0.6s,mb5.7	LR	pmax	
SLM	Saint Louis 68.19 344	LR	P	00 54 51.2 -1.3
SLM	comp=Z,50nm,0.6s,mb5.7	LR	pP	00 55 01.4 -0.6
ACSO	Alum Creek Sta 68.26 350	LR	P	00 54 51.1 -1.7
ACSO	comp=Z,1.18nm,0.8s,mb6.0	LR	pP	00 55 00.5 -1.9
ACSO		LR	LR	
BRYW	comp=Z,2um,22.0s,MS5.2 Bryant College 69.00 359	LR	P	00 54 57.6 +0.2
BRYW	comp=Z,491nm,1.4s,mb5.2	LR	pP	00 55 07.1 +0.1
BRYW	Alegheny Cole 69.27 353	LR	pP	00 54 58.2 -0.9
QUAZ	Belchertown 69.37 359	LR	P	00 55 03.4 +3.7
BINY	comp=Z,1.52nm,1.4s,mb5.7 Binghamton 69.45 356	LR	P	00 55 00.1 -0.1
BINY	comp=Z,2.02nm,1.7s,mb5.8	LR	pP	00 55 08.1 -1.6
BINY		LR	LR	
WES	comp=Z,3um,20.0s,MS5.6 Weston 69.47 360	LR	pmax	00 55 01.1 +0.9
WES		pmax		
WES	comp=Z,180nm,1.4s,mb5.8 Weston 69.47 360	LR	P	00 55 00.6 +0.3
WES	comp=Z,182nm,1.5s,mb5.5	LR	pP	00 55 08.9 -0.9
WES		LR	LR	
HRV	comp=Z,1um,19.0s,MS5.1 Harvard-Oak R 69.59 359	LR	pmax	00 55 01.8 +0.8
HRV	comp=Z,2.10nm,1.4s,mb5.9	LR	pmax	
HRV	Harvard-Oak R 69.59 359	LR	P	00 55 01.6 +0.6
HRV	comp=Z,2.14nm,1.4s,mb5.9	LR	pP	00 55 10.4 -0.1
HRV		LR	LR	
SBA	comp=Z,1um,22.0s,MS5.2 Scott Base 69.71 191	LR	P	00 55 01.0 -0.2
SBA	comp=Z,220nm,1.9s,mb5.8	LR	pmax	
SBA	Scott Base 69.71 191	LR	P	00 55 01.2 0.0
SBA	comp=Z,225nm,2.0s,mb5.8	LR	LR	
SBA		LR	LR	
ERPA	comp=Z,1um,21.0s,MS5.2 Erie 69.72 353	LR	P	00 55 00.3 -1.4

ERPA	comp=Z,32nm,0.6s,mb5.4	LR	LR	
BNI	Barren Site 70.03 329	LR	P	00 55 05.3 +1.5
BNI	Tubau 70.06 253	LR	P	00 55 03.1 -1.1
TBI	comp=Z,232nm,1.3s,mb6.0	LR	Sx	01 08 19.4
TBI		eSS		01 15 58.2
GENY	comp=Z,5um,29.5s,baz=112 Genesee 70.15 355	LR	pP	00 55 04.6 +0.3
GENY		LR	pP	00 55 15.3 +1.4
LENM	Lemitar 70.20 329	LR	P	00 55 05.1 +0.2
KSU1	Kansas State U 70.44 339	LR	P	00 55 02.1 -1.1
LAZ	Ladron 70.47 329	LR	P	00 55 06.5 0.0
ACCN	Adirondack Com 70.51 358	LR	pP	00 55 07.6 +1.6
ACCN		LR	pP	00 55 07.0 +0.2
FFD	Franklin Falls 70.55 359	LR	pP	00 55 17.2 +0.8
FFD	comp=Z,153nm,1.1s,mb5.8	LR	pP	00 55 07.0 -0.1
TUC	Tucson 70.56 325	LR	pmax	
TUC	comp=Z,85nm,1.5s,mb5.5	LR	P	00 55 06.9 -0.1
TUC	comp=Z,85nm,1.5s,mb5.5	LR	LR	
ANMO	Albuquerque 70.62 329	LR	P	00 55 07.8 +0.4
ANMO		S	S	01 04 21.1 +3.4
ANMO	Albuquerque 70.62 329	LR	pS	01 04 41.2
ANMO	Albuquerque 70.62 329	LR	P	00 55 07.6 +0.2
ANMO	comp=Z,1.72nm,1.8s,mb5.7	LR	LR	00 55 07.8 +0.4
ANMO		LR	LR	
HNH	comp=Z,5um,19.0s,MS5.7 Hanover 70.80 359	LR	P	00 55 09.1 +0.8
HNB	comp=Z,2.77nm,1.3s,mb5.5	LR	pP	00 55 18.2 +0.3
NCB	Newcomb 71.12 357	LR	pP	00 55 10.1 -0.2
NCB	comp=Z,87nm,1.4s,mb5.5	LR	pP	00 55 19.6 -0.3
NCB		LR	LR	
CBKS	comp=Z,1um,22.0s,MS5.1 Cedar Bluff 71.24 336	LR	pmax	00 55 11.6 +0.5
CBKS		LR	pmax	
CBKS	Cedar Bluff 71.24 336	LR	P	00 55 10.7 -0.4
CBKS	comp=Z,7.7nm,0.7s,mb5.7	LR	LR	
CBKS	comp=Z,2um,21.0s,MS5.2	LR	LR	
SYO	Syowa Base 71.58 159	LR	pP	00 55 12.0 -0.6
SYO	Syowa Base 71.58 159	LR	pP	00 55 21.5 -0.7
SYO	Syowa Base 71.58 159	LR	pP	00 55 28.7 -3.2
WVL	Waterville 71.65 1	LR	eP	00 55 14.0 +0.5
WVL	comp=Z,1.11nm,1.1s,mb5.7	LR	pP	00 55 24.3 +1.3
WVL		LR	LR	
LIC	comp=Z,5um,21.0s,MS5.8 Lamto 71.73 73	LR	P	00 55 14.3 -0.2
LIC	comp=Z,242nm,1.1s,mb5.9	LR	eP	00 55 14.6 +0.1
LIC	Lamto 71.73 73	LR	eP	00 55 15.2 +0.5
EMMW	East Machias 71.85 2	LR	eP	00 55 24.5 +0.2
EMMW	comp=Z,694nm,1.5s,mb6.4	LR	pP	00 55 15.6 -0.2
EMMW		LR	LR	
TIC	comp=Z,5um,21.0s,MS5.7 Toumoudi 71.96 72	LR	eP	00 55 15.4 -0.7
TIC	comp=Z,781nm,1.3s,mb5.8	LR	P	00 55 15.4 -0.7
TVO	Taravoa 72.03 259	LR	P	00 55 16.1 -0.2
KIC	comp=Z,233nm,1.4s,mb5.9 Kosan Boka 72.05 73	LR	eP	00 55 17.2 +0.6
KIC	comp=Z,56nm,1.2s,mb6.5	LR	P	01 04 37.0 +1.7
DBIC	Dimbokro 72.11 72	LR	P	01 24 27.5
DBIC	comp=Z,32nm,0.8s,mb5.3,baz=212,slow=6.3,SNR=55	LR	P	00 55 17.3 +0.6
DBIC	comp=Z,2.1nm,1.0s,baz=358,slow=18,SNR=1.4	LR	P	00 55 17.3 +0.6
DBIC	Dimbokro 72.11 72	LR	pP	00 55 27.2 +0.9
DBIC	Dimbokro 72.11 72	LR	pP	01 04 38.0 +2.7
DBIC	Dimbokro 72.11 72	LR	pP	00 55 17.1 +0.4
DBIC	Dimbokro 72.11 72	LR	pP	00 55 26.9 +0.6
DBIC	Dimbokro 72.11 72	LR	pP	00 55 16.8 +0.3
DBIC	Dimbokro 72.11 72	LR	pP	00 55 16.8 -0.3
MSNY	comp=Z,7um,22.0s,MS5.9 Massena 72.17 357	LR	P	00 55 16.3 -0.7
JFWS	Jewell Farm 72.25 345	LR	pmax	
JFWS	comp=Z,54nm,0.6s,mb5.7	LR	P	00 55 16.4 -0.6
JFWS		LR	LR	
SADO	comp=Z,2um,19.0s,MS5.3 Sadowa 72.25 354	LR	P	01 04 34.0 -2.4
SADO	comp=Z,49nm,0.7s,mb5.5,baz=193,slow=5.6,SNR=50	LR	S	00 55 16.4 -0.6
SADO	Sadowa 72.25 354	LR	P	01 04 34.0 -2.4
SADO	comp=Z,5.4nm,1.0s,baz=153,slow=19,SNR=2.4	LR	P	00 55 17.0 -1.1
PAE	Paea 72.27 259	LR	eP	00 55 17.8 -0.5
PPT	comp=Z,246nm,1.3s,mb7.0 Papeete 72.40 259	LR	eP	01 09 04.7 -1.4
PPT	comp=Z,96nm,1.4s,mb5.5	LR	eSS	01 17 18.2
PPT		LR	SS	
SDCO	comp=Z,6um,20.0s,baz=103 Great Sand Dun 72.55 332	LR	P	00 55 19.4 +0.4
SDCO	comp=Z,304nm,1.7s,mb6.0	LR	LR	
WUO	W749nm,19.0s,MS5.0 Wupatki 73.40 326	LR	P	00 55 24.6 +0.7
WUO	comp=Z,334nm,1.7s,mb6.0	LR	P	00 55 26.6 +0.7
PO				

NEIC 27 04:45:16.2, 0.7, 6.19S, 145.37E, h110km, mb4.4/7, Error ellipse: s-maj=18.3km s-min=10.4km az=108.0

ISC 27 04:45:14.2, 4.9, 6.2S, 0.1, 145.4E, 0.2, h105km, mb4.0km, n21, c#060/21, mb4.0/9, 1D, New Guinea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Charters Tower, Warramunga Arr, Fitzroy Crossi, etc.

IDC 27 05:38:32.6, 1.9, 0.69S, 128.18E, mb3.4/3, mb1 3.7/3, mb1mx3.5/13, Error ellipse: s-maj=129.0km s-min=25.0km az=67.0

ISC 27 05:38:36.7, 2.2, 1.2S, 0.5, 127.0E, 0.8, h33km, n8, c#087/8, mb4.7/7, Halmahera

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

IDC 27 06:12:37.1, 3.3, 13.45S, 170.26E, h612km, 36km, mb2.8/4, mb1 3.0/4, mb1mx2.8/13, Error ellipse: s-maj=99.3km s-min=26.8km az=149.0, Vanuatu Islands region

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

IDC 27 06:17:34.0, 4.0, 8.36S, 157.83E, mb3.8/9, mb1 4.0/11, mb1mx3.9/21, ML3.7/2, Error ellipse: s-maj=29.8km s-min=15.1km az=61.0

NEIC 27 06:17:36.1, 0.5, 36.61N, 87.75E, h10km, mb3.7/3, Error ellipse: s-maj=16.8km s-min=7.7km az=57.0

BUI 27 06:17:42.6, 37.00N, 87.96E, h38km, ML4.2, Ms4.3, Ms2.0

ISC 27 06:17:34.4, 7.3, 36.6N, 0.1, 87.7E, 0.2, h12km, 47km, n16, c#73/16, mb3.7/3, Southern Xinjiang

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kashi, Makanchi Array, Kurchatov, etc.

IDC 27 06:24:24.4, 4.5, 0.16, 13S, 176.77W, mb4.3/3, mb1 4.4/3, mb1mx4.0/14, Error ellipse: s-maj=836.0km s-min=149.2km az=78.0, Fiji Islands region

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

IDC 27 06:36:25.2, 2.0, 15.52S, 166.03E, mb3.7/4, mb1 3.9/4, mb1mx3.7/13, Error ellipse: s-maj=114.0km s-min=36.6km az=154.0, Vanuatu Islands

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

ISC 27 06:45:17.1, 37.35N, 37.27E, h8km, MD3.1 NS52 27 06:45:23.6, 37.18N, 36.99E, h13km, 10km, ISC 27 06:45:18.3, 0.5, 37.31N, 0.0, 37.38E, 0.04, h7km, 4km, n18, c#097/32, 1C-20, Turkey

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

IDC 27 06:59:17.8, 2.1, 5.76S, 129.74E, mb3.8/1, mb1 4.5/4, mb1mx4.1/11, ML4.3/3, Error ellipse: s-maj=93.3km s-min=27.0km az=76.0, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, etc.

OTT 27 07:15:43.3, 0.1, 64.74N, 86.38W, h18km, MN3.0/24, Wager Bay region NU 169km northwest from Coral Harbour, NU (Aftershock) Boothia Ungava Seismic Zone, Northwest Territories

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Iglolik, Fort Churchill, Froisher Bay, etc.

PINU Pond Inlet 8.55 17 PN S 07 17 28.9 -20

GLWN Glow Worm Lake 9.79 280 PN S 07 19 02.3 -3

KNDN Kennady Lake 10.06 273 PN S 07 18 05.1 -4.8

MGTN Margaret Lake 10.15 275 PN S 07 18 06.6 -4.5

BOXN Box Lake 10.16 276 PN P 07 18 07.2 -3.9

MLON Mario Lake 10.20 276 PN P 07 18 07.1 -4.7

LGSN Lac de Gras So 10.21 279 PN P 07 18 07.6 -4.3

MCKN MacKay Lake No 10.28 278 PN S 07 18 08.0 -4.9

SILO Sutton Inlier 10.32 175 PN S 07 18 08.7 -4.7

ACKN Achilles Lake 10.40 282 PN P 07 18 10.2 -4.3

RES Resolute Bay 10.41 347 PN P 07 18 03.5 -1.1

LUPN Lupin Mine 10.46 287 PN P 07 18 10.8 -4.4

YENY Yamba Lake Nor 10.46 283 PN P 07 18 09.9 -5.5

COWN Contwyoto Lake 10.48 284 PN P 07 18 11.5 -4.2

NODN Nodinka Narrow 10.66 277 PN P 07 18 13.7 -4.4

NODN NODN NODN comp=Z,2.8nm,0.3s 10.69 276 PN P 07 18 13.9 -4.6

CAMN Camseil Lake 10.69 276 PN P 07 20 05.2 -1.4

Yamba Lake 10.70 282 PN P 07 18 13.9 -4.6

SNPN Snap Lake 10.76 275 PN P 07 18 15.1 -4.3

IHLN Indian Hill La 10.82 274 PN S 07 18 15.6 -4.6

KUJU Kuujuaaa 10.84 119 PN S 07 18 14.6 -6.0

VIMV Victor Mine 12.03 172 PN P 07 18 32.3 -4.4

DSMN Discovery Mine 12.15 275 PN P 07 18 33.4 -4.8

YKWB Yellowknife Ar 12.68 273 PN S 07 18 40.6 -4.7

LGQO La Grande 4 12.76 145 SN S 07 20 53.9 -1.5

PKLO Pickle Lake 13.44 191 PN P 07 18 53.6 -1.8

SCHO Schefferville 13.91 126 PN P 07 18 55.0 -6.5

RDLO Red Lake 14.35 200 PN P 07 19 03.8 -3.5

ULML Lac du Bonnet 15.37 204 PN P 07 19 12.7 -7.8

NEIC 27 07:23:24.8, 0.8, 50.29N, 18.79E, h5km, MG2.5(WAR), Error ellipse: s-maj=12.1km s-min=6.2km az=191.0

WAR 27 07:23:25.3, 50.26N, 18.88E, ML2.7, Mining Induced

ISC 27 07:23:26.0, 50.25N, 18.80E

ISC 27 07:23:23.0, 0.6, 50.29N, 0.04, 18.79E, 0.04, n17, c#111/29, Poland

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Raciborz, Ostrava-Krasne, etc.

MDD 27 08:02:58.9, 0.2, 42.44N, 0.57E, h6km, 5km, mbLq1.6/13, Error ellipse: s-maj=2.0km s-min=1.7km az=57.0, PRXIMO

STR 27 08:02:58.3, 0.1, 42.45N, 0.56E, h10km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 27 08:02:58.0, 0.1, 42.45N, 0.59E, h2km, M2.2, M12.3/5, Error ellipse: s-maj=2.6km s-min=1.4km az=33.0

ISC 27 08:02:57.5, 0.4, 42.45N, 0.03, 0.61E, 0.03, h6km, n22, c#84/30, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EGRA, CSOR, RESF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EALK, CAF, LASF.

THE 27 08:10:53.9 41.54N, 19.70E, h10km, ML3.5
PDG 27 08:10:54.0, 0.3, 41.47N, 19.53E, h9km,
NEIC 27 08:10:54.0, 41.47N, 19.53E, h9km, MD3.5(PDG),
ML3.5(THE), After PDG.

ISC 27 08:10:52.9, 0.5, 41.44N, 0.02, 19.53E, 0.02, h8km, 3km,
n51, c122/86, 11C-3D, Albania

Main table of station data for the 27th day, August, listing various stations and their parameters.

JMA 27 08:18:20.2, 0.1, 42.89N, 143.13E, h90km, 1km, M3.6
JMA Feat IJ
IDC 27 08:18:20.2, 1.2, 42.83N, 143.19E, h100km, 7km, mb3.5/8,
mb1 3.8/8, mb1mx3.5/23, Error ellipse: s-maj=21.8km
s-min=13.3km az=41.0

NEIC 27 08:18:21.5, 1.9, 43.18N, 143.20E, mb4.1/1, Error ellipse:
s-maj=58.5km s-min=15.5km az=179.0

ISC 27 08:18:20.0, 4.2, 48.8N, 0.04, 143.35E, 0.05, h98km, 3km,
h98km, 9km: p-P, n26, c097/39, mb3.8/9, Hokkaido region

Table of station data for the Hokkaido region, listing stations like JCH, JOB, JFR, etc.

Table of station data for the 2004 August period, listing stations like MKAR, ILAR, BVAR, etc.

ROM 27 08:21:04.3, 0.3, 38.13N, 11.99E, h5km, MD2.9/2, ML3.1/3,
Error ellipse: s-maj=2.4km s-min=2.0km az=50.0
NEIC 27 08:21:04.4, 38.13N, 11.99E, h5km, MD2.9(ROM),
ML3.5(LDG), After ROM.

LDG 27 08:21:08.2, 0.6, 37.89N, 11.47E, h10km, M3.5/6, Error
ellipse: s-maj=20.3km s-min=10.7km az=53.0
ISC 27 08:21:03.2, 0.7, 38.18N, 0.05, 11.90E, 0.05, h9km, 6km,
n32, c098/51, 2D, Sicily

Main table of station data for the 2004 August period, listing various stations and their parameters.

DJA 27 08:23:08.1, 1.0, 8.13S, 115.90E, h124km, 10km, MD5.5/4,
ML4.5/1, 2C-5D, Error ellipse: s-maj=37.5km
s-min=16.9km az=167.0, Bali region

Table of station data for the Bali region, listing stations like KEDI, RATI, etc.

BER 27 08:29:35.7, 2.1, 69.34N, 31.99E, ML2.1(NAO),
Suspected explosion

NAO 27 08:29:33.7, 2.9, 69.36N, 32.14E, ML2.1, Baltic States -
Belarus - Northwestern Russia

Table of station data for the Baltic States - Belarus - Northwestern Russia region, listing stations like APAA, ARAO, etc.

IDC 27 08:32:46.1, 0.5, 8.29S, 120.97E, mb4.9/14, mb1 5.1/17,
mb1mx5.0/21, ML5.1/3, MS4.2/15, Ms1 4.2/15,
ms1mx4.0/21, Error ellipse: s-maj=27.1km s-min=10.7km
az=60.0

DJA 27 08:32:50.4, 0.3, 8.45S, 121.21E, h240km, MD4.7/6,
ML5.3/1, Error ellipse: s-maj=9.2km s-min=7.6km az=13.0
HRVD 27 08:32:52.9, 0.3, 8.33S, 121.27E, h41km, 1km, MW5.1/57,
Centroid moment Tensor Solution, LP body waves:
s27, c37, Mantle waves: s37, 2.3; Half duration: 2 Moment
tensor: Scale 10^16Nm, M=2.26e25; Mw=3.25e15;
Mw=0.98e20; Mn=0.46e19; Mw=3.04e12; Mw=2.88e20;
Best double couple: M=5.1e10 Np1, 278, 85, 4, 151,
Az=26, 86, 7, 140. Principal axes: T, 23, Plg44,
Np247; N, -26, Plg45; Az=51; P, -4.97, Plg8,
Az=149; nsta1 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

BUI 27 08:32:52.9, 8.30S, 121.30E, h51km, mb5.3, mb5.1, Ms4.5,
Ms4.1

NEIC 27 08:32:52.9, 0.3, 8.32S, 121.32E, mb5.1/38, Error ellipse:
s-maj=9.3km s-min=5.8km az=52.0

NEIC Feat IJ at Rong and IJ at Ende and Maumere. Also felt
IJ at Waingapu, Sumba.

SYO 27 08:32:52.9, 8.32S, 121.32E, h51km, Mb5.1

MOS 27 08:32:59.1, 3.2, 8.37S, 121.39E, h122km, mb4.9/9, Error
ellipse: s-maj=25.6km s-min=11.7km az=109.4
ISC 27 08:32:51.0, 0.2, 8.38S, 0.01, 121.32E, 0.03, h49km,
h49km, 7km: p-P, n161, c193/156, mb5.0/55, MS4.2/18,
15C-21D, Flores region

Main table of station data for the Flores region, listing various stations and their parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, MSZ Milford Sound, MSZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSZ Milford Sound, MSZ Mavora Lakes, WHZ Wether Hill Ro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, MSLP Maasin, etc.

IDC 27 10:11:47.3;17.0, 18.49S;177.69W, h263km, 179km, mb3.5/10, mb1 3.8/10, mb1mx3.7/17, MS3.6/1, Ms1 3.6/1, ms1mx3.1/10, Error ellipse: s-maj=76.5km s-min=18.7km az=179.0

IDC 27 10:59:31.4;0.8, 10.71N;125.63E, mb3.8/9, mb1 4.0/9, mb1mx3.9/17, MS3.6/1, Ms1 3.6/1, ms1mx3.0/21, Error ellipse: s-maj=62.4km s-min=16.3km az=71.0

IDC 27 12:17:25.7;5.5, 5.78S;146.84E, h51km, 49km, mb3.6/5, mb1 3.8/7, mb1mx3.6/13, ML3.6/2, Error ellipse: s-maj=40.8km s-min=28.9km az=129.0

NEIC 27 10:11:51.5;7.1, 18.61S;177.70W, h308km, 73km, mb3.9/4, Error ellipse: s-maj=30.7km s-min=17.7km az=186.0

MAN 27 10:59:34.5, 10.72N;125.60E, mb4.7, ML3.6, MS3.5, NEIC 27 10:59:32.0;0.5, 10.50N;125.41E, h170km, mb4.4/1, Error ellipse: s-maj=43.8km s-min=8.8km az=71.0

NEIC 27 12:22:38.4;2.8, 5.85S;146.67E, h58km, 27km, mb3.9/3, Error ellipse: s-maj=25.5km s-min=19.2km az=134.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLP Palo, BESP Borongan, SCPH Surigao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, MSLP Maasin, etc.

IDC 27 10:38:12.6;6.2, 56.19S;128.27W, mb3.8/4, mb1 4.1/4, mb1mx3.8/14, Error ellipse: s-maj=441.0km s-min=39.3km az=139.0, Pacific-Antarctic Ridge

IDC 27 11:01:31.6, 3.55N;128.24E, mb3.8/5, mb1 3.9/5, mb1mx3.7/16, Error ellipse: s-maj=90.5km s-min=21.0km az=69.0, North of Halmahera

NIED 27 13:11:00.39, 80N;143.50E, h17km, Mw3.6 Best double couple: M3.01x10^14 NP1@29°, 858°, 199°. NP2@192°, 833°, 176°

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

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

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

IDC 27 10:41:41.0;1.2, 56.02S;129.23W, mb3.9/4, mb1 4.1/4, mb1mx3.9/14, MS3.9/6, Ms1 3.9/6, ms1mx3.6/19, Error ellipse: s-maj=235.0km s-min=32.4km az=163.0, Pacific-Antarctic Ridge

WEL 27 11:48:48.0;3.36, 95S;177.43E, h143km, 3km, ML3.5/3, Error ellipse: s-maj=3.8km s-min=3.1km az=90.0, Off east coast of North Island

IDC 27 13:11:24.5;1.2, 39.65N;143.35E, mb3.4/5, mb1 3.5/6, mb1mx3.4/22, ML2.7/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/19, Error ellipse: s-maj=35.3km s-min=21.2km az=87.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPZ Rata Peaks, PLCA Paso Flores, CPUP Pula Florida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, PUZ Puketiti, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, JYK Miyako 2, JOM Nangaso, etc.

JMA 27 10:45:55.8;0.2, 44.15N;147.23E, h78km, M3.8, Kuril Islands

MAN 27 12:01:36.8, 9.12N;125.59E, h1km, mb4.2, ML3.1, MS2.8, ID, Mindanao

IDC 27 13:29:12.6;10.0, 6.58S;129.83E, h144km, 101km, mb3.3/2, mb1 3.2/5, mb1mx3.1/12, Error ellipse: s-maj=59.0km s-min=33.0km az=52.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, SCPH Surigao, CGP Cagayan de Oro, etc.

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

WEL 27 10:52:42.8;0.3, 45.09S;167.52E, h122km, 2km, ML3.8/5, 3C-1D, Error ellipse: s-maj=3.2km s-min=1.4km az=90.0, South Island

MAN 27 12:08:53.0, 9.07N;125.52E, mb4.2, ML3.0, MS2.7, Mindanao

BUPK 27 13:33:01.5, 1.51, 36N;131.33W, h10km, ML3.5/1, 1C, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barry Inlet, Moresby Island, Van Inlet, Holberg, Bella Bella, Bonilla, Port Hardy, Brooks Peninsula, Naden, Maynard, Prince Rupert, Eliza Dome, Woss, Newcastle Ridg, Gold River, Campbell River, Buttle Lake, Texada, Mount Grey, Fort Saint James, Dease Lake.

IDC 27 13:45:23.7:13.0, 11.05S, 163.77E, h244km, 138km, mb2.8/3, mb1 3.2/4, mb1mx3.0/15, Error ellipse: s-maj=152.0km s-min=55.2km az=139.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Charters Tower, Warramunga Arr, Alice Springs, Eilsion Array, Fitzroy Crossi, Warramunga Arr, Alice Springs, Sonm, MKAR Makanchi Array.

IDC 27 14:02:29.3:12.0, 6.65S, 129.76E, h109km, 123km, mb3.7/2, mb1 3.8/5, mb1mx3.6/12, ML3.9/3, Error ellipse: s-maj=138.0km s-min=33.2km az=53.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, STKA, MKAR Makanchi Array, MDD, STR, LDG, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Osse, Labassere, Viey, Alkuruntz, Esparras, Graus, Salu, ESAC, LFF, MTLF, Les Rejaudoux.

BER 27 14:50:44.9:3.4, 69.06N, 17.42E, MD2.2, ML1.5, ML1.8(NAO) NAO 27 14:50:45.1:4.0, 69.03N, 17.71E, ML1.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tromso, Lofoten, Kautokeino, Warramunga Arr, ARAO, MOIR.

IDC 27 14:54:26.1:8.4, 8.43S, 128.97E, h183km, 94km, mb3.2/1, mb1 3.3/4, mb1mx3.1/12, Error ellipse: s-maj=65.3km s-min=38.6km az=32.0

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

IDC 27 15:23:30.8:1.2, 3.35N, 122.27E, mb3.6/4, mb1 3.7/4, mb1mx3.6/16, Error ellipse: s-maj=165.0km s-min=20.7km az=65.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WB2, ASAR, SONM, MKAR Makanchi Array.

IDC 27 15:24:10.7:9.7, 35.28N, 71.37E, mb3.7/2, mb1 3.7/4, mb1mx3.4/20, ML3.1/2, MS4.5/1, Ms1 4.5/1, ms1mx2.9/25, Error ellipse: s-maj=166.0km s-min=52.0km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML, UCH, KZA, EKS2, KK31, AAK, CHMS, USP, TKM2, SDNR, MKAR, AB31, BVAR, ARCES, NOA, JHJ.

OTT 27 15:58:43.0:3.0, 52.72N, 67.17W, MN2.5/6, Blast, Mount Wright, Qc Mining explosion, Northern Quebec

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Clarke City, Pointe Angles, Baie Comeau, Grosses Roches, La Grande 4, La Malbaie, Victor Mine, Sutton Inlier.

BGR 27 16:15:17.6:0.4, 49.38N, 6.89E, h1km, ML2.0/2, Error ellipse: s-maj=15.6km s-min=4.4km az=48.0

ISC 27 16:15:15.0:1.5, 49.35N, 6.83E, h1km, ML3.0(LDG), After LDG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Walferdange, Burgitz, Champ du Feu, Retfroy, Steinbach, Koppel, Kalitaspierre, Maizieres J'vi, Givet, Black Forest, Heimansgroeve, Hinterfeld, Sextonaines, Bensberg, La Chapelle, Lormes, Saint Saugle, Signal de Mont, Avril sur Loir, Bois d'Angland.

MAN 27 17:28:36.0, 10.16N, 124.77E, h18km, mb4.0, ML2.8, MS2.5, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Maasin, Ormoc, Tagbilaran, Palo, Borongan, Jordan.

HEL 27 17:42:35.9:0.2, 67.84N, 20.07E, ML1.9, ML2.2(UPP), ML1.8(BER), Explosion

NAO 27 17:42:35.7:3.6, 67.79N, 20.15E, ML2.3

BER 27 17:42:37.9:3.6, 67.86N, 20.10E, ML1.8, ML2.3(NAO), Suspected explosion

ISC 27 17:42:34.6:0.6, 67.82N, 20.03E, 0.08, n21, 0.081/29, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurravaara, Niku, Masu, Kilpisjärvi, Pajua, KTK1, Tro, Lotofen.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KIWI, KIW, MTW, CAW, Cannon Point, etc.

WAR 27 18:34:57.8, 51.45N, 16.08E, ML2.6, Mining Induced
PRU 27 18:34:58.1, 51.44N, 16.09E
NEIC 27 18:35:01.1, 51.5, 22N, 15.90E, h5km, MG2.6(WAR),
Error ellipse: s-maj=17.5km s-min=6.7km az=203.0
ISC 27 18:34:55.1, 0.9, 51.47N, 16.07E, 0.04, n15, c079/30,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSP, KSI, UPC, DPC, PANSKA, etc.

ICD 27 18:49:30.9, 4.4, 27.28N, 111.61W, mb3.7/1, mb1 4.1/4,
mb1mx3.7/2.1, ML3.6/3, MS3.3/5, Ms1 3.2/5, ms1mx3.0/30,
Error ellipse: s-maj=55.9km s-min=20.5km az=16.0,
Gulf of California

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

NEIC 27 18:50:58.3, 38.16S, 176.18E, h156km, After WEL.
WEL 27 18:50:58.5, 0.3, 38.17S, 176.19E, h154km, 2km, ML3.9/5,
2C-10, Error ellipse: s-maj=1.7km s-min=1.3km az=90.0,
North Island

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

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

DJA 27 19:01:48.6, 0.9, 8.72S, 117.35E, h116km, 10km, MDS.1/4,
ML4.3/3, 7C-1D, Error ellipse: s-maj=48.4km
s-min=21.4km az=0.0, Sumbawa region

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

MAN 27 19:02:19.8, 10.28N, 122.13E, h30km, mb3.9, ML2.7,
MS2.4, 1D, Panay

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

ICD 27 19:09:25.3, 0.9, 22.72N, 109.28W, mb4.2/6, mb1 4.2/9,
mb1mx4.0/20, ML3.9/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/24,
Error ellipse: s-maj=29.6km s-min=19.7km az=82.0,
NEIC 27 19:09:26.3, 0.7, 22.74N, 109.56W, h10km, mb3.8/3,
MD4.3(MEX), Error ellipse: s-maj=18.7km s-min=10.6km
az=71.0

ISC 27 19:09:25.6, 1.0, 22.93N, 109.56W, 0.1, h10km, n21,
r22/19, mb4.0/7, MS3.5/3, 1C, Off west coast of Baja
California

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

ICD 27 19:03:01.9, 5.1, 15.80S, 173.86W, mb3.7/4, mb1 3.9/4,
mb1mx3.8/1.4, Error ellipse: s-maj=246.0km
s-min=30.6km az=138.0, Tonga Islands

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

ICD 27 19:45:31.9, 0.8, 54.58S, 131.94W, mb4.2/7, mb1 4.4/7,
mb1mx4.2/13, MS4.2/14, Ms1 4.2/14, ms1mx4.1/17, Error
ellipse: s-maj=47.0km s-min=18.7km az=172.0
NEIC 27 19:45:32.6, 0.7, 54.40S, 131.69W, h10km, mb4.7/6, Error
ellipse: s-maj=25.0km s-min=17.2km az=168.0

ISC 27 19:45:30.9, 0.8, 54.58S, 131.94W, 0.2, h10km, n26,
r125/15, mb4.4/12, MS4.2/15, Pacific-Antarctic Ridge

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

MAN 27 19:28:2.2, 14.96N, 121.84E, h1km, mb4.5, ML3.4, MS3.3,
3D, Luzon

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

ICD 27 19:27:28.4, 0.9, 53.86S, 131.84W, mb4.1/5, mb1 4.3/5,

mb1mx4.1/13, MS4.2/14, Ms1 4.2/14, ms1mx4.2/15, Error
ellipse: s-maj=45.0km s-min=23.0km az=170.0
NEIC 27 19:27:29.9, 0.7, 54.30S, 131.52W, h10km, mb4.6/4, Error
ellipse: s-maj=22.9km s-min=17.8km az=188.0
ISC 27 19:27:28.4, 0.8, 54.45S, 131.51W, 0.2, h10km, n30,
r1502/14, mb4.3/8, MS4.2/15, 2C-3D, Pacific-Antarctic
Ridge

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

Code Station Name Az Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VNAZ, VNA1, SNA, etc.

Code Station Name Az Phase ID Time Res
h m s ISC

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

Code Station Name Az Phase ID Time Res
h m s ISC

Code Station Name Az Phase ID Time Res
h m s ISC

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

Code Station Name Az Phase ID Time Res
h m s ISC

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

Code Station Name Az Phase ID Time Res
h m s ISC

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

Code Station Name Az Phase ID Time Res
h m s ISC

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

ILAR	Eielson Array	119.44 353	PKP	PKPdf	20 04 21.4	-1.1
comp=2.0,5nm,0.8s,baz=199,slow=2.8,SNR=5.4						
SOMM	Songino Array	143.80 284	PKP	PKPdf	20 05 08.8	+0.6
comp=2.1,2nm,0.8s,baz=135,slow=5.2,SNR=4.4						
MKANR	Makanchi Array	157.22 264	PKPab	PKPab	20 06 00.7	+1.7
comp=2.0,5nm,0.7s,baz=112,slow=5.4,SNR=3.5						

ICD 27-20:08:53.5-4.0, 16.69S~177.46W, mb4.1/4, mb1 4.3/4, mb1mx3.0/15, Error ellipse: s-maj=159.0km s-min=48.1km az=139.0, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	h m s	Res	ISC
STKA	Stevens Creek	40.02 240	P	20 16 31.1	-0.8	
0.9nm,0.4s,baz=93,slow=9.5,SNR=10						
WRA	Warramunga Arr	45.76 258	P	20 17 17.2	-1.7	
0.4nm,0.5s,baz=96,slow=9.2,SNR=22						
ASAR	Alice Springs	46.00 253	P	20 17 18.6	-2.1	
7.2nm,0.5s,baz=89,slow=8.2,SNR=173						
FITZ	Fitzroy Crossi	54.13 259	P	20 18 17.9	-3.2	
2.6nm,0.9s,baz=82,slow=15.1,SNR=3.1						
GERES	GERES Array B	146.66 347	PKPbc	20 28 36.8	-0.1	
0.2nm,0.4s,baz=18,slow=3.1,SNR=4.1						

ICD 27-20:18:28.2-1.9, 3.96N-125.90E, mb3.6/4, mb1 3.8/4, mb1mx3.6/16, Error ellipse: s-maj=123.0km s-min=22.5km az=69.0, Talaud Islands

Code	Station Name	Δ° AZ°	Phase ID	h m s	Res	ISC
FITZ	Fitzroy Crossi	21.92 181	eP	20 23 23.7	-1.4	
0.7nm,0.3s						
FITZ	Fitzroy Crossi	21.92 181	P	20 23 23.8	-1.3	
0.9nm,0.3s,baz=5.7,slow=10,SNR=16						
WRA	Warramunga Arr	25.15 161	P	20 23 55.4	-1.4	
0.4nm,0.4s,baz=339,slow=9.9,SNR=13						
WB2	Warramunga Arr	25.16 161	eP	20 23 55.5	-1.3	
ASAR	Alice Springs	28.54 165	P	20 24 25.2	-2.6	
0.2nm,0.5s,baz=344,slow=7.9,SNR=5.8						
MKANR	Makanchi Array	56.90 326	P	20 28 15.1	-2.3	
0.5nm,0.4s,baz=118,slow=7.3,SNR=16						

MOS 27-20:26:48.8-0.8, 5.776S~25.81W, h33km, mb5.3/16, Error ellipse: s-maj=52.1km s-min=18.9km az=109.3

HRVD 27-20:26:54.0-0.7, 5.778S~25.36W, h50km, 2km, MW4.9/28, Centroid moment Tensor Solution. LP body waves: s28, c33, Mantle waves: s17, c21; Half duration: 0 Moment tensor: C010°Nm; M13.15i.24; Mw=2.97i.18; Mw=0.18i.18; Mw=0.13i.28; Mw=0.52i.17; Mw=0.45i.15; Best double couple: M0.3.15x10⁻¹⁶ Np1.05°i, 0.45°i, 1.02°i. NP2.0z27°i, 0.46°i, 1.78°i. Principal axes: T.3.23, P18.1°i, Azm13°i, N.-1.16, P19°i, Azm280°i; P-3.06, P120°i, Azm10°i; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 27-20:26:54.0, 5.776S~25.60W, h64km, mb5.5, Ms5.3, Msz5.2

NEIC 27-20:26:54.0, 0.1, 5.776S~25.60W, mb5.1/21, Error ellipse: s-maj=7.9km s-min=5.2km az=50.0

SYO 27-20:26:54.0, 5.778S~25.60W, h65km, Mb5.1

ICD 27-20:26:54.0, 1.0, 5.773S~25.80W, h64km, 4km, mb4.8/12, mb1 4.8/12, mb1mx4.7/14, MS3.9/8, Ms1 3.9/8, ms1mx3.8/13, Error ellipse: s-maj=19.0km s-min=12.6km az=38.0

ISC 27-20:26:53.0-2.2, 5.782S~0.07i-25.7W~0.1, h68km~20km, h64km~1.1km; pP-P, n175, e09197, mb5.0/30, 9C-6D, South Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	h m s	Res	ISC
VNA1	Neumayer-Stat	15.02 157	iP	20 30 22.8	+0.6	
VNA1	Neumayer-Stat	15.02 157	iP	20 30 23.6	+1.4	
VNA2	Neumayer-Watz	15.42 157	iP	20 30 27.9	+0.6	
VNA2	Neumayer-Watz	15.42 157	iP	20 30 28.7	+1.4	
SNA4	Sanae	16.55 155	iP	20 30 45.6	-1.0	
SNA4	Sanae	16.57 155	iP	20 30 46.4	-0.3	
EFI	East Falkland	19.53 274	eP	20 31 17.8	+0.5	
77nm,0.6s						
PMSA	Palmer Station	19.55 233	ePn	20 31 18.2	+0.8	
PMSA	Palmer Station	19.55 233	ePn	20 31 35.7	+0.8	
MAIT	Maitri	20.47 145	eP	20 33 33.5	-1.6	
USHA	Ushuaia	23.64 258	P	20 31 59.0	+0.7	
14nm,0.8s,mb4.4,baz=117,slow=7.9,SNR=6.0						
USHA	Ushuaia	23.64 258	PcP	20 35 42.2	-0.8	
9.4nm,0.8s,baz=49,slow=3.2,SNR=3.3						
USHA	Ushuaia	23.64 258	LR	20 39 34.4		
comp=Z,244nm,18.1s,baz=71,slow=32						
SYO	Syowa Base	29.84 139	iP	20 32 52.5	-2.9	
SYO	Syowa Base	29.84 139	iP	20 33 07.7	-4.0	
SYO	Syowa Base	29.84 139	eP	20 30 14.6	-5.1	
SYO	Syowa Base	29.84 139	iP	20 33 58.7	+4.0	
SYO	Syowa Base	29.84 139	iP	20 35 55.6	-1.6	
TRQA	Tornquist	30.71 294	eP	20 33 01.4	-2.0	
4.8nm,0.7s,mb5.3						
QSPA	South Pole Qui	32.63 180	iP	20 33 19.6	-0.1	
54nm,0.7s,mb5.5						
QSPA	South Pole Qui	32.63 180	iP	20 39 41.3		
QSPA	South Pole Qui	32.63 180	iP	20 39 41.3		
PLCA	Paso Flores	33.11 281	P	20 33 22.7	-1.0	
comp=Z,13nm,1.1s,mb4.7,baz=137,slow=7.0,SNR=14						
PLCA	Paso Flores	33.11 281	PcP	20 36 05.3	-1.0	
comp=Z,2.2nm,0.8s,baz=311,slow=11,SNR=3.0						
PLCA	Paso Flores	33.11 281	LR	20 46 49.2		
comp=Z,153nm,18.8s,baz=182,slow=36						
PLCA	Paso Flores	33.11 281	P	20 33 22.7	-1.5	
comp=Z,13nm,1.1s						
PLCA	Paso Flores	33.11 281	pmx	20 36 05.3		
comp=Z,2.0nm,0.8s						
PLCA	Paso Flores	33.11 281	MLR	20 46 49.2		
comp=Z,153nm,18.8s						
MAW	Mawson	38.39 142	eP	20 34 07.9	-0.8	
comp=Z,28nm,1.0s,mb5.0						
MAW	Mawson	38.39 142	ePcP	20 36 21.0	-0.6	
comp=Z,29nm,0.8s,mb5.2,baz=236,slow=7.9,SNR=45						
MAW	Mawson	38.39 142	PcP	20 36 21.0	-0.6	
comp=Z,9.8nm,0.7s,baz=260,slow=5.6,SNR=8.3						
MAW	Mawson	38.39 142	LR	20 47 29.1		
comp=Z,263nm,20.0s,baz=243,slow=32						
MAW	Mawson	38.39 142	P	20 34 08.2	-0.5	
comp=Z,29nm,0.8s						
MAW	Mawson	38.39 142	pmx	20 36 21.0		
comp=Z,10.0nm,0.7s						
MAW	Mawson	38.39 142	MLR	20 47 29.1		
comp=Z,2263nm,20.0s						
CPUP	Villa Florida	38.47 311	P	20 34 09.1	-0.6	
comp=Z,15nm,0.8s,mb4.9,baz=173,slow=7.2,SNR=26						
CPUP	Villa Florida	38.47 311	PcP	20 36 21.6	-0.7	
comp=Z,6.5nm,0.7s,baz=172,slow=2.5,SNR=6.4						
CPUP	Villa Florida	38.47 311	S	20 40 02.2		
comp=Z,1.7nm,0.8s,baz=247,slow=7.8,SNR=3.6						
CPUP	Villa Florida	38.47 311	LR	20 47 11.2		
comp=Z,171nm,21.6s,baz=356,slow=32						
CPUP	Villa Florida	38.47 311	P	20 34 09.1	-0.6	
comp=Z,15nm,0.8s						
CPUP	Villa Florida	38.47 311	pmx	20 36 21.6		
comp=Z,7.0nm,0.7s						
CPUP	Villa Florida	38.47 311	pmx	20 36 21.6		
comp=Z,2.0nm,0.9s						
CPUP	Villa Florida	38.47 311	MLR	20 47 29.1		
comp=Z,171nm,21.6s						
CPUP	Villa Florida	38.47 311	eP	20 34 08.9	-0.8	
comp=Z,21nm,0.9s,mb5.0						
CPUP	Villa Florida	38.47 311	ePcP	20 36 21.7	-0.6	
comp=Z,13nm,0.8s,mb4.8,baz=197,slow=5.9,SNR=8.4						
SUR	Sutherland	40.30 72	P	20 34 25.8	+1.0	
comp=Z,12nm,0.9s,baz=56,slow=1.5,SNR=4.8						
SUR	Sutherland	40.30 72	eP	20 34 25.5	+0.7	
comp=Z,15nm,0.8s,mb4.9						
SBA	Scott Base	44.57 184	eP	20 34 59.9	+0.9	
comp=Z,43nm,1.3s,mb5.0						

BDFB	Brasilia	45.14 329	P	20 35 05.8	+1.4	
comp=Z,17nm,0.7s,mb4.8,baz=149,slow=3.4,SNR=29						
BDFB	Brasilia	45.14 329	LR	20 51 56.7		
comp=Z,108nm,20.5s,baz=357,slow=33						
BDFB	Brasilia	45.14 329	P	20 35 05.8	+1.4	
comp=Z,17nm,0.7s						
BDFB	Brasilia	45.14 329	pmx	20 51 56.7		
comp=Z,108nm,20.5s						
LVC	Limon Verde	46.81 300	eP	20 35 16.7	-0.7	
comp=Z,13nm,0.7s,mb4.8						
MIR	Mirnyy	48.01 152l	ePcP	20 36 50.1	+0.1	
comp=Z,240nm,1.2s,mb5.1						
LPZA	La Paz	51.96 305	P	20 35 57.0	-0.2	
comp=Z,13nm,0.6s,mb5.1,baz=149,slow=7.2,SNR=51						
LPZA	La Paz	51.96 305	pp	20 36 14.2	-0.3	
comp=Z,13nm,0.6s,baz=224,slow=8.9,SNR=8.7						
LPZA	La Paz	51.96 305	LR	20 56 41.8		
comp=Z,53nm,21.0s,baz=67,slow=34						
LPZA	La Paz	51.96 305	P	20 35 57.0	-0.1	
comp=Z,13nm,0.6s						
LPZA	La Paz	51.96 305	pp	20 36 14.2	-0.3	
comp=Z,13nm,0.6s						
LPZA	La Paz	51.96 305	pmx	20 56 41.8		
comp=Z,53nm,21.0s						
LPZA	La Paz	51.96 305	P	20 35 56.7	-0.4	
comp=Z,13nm,0.6s,mb5.1						
LPZA	La Paz	51.96 305	ePcP	20 37 09.3	+0.5	
comp=Z,28nm,0.7s,mb5.4						
LSZ	Lusaka	58.20 67	eP	20 36 41.4	-0.8	
comp=Z,48nm,0.9s,mb5.5						
LIC	Lamto	65.80 23	eP	20 37 33.1	0.0	
comp=Z,110nm,0.8s,mb5.8						
KAC	Kosan Boko	66.00 23	eP	20 37 34.3	-0.1	
comp=Z,142nm,0.8s,mb5.8						
TH	Toumoudi	66.21 23	eP	20 37 35.6	-0.1	
comp=Z,158nm,0.8s,mb5.9						
DBIC	Dimbokro	66.27 23	P	20 37 36.1	0.0	
comp=Z,22nm,0.7s,mb5.1,baz=169,slow=8.1,SNR=40						
DBIC	Dimbokro	66.27 23	LR	21 00 00.4		
comp=Z,97nm,18.6s,baz=80,slow=30						
DBIC	Dimbokro	66.27 23	P	20 37 36.1	0.0	
comp=Z,22nm,0.7s						
DBIC	Dimbokro	66.27 23	MLR	21 00 00.4		
comp=Z,97nm,18.6s						
OTAV	Otavalo	71.21 303	eP	20 38 08.4	+1.9	
comp=Z,8.9nm,0.8s,mb4.7						
OTAV	Otavalo	71.21 303	eP	20 38 21.2		
comp=Z,8.9nm,0.8s,mb4.7						
MBAR	Mbarara	72.15 61	eP	20 38 13.2	+1.0	
comp=Z,16nm,1.3s,mb4.9						
ROSC	Ri Rosal	73.54 309	P	20 38 20.2	-0.1	
comp=Z,8.1nm,0.4s,mb4.8,baz=146,slow=23,SNR=4.1						
KMBO	Kilima Mbogo	74.85 67	eP	20 38 31.4	+3.6	
comp=Z,8.1nm,1.0s,mb4.4						
SDV	Santo Domingo	75.70 314	eP	20 38 31.8	-0.9	
comp=Z,21nm,0.8s,mb4.9						
MGG	Marie-Galante	78.99 325	eP	20 38 52.2	+1.3	
DEG	La Desirade	79.28 326	eP	20 38 53.5	+1.0	
WTP	Monte Ratis	82.38 322	eP	20 39 08.7	-0.1	
URW	Urewera	82.98 198	P	20 39 09.7	+0.2	
JTS	JuntasAbangare	83.05 302	eP	20 39 12.1	-0.2	
comp=Z,14nm,1.1s,mb4.4						
JTS	JuntasAbangare	83.05 302	eP	20 39 20.8	-0.1	
comp=Z,5.0nm,0.8s,mb4.5						
MUN	Mundaring	85.16 148	eP	20 39 22.3	-0.1	
comp=Z,22nm,1.5s,mb4.9						
KLBR	Kellerberrin	85.95 149	eP	20 39 27.8	+1.4	
comp=Z,22nm,1.5s,mb4.9						
ONB	Ongeba Magne	87.33 176	eP	20 39 33.7	+0.7	
comp=Z,6.7nm,0.7s,mb4.7						
FOR	Forrest	89.21 158	eP	20 39 42.7	+0.7	
comp=Z,169nm,0.7s						
STKA	Stevens Creek	90.21 169	eP	20 39 46.9	+0.2	
comp						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pruhonice, Moxa, Smolence, Miracel, etc.

OTT 27.22:29.49.2.0.1.64.66N.110.66W, h1km, MN3.2/13, Blast, Ekati Mine, Nit Mining explosion, Northwest Territories

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ekati Mine, Lac de Gras No, Diavik Mine, etc.

STR 27.23:01:12.8.0.1, 43.07N.0.63W, h5km, 1km, Ml2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=11.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Montagne du Re, Etsaut, Oriardi, etc.

ISK 27.23:08:49.8, 38.80N-26.63E, h16km, MD3.2

NEIC 27.23:08:50.3, 38.73N-26.23E, h20km, MD3.5(ATH), After ATH

ATH 27.23:08:50.3, 38.73N-26.23E, h20km, 13km, MD3.5/4

ISC 27.23:08:49.6-0.7, 38.81N-0.03-26.63E, h6km, 5.5km, n29, c090/39, 1C, Aegean Sea

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

IDC 27.23:10:06.5-0.7, 54.43S-131.94W, mb4.2/8, mbl 1.4/8, mbl1mx4.3/13, MS3.9/11, Ms1 3.9/11, ms1mx3.8/15, Error ellipse: s-maj=4.12km s-min=19.2km az=168.0

NEIC 27.23:10:07.1-0.5, 54.86S-131.71W, h10km, mb4.7/9, Error ellipse: s-maj=16.9km s-min=13.7km az=123.0

ISC 27.23:10:05.7-0.7, 54.95S-0.1x131.8W-0.2, h10km, n46, c1924/27, mb4.4/14, MS3.9/12, 4C-2D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPA, Rata Peaks, Paso Flores, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROSC, WRA, TXAR, ANMO, etc.

HEL 27.23:15:30.8-0.9, 67.74N-20.03E, ML1.8, ML1.6(UPP), ML1.9(BER), Explosion

BER 27.23:15:35.1-3.0, 67.83N-20.09E, ML1.8, Suspected explosion

ISC 27.23:15:27.8-0.6, 67.74N-0.03x-19.90E-0.09, n14, c137/22, Sweden

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

HEL 27.23:17:57.8-0.1, 67.84N-20.13E, ML1.9, ML2.0(UPP), ML1.9(BER), Explosion

BER 27.23:17:59.2-4.4, 67.83N-20.17E, ML1.9, Suspected explosion

ISC 27.23:17:56.6-0.6, 67.81N-0.03-20.18E-0.09, n15, c084/23, Sweden

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

MDD 27.23:20:02.6-1.2, 41.20N-1.77E, h11km, 10km, mblg1.7/14, Error ellipse: s-maj=9.5km s-min=4.9km az=150.0

LDG 27.23:20:03.5-0.4, 41.21N-1.77E, h6km, Mld2.3/3, Ml2.3/5, Error ellipse: s-maj=6.1km s-min=3.4km az=173.0

ISC 27.23:02:02.1-1.0, 41.25N-0.05-1.66E-0.05, h11km, n18, c135/24, Spain

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

TXAR Lajitas Array 85.05 57 P P 03 09 14.3 +0.1
0.4nm, 0.7s, mb3.5, baz=206, slow=5.3, SNR=5.8

IDC 28 02:58:19.7, 4.6, 12.84km, 145.52E, mb3.7/3, mb1 3.9/3,
s-min=47.3km az=124.0, South of Mariana Islands
Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 34.38 199 P P 03 05 08.3 -2.5
0.9nm, 0.6s, baz=24, slow=9.7, SNR=6.2
ASAR Alice Springs 38.01 197 P P 03 05 39.9 -1.6
0.3nm, 0.7s, baz=19, slow=13, SNR=2.7
STKA Stephens Creek 44.62 185 P P 03 06 34.0 -1.7
4.1nm, 1.2s, baz=360, slow=9.2, SNR=3.7
LPAZ La Paz 147.20 100 PKPbc PKPdf 03 18 06.1 +0.5
1.5nm, 0.4s, baz=322, slow=1.1, SNR=5.3

LJU 28 04:04:45.3, 46.44N, 12.75E, h7km, ML2.9
ROM 28 04:04:47.9, 0.1, 46.39N, 12.91E, h5km, MD3.4/4,
ML2.7/12, Error ellipse: s-maj=1.4km s-min=1.2km az=0.0
NEIC 28 04:04:47.9, 46.39N, 12.91E, h5km, MD3.4/(ROM),
ML3.2(VIE), ML3.1(LDG), ML3.6(SZGRF), ML2.7(STR),
After ROM
LDG 28 04:04:49.7, 0.1, 46.36N, 13.05E, h10km, M13.1/2/4, Error
ellipse: s-maj=2.7km s-min=1.6km az=46.0
BGR 28 04:04:51.0, 0.6, 46.49N, 12.92E, h10km, ML3.3/6, Error
ellipse: s-maj=3.9km s-min=6.7km az=94.0
STR 28 04:05:09.2, 0.6, 46.97N, 11.04E, h10km, 1km, ML2.7, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
ISC 28 04:04:47.0, 2.0, 46.41N, 0.01, 12.82E, 0.01, h12km, 1km,
n137, r15/232, 22C-16D, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists various stations like Casamicciola, Zoufplan, Forni Avoltri, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like GOLise, OBER, GCSIR, ARSZA, etc.

GRR Gorron 9.49 287 ePn P 04 07 06.1 -0.5
SGMF Saint Gilles 10.60 286 ePn S 04 07 21.7 -0.1
SGMF comp=Z, 2.9nm, 0.6s eSn S 04 09 14.9 -6.7
QUIF Quistinic 10.99 284 ePn P 04 07 26.7 -0.5

KRSC 28 04:08:55.4, 0.8, 49.43N, 156.10E, h30km, 18km, ML3.8,
Kuril Islands
Code Station Name Az AzZ Phase ID Time Res
SKR Severo-Kuril's 1.25 0 Op Pn 04 09 15.5 -1.7
UGLR Ugloulaya 4.15 23 eS Pn 04 09 59.2 -0.7
ALID Alaid 1.48 346 eS Pn 04 09 21.0 +0.6
ALID Alaid 1.48 346 eS Pn 04 09 39.5 +0.5
PAU Pauzhetka 2.09 12 eS Pn 04 09 29.8 +0.7
PAU 04 09 54.3 -0.1
200nm, 0.4s
GRL Gorelyy 3.37 21 eP Pn 04 09 48.0 +0.7
GRL 04 10 26.2 -0.5
GRL Russkaya 3.37 26 eS Pn 04 09 47.4 0.0
RUS 04 10 25.2 -0.7
UGLR Ugloulaya 4.15 23 eS Pn 04 09 59.2 -0.7
AVH Avacha 4.18 22 eP Pn 04 10 04.4 +1.5
AVH 04 10 47.9 +0.5
KOK Koryaka 4.18 21 eP Pn 04 10 10.1 +2.1
SDLR Sedlovina 4.23 23 eS Pn 04 09 59.7 +0.1
SPN Mys Shipunski 4.42 32 eP Pn 04 10 01.6 -0.7
SPN 04 10 51.1 -2.4
GNL Ganaly 4.42 14 eP Pn 04 10 54.2 +1.9
KBTR Krutoberegovo 7.91 28 eP Pn 04 10 04.9 -0.5

IDC 28 04:13:24.9, 2.0, 5.65S, 153.82E, mb3.7/6, mb1 3.9/6,
mb1mx3.8/13, MS3.4/1, M1 3.6/1, ms1mx2.8/16, Error
ellipse: s-maj=59.3km s-min=27.5km az=108.0
ISC 28 04:13:29.0, 4.6, 5.65S, 0.3, 153.6E, 0.8, h33km, n6, r0f52/6,
MS3.6/6, MS3.4/1, New Ireland region
Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 23.55 231 P P 04 18 38.1 +0.6
0.2nm, 0.3s, mb3.0, baz=58, slow=9.0, SNR=6.7
WRA 04 22 23.2 -0.8
0.6nm, 0.4s, baz=59, slow=2.5, SNR=9.2
ASAR Alice Springs 26.13 225 P P 04 19 01.9 -0.2
0.4nm, 0.5s, mb3.2, baz=54, slow=9.0, SNR=5.5
ASAR 04 22 28.9 -0.6
FITZ Fitzroy Crossi 30.02 243 P P 04 19 36.6 -0.6
0.1nm, 0.6s, mb3.9, baz=72, slow=6.4, SNR=4.0
CMAR Chiang Mai Arr 58.99 295 P P 04 23 28.4 +0.2
3.4nm, 1.5s, mb4.3, baz=106, slow=6.1, SNR=4.7
CMAR 04 27 21.4
comp=Z, 3.1nm, 19.4s, MS3.4, baz=210, slow=34.0
SONM Songino Array 67.47 328 P P 04 24 23.6 -0.1
0.3nm, 0.5s, mb3.6, baz=152, slow=6.7, SNR=3.0
MKAR Makanchi Array 81.50 319 P P 04 25 44.7 0.0
0.5nm, 0.5s, mb3.7, baz=88, slow=7.1, SNR=5.9

IDC 28 04:32:09.2, 1.9, 31.13N, 57.38E, mb3.8/8, mb1 4.1/9,
mb1mx3.9/21, ML3.8/1, Error ellipse: s-maj=48.6km
s-min=19.1km az=7.0
NEIC 28 04:32:10.8, 1.2, 31.14N, 57.40E, h10km, mb4.2/1, Error
ellipse: s-maj=28.6km s-min=9.4km az=173.8
THR 28 04:32:12.3, 0.9, 30.99N, 57.58E, h14km, 18km, ML3.9
ISC 28 04:32:07.7, 0.7, 30.87N, 0.07, 57.40E, 0.06, h10km, n22,
r122/24, mb3.7/9, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Zahedan, Na'in, Ghor-Karzin, etc.

IDC 28 05:13:45.3, 0.7, 21.88S, 174.80W, mb4.2/11, mb1 4.5/13,
mb1mx4.4/19, ML4.4/2, MS4.2/11, MS4.1 4.2/11,
ms1mx4.0/25, Error ellipse: s-maj=33.6km s-min=16.8km
az=140.0
BUJ 28 05:13:52.6, 0.4, 21.93S, 174.87W, h54km, mb4.7,
NEIC 28 05:13:52.6, 0.4, 21.93S, 174.87W, h50km, mb4.6/10,
MS4.4/1, Error ellipse: s-maj=13.4km s-min=9.4km
az=132.0
SYO 28 05:13:52.5, 2.1, 93S, 174.87W, h50km, MB4.6, MS4.4
ISC 28 05:13:49.2, 0.5, 21.91S, 0.09, 174.9W, 0.1, h33km, n55,
r0f96/31, mb4.5/20, MS4.3/11, 22D, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like RAR, URZ, TBI, PPT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VNA1, VNA2, BIM, MVM, SNA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JCT, TVO, LTX, TXAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ACSO, BRYW, BNM, etc.

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

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SMF, SSF, LOR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Las Cruces, Jahuel, Mendoza.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chadas Angostu, Longovio, Talagante, Pirique, Cerro Calan, Farellones, Las Cruces, Jahuel, Mendoza.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dumac, Ureua, Tophouse, Waitaha Valley, Rata Peaks, Jackson Bay, Milford Sound, Alexandra, Charters Tower, Chatter Towers, Onbera Magna, Toolangi, Stephens Creek, Steepbank Creek, Warramunga Arr, Warramunga Arr, Tennant Creek, Mundingi, Warramunga Arr, WRA, ASAR, ASAR, ASAR, ASKA, KAKADA, FORT, FITZ, KLBR, MUB, SBY, MAJO, SMY, QSPA, MDJ, MDJ.

NEIC 28 14:14:35.3,34.55S:70.77W, h5km, ML3.8(GUC), After GUC

GUC 28 14:14:35.3,0.8,34.55S:70.77W, h5km, ML3.8, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, El Canelo, Los Niches, Chadas Angostu, Longovio, Talagante, Jahuel, Chillan.

NEIC 28 14:28:00.2,6.7,36.62N,3.06E, h10km, MG4.0(MDD), Error ellipse: s-maj=78.0km s-min=15.2km az=143.0

MDD 28 14:28:00.2,3.0,36.62N,3.04E, mb3.87, Error ellipse: s-maj=28.0km s-min=21.0km az=153.0, PRXIMO, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ibiz, Beniara, EMUR, EMUR, ETOB, ETOB, EMOS, EMOS, EQES, EQES, EQES, EQES, EJON, EJON, EJON, EJON.

NEIC 28 14:18:17.4,34.99S:70.56W, h5km, ML3.8(GUC), After GUC

GUC 28 14:18:17.4,1.6,34.99S:70.56W, h5km, ML3.8, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Farellones, Chillan.

NEIC 28 14:18:17.4,34.99S:70.56W, h5km, ML3.8(GUC), After GUC

GUC 28 14:18:17.4,1.6,34.99S:70.56W, h5km, ML3.8, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Farellones, Chillan.

NEIC 28 14:33:24.6,35.02S:70.56W, h2km, ML3.6(GUC), After GUC

GUC 28 14:33:24.6,0.9,35.02S:70.56W, h2km, ML3.6, 7C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Antumapu, Cerro Calan, Farellones, Chillan, Jahuel.

NEIC 28 14:18:17.4,34.99S:70.56W, h5km, ML3.8(GUC), After GUC

GUC 28 14:18:17.4,1.6,34.99S:70.56W, h5km, ML3.8, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Antumapu, Cerro Calan, Farellones, Chillan, Jahuel.

WEL 28 14:19:45.9,0.5,37.38S:176.57E, h220km, 4km, ML3.5/2, 1C, Error ellipse: s-maj=5.3km s-min=4.2km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Matawai, Matakaoa Point, Black Stump Fm, Kokohu, Chateau, Tukino, Wahianoa, Takapari Road, Birch Farm, Mangatainoka R, Kapiti Island, Cannon Point, Tuamarina, Nelson, Quartz Range, Tophouse, Denniston Nort, Lake Taylor, McQueen's Vall.

NEIC 28 14:42:48.1,35.14S:70.26W, h15km, ML3.7(GUC), After GUC

GUC 28 14:42:48.1,0.8,35.14S:70.26W, h15km, ML3.7, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Antumapu, Cerro Calan, Farellones, Chillan, Jahuel.

NEIC 28 14:18:17.4,34.99S:70.56W, h5km, ML3.8(GUC), After GUC

GUC 28 14:18:17.4,1.6,34.99S:70.56W, h5km, ML3.8, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Matawai, Matakaoa Point, Black Stump Fm, Kokohu, Chateau, Tukino, Wahianoa, Takapari Road, Birch Farm, Mangatainoka R, Kapiti Island, Cannon Point, Tuamarina, Nelson, Quartz Range, Tophouse, Denniston Nort, Lake Taylor, McQueen's Vall.

IDC 28 14:20:14.7,4.8,34.83S:70.01W, h33km, 41km, mb3.7/3, mb1.4/1.6, mb1mx3.9/14, ML3.9/3, Error ellipse: s-maj=45.9km s-min=23.9km az=114.0

NEIC 28 14:20:17.1,1.2,34.83S:69.87W, h62km, 13km, Error ellipse: s-maj=19.0km s-min=10.3km az=102.0

ISC 28 14:20:16.7,1.8,34.9S:101.69W, 0.2, h71km, 19km, m10, 0.685/1.1, mb3.6/3, 1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mendoza, Paso Flores, Talca, Tornquist, CPUP, LPAZ, BDFB, TXAR, PDAR, WRA.

NEIC 28 14:42:48.1,35.14S:70.26W, h15km, ML3.7(GUC), After GUC

GUC 28 14:42:48.1,0.8,35.14S:70.26W, h15km, ML3.7, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cipreses, El Canelo, Talca, Chadas Angostu, Longovio, Pirique, Talagante, Antumapu, Cerro Calan, Farellones, Chillan, Jahuel.

NEIC 28 14:24:17.5,0.6,34.95S:70.59W, h2km, ML3.6(GUC), After GUC

GUC 28 14:24:17.5,0.6,34.95S:70.59W, h2km, ML3.6, 8C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, El Canelo.

BUI 28 14:49:20.5, 17.90S:178.60W, h524km, mb4.4

NEIC 28 14:49:21.6,2.0,17.85S:178.65W, h524km, 24km, mb4.3/24, Error ellipse: s-maj=14.4km s-min=10.5km az=140.0

SYO 28 14:49:21.5, 17.85S:178.65W, h524km, MB4.3

NEIC 28 14:49:21.5, 17.85S:178.65W, h524km, mb4.4

IDC 28 14:49:23.4, 1.7, 18.03S:178.67W, h546km, 19km, mb3.9/1.1, mb1.4/1.1, mb1mx3.9/16, Error ellipse: s-maj=21.1km s-min=9.9km az=149.0

ISC 28 14:49:23.3, 1.5, 17.96S:108.176W, 0.07,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Touix Ste Croix, La Plagne, La Plagne, Les Rejaudoux, etc.

Table with columns: SVB, Belmont, 2.25 16 eP, P, 14 53 50.8 +0.3. Includes stations like Belmont, Soufriere Volc, Rio Grande, etc.

Table with columns: LCCN, Las Cruces, 1.83 330 iP, Pn, 15 15 05.8 -0.7. Includes stations like Las Cruces, Chillan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Talca, Chadas Angostu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Chadas Angostu, Longovilo, etc.

Table with columns: LCCN, Las Cruces, 1.80 330 iP, Pn, 15 25 46.0 -0.1.

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

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

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

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

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

NEIC 28 14:50:24.0, 35.07S:70.57W, h2km, ML3.2(GUC), After GUC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Los Niches, San Fernando, Cipreses, etc.

GUC 28 14:52:20.2, 1.1, 34.99S:70.53W, h3km, ML3.8.

NEIC 28 14:52:20.2, 34.99S:70.53W, h3km, ML3.8(GUC), After GUC.

IDC 28 14:52:21.4, 1.2, 34.95S:70.89W, mb3.7/2, mb1 4, 1/5, mb1mx3.9/14, ML4.0/3, Error ellipse: s-maj=37.7km

s-min=18.7km az=91.0.

ISC 28 14:52:20.3, 0.5, 34.99S:0.02, 70.53W, h3km, n28, 0.69/42, mb3.6/2, 5C-5Z, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipreses, etc.

CHC Chadas Angostu 1.06 354 iP P 14 52 40.2 -0.7

LMEL Las Melosas 1.17 131 iP S 14 52 57.2 -1.0

LN Longovilo 1.27 324 iP P 14 52 43.6 -0.8

LN Longovilo 1.27 324 iP P 14 52 43.6 -0.8

PCH Pirque 1.37 0 eP S 14 52 45.4 -0.8

TACH Talagante 1.38 346 iS S 14 52 42.9 -1.1

TACH Talagante 1.38 346 iS S 14 52 42.9 -1.1

ANTU Antumapu 1.42 356 eP S 14 52 46.5 -0.6

ANTU Antumapu 1.42 356 eP S 14 52 46.5 -0.6

ANTU Antumapu 1.42 356 eP S 14 52 46.5 -0.6

ANTU Antumapu 1.42 356 eP S 14 52 46.5 -0.6

SAN Santiago 1.54 356 iP Pn 14 52 47.9 -0.8

SAN Santiago 1.54 356 iP Pn 14 52 47.9 -0.8

DSCH Colegio Aleman 1.59 359 eP Pn 14 52 49.3 -0.2

DSCH Colegio Aleman 1.59 359 eP Pn 14 52 49.3 -0.2

DSCH Colegio Aleman 1.59 359 eP Pn 14 52 49.3 -0.2

CLCH Cerro Calan 1.59 360 iP Pn 14 52 49.5 0.0

CLCH Cerro Calan 1.59 360 iP Pn 14 52 49.5 0.0

FCH Farellones 1.67 7 eP Pn 14 52 50.8 +0.2

FCH Farellones 1.67 7 eP Pn 14 52 50.8 +0.2

LCCN Las Cruces 1.74 330 iS Sn 14 53 14.4 -0.2

PEL Peldehue 1.85 356 eP Sn 14 52 53.5 +0.3

PEL Peldehue 1.85 356 eP Sn 14 52 53.5 +0.3

CCHI Chillan 2.04 218 iP Pn 14 52 56.0 +1.3

CCHI Chillan 2.04 218 iP Pn 14 52 56.0 +1.3

JACH Jahuel 2.31 359 eP Pn 14 53 00.1 +0.4

JACH Jahuel 2.31 359 eP Pn 14 53 00.1 +0.4

MDZ Mendoza 2.52 34 eP Pn 14 53 30.8 +1.9

PLCA Paso Flores 5.73 180 Pn 14 53 49.4 +1.7

PLCA Paso Flores 5.73 180 Pn 14 53 49.4 +1.7

PLCA Paso Flores 5.73 180 Pn 14 53 49.4 +1.7

TRQA Tornquist 7.53 116 eP P 14 54 13.5 -0.1

CPUP Villa Florida 14.25 56 Pn P 14 55 47.9 +2.7

CPUP Villa Florida 14.25 56 Pn P 14 55 47.9 +2.7

LPAZ La Paz 18.75 7 P P 14 56 42.5 0.0

TXAR Lajitas Array 71.21 330 P P 15 03 41.2 -1.5

TXAR Lajitas Array 71.21 330 P P 15 03 41.2 -1.5

TXAR Lajitas Array 71.21 330 P P 15 03 41.2 -1.5

TXAR Lajitas Array 71.21 330 P P 15 03 41.2 -1.5

NEIC 28 14:56:52.8, 35.03S:70.63W, h4km, ML3.5(GUC), After GUC.

GUC 28 14:56:52.8, 0.8, 35.03S:70.63W, h4km, 3km, ML3.5, 10C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, Talca, etc.

NEIC 28 15:11:24.0, 0.8, 35.08S:70.40W, h10km, Error ellipse: s-maj=10.7km s-min=6.2km az=103.0

GUC 28 15:11:24.0, 0.9, 35.14S:70.51W, MD3.7, ML3.8

ISC 28 15:11:23.9, 0.9, 35.14S:0.04, 70.45W, 0.06, h10km, n25, 0.96/47, 10C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Los Niches, San Fernando, Cipreses, etc.

CHC Chadas Angostu 1.02 353 iP P 15 11 49.9 -1.4

CHC Chadas Angostu 1.02 353 iP P 15 11 49.9 -1.4

CHC Chadas Angostu 1.02 353 iP P 15 11 49.9 -1.4

CHC Chadas Angostu 1.02 353 iP P 15 11 49.9 -1.4

LN Longovilo 1.42 326 iP Pn 15 11 48.8 -1.1

LN Longovilo 1.42 326 iP Pn 15 11 48.8 -1.1

PCH Pirque 1.51 358 iP Pn 15 11 50.8 -0.5

PCH Pirque 1.51 358 iP Pn 15 11 50.8 -0.5

TACH Talagante 1.53 345 iP Pn 15 12 10.8 -0.9

TACH Talagante 1.53 345 iP Pn 15 12 10.8 -0.9

ANTU Antumapu 1.57 354 iP S 15 12 23.3 -0.1

ANTU Antumapu 1.57 354 iP S 15 12 23.3 -0.1

STL Santa Lucia 1.70 355 iP Pn 15 11 53.9 -0.1

STL Santa Lucia 1.70 355 iP Pn 15 11 53.9 -0.1

DSCH Colegio Aleman 1.73 357 iP Pn 15 11 54.9 +0.5

DSCH Colegio Aleman 1.73 357 iP Pn 15 11 54.9 +0.5

CLCH Cerro Calan 1.74 358 iP Pn 15 11 54.6 +0.2

CLCH Cerro Calan 1.74 358 iP Pn 15 11 54.6 +0.2

CLCH Cerro Calan 1.74 358 iP Pn 15 11 54.6 +0.2

FCH Farellones 1.81 4 iP Pn 15 11 56.4 +0.9

FCH Farellones 1.81 4 iP Pn 15 11 56.4 +0.9

LCCN Las Cruces 1.90 330 iP Pn 15 11 56.9 +0.1

LCCN Las Cruces 1.90 330 iP Pn 15 11 56.9 +0.1

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

CCHI Chillan 1.97 222 iP Pn 15 12 00.0 +2.2

FUNV 28 14:53:17.6, 11.00N:61.98W, h69km, MW2.5

TRN 28 14:53:17.1, 11.26N:61.73W, h14km, MD2.9

ISC 28 14:53:14.6, 0.8, 11.10N:0.04, 61.91W, 0.04, h72km, 10km, n14, 0.89/125, 1C, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guiria, Trinidad (W), TRN, etc.

NEIC 28 15:14:34.6, 35.07S:70.47W, h10km, ML3.4(GUC), After GUC.

GUC 28 15:14:34.6, 0.8, 35.07S:70.47W, h10km, 7km, MD3.5, ML3.4, 3C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, Talca, etc.

ISC 28 16:09:32.6, 0.5, 8.83S:157.46E, mb4.9/21, mb1 5.0/22, mb1mx5.0/23, ML3.8/1, MS3.0/14, MS1 5.0/14, ms1mx4.9/21, Error ellipse: s-maj=16.2km s-min=11.6km az=122.0, Putative timing error on ZAL

BUI 28 16:09:33.8, 8.47S:157.60E, h13km, mb5.6, mb5.3, MS5.4, MSz.1

MOS 28 16:09:33.7, 1.1, 8.65S:157.25E, h10km, mb5.3/34, MS5.1/19, Error ellipse: s-maj=11.1km s-min=8.8km az=80.7

HRVD 28 16:09:35.2, 0.5, 8.97S:157.18E, h23km, 1km, MW5.6/56, Centroid moment Tensor Solution. LP body waves: s16, i19, Mantle waves: s56, c86; Half duration: 195

Moment tensor: Scale 10^17Nm; Mr2: 75; Ms: 25; Ms1: 0.60; Ms2: 16; Ms3: 0.70; Ms4: 14; Ms5: 1.1; Ms6: 0.60; Ms7: 0.7; Ms8: 1.35; Ms9: 25; Best double couple: M3.06x10^17 NP1; phi282, 830, lambda70; NP2: phi125, delta2, lambda101; Principal

axes: T 3.37, Plg17°, Azm60°; N - 62, Plg10°, Azm300°; P - 2.74, Plg17°, Azm207°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. SYO 28 16:09:35.1, 8.82Sx157.35E, h14km, MB5.2, MS5.3, NEIC 28 16:09:35.2, 3.6, 8.82Sx157.35E, h14km, 22km, mb5.2/35, MS5.3/72, Error ellipse: s-maj=7.7km s-min=6.7km az=57.0

ISC 28 16:09:34.0, 2.8, 8.80S, 0.03x157.40E, 0.04, h18km, h18kmx2.5km, p-P, n266, s118/161, mb5.1/67, MS5.2/95, 6C-20, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC h m s, ISC h m s, ISC h m s. Rows include stations like Honiara, Port Moresby, Charters Tower, etc.

Table with columns: MDJ, Mudanjiang, 58.80 337, P, P, 16 19 32.8 -1.3, etc. Rows include stations like Mudanjiang, Khon Kaen, Chanchung, etc.

Table with columns: MA2, comp=Z,42nm,1.5s,mb5.2, pmax, pmax, 16 20 03.3 +0.4, etc. Rows include stations like Scott Base, Seymourhan, Gaotai, etc.

Table with columns for city names (e.g., Vladivostok, Wuhan, Yuzh-Sakhalins), flight numbers, times, and status indicators (P, M, S, etc.).

Table with columns for city names (e.g., BTO, RKT, Rikitea), flight numbers, times, and status indicators (AMB, S, SS, etc.).

Table with columns for city names (e.g., Palmer, Urumqi, SML, Sawmill), flight numbers, times, and status indicators (eP, P, M, etc.).

Table with columns: MWC CHMS, Station Name, Frequency, Power, Class, and various numerical values. Includes stations like Mount Wilson, Chumysh, Uchtor, Inuvik, etc.

Table with columns: ANMO, Station Name, Frequency, Power, Class, and various numerical values. Includes stations like Albuquerque, LAO, SDCO, ARU, etc.

Table with columns: ZST, Station Name, Frequency, Power, Class, and various numerical values. Includes stations like Bratislava, Colim, PRU, etc.

GUC 28 17:37:40.6±0.8,35.005×70.64W,h2km±2km,MD4.0, ML3.9,8C-8D,Chile-Argentina border region

Table with columns: Code, Station Name, Frequency, Power, Class, and various numerical values. Includes stations like Los Niches, San Fernando, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Jose de Ma, Pirque, Antumapu, Penalolen, Santiago, Pudahuel, Santa Lucia, Colegio Aleman, Cerro Calan, Farellones, Las Cruces, Chillan, Jahuel.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Los Niches, San Fernando, Cipreses, Talca, El Canelo, Chadas Angostu, Las Melosas, Longovio, Talagante, Pirque, Antumapu, Cerro Calan, Farellones, Las Cruces, Chillan, Jahuel.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNR, Charters Tower, WRA, ASAR, STKA, CMAR, SONM, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CICH, SFDO, CACH, CHCH, SJCH, PCH, ANTU, TACH, LNV, CLCH, FCH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Las Cruces, Jahuel, Los Niches, San Fernando, Cipreses, El Canelo, Chadas Angostu, Las Melosas, Longovio, Talagante, Antumapu, Cerro Calan, Farellones, Las Cruces, Jahuel.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Black Hills, Pinedale Array, Moose Ponds, Wally Ulrich, Snowing King Moun, Red Top Meadow, Teton Pass, Auburn Hatcher, Hardware Ranch, Daniels Canyon, Jordanelle, Hansel Valley, Great Sand Dun, Maple Canyon, Paradox Valley, San Rafael, Paradox Valley, North Lily Min, Big Grassey Mou, Hailey, Dugway, Maryvale, Maryvale, Lac du Bonnet, Newport, Wupatki, Mina Array Bay, Lajitas Array, Yellowknife Ar, ARCES ARCESS Array B, Makara Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ERUA, ECAL, PBRG, ELOB, EZAM, PVRL, EPON, SSTS.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STS, PVIS, ELAN, SFDO, Los Niches, Cipreses, El Canelo, Chadas Angostu, Longovio, Pirque, Talagante, Cerro Calan, Farellones, Las Cruces, Jahuel, Fitzy Crossi, Warramunga Arr, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, Los Niches, El Canelo, Chadas Angostu, Talca, Las Melosas, Longovio, Talagante, Cerro Calan, Farellones, Las Cruces, Chillan, Jahuel.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ, MZ, URZ, MWZ, PUZ, PUK, KNZ, KZ, BKZ, MRZ, NGZ, TUZ, WNVZ, PWZ, TSZ, BZ, MRZ, MWZ, WEL, TUWZ, NNZ, QRZ, THZ, KHZ.

Table with 5 columns: KHZ, Location, Frequency, Power, and other details. Includes entries for Kahutara, Lake Taylor, and McQueen's Vall.

BUI 28 18:29:27.9, 8.80Sx157.40E, h10km, mB5.3, mb5.0, Ms2.2, Ms2.4
IDC 28 18:29:20.0, 8.86S, 157.34E, mb4.6/12, mb1.4/8, 1/3, mb1mx4.7/16, ML3.6/1, MS4.1/4, Ms1.4/1, ms1mx3.7/20, Error ellipse: s-maj=28.1km s-min=17.4km az=122.0
NEIC 28 18:29:29.0, 8.76S, 157.40E, h10km, mb5.0/19, Error ellipse: s-maj=13.6km s-min=9.6km az=117.0
SYO 28 18:29:29.8, 8.76Sx157.40E, h10km, MB5.0, MS4.2, MS4.2/2, Ms1.4/2, 2, ms1mx3.5/33, Error ellipse: s-maj=24.7km s-min=14.9km az=83.0

Main station list table with columns: Code, Station Name, Frequency, Power, and other details. Includes stations like Honiara, Charters Tower, Armadale, Kakadu, Tennant Creek, Warramunga Arr, Alice Springs, etc.

NIED 28 18:24:00, 32.10N, 142.00E, h5km, Mw4.3 Best double couple: M2.78x10^15 NP1q323, 874, 172. NP2q3193, 324, 117
JMA 28 18:24:00.2, 0.4, 32.10N, 141.95E, M4.4
MOS 28 18:24:04.0, 1.0, 32.20N, 141.94E, h33km, mb4.7/13, Error ellipse: s-maj=24.7km s-min=9.2km az=109.9

BUI 28 18:24:05.2, 32.07N, 141.73E, h46km, mB4.9, mb4.3, Ms4.6, Ms2.1
IDC 28 18:24:06.3, 5.5, 31.98N, 141.73E, h35km, mB4.3, mb4.1/15, mb1.4/3/17, mb1mx4.1/26, ML4.2/2, MS4.2/2, Ms1.4/2, 2, ms1mx3.5/33, Error ellipse: s-maj=24.7km s-min=14.9km az=83.0
NEIC 28 18:24:07.2, 1.4, 31.99N, 141.57E, h38km, mB4.5/16, MW4.3(NIED), Error ellipse: s-maj=11.9km s-min=7.7km az=95.0
ISC 28 18:24:04.1, 5.1, 31.97N, 0.03, 141.62E, 0.06, h31km, mB4.3, h37km, 1.9km, p-P, n9, s-r, f11/11/13, mb4.4/42, MS4.2/6, 1C, Southeast of Honshu

Main station list table with columns: Code, Station Name, Frequency, Power, and other details. Includes stations like Mitsune, Hachioji jima, Boso 1, Boso 3, Boso 4, Odawara 2, Shimob, Ryogami san, Ashikaga, Chichijima, Matushiro, Matsushiro, Ashikawa, Asahikawa, etc.

Main station list table with columns: Code, Station Name, Frequency, Power, and other details. Includes stations like Kurchatov, Charters Tower, Tennant Creek, Warramunga Arr, Alice Springs, etc.

GUC 28 18:25:24.3, 1.0, 35.00S, 70.55W, h4km, mB3.9, ML3.4, 9C-7D, Chile-Argentina border region
Code Station Name Frequency Power and other details. Includes stations like San Fernando, San Niches, Cipreses, El Canelo, Talca, etc.

28d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNLV Longovio, PCH Pirque, TACH Talagante, etc.

MDD 28 18:25:52.0, 4.1, 0.09N, 2.04W, h11km, mbLg2, 1/9, Error ellipse: s-maj=4.6km s-min=2.9km az=107.0, PRXIMO

LDG 28 18:25:55.8, 0.4, 4.1, 82N, 2.45W, h2km, ML2/3, Error ellipse: s-maj=8.5km s-min=6.5km az=143.0

ISC 28 18:25:48.1, 0.6, 4.1, 09N, 0.03, 2.08W, 0.04, h0km, 4km, n15, c129/31, 1C-1D, Spain

Main table for 28d 19h section, listing station codes, names, and coordinates. Includes stations like ETOR Torete, ESAC San Caspasio, EMOS Mosqueruela, etc.

NEIC 28 18:28:17.5, 0.8, 34.95S, 70.48W, h4km, ML2.6(GUC), After GUC

GUC 28 18:28:17.5, 0.8, 34.95S, 70.48W, h4km, MD3.5, ML2.6, 1C-4D, Chile-Argentina border region

Table for NEIC and GUC stations, listing codes, station names, and coordinates. Includes SFDO San Fernando, NICH Los Niches, etc.

NEIC 28 18:32:28.4, 35.02S, 70.51W, h6km, ML3.5(GUC), After GUC

GUC 28 18:32:28.4, 1.0, 35.02S, 70.51W, h6km, 2km, MD3.9, ML3.5, 5C-6D, Chile-Argentina border region

Table for NEIC and GUC stations, listing codes, station names, and coordinates. Includes SFDO San Fernando, NICH Los Niches.

2004 AUG

Table for 2004 AUG section, listing station codes, names, and coordinates. Includes NICH Cipreses, CACH El Canelo, TALCA Talca, etc.

MEX 28 18:40:09.6, 0.5, 17.01N, 98.37W, h30km, MD3.6, Guerrero

Table for MEX stations, listing codes, station names, and coordinates. Includes PINOTEPA Pinotepa, VISTA HERMOSA Vista Hermosa, etc.

IDC 28 18:35:19.1, 3.3, 17.57S, 175.26W, h277km, 32km, mb3.9/8, mb1.4, 0/8, mb1mx3, 7/17, Error ellipse: s-maj=28.4km

ISC 28 18:35:16.4, 3.8, 17.55, 0.2, 175.2W, 0.2, h267km, 40km, n16, c082/15, mb4.0/9, 1C-2D, Tonga Islands

Table for IDC and ISC stations, listing codes, station names, and coordinates. Includes URZ Urewera, RPZ Rapa Peaks, ARMA Armadale, etc.

NEIC 28 18:36:13.7, 35.02S, 70.51W, h4km, ML2.8(GUC), After GUC

GUC 28 18:36:13.7, 0.7, 35.02S, 70.51W, h4km, MD3.4, ML2.8, 7C-2D, Chile-Argentina border region

Table for NEIC and GUC stations, listing codes, station names, and coordinates. Includes SFDO San Fernando, NICH Los Niches, etc.

MDD 28 18:40:49.5, 0.6, 42.26N, 7.33W, h14km, 7km, mbLg2, 1/10, Error ellipse: s-maj=6.4km s-min=4.8km az=77.0, PRXIMO

TALCA 28 18:40:50.7, 1.0, 42.23N, 7.35W, ML1.8, Error ellipse: s-maj=2.6km s-min=1.9km az=109.0

ISC 28 18:40:49.0, 0.7, 42.25N, 0.03, 7.34W, 0.06, h14km, n15, c109/15, 1C, Spain

Main table for 2004 AUG section, listing station codes, names, and coordinates. Includes ERUA La Rua, ECAL Calabor, etc.

588

Table for 588 section, listing station codes, names, and coordinates. Includes EZAM, PVRL Vila Real, EPON Pontonova, etc.

NEIC 28 18:58:53.1, 34.97S, 70.41W, h15km, ML3.5(GUC), After GUC

GUC 28 18:58:53.1, 0.8, 34.97S, 70.41W, h15km, 10km, MD3.3, ML3.5, 3C-2D, Chile-Argentina border region

Table for NEIC and GUC stations, listing codes, station names, and coordinates. Includes SFDO San Fernando, CACH Cipreses, etc.

WEL 28 19:01:38.1, 0.2, 40.42S, 173.39E, h170km, 2km, ML3.7/5, 6C-4D, Error ellipse: s-maj=1.4km s-min=0.9km az=90.0, Cook Strait

Main table for 588 section, listing station codes, names, and coordinates. Includes QRZ Quartz Range, NNZ Nelson, TUWZ Tuamarina, etc.

ATH 28 19:08:10.1, 36.92N, 27.83E, h33km, 7km, MD3.1/3

ISK 28 19:08:13.9, 37.39N, 28.03E, h11km, MD3.1

ISC 28 19:08:10.5, 0.7, 36.92N, 0.04, 27.72E, 0.05, h17km, 7km, n14, c113/22, 1C, Dodecanese Islands

Table for ATH, ISK, and ISC stations, listing codes, station names, and coordinates. Includes BDRM Kayabasi, MSLB Milas, etc.

NEIC 28 19:09:43.0, 35.04S, 70.58W, h4km, ML3.2(GUC), After GUC

GUC 28 19:09:43.0,0.9,35.045:70.58W,h4km,3km,MD3.7, ML3.2,8C-5D,Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
NICH	Los Niches	0.53	274	Op	ISC	19 09 54.2	+0.5
NICH	Los Niches	0.53	274	Op	ISC	19 09 54.2	+0.5
SFDO	San Fernando	0.55	320	Op	ISC	19 10 03.6	+2.9
SFDO	San Fernando	0.55	320	Op	ISC	19 10 03.6	+2.9
CICH	Cipreses	0.73	11	Op	Sg	19 10 02.6	+1.6
CICH	Cipreses	0.73	11	Op	Sg	19 10 02.6	+1.6
CACH	El Canelo	0.92	359	Op	Pb	19 09 59.8	-1.6
CACH	El Canelo	0.92	359	Op	Pb	19 09 59.8	-1.6
TALC	Talca	0.93	247	Op	Sb	19 10 00.4	-1.0
TALC	Talca	0.93	247	Op	Sb	19 10 00.4	-1.0
CHCH	Chadas Angostu	1.10	357	Op	Pb	19 10 03.2	-1.1
CHCH	Chadas Angostu	1.10	357	Op	Pb	19 10 03.2	-1.1
LMEL	Las Melosas	1.23	15	Op	Sb	19 10 04.9	-1.5
LMEL	Las Melosas	1.23	15	Op	Sb	19 10 04.9	-1.5
LMEL	Las Melosas	1.23	15	Op	Sb	19 10 22.0	-0.5
LMEL	Las Melosas	1.23	15	Op	Sb	19 10 43.9	
LN	Longovio	1.28	327	Op	Pb	19 10 06.3	-1.0
LN	Longovio	1.28	327	Op	Pb	19 10 24.1	+0.1
TACH	Talagante	1.41	348	Op	Pn	19 10 08.6	-1.0
TACH	Talagante	1.41	348	Op	Pn	19 10 28.3	+0.4
PCH	Pirque	1.41	2	Op	Pn	19 10 08.5	-1.1
PCH	Pirque	1.41	2	Op	Pn	19 10 12.4	-0.4
CLCH	Cerro Calan	1.64	11	Op	Sb	19 10 13.9	+0.5
CLCH	Cerro Calan	1.64	11	Op	Sb	19 10 37.0	
FCH	Farellones	1.72	8	Op	Pn	19 10 14.0	0.0
FCH	Farellones	1.72	8	Op	Pn	19 10 37.6	+0.8
FCH	Farellones	1.72	8	Op	Pn	19 10 47.7	
LCCH	Las Cruces	1.76	332	Op	Pn	19 10 14.3	-0.3
LCCH	Las Cruces	1.76	332	Op	Pn	19 10 37.7	0.0
PEL	Peidehue	1.89	357	Op	Pn	19 10 16.7	+0.0
PEL	Peidehue	1.89	357	Op	Pn	19 10 52.4	+1.6
PEL	Peidehue	1.89	357	Op	Pn	19 10 47.9	
JACH	Jahuel	2.35	360	Op	Pn	19 10 23.8	+0.8

IDC 28 19:12:18.3,1.8,5.47N,126.27E,mb3.6/5,mb1 3.7/5, mb1mx3.6/16, Error ellipse: s-maj=189.0km s-min=19.9km az=65.0

ISC 28 19:12:29.7,0.9,4.71N,107.1248E,0.3,h100km,n6, az=307/7,mb3.5/5,1D,Celebes Sea

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
KCP	Kidapawan	2.31	8	Op	ISC	19 13 06.7	+0.3
KCP	Kidapawan	2.31	8	Op	ISC	19 13 06.7	+0.3
WRA	Warramunga Arr	26.24	159	Op	P	19 17 57.4	+0.1
WRA	Warramunga Arr	26.24	159	Op	P	19 17 57.4	+0.1
ASAR	Alice Springs	29.57	163	Op	P	19 18 28.1	+0.6
ASAR	Alice Springs	29.57	163	Op	P	19 18 28.1	+0.6
STKA	Stephens Creek	39.75	137	Op	P	19 19 53.9	-0.4
STKA	Stephens Creek	39.75	137	Op	P	19 19 53.9	-0.4
MKAR	Makanchi Array	55.65	326	Op	P	19 21 57.8	0.0
MKAR	Makanchi Array	55.65	326	Op	P	19 21 57.8	0.0
BVAR	Borovoye Array	65.44	327	Op	P	19 23 04.1	0.0
BVAR	Borovoye Array	65.44	327	Op	P	19 23 04.1	0.0

GUC 28 19:14:02.0,0.7,35.08S:70.50W,h5km,3km,ML4.1 IDC 28 19:14:02.0,0.7,34.98S:70.52W,mb4.1/6,mb1 4.3/10, mb1mx4.2/15,ML3.9/4,MS3.9/4,Ms1 3.8/4,ms1mx3.5/14, Error ellipse: s-maj=26.7km s-min=15.1km az=94.0

NEIC 28 19:14:03.7,0.4,34.91S:70.40W,h10km,mb4.7/6, ML4.1(GUC), Error ellipse: s-maj=10.8km s-min=5.1km az=82.0

ISC 28 19:14:02.0,0.4,35.07S:0.02:70.43W,0.05,h10km,n48, az=156/55,mb4.3/11,MS4.0/3,15C-5D,Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
NICH	Los Niches	0.66	276	Op	ISC	19 14 14.3	-1.0
NICH	Los Niches	0.66	276	Op	ISC	19 14 14.3	-1.0
CACH	El Canelo	0.96	352	Op	Pb	19 14 12.4	-1.4
CACH	El Canelo	0.96	352	Op	Pb	19 14 12.4	-1.4
TALC	Talca	1.03	251	Op	Sb	19 14 20.6	-1.1
TALC	Talca	1.03	251	Op	Sb	19 14 20.6	-1.1
TALC	Talca	1.03	251	Op	Sb	19 14 35.6	
CHCH	Chadas Angostu	1.15	351	Op	Pb	19 14 22.9	-0.9
CHCH	Chadas Angostu	1.15	351	Op	Pb	19 14 22.9	-0.9
LMEL	Las Melosas	1.24	9	Op	Sb	19 14 24.2	-1.0
LMEL	Las Melosas	1.24	9	Op	Sb	19 14 41.8	+0.8
LMEL	Las Melosas	1.24	9	Op	Sb	19 14 46.8	
LN	Longovio	1.38	324	Op	Pn	19 14 26.0	-1.6
LN	Longovio	1.38	324	Op	Pn	19 14 27.9	-0.8
PCH	Pirque	1.45	357	Op	Sb	19 14 48.1	+0.8
PCH	Pirque	1.45	357	Op	Sb	19 14 48.1	+0.8
TACH	Talagante	1.46	343	Op	Pn	19 14 28.3	-0.7
TACH	Talagante	1.46	343	Op	Pn	19 14 29.1	-0.3
ANTU	Antumapu	1.51	344	Op	Sb	19 14 49.6	+0.6
ANTU	Antumapu	1.51	344	Op	Sb	19 14 51.2	
SAN	Santiago	1.63	353	Op	Pn	19 14 31.2	0.0
SAN	Santiago	1.63	353	Op	Pn	19 14 52.6	+0.3
SAN	Santiago	1.63	353	Op	Pn	19 14 54.5	
DSCH	Colegio Aleman	1.67	356	Op	Pn	19 14 31.8	0.0
DSCH	Colegio Aleman	1.67	356	Op	Pn	19 14 54.3	+0.8
DSCH	Colegio Aleman	1.67	356	Op	Pn	19 14 58.1	
CLCH	Cerro Calan	1.68	357	Op	Pn	19 14 32.1	-0.0
CLCH	Cerro Calan	1.68	357	Op	Pn	19 14 54.5	+1.0
CLCH	Cerro Calan	1.68	357	Op	Pn	19 14 59.3	
FCH	Farellones	1.75	4	Op	Pn	19 14 33.5	+0.7
FCH	Farellones	1.75	4	Op	Pn	19 14 57.2	+1.9
FCH	Farellones	1.75	4	Op	Pn	19 15 00.6	
LCCH	Las Cruces	1.85	329	Op	Pn	19 14 34.1	-0.2
LCCH	Las Cruces	1.85	329	Op	Pn	19 14 58.5	+0.5
CCHI	Chillan	2.03	221	Op	Pn	19 14 38.3	+1.4
CCHI	Chillan	2.03	221	Op	Pn	19 15 04.0	+1.5
CCHI	Chillan	2.03	221	Op	Pn	19 15 09.5	
JACH	Jahuel	2.39	357	Op	Pn	19 14 44.3	+2.2
JACH	Jahuel	2.39	357	Op	Pn	19 15 15.3	+3.6
MDZ	Mendoza	2.55	32	Op	Pn	19 14 49.6	+5.2
MDZ	Mendoza	2.55	32	Op	Pn	19 15 19.6	
MDZ	Mendoza	2.55	32	Op	Pn	19 15 28.7	+1.3
PLCA	Paso Flores	5.65	181	Op	Pn	19 15 30.4	+2.1
PLCA	Paso Flores	5.65	181	Op	Pn	19 15 47.2	-7.8
PLCA	Paso Flores	5.65	181	Op	Pn	19 17 01.7	
TRQA	Tornquist	7.43	116	Op	Pn	19 15 52.3	-1.1
LVC	Limon Verde	12.49	7	Op	Pn	19 17 02.6	-0.3
CPUP	Villa Florida	14.24	56	Op	Pn	19 17 25.2	-0.9
CPUP	Villa Florida	14.24	56	Op	Pn	19 21 35.5	
CPUP	Villa Florida	14.24	56	Op	Pn	19 23 36.2	
LPAZ	La Paz	18.82	7	Op	Pn	19 18 23.9	-0.5
EFI	East Falkland	18.83	156	Op	Pn	19 18 21.1	-3.1
USHA	Ushuaia	19.81	177	Op	Pn	19 18 36.4	+0.8
BDFB	Brasilia	27.90	52	Op	Pn	19 19 53.9	-0.5
BDFB	Brasilia	27.90	52	Op	Pn	19 30 42.1	
OTAV	Otavallo	35.92	346	Op	P	19 21 09.6	+4.8
UNV1	Neumayer-Stat	48.17	157	Op	P	19 22 56.0	+1.2
UNV1	Neumayer-Stat	48.17	157	Op	P	19 23 00.6	+1.7
UNV2	Neumayer-Watz	48.51	157	Op	P	19 22 48.5	+1.8
UNV2	Neumayer-Watz	48.51	157	Op	P	19 22 52.1	+5.4
SNA4	Sanaz	50.09	158	Op	P	19 22 56.5	-2.4
SNA4	Sanaz	50.09	158	Op	P	19 23 00.1	+1.1
OSPA	South Pole Qui	55.17	180	Op	P	19 23 38.3	+1.6

SBA comp=E,7.3nm,0.9s,mb4.7 Scott Base 62.30 192 eP P 19 24 28.4 +2.0

DWPF Disney 63.70 349 P P 19 24 34.8 -1.4

TXAR Lajitas Array 71.32 330 P P 19 25 23.0 -1.1

TXAR comp=E,1.32nm,1.5s 19 52 02.7

MAW Mawson 71.77 163 P P 19 25 27.0 +0.8

MAW comp=E,2.0nm,0.8s,mb4.1,baz=267,slow=3.1,SNR=4.3 19 55 31.8

MVT Waverly 72.67 345 eP P 19 25 29.8 -2.2

DBIC Dimbokro 74.28 70 P P 19 25 40.6 -1.3

PDAR Pinedale Array 85.32 332 P P 19 26 40.2 -0.3

PDAR Borovoye Array 85.32 332 P P 19 26 40.2 -0.3

NVAR Mina Array Bay 85.52 324 P P 19 26 41.4 -0.2

NVAR comp=E,1.1nm,1.0s,mb4.0,baz=119,slow=12,SNR=5.5 19 27 37.1 -6.9

MBAR Mbarara 98.80 97 eP P 19 32 54.0 -3.4

MBAR Warramunga Arr 120.44 207 PKP P 19 33 43.7 +1.0

ZRNK Zerenda 146.35 45 eP P 19 33 46.3 +0.7

BRVK Borovoye Array 147.13 45 PKP P 19 33 46.4 +0.6

BRVK comp=E,1.8nm,0.7s,baz=297,slow=3.3,SNR=9.1 19 33 57.7 +4.3

AAK Ala-Archa 151.81 64 eP P 19 35 13.4 0.0

SONM Songoing Array 167.03 10 PKP P 19 35 13.4 0.0

SONM comp=E,0.3nm,0.8s,baz=326,slow=5.2,SNR=4.1

NEIC 28 19:18:05.0,35.01S:70.58W,h5km,ML3.1(GUC),After GUC.

GUC 28 19:18:05.0,0.8,35.01S:70.58W,h5km,3km,MD3.5, ML3.1,8C-2D,Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
SFDO	San Fernando	0.53	317	Op	ISC	19 18 24.2	+1.4
SFDO	San Fernando	0.53	317	Op	ISC	19 18 24.2	+1.4
NICH	Los Niches	0.54	270	Op	Pg	19 18 16.1	+0.4
NICH	Los Niches	0.54	270	Op	Pg	19 18 24.2	+1.3
CICH	Cipreses	0.70	11	Op	Sg	19 18 17.3	-1.7
CICH	Cipreses	0.70	11	Op	Sg	19 18 27.4	-0.8
CACH	El Canelo	0.89	359	Op	Sb	19 18 30.1	-0.8
CACH	El Canelo	0.89	359	Op	Sb	19 18 34.4	-0.1
TALC	Talca	0.95	245	Op	Sb	19 18 22.7	-0.9
TALC	Talca	0.95	245	Op	Sb	19 18 36.6	+0.3
TALC	Talca	0.95	245	Op	Sb	19 18 36.8	
CHCH	Chadas Angostu	1.07	357	Op	Pb	19 18 24.9	-0.7
CHCH	Chadas Angostu	1.07	357	Op	Pb	19 18 40.7	+0.9
LN	Longovio	1.26	326	Op	Pb	19 18 27.8	-1.0
LN	Longovio	1.26	326	Op	Pb	19 18 44.9	-0.2
TACH	Talagante	1.38	347	Op	Pn	19 18 31.1	-1.4
TACH	Talagante	1.38					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINESS Array B, FINESS Array A, FINESS Array C, etc.

ICD 28 20:49:54.8.0.9, 34.94S:70.48W, mb3.8/4, mb1 4.1/7, mb1mx4.0/14, ML3.9/3, MS3.4/4, Ms1 3.4/4, ms1mx3.3/13, Error ellipse: s-maj=38.8km s-min=18.5km az=90.0

NEIC 28 21:49:56.9.0.3, 34.87S:70.48W, h10km, mb4.5/5, ML3.9(GUC), Error ellipse: s-maj=7.5km s-min=4.4km az=87.0

ISC 28 20:49:54.8.0.4, 35.04S:70.51W, h10km, n45, o088/60, mb4.1/8, 7C-12D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Los Niches, San Fernando, Cipro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Limon Verde, Villa Florida, La Paz, etc.

NEIC 28 21:17:16.5.0.4, 34.97S:70.52W, h3km, ML2.7(GUC), After GUC

GUC 28 21:17:16.5.0.8, 34.97S:70.52W, h3km, MD3.6, ML2.7, 8C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipro, etc.

ISC 28 21:26:52.3.2.8, 24.31N:89.41E, mb3.4/4, mb1 3.6/4, mb1mx3.4/18, Error ellipse: s-maj=105.0km s-min=25.1km az=72.0, Bangladesh

IGQ 28 21:31:27.6.2.06S:78.51W, h115km, 3km, mb4.1, 5C-5D, Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Agartala, Shillong, Malanchi Array, etc.

NEIC 28 21:50:46.3.34.99S:70.62W, h5km, ML3.1(GUC), After GUC

GUC 28 21:50:46.3.0.9, 34.99S:70.62W, h5km, 3km, MD3.5, ML3.1, 7C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Los Niches, Cipro, etc.

comp=N,310nm,0.4s

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

THE 28 21:57:44.2.38.26N:21.73E, h2km, NEIC 28 21:57:44.2.38.26N:21.73E, h2km, MD3.3(ATH), After THE

ATH 28 21:57:44.2.38.26N:21.63E, h34km, 3km, MD3.3/11, ISC 28 21:57:43.9.0.9, 38.27N:0.03:21.72E.0.03, h10km, 8km, n24, o094/33, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Riolos of Patr, Evrytania, Valsamata, etc.

ICD 28 21:59:12.4.2.2, 4.55S:102.22E, mb3.8/7, mb1 3.9/7, mb1mx3.8/14, Error ellipse: s-maj=99.1km s-min=18.4km az=57.0

ISC 28 21:59:15.8.1.9, 4.55S:0.3:102.4E.0.5, h33km, n7, o053/7, mb3.8/7, Southern Sumatra

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

ICD 28 21:29:54.5.32.11S:178.24W, mb4.1/3, mb1 4.3/3, mb1mx4.0/14, Error ellipse: s-maj=171.0km s-min=54.6km az=162.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Charters Tower, Warramunga Arr, etc.

BUI 28 22:16:47.9.41.00N:18.90E, h79km, mb4.8, mb4.5, Ms4.5, Ms2.4

ATH 28 22:16:47.2.41.34N:19.46E, h37km, MD4.1/17, ML4.4, PRU 28 22:16:48.3.40.99N:19.04E

PDG 28 22:16:48.3.0.7.41.25N:19.55E, h16km, 2km, TIR 28 22:16:48.4.41.31N:19.69E, h24km, M13.9

MOS 28 22:16:48.3.1.1.41.23N:19.50E, h33km, mb4.3/10, Error ellipse: s-maj=7.7km s-min=5.3km az=82.5

THE 28 22:16:49.3.41.34N:19.50E, h21km, ML4.2, ICD 28 22:16:50.1.2.3.41.25N:19.62E, h34km, 17km, mb3.8/14, mb1 3.9/22, mb1mx3.9/29, ML3.7/9, MS3.1/2, Ms1 3.2/2, ms1mx2.7/21, Error ellipse: s-maj=13.3km s-min=10.8km az=15.0

ZUR_RM 28 22:16:50.41.25N:19.57E, h18km, Mw4.0/23, Moment Tensor Solution. s23 Moment tensor: Scale 10^19Nm; Mn:0.55; Mo:0.01; Mo:0.57; Mo:0.62; Mo:0.63; Mo:0.60; Best double couple: Mo:1.6x10^15 NP1:0.132; d71: 1.74; NP2:0.353; d25: 1.129; Principal axes: T.9834, P161/1, Azm18; N.3618, P161/5, Azm138; P-1.3452, P162/4, Azm234;

NEIC 28 22:16:50.9.0.1.41.25N:19.57E, h50km, 4km, mb4.5/13, MD4.1(PDG), MD4.1(ATH), Error ellipse: s-maj=2.7km s-min=1.8km az=214.0

NEIC Felt at Tirana, LDG 28 22:16:51.0.0.1.41.24N:19.53E, h10km, M4.1/24, Error ellipse: s-maj=3.1km s-min=2.2km az=44.0

ISC 28 22:16:47.9.0.1.41.30N:0.01:19.56E.0.1, h24km, n305, o1940/411, mb4.3/25, MS3.2/4, 14C-23D, Albania

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPC, CALN, ABH, THEF, CLM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGMF, QUIF, ROIF, ROSTRE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKA, ARCES, FINES, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Escuelita Geolog, Bellamira, San Vicente, etc.

ROM 29 01:02:00.7, 0.1, 46.40N-12.80E, h5km, MD3.0/2, ML1.7/3, Error ellipse: s-maj=1.1km s-min=1.1km az=0.0, NEIC 29 01:02:00.8, 46.40N, 12.80E, h5km, MD2.4(LJU), MD3.0(ROM), ML2.2(VIE), After ROM, PRU 29 01:02:03.6, 46.43N, 13.02E, h4km, ISC 29 01:01:59.0-3, 46.38N-12.69E, 0.02, h5km, n37, 0.059/72, 13C-9D, Northern Italy

Main table for Northern Italy stations, including Casamicciola, Forni Avoltri, Malnisio, etc.

TAP 29 01:14:00.7, 24.69N-121.83E, h68km, ML3.6, Taiwan

NEIC 29 01:14:29.5-0.7, 50.13N-18.35E, h5km, ML3.0(VIE), Error ellipse: s-maj=9.5km s-min=5.9km az=208.0, PRU 29 01:14:30.0, 50.11N-18.38E, WRA 29 01:14:29.2, 50.08N-18.43E, ML2.6, 1C-2D, Mining

Table for Mining stations in Poland, including Raciborz, Ostrowska-Krasne, etc.

Table for Bougainville - Solomon Islands region, including KOLL, KSP, KSI, etc.

Table for NEIC 29 01:18:31.8, 35.08S-70.47W, h3km, ML3.4(GUC), After GUC 29 01:18:31.8, 1.1, 35.08S-70.47W, h3km, 4km, MD3.8, ML3.4, 6C-4D, Chile-Argentina border region

Main table for Chile-Argentina border region stations, including Los Niches, San Fernando, etc.

IDC 29 01:34:37.4-34.0, 7.71S-157.36E, mb3.9/3, mb1 4.0/3, mb1mx3.7/13, MS3.3/1, Ms1 3-3/1, ms1mx2.8/21, Error ellipse: s-maj=571.0km s-min=94.4km az=46.0, Bougainville - Solomon Islands region

Table for Bougainville - Solomon Islands region stations, including Charters Tower, Warramunga Arr, etc.

NEIC 29 01:35:25.9, 35.04S-70.61W, h6km, ML3.1(GUC), After GUC 29 01:35:25.9, 0.35, 04S-70.61W, h6km, 3km, MD3.7, ML3.1, 5C-3D, Chile-Argentina border region

Main table for Chile-Argentina border region stations, including San Fernando, Cipreses, etc.

IDC 29 01:36:19.9-2.9, 14.85S-177.60W, mb3.6/4, mb1 4.0/4, mb1mx3.8/14, MS3.3/1, Ms1 3.3/1, ms1mx2.8/23, Error ellipse: s-maj=286.0km s-min=26.0km az=154.0, Fiji Islands region

Table for Fiji Islands region stations, including Charters Tower, Warramunga Arr, etc.

FUNV 29 01:38:57.4, 10.69N-61.59W, h1km, MW3.4 TRN 29 01:38:59.9, 10.64N-61.59W, h6km, MD3.8, ISC 29 01:38:58.8-0.3, 10.64N-61.59W, 0.02, h6km, n25, 0.1528/41, 2D, Trinidad

Main table for Trinidad stations, including Trinidad (W), Pointe-a-Pierre, etc.

NEIC 29 01:39:15.5, 34.98S-70.56W, h5km, ML3.1(GUC), After GUC 29 01:39:15.5-0.6, 34.98S-70.56W, h5km, 2km, MD3.5, ML3.1, 8C-2D, Chile-Argentina border region

Main table for Chile-Argentina border region stations, including San Fernando, Cipreses, etc.

NEIC 29 01:50:25.5, 35.01S-70.58W, h3km, ML3.9(GUC), After GUC 29 01:50:25.5-0.8, 35.01S-70.58W, h3km, 3km, MD4.2, ML3.9, 5C-9D, Chile-Argentina border region

Main table for Chile-Argentina border region stations, including San Fernando, Cipreses, etc.

Table with columns: BRTR, Keskin Array B, 77.44 316, P, P, 04 54 47.2 +1.4. Includes sub-sections for GERES, TXAR, and Lajitas Array.

NAO 29 04:48:20.1±4.7, 71.98N±7.98E, h42km±92km, ML2.3

Main table for NAO 29 04:48:20.1±4.7, 71.98N±7.98E, h42km±92km, ML2.3. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 29 04:50:47.6, 16.16N±97.99W, h3km, MD3.9(MEX), After MEX

Main table for NEIC 29 04:50:47.6, 16.16N±97.99W, h3km, MD3.9(MEX). Columns: Code, Station Name, Az, Phase ID, Time, Res.

GUC 29 05:15:09.0±0.8, 35.06S±70.65W, h7km±4km, MD3.6

Main table for GUC 29 05:15:09.0±0.8, 35.06S±70.65W, h7km±4km, MD3.6. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 29 05:15:36.1±3.9, 6.80S±154.71E, h135km±36km, mb4.2/6

ISC 29 05:15:40.5±6.5, 7.0S±154.7E±0.2, h194km±63km, n21

Main table for NEIC 29 05:15:36.1±3.9, 6.80S±154.71E, h135km±36km, mb4.2/6. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: PDAR, Pinedale Array, 98.92 48 LR, LR, 06 11 52.4

NEIC 29 05:21:34.6±3.3, 2.95N±125.34E, h182km±32km, mb4.4/13

ISC 29 05:21:35.0±0.9, 2.90N±125.34E±0.1, h207km±12km, n36

Main table for NEIC 29 05:21:34.6±3.3, 2.95N±125.34E, h182km±32km, mb4.4/13. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 29 05:40:27.3±4.9, 15S±156.90E, h210km±40km, mb4.2/3

ISC 29 05:40:26.4±5.7, 9.1N±156.8E±0.2, h210km±52km, n13

Main table for NEIC 29 05:40:27.3±4.9, 15S±156.90E, h210km±40km, mb4.2/3. Columns: Code, Station Name, Az, Phase ID, Time, Res.

ISC 29 05:50:22.2±1.9, 30.78S±60.01E, mb3.8/3, mb1 4.0/3

Main table for ISC 29 05:50:22.2±1.9, 30.78S±60.01E, mb3.8/3, mb1 4.0/3. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, ERM, CTAO, WRAB, WRA, ASAR, ILAR, INK, YKA, YKA, YKA, ARCES, NVAR, FINES.

GUC 29 06:06:54.9±1.0, 35.11S±70.49W, h12km±9km, MD4.0

Main table for GUC 29 06:06:54.9±1.0, 35.11S±70.49W, h12km±9km, MD4.0. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 29 06:08:00.0±2.7, 50N±127.20E, h122km, Mw4.6 Best double couple

ISC 29 06:08:41.9±0.8, 27.51N±127.10E, h116km±8km, mb4.2/23

JMA 29 06:08:44.3±0.3, 27.46N±127.22E, h119km±4km, Mw4.6

Main table for NEIC 29 06:08:00.0±2.7, 50N±127.20E, h122km, Mw4.6 Best double couple. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Main table listing station codes, names, and technical parameters for stations in the 2004 AUG section.

Table listing station codes, names, and technical parameters for stations in the 600 section, including specific callouts for GUC and ICD.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Castebuono, Gibilmanna, Valguarnera, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like La Plagne, LPL, ORIF, GDM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LRG, LPL, ORIF, GDM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KAF, ARCES, JMJC, ZRNC, etc.

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

NIC 29 09:25:02.8-0.2, 35.10N-32.91E, h41km, ML3.2, MW2.9
NEIC 29 09:25:02.8, 35.10N-32.91E, h41km, After NIC.
ISK 29 09:25:04.1, 35.37N-32.92E, h5km, MD3.1
ISC 29 09:25:03.6+1.0, 35.08N-0.05-32.90E, 0.06, h39km, gkm, n14, c070/23, 6C-4D, Cyprus region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like LEF, ALFC, MAMM, SZAC, etc.

GUC 29 09:33:58.7-0.6, 34.88S-70.41W, h1km, 2km, MD3.6, ML2.5, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CICH, CICH, SFO, SFO, etc.

CASC 29 09:39:36.4+1.9, 13.31N-90.01W, h41km, 39km, MD3.6, ML3.7, 6C-9D, Near coast of Guatemala

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CUSS, CUSS, SBL, SBL, etc.

IDC 29 09:45:56.3-3.0, 5.69S-147.00E, mb3.6/2, mb1 3/7/3, mb1mx3.5/12, ML3.4/1, Error ellipse: s-maj=90.3km, s-min=50.5km, az=121.0, Eastern New Guinea region

Table with columns: JAM, Amami Oshima, 0.73 287, P, P, 15 22 37.8 +0.2, etc.

GUC 29 15:28:49.0±1.0, 35.02Sx70.64W, h2km, 3km, MD3.3, ML4.0

ICD 29 15:28:49.9±1.9, 34.80Sx70.71W, mb3.7/2, mb1 4/2, mb1mx4.0/13, ML4.2/2, MS3.4/3, Ms1 3.4/3, ms1mx3.0/18, Error ellipse: s-maj=107.0km, s-min=25.0km, az=86.0

NEIC 29 15:28:49.0, 35.03Sx70.64W, h1km, ML2.4(GUC), After GUC.

ISC 29 15:28:47.1±0.5, 35.09Sx0.02±70.52W, 0.05, h1km, n29, c0885/47, mb3.8/2, MS3.6/2, 5C-8D, Chile-Argentina border region

Main station list for Chile-Argentina border region, including SFDO San Fernando, CACH El Canelo, LNV Longovillo, etc.

NEIC 29 15:44:26.8±0.9, 34.96Sx70.55W, h0km, ML2.6(GUC), After GUC.

GUC 29 15:44:26.8±0.9, 34.96Sx70.55W, h0km, 5km, MD3.7, ML2.6, 3C-6D, Chile-Argentina border region

Main station list for Chile-Argentina border region, including SFDO San Fernando, CACH El Canelo, LNV Longovillo, etc.

PRU 29 15:50:07.6±45.21N±14.63E, h14km, ML2.2

LJU 29 15:50:07.6±45.26N±14.54E, h14km, ML2.2

NEIC 29 15:50:08.1±0.7, 45.25N±14.55E, h5km, ML2.8(VIE), Error ellipse: s-maj=9.2km, s-min=7.1km, az=60.0

ISC 29 15:50:07.2±0.5, 45.27N±0.03±14.60E, 0.03, h6km, 4km, n29, c1913/48, 11C-2D, Northwestern Balkan Peninsula

Main station list for Northwestern Balkan Peninsula, including KNDS Knezi Dol, BOJS Bojanci, NVLJ Novalja, etc.

Main station list for Iran-Azerbaijan border region, including VOY Vojsko, GOL Golise, COLI Coloredo, etc.

TIF 29 15:52:49.2, 39.58N±44.47E, h10km, Mpv4.4, 2C, Iran-Azerbaijan border region

Main station list for Iran-Azerbaijan border region, including ERE Yerevan, TVAN Van, STE Stepavan, etc.

OTT 29 15:59:45.4±0.1, 52.78N±67.24W, MN2.5/6, Blast, Mount Wright, Qc Mining explosion., Northern Quebec

Main station list for Northern Quebec, including SCHO Schefferville, MNQ Manicouagan, SMQ Clarke City, etc.

ICD 29 16:19:12.3±1.5, 3.48S±135.92E, mb3.9/4, mb1 4/1, mb1mx3.9/12, ML3.7/2, MS3.2/1, Ms1 3.2/1, ms1mx2.6/16, Error ellipse: s-maj=73.4km, s-min=32.1km, az=85.0

NEIC 29 16:19:12.3±1.5, 3.48S±135.92E, h40km, mb3.8/2, Error ellipse: s-maj=43.4km, s-min=13.7km, az=94.0

ISC 29 16:19:21.3±2.3, 3.89S±108.135E, 0.2, h70km, 21km, n12, c1907/17, mb3.6/3, Iran-Jaya region

Main station list for Iran-Jaya region, including KAKA Kakadu, WRAB Tennant Creek, WRA Warrungarra Arr, etc.

NEIC 29 16:44:05.1, 35.07Sx70.60W, h1km, ML3.4(GUC), After GUC.

GUC 29 16:44:05.1±0.9, 35.07Sx70.60W, h1km, 4km, MD3.9, ML3.4, 7C-6D, Chile-Argentina border region

Main station list for Chile-Argentina border region, including SFDO San Fernando, CACH El Canelo, LNV Longovillo, etc.

Main station list for Chile-Argentina border region, including CACH El Canelo, CHCH Chadas Angosto, LNV Longovillo, etc.

ICD 29 16:45:58.1±2.4, 0.50S±133.04E, mb3.3/2, mb1 3.5/4, mb1mx3.4/15, ML3.4/2, Error ellipse: s-maj=100.0km, s-min=24.7km, az=78.0, Irian Jaya region

Main station list for Irian Jaya region, including FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

NEIC 29 16:48:31.6±0.5, 35.06Sx70.56W, h3km, MD3.5(GUC), After GUC.

GUC 29 16:48:31.6±0.5, 35.06Sx70.56W, h3km, MD3.5, 2C-1D, Chile-Argentina border region

Main station list for Chile-Argentina border region, including SFDO San Fernando, CACH El Canelo, LNV Longovillo, etc.

ISK 29 16:53:44.1, 36.98N±27.70E, h12km, MD3.3

NEIC 29 16:53:44.4, 36.89N±27.66E, h24km, MD3.4(ATH), After ATH.

ATH 29 16:53:44.4, 36.89N±27.66E, h24km, 1km, MD3.4/6

ISC 29 16:53:44.9±0.6, 36.94N±0.04±27.69E, 0.04, h19km, 6km, n26, c0878/32, 2C, Dodecanese Islands

Main station list for Dodecanese Islands, including BDRM Kayabasi, MLGS Milas, YER Yerkelik, etc.

MOS 29 16:57:08.1±1.0, 42.74N±45.99E, h20km, mb3.6/1, Error ellipse: s-maj=56.1km, s-min=24.9km, az=1.6, Eastern Caucasus

Main station list for Eastern Caucasus, including BTLR Botlikh, XNZR Khunzakh, DBC Duzki, etc.

NEIC 29 16:57:44.2, 35.01Sx70.56W, h4km, ML3.2(GUC), After GUC.

GUC 29 16:57:44.2±0.9, 35.01Sx70.56W, h4km, 3km, MD3.8, ML3.2, 3C-5D, Chile-Argentina border region

Main station list for Chile-Argentina border region, including SFDO San Fernando, NICH Los Niches, CACH El Canelo, etc.

ATH 29 17:59:30.5, 0.4, 43N, 26.00E, h24km, MD3.5/3
ISC 29 17:59:29.0, 0.6, 40.42N, 0.02, 26.00E, 0.02, h5km, 5km,
n52, c=0.93/68, 1C, Aegean Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

NEIC 29 18:08:07.1, 35.01S, 70.55W, h3km, ML2.6(GUC), After GUC.

GUC 29 18:08:07.1, 0.6, 35.01S, 70.55W, h3km, MD3.6, ML2.6, 4C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Chile-Argentina border region.

GUC 29 18:14:13.9, 0.6, 34.95S, 70.45W, h2km, MD3.5, ML1.6, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Chile-Argentina border region.

GUC 29 18:38:43.2, 0.7, 35.08S, 70.54W, h3km, MD3.5, ML2.4, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Chile-Argentina border region.

ROM 29 18:39:26.2, 0.1, 43.87N, 11.96E, h7km, 1km, MD3.0/9, ML2.1/10, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0

NEIC 29 18:39:26.3, 43.87N, 11.96E, h8km, MD3.0(ROM), ML2.8(LDG), After ROM.

LDG 29 18:39:28.1, 0.1, 43.83N, 11.99E, h10km, ML2.8/15, Error ellipse: s-maj=2.3km s-min=1.6km az=111.0

ISC 29 18:39:29.0, 0.3, 43.82N, 0.02, 11.85E, 0.02, h10km, n64, c=1.54/101, 9C-3D, Central Italy

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Central Italy region.

Main table with columns: SFI, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

OTT 29 18:41:37.6, 0.4, 59.64N, 71.07W, h18km, MN2.6/8, 72km southwest from Kangirsuk, Qc Boothia Ungava Seismic Zone, Northern Quebec

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Northern Quebec region.

Table with columns: MALO, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the McAlpine Lake region.

IDC 29 18:49:43.9, 1.1, 43.09N, 105.67W, mb4.0/1, mb1 4.0/4, mb1mx3.6/23, ML3.3/3, Error ellipse: s-maj=18.2km s-min=8.6km az=162.0

NEIC 29 18:49:44.3, 0.7, 42.89N, 105.49W, h5km, ML3.8, Error ellipse: s-maj=9.3km s-min=6.2km az=112.0

NEIC Felt [V] at Douglas. ISC 29 18:49:43.0, 0.6, 42.87N, 0.04, 105.58W, 0.06, h5km, n39, c=1.23/50, mb4.2/1, Wyoming

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Wyoming region.

GUC 29 19:01:58.2, 0.8, 35.02S, 70.52W, h8km, 13km, MD3.5, ML3.1, 2C, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the Chile-Argentina border region.

IDC 29 19:21:26.2, 0.8, 49.97N, 157.11E, mb3.6/9, mb1 3.9/10, mb1mx3.7/24, ML3.6/1, Error ellipse: s-maj=24.0km s-min=16.5km az=158.0

MOS 29 19:21:27.2, 2.5, 49.93N, 157.15E, h33km, mb4.1/3, Error ellipse: s-maj=27.7km s-min=14.6km az=96.3

KRSC 29 19:21:28.1, 1.2, 49.74N, 157.58E, h32km, 16km, ML4.2

NEIC 29 19:21:31.9, 2.2, 50.00N, 157.04E, h37km, 19km, Error ellipse: s-maj=19.2km s-min=16.0km az=130.0

ISC 29 19:21:30.7, 1.2, 49.87N, 0.07, 157.54E, 0.08, h47km, 10km, n35, c=111/45, mb3.6/9, MS4.8/1, East of Kuril Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations for the East of Kuril Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PET, UGLR, AVH, SMAR, KOK, SLDL, SPN, etc.

NEIC 29:19:30:45.1, 35.13S:70.46W, h23km, ML2.9(GUC), After GUC

GUC 29:19:30:45.1, 35.13S:70.46W, h23km, gkm, MD3.5, ML2.9, 1C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NICH, SFDO, TALC, etc.

NEIC 29:19:35:32.4, 35.13S:70.32W, h2km, ML3.4(GUC), After GUC

GUC 29:19:35:32.4, 35.13S:70.32W, h2km, gkm, MD3.9, ML3.4, 2C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NICH, SFDO, TALC, etc.

IDC 29:19:47:15.1, 2.9, 8.51S:156.34E, mb3.8/4, mb1.4/0.4, mb1mx3.8/12, MS3.3/4, Ms1 3.3/4, ms1mx3.0/20, Error ellipse: s-maj=78.1km s-min=37.3km az=107.0, Bougainville - Solomon Islands region

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

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

IDC 29:19:56:20.7, 1.4, 12.39N:143.32E, mb3.7/4, mb1.4/0.4, mb1mx3.8/12, Error ellipse: s-maj=86.9km s-min=29.6km az=116.0

NEIC 29:19:56:21.8, 0.7, 12.39N:143.46E, h10km, mb4.6/1, Error ellipse: s-maj=30.3km s-min=14.0km az=121.0

ISC 29:19:56:22.2, 6.9, 12.3N:0.2, 143.5E, 0.2, h23km, 50km, n6, s1377/11, mb3.9/5, South Mariana Islands

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

KRSC 29:20:19:31.7, 1.9, 52.67N:154.10E, h587km, 8km, ML4.5

MOS 29:20:19:35.0, 3.7, 53.33N:153.47E, h494km, mb3.6/3, Error ellipse: s-maj=32.2km s-min=29.8km az=135.8

NEIC 29:20:19:37.5, 0.8, 53.32N:153.75E, h507km, 15km, mb4.4/2, Error ellipse: s-maj=34.7km s-min=15.2km az=59.0

IDC 29:20:19:39.6, 3.7, 53.32N:153.85E, h535km, 53km, mb3.0/6, mb1 3.2/7, mb1mx2.8/23, Error ellipse: s-maj=37.5km s-min=18.5km az=63.0

ISC 29:20:19:36.9, 0.5, 53.3N:0.1, 153.9E, 0.2, h517km, 9km, n34, s1114/13, mb3.4/7, Sea of Okhotsk

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APC, GNL, PAU, etc.

Table with columns: FINES, WRA, ASAR, comp, pmax, pmax, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR.

JMA 29:20:23:14.9, 0.1, 24.83N:122.56E, h96km, 2km, M2.1

TAP 29:20:23:16.1, 24.64N:122.60E, h85km, 1km, ML3.4

ISC 29:20:23:15.3, 2.2, 24.9N:0.2, 122.6E, 0.1, h85km, n6, s0947/11, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ, IRIF, HATJ, etc.

NEIC 29:20:23:28.0, 35.05S:70.63W, h8km, ML2.8(GUC), After GUC

GUC 29:20:23:28.0, 35.05S:70.63W, h8km, gkm, MD3.5, ML2.8, 4C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NICH, SFDO, TALC, etc.

IDC 29:20:32:34.9, 1.3, 13.12N:119.91E, mb3.5/3, sml1 3.7/3, mb1mx3.4/16, Error ellipse: s-maj=31.2km s-min=20.2km az=101.0

ISC 29:20:32:34.7, 1.3, 13.1N:0.1, 119.9E, 0.2, h10km, n4, s0975/5, mb3.5/3, Philippine Islands region

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

ATH 29:21:14:57.5, 36.93N:27.92E, h34km

ISK 29:21:14:58.0, 36.93N:27.86E, h10km, MD3.2

ISC 29:21:14:57.4, 0.7, 36.87N:0.04, 27.84E, 0.04, h8km, 5km, n16, s064/23, 1C, Dodecanese Islands

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

NEIC 29:21:19:22.3, 33.17S:70.23W, h6km, ML2.9(GUC), After GUC

GUC 29:21:19:22.3, 33.17S:70.23W, h6km, 2km, MD3.6, ML2.9, 4C-8D, Chile-Argentina border region

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SFDO San Fernando, CMCH Combarbala, TLL Tololo Astrono.

CASC 29 21:33:26.8, 17, 13.41N, 90.03W, h42km, 25km, MD3.7, ML4.1, 9C-9D, Near coast of Guatemala

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes CUSS Cusmapa, SBLSS San Blas, RTR El Retiro, SNJE San Jose, BOQS Boqueron, etc.

HRVD 29 22:08:31.0, 0.8, 62.81S, 165.46E, mb4.3/8, mb1 4.4/9, mb1mx4.3/13, ML4.7/1, MS4.9/13, Ms1 4.9/13, ms1mx4.7/21, Error ellipse: s-maj=31.5km s-min=19.8km az=69.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SBA Scott Base, RPZ Rata Peaks, URZ Urewera, QSPA South Pole Qui, STKA Stephens Creek, etc.

ISC 29 22:08:32.0, 0.6, 62.59S, 0.07x165.1E, 0.3, h10km, n28, r+103/16, mb4.3/11, MS4.8/13, 2C, Bailey Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SBA Scott Base, RPZ Rata Peaks, URZ Urewera, QSPA South Pole Qui, STKA Stephens Creek, etc.

NEIC 29 22:27:38.9, 35.03S, 70.60W, h6km, ML2.5(GUC), After GUC

GUC 29 22:27:38.9, 35.03S, 70.60W, h6km, 4km, MD3.5, ML2.5, 5D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes NICH Los Niches, SFDO San Fernando, CIPRES Cipreses, TALC Talca, CHCH Chadas Angostu, LMEL Las Melosas, etc.

NEIC 29 22:34:14.8, 0.8, 10.05S, 161.12E, mb4.2/3, Error ellipse: s-maj=18.4km s-min=12.7km az=121.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes HNR Honiara, CTA Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, WSA Alice Springs, etc.

NEIC 29 22:38:24.3, 0.8, 4.00N, 126.99E, h70km, mb4.3/2, Error ellipse: s-maj=48.7km s-min=11.7km az=69.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, STKA Stephens Creek, SONM Songo Array, MKAR Makanchi Array, etc.

GUC 29 22:54:54.9, 0.7, 28.13S, 68.81W, h145km, ML4.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes VACH Vallendar, TLL Tololo Astrono, LSCH La Serena, CMCH Combarbala, etc.

NEIC 29 23:07:55.6, 35.00S, 70.42W, h3km, ML2.6(GUC), After GUC

GUC 29 23:07:55.6, 35.00S, 70.42W, h3km, 3km, MD3.6, ML2.6, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SFDO San Fernando, CACH El Canelo, TALC Talca, CHCH Chadas Angostu, LMEL Las Melosas, etc.

DJA 29 22:55:10.4, 2.2, 8.18S, 119.39E, h254km, 26km, MD4.6/4, 2C-4D, Error ellipse: s-maj=126.7km s-min=7.8km az=130.0, Flores region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes KEDI Kedondong, NINI Nintocang, RATI Rata.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes INGI Ingas, TANI Tanete Lijupjan, LDG 29 23:01:47.7, 0.6, 50.39N, 17.09E, h1km, MG.0/3, Error ellipse: s-maj=19.9km s-min=11.8km az=156.0, Suspected Mining Induced, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes KSP Ksiaz, UPEC Upice, DPC Dobruska-Polom, PVCO Panska Ves, BRG Berggiesshubel, PRU Pruhonice, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes NKCC Nyck, OJC Ojcow, KHC Kasperske Hory, MOX Moxa, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes HIN Hinterfeld, HAU Haudemp, HFS Hagfors, HFS HFS, LOR Lormes, SBF Sospel, etc.

NEIC 29 23:07:55.6, 35.00S, 70.42W, h3km, ML2.6(GUC), After GUC

GUC 29 23:07:55.6, 35.00S, 70.42W, h3km, 3km, MD3.6, ML2.6, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SFDO San Fernando, CACH El Canelo, TALC Talca, CHCH Chadas Angostu, LMEL Las Melosas, etc.

ISC 29 23:17:26.8, 1.1, 3.08N, 126.78E, mb4.0/9, mb1 4.1/9, mb1mx4.0/15, Error ellipse: s-maj=106.0km s-min=15.9km az=70.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes SFDO San Fernando, CACH El Canelo, TALC Talca, CHCH Chadas Angostu, LMEL Las Melosas, etc.

30d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EGRO El Granado, ESPR Espera, EMIN Mina Concepcio, etc.

LDG 30 01:41:03.6:0.1, 45.72N-4.96E, h3km, Md2.0, MI1.8/18, Error ellipse: s-maj=1.0km s-min=0.8km az=27.0

STR 30 01:41:05.3:0.9, 45.69N-4.84E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.6km s-min=0.4km az=1.0

ISC 30 01:41:01.3:0.3, 45.73N-0.02:4.95E:0.02, h3km, n19, r152/35, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIVF Saint-Julien-F, PLDF La Plantade, ORIF Oris-en-Rattie, etc.

GUC 30 02:19:39.2:0.9, 35.09S:70.53W, h16km, 3km, MD3.6, ML3.0, 11C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NICH Los Niches, SFDO San Fernando, CIPRES Cipresses, etc.

STR 30 02:23:03.5:0.1, 44.42N-6.82E, h5km, 1km, ML2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

2004 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SURF Saint Ours, PZZ Prazzo, MBDF Montbardon, etc.

IDC 30 02:25:53.5:4.4, 30.27S-178.36W, mb3.9/2, mb1 4.2/2, s-mb1mx3.8/12, Error ellipse: s-maj=267.0km

Code Station Name Az AzZ Phase ID Time Res h m s ISC

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

GUC 30 03:01:04.0:1.0, 34.99S:70.57W, h6km, 3km, MD3.6, ML2.7, 8C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFDO San Fernando, NICH Los Niches, CICH Cipresses, etc.

IDC 30 03:23:25.3:5.7, 8.58S:119.58E, h164km, 56km, mb3.6/2, mb1 3.7/4, mb1mx3.4/14, Error ellipse: s-maj=132.0km

DJA 30 03:23:25.9:0.9, 8.93S:119.22E, h144km, 29km, MD4.7/3, ML4.8/2, Error ellipse: s-maj=86.7km s-min=29.5km

ISC 30 03:23:26.5:1.9, 9.0S:0.2:119.0E:0.2, h201km, n10, r15/16, mb3.8/1, 7C-1D, Submarine

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEDI Kedomdong, RATA Rata, INGI Ingas, etc.

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

GUC 30 03:32:42.1:0.7, 35.00S:70.58W, h3km, MD3.5, ML2.3, 4C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFDO San Fernando, CICH Cipresses, CACH El Canelo, etc.

KRSC 30 03:37:50.0:0.5, 55.52N:160.31E, h190km, 2km, ML3.8, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMNRR Kamenistaya, KMNRR, TUMR Tumrok, etc.

RUS Ruskaya 3.27 200 eP S 03 38 43.2 +0.2

NNC 30 04:04:28.0:7.9, 36.99N:70.16E, h196km, 86km, mpv3.4, Error ellipse: s-maj=80.5km s-min=45.3km az=37.0

ISC 30 04:04:17.5:2.0, 36.19N:10.10:70.5E:0.2, h143km, 27km, n16, c08/19, 3D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like THN Thein Dam, AML Almayashu, UCH Uchtor, etc.

ATH 30 04:25:30.7 35.94N-21.51E, h5km, MD3.9/12, ML3.9

NEIC 30 04:25:31.0 35.96N-21.51E, h6km, ML3.9(ATH), ML3.9(TH), ML3.6(ROM), After ATH

THE 30 04:25:35.6 36.17N-21.70E, h14km, ML3.9

IDC 30 04:25:37.0:1.8, 35.87N:21.46E, h72km, 19km, mb3.5/6, mb1 3.5/11, mb1mx3.4/26, Error ellipse: s-maj=41.4km

ISC 30 04:25:35.9:0.6, 36.12N:10.05:21.61E:0.04, h58km, 8km, n57, r1905/64, mb3.7/6, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLI Veliai, VLS Valsamata, NAIG Nisos Aigina, etc.

30d 5h

Table of station data for 30d 5h, including columns for station name, coordinates, and various parameters.

2004 AUG

Main table of station data for 2004 AUG, listing station names, coordinates, and parameters.

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Table of station data for 614, including station names, coordinates, and parameters.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DSCH Colegio Aleman, CLCH Cerro Calan, FCH Farellones, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANTU Antumapu, 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 ASAR Alice Springs, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 08:49:53.5, NICH Los Niches, SFDO San Fernando, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, RAR Rata Peaks, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 08:49:53.5, LNV Longovio, TACH Talagante, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 07:12:57.4, NICH Los Niches, SFDO San Fernando, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, ARE Arequipa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DSCH Colegio Aleman, CLCH Cerro Calan, FCH Farellones, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 08:50:54.5, FSR Penalenon, STL Santa Lucia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAML Samuel, BDFB Brasilia, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISK 30 08:50:54.5, ANTU Antumapu, FSR Penalenon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 07:27:33.0, SFDO San Fernando, NICH Los Niches, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR Tirane, LACI Lac, QSH Qafsa e Shtames, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISK 30 08:52:50.3, GZT Gaziantep, GAZ Gaziantep, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHCH Chadas Angostu, LMEL Las Melosas, LNV Longovio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSU Marysvalde, PDAR Pinedale Array, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 09:12:56.5, KGM Kluang, IPM Ipoh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STL Santa Lucia, PUEX Pudahuell, PUEX Pudahuell, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR Tirane, LACI Lac, QSH Qafsa e Shtames, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 30 09:12:56.5, KGM Kluang, IPM Ipoh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, CHG, CD2, KLR, HIA, SHL, GTA, LSA, LSA, SONM, ZAK, ZAK, PKI, KKN, DMN, DEY, SEY, GKN, BOD, KOL, SBA, MAW, MKAR, MKAR, MKAR, MKAR, NVS, NVS, MAW, MAW, KURK, KURK, KURK, AAK, PMR, SML, MCK, DIV, KKAR, KKAR, COLA, ILAR, ILAR, VOSK, VOSK, BRVA, BRVK, ZRNC, ZRNC, ZRNC, SYO, SYO, DLBC, BBB, AB31, YBH, YBH, YBH, RMW, ASMM, BEKR, MOD, MTUM, WVOR, NVAR, NVAR, NVAR, NEW, NEW, TPNV, ELNK, HLID, HLID, DUG, HWUT, TPAW, BW06, PDAR, PDAR, PDAR, ARCES, ARCES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES, ARCES, ARCES, GERES, GERES, GERES, NNA, ROSC, CPUP, CPUP, CPUP, SJC, SAML, MTP, KIC, DBIC, LIC, TIC, BDFB, BDFB, BDFB, GUC, NEIC, IDC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CICH, SFDO, CACH, LMEL, LMEL, CHCH, PCH, ANTU, ANTU, TACH, TACH, LNV, SAN, SAN, SAN, CLCH, CLCH, CLCH, TALC, TALC, TALC, DSCH, FCH, FCH, FCH, LCCH, CCHI, PLCA, TRQA, TRQA, TRQA, ARE, LPAZ, LPAZ, USHA, USHA, USHA, NNA, SAML, BDFB, BDFB, VNA3, VNA3, VNA3, VNA1, VNA1, VNA1, VNA2, VNA2, VNA2, SNA, SNA, SNA, SJA, SJA, GSPA, GSPA, TXAR, TXAR, TXAR, MAW, MAW, MAW, MAW, SADO, SADO, PDAR, PDAR, PDAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR, NVAR, ASAR, WRA, MKAR, MKAR, SONM, GUC, CICH, CICH, SFDO, CACH, CACH, CHCH, CHCH, LMEL, LMEL, PCH, PCH, ANTU, ANTU, ANTU, TACH, TACH, TACH, LNV, LNV, LNV, FSR, FSR, FSR, CLCH, CLCH, CLCH, FCH, FCH, FCH, LCCH, JACH, CASO, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUSS, CUSS, SBL, SBL, RTR, RTR, RTR, SNU, SNU, SNU, IXC, IXC, IXC, RBDD, BOOS, LFU, LFU, LFU, LFRS, LFRS, LFRS, NBS, NBS, NBS, NBS, NBS, MTOZ, MRL, HRVD, NVAR, NVAR, NVAR, MUN, KLRB, FOR, ADE, STKA, STKA, MAW, MAW, MAW, MAW, ASPA, ASPA, ASPA, FITZ, FITZ, FITZ, FITZ, SBA, SBA, SBA, WRA, WRA, WRA, WB2, WRAB, WRAB.

30d 12h

Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like MKAR Makanchi Array, KURK Kurchatov, and many others.

2004 AUG

Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like CHMS Chumysh, WDC Whiskeytown Da, and many others.

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Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like TRO Tromso, TRO Tromso, and many others.

EDRB	Edirne	79.25 325	P	P	12 35 26.1	-0.2
PCPT	Cooper Cave	79.26 47	eP	P	12 35 25.7	-0.9
PAL	Palisades	79.27 37	eP	P	12 35 25.6	-0.9
PAL			e		12 35 25.6	-0.9
PAL	comp=Z,18nm,0.7s,mb5.1			pmax		
PAL	Palisades	79.27 37	eP	P	12 35 25.1	-1.4
LIBD	Limburg	79.31 340	eP	P	12 35 27.0	+0.5
LIBD	Limburg	79.31 340	eP	P	12 35 26.9	+0.4
SQTA	Sanik Quirin	79.32 337	iP	P	12 35 27.1	+0.5
YLV	Yalova	79.32 322	P	P	12 35 24.8	-2.0
YLV	Yalova	79.32 322	P	P	12 35 24.7	-2.1
ECH	Echery	79.34 340	eP	P	12 35 27.0	+0.3
DKKS	Podkum	79.35 334	P	P	12 35 27.1	+0.4
LEGS	Legarie	79.39 334	P	P	12 35 26.9	-0.1
BRYW	Bryant College	79.39 35	eP	P	12 35 26.1	-1.0
LSR	Lussari	79.40 335	iP	P	12 35 27.0	-0.1
KIZ	Kirchzarten	79.42 340	eP	P	12 35 27.3	+0.2
SISB	Singen-Sch Ber	79.43 339	P	P	12 35 28.6	+1.4
CRES	Cresnjevec ost	79.46 334	P	P	12 35 27.5	+0.1
SLE	Schleitheim	79.47 339	iP	P	12 35 26.9	-0.5
FELD	Feldberg	79.48 340	eP	P	12 35 28.1	+0.7
FVI	Forni Avoltri	79.49 336	eP	P	12 35 27.5	-0.1
SEST	Monte Sest	79.50 336	P	P	12 35 28.1	+0.5
PTCC	Patocco-Chiusa	79.51 336	eP	P	12 35 26.9	-0.8
DIM	Dimitrovgrad	79.52 326	P	P	12 35 28.0	+0.2
MEZF	Mazieres J'vi	79.52 342	eP	P	12 35 27.9	+0.2
LJU	Ljubljana	79.52 335	iP	P	12 35 26.9	-0.9
LJU			eP	P	12 36 26.0	-4.0
LJU			eS	S	12 45 28.0	+0.7
ELU	Prospectdale	79.56 44	eP	P	12 35 27.1	-1.0
UMR	Umm Al-Rimman	79.57 303	eP	P	12 35 27.4	-0.9
UMR			Amb	AMB	12 35 29.5	
WEIN	Weingarten	79.58 339	iP	P	12 35 28.5	+0.5
MIB	Mutribah	79.58 304	eP	P	12 35 27.9	-0.4
MIB			Amb	AMB	12 35 30.0	
PGB	Panagyurishte	79.58 327	iP	P	12 35 27.5	-0.6
GRUS	Gruzu	79.59 330	iP	P	12 35 27.0	-0.4
CEYT	Ceyhan	79.59 316	P	P	12 35 29.4	+1.1
CEYT	Ceyhan	79.59 316	P	P	12 35 29.1	+1.0
DAVA	Damulus	79.59 338	iP	P	12 35 28.3	+0.3
THEF	They Montfort	79.59 341	eP	P	12 35 28.6	+0.6
ESKT	Eskisehir	79.61 321	P	P	12 35 28.0	-0.4
ESKT	Eskisehir	79.61 321	P	P	12 35 27.1	-0.4
ROBS	Robic	79.62 335	P	P	12 35 28.2	+0.0
DIVS	Divcibare	79.64 330	iP	P	12 35 27.5	-0.9
BOO	Bordano	79.66 336	eP	P	12 35 27.0	-1.5
GMNA	Gemona	79.67 336	eP	P	12 35 28.3	-0.2
KAMOR	Kamor	79.68 338	iP	P	12 35 28.3	-0.2
MOF	Molkenrain	79.69 340	eP	P	12 35 28.8	+0.2
WILA	Wila	79.70 339	iP	P	12 35 28.8	+0.1
WILA	Wila	79.70 339	iP	P	12 35 28.8	+0.1
WILA	Wila	79.70 339	iP	P	12 35 28.8	+0.1
WILA	Wila	79.70 339	iP	P	12 35 28.8	+0.1
HAU	Haudompre	79.72 341	eP	P	12 35 28.7	-0.1
HAU			eR			
BLA	Blacksburg	79.72 43	P	P	12 35 29.2	+0.2
BLA			pmax	pmax		
BLA	Blacksburg	79.72 43	eP	P	12 35 28.5	-0.5
BLA			pmax	pmax		
KIZT	Kizilcal	79.72 320	P	P	12 35 29.4	+0.4
KIZT	Kizilcal	79.72 320	P	P	12 35 29.3	+0.3
CORT	Iskenderun	79.73 315	iP	P	12 35 29.1	+0.2
MPRI	Monte Prat	79.76 336	iP	P	12 35 28.0	-1.0
PLD	Plovdiv	79.78 326	P	P	12 35 29.0	-0.2
SULZ	Sulz-Chescheas	79.78 339	iP	P	12 35 28.7	-0.4
SULZ			iP	P	12 35 29.4	+0.3
ULDT	Uludag	79.78 322	iP	P	12 35 29.1	-0.2
HINF	Hinterfald	79.79 340	iP	P	12 35 28.8	-0.3
JAVS	Javornik	79.79 335	eP	P	12 35 28.0	-1.1
ZURIC	Zurich	79.82 339	iP	P	12 35 29.3	+0.0
ZUR	Zurich	79.82 339	iP	P	12 35 29.9	+0.6
CEY	Cernikna	79.83 335	P	P	12 35 29.7	+0.3
KAB	Kabd	79.87 303	eP	P	12 35 29.8	+0.0
VTS	Vitoshka	79.87 327	iP	P	12 35 29.2	-0.3
VTS	Vitoshka	79.89 327	P	P	12 35 29.8	+0.0
PLONS	Plons	79.93 338	iP	P	12 35 29.7	-0.2
MLNI	Malnisio	79.95 336	iP	P	12 35 29.0	-1.0
EBIS	Basel-Jauren	79.95 340	eP	P	12 35 30.6	+0.5
BBB	Basel-Blauen	79.98 340	eP	P	12 35 31.1	+1.1
LRAL	Lakeview Retre	79.99 50	eP	P	12 35 28.8	-1.7
LRAL			LR	LR		
RST	Umm Al-Ruwaisa	80.00 304	eP	P	12 35 30.3	-0.3
RST			Amb	AMB	12 35 32.2	
APPI	Appiano	80.00 337	P	P	12 35 29.7	-0.6
RAR	Rarotonga	80.02 131	LR	LR	13 03 31.1	
KNI	Talmassons	80.03 336	eP	P	12 35 31.0	+0.6
TLDS	Knezli Dol	80.04 335	eP	P	12 35 30.0	-0.5
FAU	Forella Aurin	80.04 336	iP	P	12 35 29.9	-0.6
TRI	Trieste	80.04 336	eP	P	12 35 30.6	+0.0
BALST	Balsthal	80.06 340	iP	P	12 35 30.6	+0.0
DAVOX	Davos	80.06 338	P	P	12 35 30.8	+0.2
DAVOX	Davos	80.06 338	P	P	12 35 30.8	+0.2
BNT	Bandirama	80.08 323	iP	P	12 35 31.0	+0.2
QRN	Al-Qurain	80.09 303	eP	P	12 35 30.6	-0.6
QRN			Amb	AMB	12 35 32.8	
BOURR	Bourrignon	80.11 340	iP	P	12 35 30.6	-0.2
FUORN	Ofenpass	80.12 338	iP	P	12 35 31.5	+0.6
CAE	Caneva	80.13 336	iP	P	12 35 30.0	-1.0
RZN	Rozhen	80.14 326	iP	P	12 35 31.0	-0.1
HTY	Hatay	80.14 315	eP	P	12 35 32.1	+0.8
RDF	Al-Radifah	80.15 303	eP	P	12 35 31.5	+0.1
RDF			Amb	AMB	12 35 33.5	
BARS	Barje	80.16 328	iP	P	12 35 29.4	-1.8
MUO	Muotathal	80.18 339	iP	P	12 35 31.0	-0.2
MUO	Muotathal	80.18 339	iP	P	12 35 31.5	+0.3
LLS	Linth-Limmern	80.21 339	iP	P	12 35 31.4	+0.0
LLS	Linth-Limmern	80.21 339	iP	P	12 35 31.6	+0.2
BRMO	Bormio	80.22 338	eP	P	12 35 32.7	+1.3
CBN	Corbin	80.22 41	LR	LR	12 35 31.0	-0.7
LOMP	Lomont	80.24 340	eP	P	12 35 31.6	+0.1
NVSS	Nova Varos 2	80.26 330	-1.4	P	12 35 30.0	-1.4
CTI	Castel Tesino	80.30 337	eP	P	12 35 31.3	-0.6
FLN	La Folliere	80.30 345	eP	P	12 35 31.5	-0.3
FLN			eR			
KONT	Konyaz-Tatoy	80.30 319	P	P	12 35 31.8	-0.3
ALD	Altdorf	80.31 325	eP	P	12 35 31.5	-0.5
RO	Rodt	80.31 321	P	P	12 35 32.1	+0.0
ALP	Alpintas	80.31 321	P	P	12 35 32.0	-0.1
BNALP	Bannalp	80.31 329	iP	P	12 35 32.1	+0.1
ALN	Alexandroupoli	80.33 325	eP	P	12 35 31.3	-0.9
LDF	La Druijette	80.34 345	eP	P	12 35 32.0	-0.4
VDL	Val di Lei	80.44 338	iP	P	12 35 33.0	+0.4
VDL	Val di Lei	80.44 338	iP	P	12 35 33.2	+0.6
HASLI	Hasliberg	80.50 339	iP	P	12 35 32.8	-0.1

LPK	Lapseki	80.51 324	P	P	12 35 33.2	+0.1
PLE	Pljevlja	80.52 330	iP	P	12 35 33.2	+0.1
KKB	Krupnik	80.57 327	iP	P	12 35 34.0	+0.6
MABI	Malga Bissina	80.58 337	eP	P	12 35 33.1	-0.3
MMB	Musumestre	80.58 327	iP	P	12 35 33.0	-0.5
WIMIS	Wimms	80.70 339	eP	P	12 35 33.5	-0.5
BRANT	Les Verrieres	80.70 340	iP	P	12 35 34.2	+0.2
BALB	Balikesir	80.71 323	eP	P	12 35 26.2	-8.0
GRR	Gorran	81.12 345	eP	P	12 35 34.0	+0.2
IVA	Berane	80.76 330	iP	P	12 35 34.0	-0.4
NVLJ	Novaja	80.78 334	iP	P	12 35 33.9	-0.6
UPM	Unac-Piva	80.79 331	iP	P	12 35 33.5	-1.0
LOR	Lor	80.94 342	iP	P	12 35 35.2	-0.1
LOR			eR			
LKBD	Leukerbad	80.97 339	iP	P	12 35 36.5	+1.1
PVY	Plavje	80.98 330	iP	P	12 35 34.8	-0.8
SAL	Salo	80.99 337	eP	P	12 35 35.5	-0.1
SRS	Serrai	81.04 326	eP	P	12 35 35.8	-0.1
SKO	Skopje	81.05 328	iP	P	12 35 35.9	+0.0
SGM	Saint Gilles	81.06 340	eP	P	12 35 35.9	+0.0
MUGIO	Muggio	81.07 338	iP	P	12 35 35.5	-0.4
HDMB	Hdmb	81.07 318	P	P	12 35 36.6	+0.4
HDMB	Hdmb	81.07 318	P	P	12 35 36.5	+0.3
CABF	La Chapelle	81.10 340	iP	P	12 35 36.4	+0.3
NGY	Niksic	81.11 330	iP	P	12 35 35.0	-1.2
SGM	Saint Gilles	81.12 347	iP	P	12 35 35.9	-0.3
ROSF	Rostrenen	81.15 347	eP	P	12 35 36.5	+0.2
IKL	Iskik	81.15 317	iP	P	12 35 36.9	+0.3
IKL	Iskik	81.15 317	iP	P	12 35 36.9	+0.3
AIGLE	Aigle	81.16 340	iP	P	12 35 36.3	-0.1
ISP	Isparata	81.17 320	eP	P	12 35 36.3	-0.4
BRY	Bratogost	81.17 331	eP	P	12 35 34.9	-1.6
MMK	Matmark	81.20 339	eP	P	12 35 37.2	+0.6
MMK	Matmark	81.20 339	iP	P	12 35 37.6	+1.0
SSF	Saint Sauge	81.21 342	iP	P	12 35 36.6	-0.1
GRYOV	Gryov	81.21 340	iP	P	12 35 36.9	+0.2
KYV	Kyvalandovo	81.23 327	iP	P	12 35 36.6	-0.3
NAT	Nandrikon	81.25 327	eP	P	12 35 36.3	-0.7
MCGN	Macugnaga	81.29 339	eP	P	12 35 38.1	+1.0
BOO	Bordano	81.31 339	eP	P	12 35 37.8	+0.6
DIX	Grande Dixence	81.31 339	iP	P	12 35 37.9	+0.7
SALAN	La Salanfe	81.34 340	iP	P	12 35 37.6	+0.2
TTG	Tignes	81.37 330	iP	P	12 35 36.5	-1.0
AKS	Akhsar	81.39 322	iP	P	12 35 38.1	+0.3
SOH	Sokhos	81.39 326	eP	P	12 35 36.9	-0.8
MAINT	Manisa	81.42 322	iP	P	12 35 37.7	-0.2
EMV	Vieux Emossan	81.44 340	iP	P	12 35 38.4	+0.5
EMV	Vieux Emossan	81.44 340	iP	P	12 35 38.5	+0.6
STON	Ston	81.47 331	P	P	12 35 36.7	-1.4
AVF	Avril sur Loir	81.50 342	iP	P	12 35 38.4	+0.2
LMS	Limon	81.53 325	eP	P	12 35 37.9	-0.6
SOF	Signal de Mont	81.54 342	iP	P	12 35 38.6	+0.2
QUAF	Quistinic	81.54 347	eP	P	12 35 38.5	+0.1
PPT	Papeete	81.58 130	P	P	12 35 42.9	+3.7
PPT	Papeete	81.58 130	P	P	12 35 42.9	+3.7
HUR	Huranovoli	81.59 326	eP	P	12 35 38.2	-0.5
OCY	Oceanopolis	81.60 330	iP	P	12 35 37.6	-1.2
ORO	Oropa	81.60 339	eP	P	12 35 38.9	+1.0
BUM	Brajci-Budva	81.60 330	iP	P	12 35 38.3	-0.5
GRG	Griva	81.61 327	eP	P	12 35 38.2	-0.7
PRK	Parkevici	81.61 324	eP	P	12 35 38.4	+0.3
PLG	Polygyros	81.75 326	eP	P	12 3	

Table with columns: PAIG, OUR, RDO, HENT, SGKT, SSKT, CSS, KZD, RZN, MMB, ELDT, KNT, VTB, KKB, COBT, ECVT, MLR, JABAL, ASF, ASF, EIL, EIL, AKASG, VRAC, GERES, FRF, CLB, CABF, WDF, HAU, LASF, SMF, MTLF, SSF, AVF, BGF, BAIF, ETSF, SJRF, GORR, FINES, SGMF, HFS, ESDC, QUIF, NOA, MKAR, SCHO, CMAR

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

Table with columns: BKM, URZ, URZ, CTA, CTAO, STKA, STKA, STKA, RAR, WRB, WRA, ASAR, ASAR, ASPA, KAKA, FITZ, FITZ, FITZ, NWA0, SBA, GSPA, GSPA, MAW, CMAR, SNA, VNA3, VNA2, SONM, USHA, NVAR, MNV, TPNV, NEN, IALR, ARCES, KHC, GERES

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

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

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

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

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

GUC 30 13:19:33.0-0.8, 35.045:70.53W, h3km, ML4.5
NEIC 30 13:19:33.0, 35.045:70.53W, h3km, ML4.5, ML4.5(GUC), After GUC.
NEIC Felt [III] at Los Queues and [II] at Curico and Talca, Chile.
GUC 30 13:17:17.1-0.1, 35.165:70.33W, h14km, ML3.6, 7C-1D, Chile-Argentina border region

Code Station Name Az Phase ID Time Res
IDC 30 13:40:47.6, 0.9, 21.32S-169.22E, mb4.3/10, mb1.4/4/11, mb1mx4.4/10, ML3.6/1, MS4.4/9, MS1.4/4/9, ms1mx4.3/16, Error ellipse: s-maj=26.7km s-min=22.2km az=150.0
NEIC 30 13:40:49.4, 0.5, 21.23S-169.17E, h10km, mb4.4/9, Error ellipse: s-maj=15.1km s-min=10.6km az=179.0
ISC 30 13:40:48.0, 3.7, 21.17S-0.09:169.07E-0.07, h10km, 23km, n41, c1:108/36, mb4.3/15, MS4.4/8, 5C-1D, Southeast of Loyalty Islands

JMA 30 13:44:24.6, 0.5, 32.59N-137.80E, h389km, 5km, M3.9
BUI 30 13:44:25.2, 32.71N-137.62E, h361km, mb4.3
MOS 30 13:44:25.1-0.8, 32.58N-137.53E, h359km, mb3.9/16, Error ellipse: s-maj=19.0km s-min=11.5km az=102.3
IDC 30 13:44:27.1-0.6, 32.60N-137.57E, h361km, 6km, mb3.6/19, mb1.3/8/22, mb1mx3.7/27, Error ellipse: s-maj=11.4km s-min=8.4km az=99.0
NEIC 30 13:44:27.1-0.5, 32.60N-137.54E, h362km, 4km, mb4.1/25, Error ellipse: s-maj=5.9km s-min=4.4km az=136.6
ISC 30 13:44:26.2, 0.3, 32.63N-0.04:137.61E-0.04, h366km, 2km, n125, c1:195/138, mb4.0/48, 3C, Southeast of Honshu

30d 15h

Table of station data for 30d 15h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

2004 AUG

Table of station data for 2004 AUG, including columns for station name, coordinates, and various parameters.

GUC 30 13:59:09.6±0.9,35.075x70.55W,h13km,7km,MD3.6,

Table of station data for GUC 30 13:59:09.6±0.9,35.075x70.55W,h13km,7km,MD3.6, including columns for station name, coordinates, and various parameters.

NEIC 30 14:06:06.8,39.35N-20.78E,h18km,MD3.4(ATH),

Table of station data for NEIC 30 14:06:06.8,39.35N-20.78E,h18km,MD3.4(ATH), including columns for station name, coordinates, and various parameters.

NNC 30 14:20:27.3±26.0,38.35N-71.32E,mpv4.0,Error ellipse:

Table of station data for NNC 30 14:20:27.3±26.0,38.35N-71.32E,mpv4.0,Error ellipse:, including columns for station name, coordinates, and various parameters.

GUC 30 15:33:04.6±0.9,34.78Sx70.65W,h3km,ML3.9,1C-2D,

Table of station data for GUC 30 15:33:04.6±0.9,34.78Sx70.65W,h3km,ML3.9,1C-2D, including columns for station name, coordinates, and various parameters.

628

Table of station data for 628, including columns for station name, coordinates, and various parameters.

MEX 30 15:33:53.0±1.1,40.242Nx106.14W,h20km,56km,MD3.9,

Table of station data for MEX 30 15:33:53.0±1.1,40.242Nx106.14W,h20km,56km,MD3.9, including columns for station name, coordinates, and various parameters.

ISC 30 15:33:53.4±1.1,40.83N-108.31E,0.06,h10km,n5,

Table of station data for ISC 30 15:33:53.4±1.1,40.83N-108.31E,0.06,h10km,n5, including columns for station name, coordinates, and various parameters.

ISC 30 15:40:29.9±0.3,12.2S-122.4E,0.1,h67km,30km,n6,

Table of station data for ISC 30 15:40:29.9±0.3,12.2S-122.4E,0.1,h67km,30km,n6, including columns for station name, coordinates, and various parameters.

MOS 30 15:58:31.7±1.6,49.29N,156.07E,h35km,mb3.9/3,ISC

Table of station data for MOS 30 15:58:31.7±1.6,49.29N,156.07E,h35km,mb3.9/3,ISC, including columns for station name, coordinates, and various parameters.

ISC 30 15:58:33.5±1.1,49.27N-107.156E,2E,0.1,h51km,12km,

Table of station data for ISC 30 15:58:33.5±1.1,49.27N-107.156E,2E,0.1,h51km,12km, including columns for station name, coordinates, and various parameters.

FX1 Attu Island-F 11:27 65 P

Table of station data for FX1 Attu Island-F 11:27 65 P, including columns for station name, coordinates, and various parameters.

OTT 30 15:59:40.0±0.3,52.76N,67.08W,MN2.9/8,Blast, Mount

Table of station data for OTT 30 15:59:40.0±0.3,52.76N,67.08W,MN2.9/8,Blast, Mount, including columns for station name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, MNQ Manicouagan, SMQ Clarke City, etc.

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

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

IDC 30 16:08:14.0±0.6, 50.66S:71.95W, mb4.8/8, mb1 4.8/10, mb1mx4.7/13, ML4.3/2, MS4.4/13, MS1 4.4/13, ms1mx4.3/16, Error ellipse: s-maj=31.9km s-min=14.7km az=90.0

ELN Prospectdale 87.24 333 eP P 16 21 042 -0.4
WMOK Wichita Mounsta 88.22 358 eP P 16 21 057 -0.8
TUC Tucson 89.39 328 eP P 16 21 12.6 +0.4

CASC 30 16:09:22.0±1.9, 13.36N:90.19W, h38km±138km, MD3.2, ML3.6, 3C-2D, Near coast of Guatemala

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, GERES GERESS Array B, GERES GERESS Array B, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARE Arequipa, VNA3 Neumayer Olymp, LPAZ La Paz, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

30d 18h

BUI 30 16:45:59.3,24.68N-99.70E,h12km,mb3.7,ML3.8
NEIC 30 16:45:59.2,30.24.59N-99.65E,h7km,mb2.9km,Error
ellipse: s-maj=10.3km s-min=8.3km az=98.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like Kunming, Chiangrai, Chiang Mai Arr, etc.

MDD 30 17:03:03.0-0.4, 42.99N-0.18E, h12km, 3km, mbLg1.1/2,
Error ellipse: s-maj=4.3km s-min=2.6km az=164.0,
PRXIMO

STR 30 17:03:03.0-0.4, 03.41N-0.09W, h5km, 1km, M12.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0,
LDG 30 17:03:03.0-0.1, 42.96N-0.18E, h10km, M1.6/2, M1.4/2,
Error ellipse: s-maj=2.3km s-min=0.9km az=166.0,
ISC 30 17:03:03.0-0.7, 42.98N-0.07-0.20E-0.05, h15km, 6km,
n10, 0.063/16, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like Labassere, Esparros, View, Etsaut, Graus, etc.

SNSN 30 17:23:18.6, 24.53N-36.32E, h10km, M13.8
IDC 30 17:23:20.0-0.9, 24.68N-36.39E, mb3.9/15, mb1.4/0/19,
mb1mx4.0/25, ML3.3/4, MS3.5/4, M5.1/3.5/4, ms1mx2.2/18,
Error ellipse: s-maj=19.7km s-min=17.8km az=47.0,
NEIC 30 17:23:22.0-0.7, 24.68N-36.39E, h10km, mb4.3/5, Error
ellipse: s-maj=13.8km s-min=12.6km az=66.0,
ISC 30 17:23:20.0-0.6, 24.73N-10.06-36.40E-0.06, h10km, n39,
0.120/39, mb3.9/19, MS3.5/2, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like Umm Lajj, DBAS, TBKS, etc.

2004 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like NOA, KURK, MKAR, etc.

IDC 30 17:34:45.1-0.9, 27.81N-139.98E, h483km, 27km, mb2.8/4,
mb1.2/9.5, mb1mx2.7/21, Error ellipse: s-maj=81.0km
s-min=17.4km az=77.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like CBIJ, WARR, MKAR, etc.

IDC 30 17:41:39.7-4.5, 8.61S-119.99E, h194km, 50km, mb3.3/3,
mb1.3/3.5, mb1mx3.1/16, Error ellipse: s-maj=86.5km
s-min=34.4km az=53.0

ISC 30 17:41:32.8-2.9, 8.45S-0.2-119.7E-0.3, h176km, 25km, n8,
0.152/11, mb4.0/2, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like FITZ, KAKA, WRA, etc.

TIR 30 18:22:07.7, 42.45N-19.98E
PDG 30 18:22:08.0-0.2, 42.48N-20.05E, h10km, 1km
ISC 30 18:22:06.4-1.0, 42.47N-20.03-20.16E-0.07, h10km, n12,
0.086/24, 2C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like BCI, PVY, IVA, etc.

DJA 30 18:29:12.7-1.9, 8.93S-114.03E, h2km, MD5.3/4, ML4.8/3,
3C-3D, Error ellipse: s-maj=27.8km s-min=18.0km
az=45.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like INGI, KELI, KATI, etc.

CASC 30 18:35:32.7-1.4, 13.99N-93.12W, h84km, 29km, MD4.5,
ML4.5, mb4.0(NEIC)
MEX 30 18:35:33.0-0.8, 14.01N-93.32W, h14km, 54km, MD4.6
NEIC 30 18:35:33.0-0.8, 14.15N-93.16W, h29km, 19km, mb4.0/13,
MD4.6(MEX), Error ellipse: s-maj=17.0km s-min=8.9km
az=209.0

IDC 30 18:35:44.6-3.2, 14.69N-92.78W, h104km, 25km, mb3.9/10,
mb1.4/1/2, mb1mx3.9/21, MS3.7/10, Ms1.3/7/10,
ms1mx3.5/24, Error ellipse: s-maj=28.9km s-min=15.7km
az=41.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like JAT, COM, IXP, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like SNJE, MRL, LFRS, etc.

IDC 30 18:54:01.3-2.2, 4.24S-127.83E, h269km, 22km, mb3.7/5,
mb1.3/9.7, mb1mx3.7/15, Error ellipse: s-maj=44.4km
s-min=9.5km az=64.0

NEIC 30 18:54:01.3-2.3, 4.30S-127.71E, h272km, 26km, mb4.3/8,
Error ellipse: s-maj=29.0km s-min=10.4km az=51.0

ISC 30 18:53:54.8-1.9, 4.15S-10.1-127.9E-0.2, h221km, 19km, n23,
0.087/29, mb4.4/12, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like KAKA, FITZ, WRA, etc.

IDC 30 18:54:01.3-2.2, 4.24S-127.83E, h269km, 22km, mb3.7/5,
mb1.3/9.7, mb1mx3.7/15, Error ellipse: s-maj=44.4km
s-min=9.5km az=64.0

NEIC 30 18:54:01.3-2.3, 4.30S-127.71E, h272km, 26km, mb4.3/8,
Error ellipse: s-maj=29.0km s-min=10.4km az=51.0

ISC 30 18:53:54.8-1.9, 4.15S-10.1-127.9E-0.2, h221km, 19km, n23,
0.087/29, mb4.4/12, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I S C. Includes stations like KAKA, FITZ, WRA, etc.

Table with columns: SSE, LR, LR, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like INK Inuvik, DAWY Dawson, ETO Baotou, etc.

Table with columns: KMNTR, TUMR, TUMR, KZRZ, KZRZ, KZRZ, etc. Includes stations like Kamenshiyaya, Tumrok, Kozyr, etc.

Table with columns: comp=N,644nm,0.5s, NICH, NICH, CCHI, CCHI, etc. Includes stations like Los Niches, Chilian, etc.

GUC 30 22:18:52.0-0.5, 35.005N-70.58W, h2km, g3km, MD3.6, ML2.8, 7C-2D, Chile-Argentina border region

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

KISR 30 22:53:39.4-1.7, 31.25N-50.00E, h40km, 697km, ML3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FX1 Attu Island-F, FX1 Attu Island-F, etc.

NIED 30 23:22:00.24, 60N:121.80E, h80km, Mw4.3 Best double couple

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWC Suao, ILAN Ilan, etc.

PRU 30 22:41:03.7, 51.57N-16.12E, WAR 30 22:41:05.1, 51.54N-16.06E, ML2.7, Mining Induced

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPC Dobruska-Polom, etc.

ASAO 30 22:53:48.0-4.7, 31.60N-50.13E, h14km, 73km, ML2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UMR Umm Al-Rimman, MIB Mutribah, etc.

ISC 30 22:53:41.5-0.6, 31.03N-0.07, 49.83E-0.10, h10km, n9, o=077/15, Western Iran

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

MOS 30 22:49:17.3-1.6, 55.19N-164.89E, h45km, mb4.2/1, Error ellipse: s-maj=17.5km s-min=14.9km az=45.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI Bering, KBTR Krutoberegovo, etc.

ASAO 30 22:53:48.0-4.7, 31.60N-50.13E, h14km, 73km, ML2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Ashiant, ASAO Asiant, etc.

ISC 30 23:08:18.8-1.7, 8.03S-147.40E, h106km, 16km, mb3.8/4, mb1 3.8/6, mb1mx3.6/13, Error ellipse: s-maj=41.6km s-min=16.2km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LSZ Lusaka, LIC Lamto, KIC Kusan Boka, etc.

IDC 31 01:22:11.8:6.0, 0.87N: 118.76E, h42km, 57km, mb3.9/11, mb1.4, 1/11, mb1mx4.0/19, MS3.4/2, Ms1.3/5.2, ms1mx4.0/17, Error ellipse: s-maj=70.6km s-min=14.6km az=58.0

NEIC 31 01:22:19.4:9.0, 70N: 118.69E, h130km, 50km, mb4.4/8, Error ellipse: s-maj=37.2km s-min=9.6km az=57.0

ISC 31 01:22:05.6:3.0, 9N: 0.2, 118.8E: 0.3, h13km, 41km, n26, 0.05N/25, mb4.3/16, MS3.3/2, 1D, Borneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KKM Kota Kinabalu, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

MDD 31 01:24:00.0:0.4, 42.98N: 0.28E, h17km, 3km, mblg1.6/3, Error ellipse: s-maj=3.6km s-min=2.1km az=9.0, PRXIM0 STR 31 01:24:00.0:0.2, 43.00N: 0.1E, h5km, 1km, M1.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 31 01:24:00.0:0.1, 42.99N: 0.28E, h15km, Mdl1.8/2, M1.6/2, Error ellipse: s-maj=2.3km s-min=1.4km az=176.0

ISC 31 01:24:00.0:0.5, 43.00N: 0.04, 0.28E: 0.03, h18km, 4km, n18, 0.05N/26, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Code Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EPP Esparros, EPF Labassere, etc.

Table with columns: EPOB, Lg, Time, Res, ISC. Includes stations like LFF La Frestate, CAF Calviac, etc.

IDC 31 01:40:03.0:0.8, 50.71S: 72.32W, mb4.5/6, mb1.4/6/7, mb1mx4.4/11, ML4.7/1, MS1.1/11, MS1.4/11, ms1mx4.0/14, Error ellipse: s-maj=40.6km s-min=19.9km az=81.0

BUI 31 01:40:05.9, 50.60S: 72.30W, h19km, mb4.6, Ms2.4

NEIC 31 01:40:06.0:6.5, 50.63S: 72.33W, h19km, 38km, mb4.7/13, Error ellipse: s-maj=25.4km s-min=9.0km az=83.0

SYO 31 01:40:05.9, 50.63S: 72.33W, h19km, MB4.7

ISC 31 01:40:05.9:3.5, 50.59S: 0.07, 72.3W: 0.3, h33km, 29km, n59, 0.05N/33, mb4.8/19, MS4.2/10, 6C-2D, Southern Chile-Argentina border region

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

IDC 31 02:22:24.9:2.8, 23.08S: 176.10W, mb3.6/3, mb1.3/9/3, mb1mx3.7/14, MS3.8/3, Ms1.3/8/3, ms1mx3.3/13, Error ellipse: s-maj=190.0km s-min=33.4km az=160.0, South of Fiji Islands

ISC 31 02:32:50.2:0.4, 46.39N: 0.02, 15.10E: 0.03, n18, 0.05N/34, 4C, Northwestern Balkan Peninsula

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

IDC 31 02:13:24.8:2.2, 40.67S: 174.84E, mb3.8/3, mb1.3/9/5, mb1mx3.8/12, ML3.0/2, Error ellipse: s-maj=53.6km s-min=13.8km az=134.0

WEL 31 02:13:31.6:0.1, 40.74S: 175.02E, h37km, 1km, ML3.9/8, Error ellipse: s-maj=1.1km s-min=0.5km az=90.0

WEL Fellt in the Wellington region, maximum reported intensity MM 4.

NEIC 31 02:13:31.5, 40.73S: 175.01E, h35km, ML3.9(WEL), After WEL.

NEIC Fellt along the Kapiti Coast.

ISC 31 02:13:30.8:0.2, 40.72S: 0.02, 174.94E: 0.03, h33km, n63, 0.05N/73, mb3.6/3, 6C-4D, Cook Strait

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ghir-Karzin, Kerman, Nasin, Keskin Array B, Makanchi Array, FINESS Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Stepanavan, Akhalkalaki, Mtsminda.

NEIC 31 05:14:32.2, 37.71S, 176.25E, h187km, After WEL. WEL 31 05:14:32.2, 37.72S, 176.29E, h188km, 4km, ML3.8/6, 4C-1D, Error ellipse: s-maj=4.6km s-min=4.4km, MZ=0.0, North Island

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including MWZ, MGZ, BKZ, WTVZ, NGZ, CNZ, PUZ, etc.

IDC 31 05:47:16.2, 1.5, 35.86N, 140.34E, mb3.2/3, mb1 3.5/3, mb1 3.5/2, Error ellipse: s-maj=46.0km s-min=33.3km az=92.0

JMA 31 05:47:24.3, 0.1, 36.02N, 140.38E, h54km, 1km, M2.6. NEIC 31 05:47:24.4, 2.5, 35.85N, 140.42E, h64km, 20km, mb4.0/1, Error ellipse: s-maj=29.3km s-min=23.0km az=85.0

IDC 31 05:47:23.4, 0.6, 35.99N, 0.04, 140.45E, 0.07, h65km, 6km, n16, c096/21, mb3.3/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Yasato, Ashikaga, Boso 3, etc.

NEIC 31 05:54:54.1, 0.8, 21.81S, 68.35W, h118km, 7km, mb4.1/3, Error ellipse: s-maj=17.8km s-min=10.8km az=94.0

IDC 31 05:54:55.1, 6.8, 21.75S, 68.33W, h126km, 51km, mb3.4/4, mb1 3.5/5, mb1mx3.4/13, Error ellipse: s-maj=68.6km s-min=27.1km az=21.0

IDC 31 05:54:52.9, 0.8, 21.83S, 0.09, 68.4W, 0.2, h124km, 9km, n14, c096/12, mb3.9/5, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Limon Verde, La Paz, LPAC, LPZA, etc.

IDC 31 06:06:11.3, 4.3, 18.75S, 169.40E, mb3.6/3, mb1 3.9/3, mb1mx3.6/12, Error ellipse: s-maj=224.0km s-min=33.6km az=150.0

IDC 31 06:06:10.5, 2.9, 20.0S, 0.6, 170.0E, 0.6, h33km, n6, c0597/7, mb3.7/3, Vanuatu Islands

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

IDC 31 06:17:52.1, 3.7, 42.49N, 84.53E, h16km, 23km, mb3.9/6, mb1 4.0/10, mb1mx3.8/23, ML3.4/4, MS2.9/1, Ms1 2.9/1, ms1mx1.8/28, Error ellipse: s-maj=28.6km s-min=14.3km az=62.0

BJJ 31 06:17:53.5, 42.36N, 84.43E, h24km, ML4.4. NEIC 31 06:17:54.4, 3.3, 42.50N, 84.49E, h33km, 25km, mb4.3/2, Error ellipse: s-maj=13.5km s-min=9.4km az=202.0

NNC 31 06:18:02.6, 2.4, 43.09N, 84.78E, h25km, 11km, mpv3.9, Error ellipse: s-maj=17.4km s-min=12.0km az=130.0

IDC 31 06:17:54.6, 0.5, 42.70N, 0.05, 84.6E, 0.1, h33km, n30, c185/36, mb4.0/7, 8C-3D, Northern Xinjiang

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

IDC 31 06:27:31.2, 0.8, 53.59N, 161.83E, mb3.6/8, mb1 4.0/9, mb1mx3.8/23, ML3.6/1, Error ellipse: s-maj=26.5km s-min=12.5km az=160.0

NEIC 31 06:27:32.8, 0.5, 53.63N, 161.84E, h10km, mb4.6/1, Error ellipse: s-maj=20.4km s-min=9.8km az=166.0

MOS 31 06:27:33.5, 1.2, 53.55N, 162.01E, h36km, mb3.9/2, Error ellipse: s-maj=15.5km s-min=10.4km az=80.9

KRSC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

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

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

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

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

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

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

IDC 31 06:27:34.1, 0.6, 53.59N, 161.91E, h36km, 7km, ML4.3. IDC 31 06:27:33.5, 1.0, 53.58N, 0.02, 161.93E, 0.05, h28km, 8km, n54, c110/86, mb3.7/9, Off east coast of Kamchatka Peninsula

31d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Apache, Esso, Sredinnyy, Malaya Ipe'l'ka, Pauzetka, Severo-Kuril's, Attu Island-F, Matushiro, Eielson Array, Makanchi Array, Mina Array, Pinedale Array, FINESS Array, Lajitas Array, Warramunga Arr, Alice Springs, etc.

IDC 31 07:08:55.0, 2.7, 63.49N; 152.66W, mb3.3/2, mb1 3.8/5, mb1mx3.5/21, ML3.0/3, Error ellipse: s-maj=50.5km s-min=17.9km az=130.0

NEIC 31 07:08:00.1, 63.41N; 151.42W, h10km, ML3.6(PMR), ML3.3(AIC), ML3.3(AIC)

IDC 31 07:08:59.6, 0.8, 63.44N; 0.03, 151.43W, h13km, 6km, n55, c074/61, mb3.3/2, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTH, TRF, MCK, CUK, SKT, NEA, MLY, DHY, PWA, STLK, SUA, GHO.

2004 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COLA, TTA, PMR, TFO1, GCLM, SML, HDA, FIB, PMS, ILI, ILAR, ILAR, ILAR, BKG, RCM, GCSA, IM3, PAX, IMA, CFI, SVW, LTI, GLI, DET, SOW, DIV, FID, LTL, COLD, CNPD, EYAK, BMRM, CLB, BC3, BALM, BM3, DAWY, PCA, PNL, INK, YKA, YKA, PDAR, TXAR, TXAR.

GUC 31 07:33:30.6, 1.3, 35.03S; 70.58W, h5km, 5km, MD3.6, ML2.7, 7C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NICH, SFDO, CICH, CACH, CACH, TALC, TALC, CHCH, LMEL, LNV, LNV, SJCH, TACH, PCH, ANTU, ANTU, RCDM, RCDM, STL, DSCH, DSCH, CLCH, CLCH, FCH, FCH, LCH, LCH, PELM.

IDC 31 07:38:47.8, 2.0, 29.97N; 57.77E, mb3.7/4, mb1 3.8/4, mb1mx3.5/21, MS3.0/1, Ms1 3.0/1, ms1mx2.3/23, Error ellipse: s-maj=46.4km s-min=33.7km az=14.0

THR 31 07:38:49.4, 0.8, 30.07N; 57.50E, h16km, 10km, ML3.6, ISC 31 07:38:49.5, 0.8, 30.1N; 0.1, 57.50E, 0.07, h16km, n55, c089/10, mb3.6/4, MS2.9/1, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRBR, KRBR, ZHFS, ZHFS, GHIR, GHIR, NASN, NASN, BRTR, BRTR, BVAR, BVAR, MKAR, MKAR, ZAL, ZAL, WRA, WRA.

GUC 31 07:39:46.7, 1.2, 32.23S; 71.95W, h34km, 7km, MD3.9, ML3.0, 3C-2D, Near coast of central Chile

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUEX, PUEX, PUEX, PUEX, STL, STL, STL, DSCH, DSCH, FSR, FSR, ANTU, ANTU, SJCH, SJCH, LMEL, LMEL, TLL, TLL, TLL.

IDC 31 07:43:38.5, 1.9, 2.65S; 141.27E, mb3.4/2, mb1 3.8/3, mb1mx3.6/12, ML3.4/1, Error ellipse: s-maj=268.0km s-min=30.2km az=111.0, Near north coast of Guinea

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

IDC 31 07:43:38.1, 1.1, 0.203S; 178.48W, h564km, 136km, mb3.0/6, mb1 3.4/6, mb1mx3.2/13, Error ellipse: s-maj=129.0km s-min=40.1km az=157.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, WRA, NVAR, TXAR, ILAR, PDAR, ARCES.

NEIC 31 07:45:22.0, 2.2, 63.91S; 179.98E, h547km, 29km, mb4.9/6, Error ellipse: s-maj=27.8km s-min=14.0km az=204.0

IDC 31 07:45:23.4, 2.2, 23.94S; 179.86E, h553km, 23km, mb3.6/7, mb1 3.8/8, mb1mx3.5/16, Error ellipse: s-maj=34.8km s-min=18.7km az=171.0

IDC 31 07:45:22.6, 2.1, 23.95S; 0.1, 179.8E, 0.1, h561km, 28km, n27, c076/26, mb4.4/10, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, URZ, MGZ, NGZ, QZ, QZ, TRZ, CTA, CTA, CTA, PMG, STKA, STKA, ASAR, ASPA, WB2, WRAB, WRA, WRA, FORT, FORT, KAKA, FITZ, FITZ, SNA, TXAR, ARCES, AKASG, BRTR.

MEX 31 07:54:04.9, 1.9, 19.35N; 97.57W, h7km, 12km, MD3.7, Veracruz

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

KRSC 31 07:55:19.9, 0.7, 53.58N; 161.87E, h40km, 7km, ML3.8, Off east coast of Kamchatka Peninsula

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Moose Pass, Fire Island, Susitna One, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WEL 31 10:32:53.2, 1.35.30S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like W2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUC 31 11:03:53.8, 34.96S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, IDC 31 11:19:18.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRSC 31 11:24:42.0, 1.4, 54.82N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BKE Bering, BKI Bering, BKL Bering, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HEL 31 11:35:57.6, 0.5, 60.95N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VJF Virojoki, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CICH Cipresses, CACH El Canelo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LDG 31 11:49:16.8, 0.3, 17.22S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vanuatu Islands, BKM Butte a Klehm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, PUZ Puketiti, etc.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like WRA, ASAR, ASPA, KAKA, FITZ, KLB, etc.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like MA2, HHC, MAW, SEY, LZH, SAO, etc.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like PKI, WUAZ, VNA3, KKN, DMN, etc.

Table with columns: BRTR, Keskín Array B, 134.92 310, PKIKP, PKPdf, 12 08 35.1 +0.5, 12 11 14.1, comp=Z,3.0nm,0.9s, pmax, pmax, comp=N,5.0nm,0.9s, EIL, Elat, 135.86 295 P, 12 11 49.3, 12 11 49.4, comp=N,16nm,1.1s, baz=116,slow=7.2,SNR=9.0, GPK, GPK, 137.43 335 ePKP, 12 08 42.3 +3.5, 12 11 52.9, OJC, Ojcov, 138.43 330 ePKIP, 12 08 43.9 +3.2, 12 11 58.9, OKC, Ostrava-Krasne, 148.48 331 eSKP, 12 08 44.6, 12 08 44.6, PSZ, Piszkesteto, 139.89 327 ePKP, 12 08 44.5 +1.0, 12 11 59.2, PSZ, eSKP, 12 11 59.2, 12 11 59.2, DPC, Dobruska-Polom, 139.95 332 ePKHKP, 12 08 38.5, 12 11 59.7, UPC, Upice, 139.97 333 ePKIKP, 12 08 45.2 +1.7, 12 11 59.5, UPC, 12 08 45.2 +1.7, VYHS, Vyhne, 140.05 329 ePKP, 12 08 39.5 -4.2, 12 11 58.9, PVCC, Panska Ves, 140.58 334 eSKP, 12 08 42.0 -2.6, 12 08 49.0 +4.4, CLL, Colim, 140.61 336 ePKIKP, 12 12 00.5, 12 12 00.5, CLL, 12 12 00.5, CLL, Colim, 140.61 336 ePKP, 12 08 42.0 -2.6, 12 12 00.5, CLL, 12 12 00.5, PRU, Pruhonice, 140.99 333 ePKHKP, 12 08 40.1, 12 12 02.2, PRU, 12 12 02.2, EKA, Eskdalemuir Ar, 141.20 352 SKPbc, 12 12 01.9, 12 12 01.9, NKC, Novy Kostel, 141.68 335 ePKP, 12 08 43.1, 12 08 43.1, KHC, Kasperske Hory, 142.05 333 ePKHKP, 12 08 44.2, 12 09 52.7, KHC, Kasperske Hory, 142.05 333 ePKP, 12 12 04.8 +6.3, 12 08 44.2 -2.9, GERES, GERES Array B, 142.21 333 PKHKP, 12 08 43.6, 12 08 43.6, GERES, 142.21 333 PKHKP, 12 12 05.1, 12 12 05.1, GERES, GERES Array B, 142.21 333 PKHKP, 12 08 43.6, 12 12 05.1, GERES, 142.21 333 PKHKP, 12 08 43.6, 12 12 05.1, SKO, Skopje, 142.45 318 ePKP, 12 08 45.5 -2.6, 12 12 06.5 -1.6, SKO, 12 12 06.5 -1.6, ARSA, Arzberg, 142.53 330 PKP, 12 08 46.3 -1.7, 12 08 45.6 -2.4, GRAT, Grafenberg Arr, 142.59 336 ePKP, 12 08 46.9 -1.4, 12 08 46.9 -1.4, GRF, Grafenberg Arr, 142.59 336 ePKIP, 12 08 46.9 -1.4, 12 08 51.0 +1.9, MOA, Molln, 142.69 331 PKP, 12 12 07.2, 12 12 07.2, IDI, Anoyia, 142.92 307 PKP, 12 08 49.5 0.0, 12 08 49.2 -0.4, IDI, 142.92 307 PKP, 12 08 49.5 0.0, 12 08 49.2 -0.4, SISAC, Sisak, 143.32 327 PKP, 12 08 49.9 +0.3, 12 08 49.9 +0.3, SIND, Sindelford, 143.49 337 ePKP, 12 08 49.9 +0.3, 12 08 49.9 +0.3, OBKA, Obir, 143.53 329 PKP, 12 08 49.4 -0.4, 12 08 49.4 -0.4, DCN, Croghan, 143.57 356 ePKP, 12 08 49.4 -0.4, 12 08 49.4 -0.4, TROMA, Tromsø, 143.57 338 ePKP, 12 08 49.4 -0.4, 12 08 49.4 -0.4, TOD, Tromm, 143.57 338 PKP, 12 08 49.4 -0.4, 12 08 49.4 -0.4, KBA, Koelnbreinsper, 143.69 331 PKP, 12 08 50.0 -0.1, 12 08 50.0 -0.1, SWS, Schriesheim, 143.71 338 eP, 12 08 50.4 +0.6, 12 08 50.4 +0.6, ABH, Alteburg, 143.78 339 ePKP, 12 08 50.4 +0.6, 12 08 50.4 +0.6, LHJ, Ljubljana, 143.87 329 ePKP, 12 08 50.2 -0.1, 12 08 50.2 -0.1, HDH, Heidenheim, 143.88 335 ePKP, 12 08 50.3 -0.1, 12 08 50.3 -0.1, VISS, Visnje, 143.88 328 ePKP, 12 08 50.3 -0.1, 12 08 50.3 -0.1, KTD, Kalmit, 144.07 338 ePKP, 12 08 50.8 +0.6, 12 08 50.8 +0.6, RUP, Ruppelstein, 144.10 339 ePKP, 12 08 50.9 +0.1, 12 08 50.9 +0.1, RTD, Tromsø, 144.13 338 PKP, 12 08 50.9 +0.1, 12 08 50.9 +0.1, CEY, Cerknica, 144.13 329 ePKP, 12 08 51.0 +0.2, 12 08 51.0 +0.2, PTCC, Patocco-Chiusa, 144.18 330 ePKP, 12 08 50.8 -0.1, 12 08 50.8 -0.1, VOY, Vojsko, 144.19 329 ePKP, 12 08 50.7 -0.3, 12 08 50.7 -0.3, JAVY, Javornik, 144.20 329 ePKP, 12 08 51.1 +0.1, 12 08 51.1 +0.1, WATA, Waldermal, 144.29 333 PKP, 12 08 51.8 +1.0, 12 08 51.8 +1.0, FVI, Forni Avoltri, 144.30 331 ePKP, 12 08 51.1 0.0, 12 08 51.1 0.0, WTTA, Wattenberg, 144.31 333 PKP, 12 08 51.8 +0.9, 12 08 51.8 +0.9, BUCH, Bad Urach, 144.32 336 ePKP, 12 08 52.0 +0.9, 12 08 52.0 +0.9, GMA, Gemona, 144.32 338 ePKP, 12 08 51.6 +0.4, 12 08 51.6 +0.4, LBG, Lerchenberg, 144.35 337 ePKP, 12 08 51.9 +0.7, 12 08 51.9 +0.7, WLF, Walferdang, 144.43 340 ePKP, 12 08 52.2 +1.0, 12 08 52.2 +1.0, LANF, Langenberg, 144.46 338 PKP, 12 08 52.0 +0.7, 12 08 52.0 +0.7, GIVF, Givet, 144.46 342 ePKP, 12 08 51.8 +0.6, 12 08 51.8 +0.6, SOTA, Saint Quirin, 144.53 333 PKP, 12 08 52.5 +1.0, 12 08 52.5 +1.0, UBR, Ubersuh, 144.53 335 ePKP, 12 08 52.0 +0.9, 12 08 52.0 +0.9, BAIF, Baives, 144.68 343 PKP, 12 08 52.7 +0.9, 12 08 52.7 +0.9, GUT, Gutenstein, 144.72 336 ePKP, 12 08 52.9 +1.1, 12 08 52.9 +1.1, STR, Strasburg, 144.80 338 PKP, 12 08 54.3 +2.1, 12 08 54.3 +2.1, SPA, Spaichingen, 144.82 338 PKP, 12 08 53.6 +1.4, 12 08 53.6 +1.4, WLS, Welschbrunn, 145.10 338 PKP, 12 08 53.7 +1.3, 12 08 53.7 +1.3, CDF, Champ du Feu, 145.12 338 PKP, 12 08 54.4 +1.3, 12 08 54.4 +1.3, LIBD, Limburg, 145.23 338 eP, 12 08 54.9 +2.2, 12 08 54.9 +2.2, LIBD, 145.23 338 PKP, 12 08 53.9 +2.2, 12 08 53.9 +2.2, CTI, Castel Tesino, 145.23 331 ePKP, 12 08 54.4 +1.7, 12 08 54.4 +1.7, KIZ, Kirchzarten, 145.27 337 ePKP, 12 08 54.5 +1.8, 12 08 54.5 +1.8, FELH, Feldberg, 145.31 337 ePKP, 12 08 54.7 +1.9, 12 08 54.7 +1.9, ECH, Echery, 145.33 338 PKP, 12 08 54.4 +1.6, 12 08 54.4 +1.6, DAVOX, Davos, 145.35 334 ePKP, 12 08 54.9 +0.9, 12 08 54.9 +0.9, DAVOX, 145.35 334 SKPbc, 12 12 12.7, 12 12 12.7, DAVOX, 145.35 334 SKPbc, 12 12 12.7, 12 12 12.7, BRMO, Bormio, 145.47 333 ePKP, 12 08 55.5 +2.4, 12 08 55.5 +2.4, BRMO, 145.47 333 PKP, 12 08 55.3 +1.9, 12 08 55.3 +1.9, THEF, Theifentorf, 145.73 339 PKP, 12 08 55.6 +2.1, 12 08 55.6 +2.1, THEF, Hinterfeld, 145.78 338 PKP, 12 08 56.0 +2.1, 12 08 56.0 +2.1, HAU, Haudompre, 145.80 339 PKP, 12 08 56.2 +1.4, 12 08 56.2 +1.4, MEZF, Maizieres J, 145.80 340 PKP, 12 08 56.7 +1.9, 12 08 56.7 +1.9, FBS, Basel-Blauen, 145.84 337 ePKP, 12 08 56.4 +2.7, 12 08 56.4 +2.7, BMS, Monte Sant'Angelo, 145.97 322 ePKP, 12 08 56.8 +2.6, 12 08 56.8 +2.6, COMF, Lomont, 146.18 338 PKP, 12 08 57.5 +3.1, 12 08 57.5 +3.1, RGNG, Rignano Grg, 146.20 322 ePKP, 12 08 57.5 +2.9, 12 08 57.5 +2.9, RSM, Repubblica di, 146.40 328 ePKP, 12 08 59.1 +4.2, 12 08 59.1 +4.2, FSSB, Fossombone, 146.41 328 ePKP, 12 08 58.8 +3.9, 12 08 58.8 +3.9, CING, Cingoli, 146.41 327 ePKP, 12 08 58.9 +3.9, 12 08 58.9 +3.9, ARV, Arovia, 146.43 333 PKP, 12 08 59.3 +4.1, 12 08 59.3 +4.1, VAI, Varese, 146.64 334 ePKP, 12 08 59.5 +4.1, 12 08 59.5 +4.1, ORI, Oriolo Calabro, 146.65 319 ePKP, 12 08 59.4 +3.8, 12 08 59.4 +3.8, SPI, Santa Sofia, 146.72 329 ePKP, 12 08 60.0 +4.5, 12 08 60.0 +4.5, PFD, Poggio Sodo, 146.81 329 ePKP, 12 08 59.3 +3.6, 12 08 59.3 +3.6, ZCCA, Zocca, 146.82 330 ePKP, 12 08 59.5 +4.0, 12 08 59.5 +4.0, MRLC, Muro Lucano, 146.82 329 ePKP, 12 08 59.3 +3.6, 12 08 59.3 +3.6, NRCA, Norcia, 146.83 326 ePKP, 12 08 59.5 +3.9, 12 08 59.5 +3.9, VMG, Vicchio, 146.83 329 ePKP, 12 08 59.2 +4.5, 12 08 59.2 +4.5, MURB, Monte Urbino, 146.84 327 ePKP, 12 08 59.4 +3.8, 12 08 59.4 +3.8, CPE, Caprese Michelangelo, 146.88 328 ePKP, 12 08 59.3 +3.6, 12 08 59.3 +3.6, MCGN, Macugnaga, 146.89 335 ePKP, 12 08 59.6 +4.2, 12 08 59.6 +4.2, CARO, Carovini, 146.91 329 ePKP, 12 08 59.2 +4.1, 12 08 59.2 +4.1, ASS, Assisi, 146.91 327 ePKP, 12 08 59.2 +4.3, 12 08 59.2 +4.3, INTR, Introdocca, 146.95 324 ePKP, 12 08 59.7 +1.8, 12 08 59.7 +1.8, TIP, Timpagrande, 146.96 318 PKP, 12 08 59.8 +3.7, 12 08 59.8 +3.7, SAL, Sala Consilina, 146.96 320 ePKP, 12 08 59.3 +3.2, 12 08 59.3 +3.2, AOU, L'Aquila, 147.00 325 PKP, 12 09 01.1 +5.1, 12 09 01.1 +5.1, GSCL, Guscola, 147.01 330 ePKP, 12 09 00.5 +4.6, 12 09 00.5 +4.6, ERBM, Eremo, 147.04 331 ePKP, 12 09 01.0 +5.1, 12 09 01.0 +5.1, CSSN, Cassano Irpino, 147.04 322 ePKP, 12 08 59.4 +3.3, 12 08 59.4 +3.3, SGO, Sigignano, 147.06 321 ePKP, 12 08 59.8 +3.7, 12 08 59.8 +3.7, LA, Foliniere, 147.07 347 PKP, 12 08 59.5 +3.7, 12 08 59.5 +3.7, CABF, La Chapelle, 147.08 338 PKP, 12 09 00.5 +4.6, 12 09 00.5 +4.6, GRAM, La Grua, 147.14 331 P, 12 08 59.3 +3.2, 12 08 59.3 +3.2, LDF, La Druittiere, 147.15 346 PKP, 12 08 59.7 +3.7, 12 08 59.7 +3.7

Table with columns: ORO, Oropa, 147.16 335 ePKP, 12 08 59.7 +3.6, 12 08 59.7 +3.6, MGR, Morigerati, 147.16 320 ePKP, 12 08 59.4 +3.1, 12 08 59.4 +3.1, VALM, Valmadrera, 147.17 331 P, 12 08 59.5 +3.4, 12 08 59.5 +3.4, BOB, Bobbio (Coli), 147.21 332 ePKP, 12 08 08.8 +4.6, 12 08 08.8 +4.6, BDI, Bagni Di Lucca, 147.22 330 ePKP, 12 08 59.4 +3.2, 12 08 59.4 +3.2, PTOR, Pietrasanta, 147.22 332 ePKP, 12 08 00.4 +4.2, 12 08 00.4 +4.2, LOR, Lormes, 147.27 341 PKP, 12 08 00.4 +4.2, 12 08 00.4 +4.2, BACM, Bacchiglione, 147.30 331 P, 12 08 59.8 +3.5, 12 08 59.8 +3.5, CODM, Codomo, 147.32 331 P, 12 08 59.6 +3.2, 12 08 59.6 +3.2, TRAV, Travere, 147.35 335 P, 12 09 00.2 +3.3, 12 09 00.2 +3.3, MNS, Montasola, 147.37 326 ePKP, 12 09 00.3 +3.8, 12 09 00.3 +3.8, VINC, Vinca, 147.37 331 P, 12 08 59.6 +3.2, 12 08 59.6 +3.2, GRI, Girifalco, 147.38 317 ePKP, 12 09 01.6 +4.9, 12 09 01.6 +4.9, MAIM, Monte Massico, 147.38 330 P, 12 08 59.5 +3.0, 12 08 59.5 +3.0, CER, Cerreto Sannese, 147.45 323 ePKP, 12 09 00.4 +3.7, 12 09 00.4 +3.7, GRR, Gorron, 147.50 347 PKP, 12 09 00.9 +4.4, 12 09 00.9 +4.4, SSF, Saint Sautage, 147.56 341 PKP, 12 09 01.3 +4.6, 12 09 01.3 +4.6, LSD, Ceresole Reale, 147.63 335 P, 12 09 02.1 +5.3, 12 09 02.1 +5.3, HYF, Hymbilgny, 147.64 342 ePKP, 12 09 01.9 +5.1, 12 09 01.9 +5.1, GRFL, Gerfalco, 147.71 329 ePKP, 12 09 01.3 +4.3, 12 09 01.3 +4.3, LPL, La Plagne, 147.75 336 PKP, 12 09 02.3 +5.3, 12 09 02.3 +5.3, LPG, La Plagne, 147.76 336 PKP, 12 09 02.5 +5.5, 12 09 02.5 +5.5, PMP, Pian Castagno, 147.79 333 P, 12 09 00.9 +3.8, 12 09 00.9 +3.8, SCF, Signal de Mont, 147.83 340 PKP, 12 09 01.8 +4.7, 12 09 01.8 +4.7, RSP, Reno Superiore, 147.84 335 P, 12 09 01.5 +4.3, 12 09 01.5 +4.3, AVF, Avril sur Liorz, 147.85 341 PKP, 12 09 01.7 +4.6, 12 09 01.7 +4.6, SGMF, Saint Gilles, 147.98 349 PKP, 12 09 02.0 +4.7, 12 09 02.0 +4.7, FENE, Fenestrelle, 148.02 335 P, 12 09 01.9 +4.4, 12 09 01.9 +4.4, ROSF, Rothenen, 148.03 350 PKP, 12 09 02.0 +4.7, 12 09 02.0 +4.7, SOI, Samo, 148.03 317 ePKP, 12 09 02.9 +5.2, 12 09 02.9 +5.2, BHB, Bricherasio, 148.09 340 PKP, 12 09 03.4 +6.1, 12 09 03.4 +6.1, BNI, Bardonecchia, 148.16 335 ePKP, 12 09 02.3 +4.5, 12 09 02.3 +4.5, FIN, Finale Ligure, 148.20 333 P, 12 09 02.3 +4.5, 12 09 02.3 +4.5, BGF, Bois d'Agland, 148.22 341 PKP, 12 09 02.9 +5.2, 12 09 02.9 +5.2, RRL, Cesana Torinese, 148.22 335 P, 12 09 03.2 +5.4, 12 09 03.2 +5.4, GDM, Grand Maison, 148.25 336 PKP, 12 09 03.8 +6.0, 12 09 03.8 +6.0, ROB, Roburent, 148.28 333 P, 12 09 01.7 +3.9, 12 09 01.7 +3.9, RORO, 148.34 333 P, 12 09 02.2 +4.2, 12 09 02.2 +4.2, GRN, Grenoble, 148.36 337 PKP, 12 09 04.3 +6.3, 12 09 04.3 +6.3, MBDF, Montbardon, 148.39 353 PKP, 12 09 03.3 +5.3, 12 09 03.3 +5.3, QUIF, Quistinic, 148.41 349 PKP, 12 09 02.9 +4.9, 12 09 02.9 +4.9, PZZ, Prazzo, 148.44 334 P, 12 09 02.4 +4.3, 12 09 02.4 +4.3, PLDF, La Plantade, 148.49 340 PKP, 12 09 02.9 +5.2, 12 09 02.9 +5.2, MON, Monesi, 148.50 333 P, 12 09 02.7 +4.5, 12 09 02.7 +4.5, ENR, Entraque, 148.53 334 P, 12 09 02.3 +4.0, 12 09 02.3 +4.0, STV, Sta Anna Valdi, 148.55 334 P, 12 09 02.5 +4.2, 12 09 02.5 +4.2, SURF, Saint Urs, 148.57 335 PKP, 12 09 04.9 +6.6, 12 09 04.9 +6.6, IMI, Imperia, 148.58 333 P, 12 09 03.5 +5.1, 12 09 03.5 +5.1, AGO, Saint Agulin, 148.58 333 PKP, 12 09 04.3 +6.0, 12 09 04.3 +6.0, ORIF, Oris-en-Rattie, 148.59 336 PKP, 12 09 04.1 +5.8, 12 09 04.1 +5.8, TCF, Toulx Ste Croix, 148.66 342 PKP, 12 09 04.0 +5.6, 12 09 04.0 +5.6, NEGI, Nègus, 148.71 333 P, 12 09 02.8 +4.2, 12 09 02.8 +4.2, AUN, L'Aution, 148.73 333 PKP, 12 09 03.7 +5.1, 12 09 03.7 +5.1, SBF, Sospel, 148.81 333 PKP, 12 09 04.2 +5.5, 12 09 04.2 +5.5, AURF, Auriere, 148.84 333 PKP, 12 09 04.6 +5.8, 12 09 04.6 +5.8, MYM, Petit Miel, 148.89 340 PKP, 12 09 05.6 +7.7, 12 09 05.6 +7.7, MVIF, Mont Vial, 148.91 334 PKP, 12 09 03.9 +5.0, 12 09 03.9 +5.0, REV, Revere, 148.94 333 PKP, 12 09 05.0 +6.1, 12 09 05.0 +6.1, MFF, Saint Martin d, 148.92 345 PKP, 12 09 04.8 +5.8, 12 09 04.8 +5.8, VVV, Versaille, 149.06 341 PKP, 12 09 04.6 +5.5, 12 09 04.6 +5.5, VIF, Saint-Julien-L, 149.09 337 PKP, 12 09 05.3 +6.1, 12 09 05.3 +6.1, PGF, Pioggiola, 149.12 330 PKP, 12 09 05.3 +6.0, 12 09 05.3 +6.0, CALN, Calen, 149.13 334 PKP, 12 09 05.7 +6.4, 12 09 05.7 +6.4, LBL, Lubilhac, 149.27 340 PKP, 12 09 06.8 +7.4, 12 09 06.8 +7.4, FRF, La Foret Royal, 149.39 334 PKP, 12 09 05.7 +6.0, 12 09 05.7 +6.0, USI, Saint-Urs, 149.49 330 PKP, 12 09 05.8 +5.8, 12 09 05.8 +5.8, SMRF, Simiane la Rot, 149.49 335 PKP, 12 09 06.7 +6.9, 12 09 06.7 +6.9, LMR, La Moure, 149.64 334 PKP, 12 09 06.4 +6.3, 12 09 06.4 +6.3, RJF, Les Rejaudoux, 149.75 342 PKP, 12 09 06.9 +6.7, 12 09 06.9 +6.7, CAF, Calviac, 149.92 341 PKP, 12 09 07.4 +6.9, 12 09 07.4 +6.9, LASF, Ste Croix, 150.06 338 PKP, 12 09 07.8 +7.1, 12 09 07.8 +7.1, LFF, La Frestale, 150.31 342 PKP, 12 09 08.2 +7.2, 12 09 08.2 +7.2, MTLF, Montlieux, 151.28 339 PKP, 12 09 10.4 +7.9, 12 09 10.4 +7.9, LPE, Le Peyrat, 151.74 339 PKP, 12 09 11.0 +7.8, 12 09 11.0 +7.8, MSL, Moulis, 152.00 340 PKP, 12 09 11.5 +7.9, 12 09 11.5 +7.9, EPF, Esparrons, 152.17 341 ePKP, 12 09 12.7 +8.8, 12 09 12.7 +8.8, SJTF, Ste Jean, 152.54 344 PKP, 12 09 13.5 +9.1, 12 09 13.5 +9.1, ETSau, Etsau, 152.56 343 PKP, 12 09 13.8 +9.4, 12 09 13.8 +9.4, PBRG, Braganca, 154.94 352 ePKP, 12 09 34.8 -0.7, 12 09 34.8 -0.7, PVRL, Vila Real, 155.58 353 ePKP, 12 09 37.8 -0.5, 12 09 37.8 -0.5, VIL, Vila Real, 156.15 353 ePKP, 12 09 37.8 -0.5, 12 09 37.8 -0.5, MTE, Mantegaes, 156.42 353 ePKP, 12 09 41.8 -0.1, 12 09 41.8 -0.1, ESDC, Sonseca Array, 156.47 345 PKP, 12 09 41.6 -0.6, 12 09 41.6 -0.6, PCBH, Castelo Branco, 156.97 352 ePKP, 12 09 43.5 -0.8, 12 09 43.5 -0.8, EVR, Evora, 158.32 353 ePKP, 12 09 51.9 -0.3, 12 09 51.9 -0.3, PBEJ, Beja, 158.80 352 ePKP, 12 09 51.9 -0.3, 12 09 51.9 -0.3, IDC 31 11:50:33.8, 1.7, 60, 14N:25.46E, mb1 3.0/3, mb1mx3.9/10, ML2.9/2, Error ellipse: s-maj=18.4km s-min=7.3km az=142.0, HEL 31 11:50:34.6, 0.1, 60, 16N:25.24E, ML2.0, ML2.2(UPP), ML2.4(NAO), Explosion, NAO 31 11:50:34.0, 4.3, 60, 21N:25.21E, ML2.4, BER 31 11:50:34.2, 3.1, 60, 13N:25.40E, ML2.4(NAO), Suspected explosion, IDC 31 11:50:33.1-0.7, 60, 17N:0.05, 25.24E, 0.08, n20, t124/33, Finland, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC, P, S, FITZ, Fitzroy Crossi, 14.38 19Z, Op, ISC, 13 03 51.4 -1.9, 13 03 51.4 -1.9, WRA, Warramunga Arr, 15.91 16Z, P, 13 04 13.5 +0.1, 13 04 13.5 +0.1, ASAR, Alice Springs, 19.45 17Z, P, 13 04 53.7 -3.5, 13 04 53.7 -3.5, SONM, Songo Array, 56.13 34Z, P, 13 10 07.6 -2.2, 13 10 07.6 -2.2, IDC 31 13:11:24.8, 3.8, 58, 51S:143.07W, mb3.9/2, mb1 4.1/2, mb1mx3.9/11, MS3.8/7, Ms1 3.8/7, ms1mx3.6/19, Error ellipse: s-maj=343.0km s-min=55.8km az=160.0, NEIC 31 13:11:29.1, 3.5, 24S:144.27W, h10km, mb4.3/2, Error ellipse: s-maj=44.0km s-min=22.4km az=55.0, IDC 31 13:11:25.9, 2.5, 56, 05S:0.4, 144.0W, 0.6, h10km, n17, t0580/8, mb4.0/4, MS3.8/7, 4C, Pacific-Antarctic Ridge, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC, P, S, SBA, Scott Base, 27.58 20Z, Op, ISC, 13 17 14.6 +0.1, 13 17 14.6 +0.1, RPZ, Rata Peaks, 30.90 274 LR, LR, 13 27 06.7, 13 27 06.7, URZ, Warramunga Arr, 31.30 288 LR, LR, 13 27 41.0, 13 27 41.0, QSPA, South Pole Qui, 34.14 18Z, eP, P, 13 18 12.5 0.0, 13 18 12.5 0.0, VNA3, Neumayer-Watz, 49.01 162Z, P, 13 20 14.3 +0.4, 13 20 14.3 +0.4, VNA2, Neumayer-Watz, 49.66 163Z, P, 13 20 19.5 +0.5, 13 20 19.5 +0.5, VNA1, Neumayer-Stat, 49.76 162Z, LR, LR, 13 20 20.3 +0.6, 13 20 20.3 +0.6, MAW, Mawson, 55.08 192 LR, LR, 13 40 57.8, 13 40 57.8, STKA, Stephens Creek, 55.71 283 LR, LR, 13 38 31.6, 13 38 31.6, ASAR, Alice Springs, 66.34 263 P, P, 13 22 16.7 0.0, 13 22 16.7 0.0, WRA, Warramunga Arr, 69.06 255 P, P, 13 22 33.9 0.0, 13 22 33.9 0.0, FITZ, Fitzroy Crossi, 75.38 259 LR, LR, 13 51 52.2, 13 51 52.2, TXAR, Lajitas Array, 91.70 374 LR, LR, 14 00 10.0, 14 00 10.0, NVAR, Mina Array Base, 96.59 20 LR, LR, 13 58 22.0, 13 58 22.0, ILVAR, Eielson Array, 120.48 359 PKP, 13 30 21.3 +1.7, 13 30 21.3 +1.7

31d 16h

0.9nm,1.0s,baz=213,slow=1.2,SNR=6.3
MKAR Makanchi Array 150.19 27.2 PKPbc PKPdf 13 31 17.1 +3.2

IDC 31 13:19:16.8;1.2.22.62S:179.26E,h560km,10km,
mb4.0/13,mb1.4/2.14,mb1mx4.1/16, Error ellipse:
s-maj=16.3km s-min=9.7km az=166.0.
HRVD 31 13:19:17.6;1.4.22.25S:179.31E,h590km,9km,
MW5.2/17,Centroid moment Tensor Solution. LP body
waves: s17,c21; Half duration: 0 Moment tensor: Scale
10^16Nm; M1:2.6;78; M2:4.1;102; M3:5.3;62;
M4:3.9;2;92; M5:1.5;4;103; M6:1.6;6;100; Best double
couple: Mo:6.52x10^16 Np:0.227; 857; 1.161. NP2:
0.328; 674; 1.34. Principal axes: T:7.24, P:13.57,
Azm192; N:-1.44, P:163.5, Azm350; P:-5.8, P:161.9,
Azm95; nsta1 refers to body waves, cutoff=40s.
NEIC 31 13:19:17.6;1.8.22.48S:179.25E,h571km,19km,
mb5.1/14 Error ellipse: s-maj=16.0km s-min=13.0km
az=66.0

ISC 31 13:19:17.0;4.0.22.74S:0.05:179.19E,0.07,
h577km,10km,n90,c125/80,mb4.8/21,17C-4D,South of
Fiji Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like DZM, NOUC, KUZ, URZ, BRTR, etc.

2004 AUG

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like PDAR, SONM, YKA, MKAR, etc.

IDC 31 14:22:07.2;3.6.4.69S:104.70E,mb3.5/4,mb1.3/6.4,
mb1mx3.4/14, Error ellipse: s-maj=206.0km
s-min=27.8km az=53.0, Southern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like WRA, ASAR, STKA, MKAR, etc.

IDC 31 14:32:56.8;0.8.21.12N:120.39E,mb3.8/10,mb1.4/11.0,
mb1mx3.9/19,M53.2/2,M1 3.3/2,sm1mx2.8/31, Error
ellipse: s-maj=37.3km s-min=16.3km az=66.0

TAP 31 14:32:59.2;2.21.21N:120.00E,h48km,2km,ML4.0
NEIC 31 14:33:04.5;1.2.21.04N:120.29E,h58km,12km,mb4.2/4,
Error ellipse: s-maj=12.2km s-min=5.7km az=70.0

ISC 31 14:33:02.1;1.2.21.06N:0.06:120.3E,0.1,h53km,12km,
n24,0;89N/24,mb3.9/11,M53.0/1,Taiwan region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like BBP, PIP, ABRA, etc.

IDC 31 14:53:42.7;4.6.54N:75.80W,h139km,56km,mb1.3/6/1,
mb1mx3.1/18, Error ellipse: s-maj=112.0km
s-min=30.5km az=81.0, Northern Colombia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like ROSC, ULM, ASAR, etc.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like ERI, ERIP, ERIP, etc.

NEIC 31 15:35:53.0;37.00S:177.50E,h12km,ML3.8(WEL), After
WEL

WEL 31 15:35:51.9;0.3,36.94S:177.50E,h12km,ML3.8/16,1C,
Error ellipse: s-maj=2.6km s-min=2.1km az=0.0, Off
east coast of North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like WIZ, WIZ, WIZ, etc.

HEL 31 15:56:50.1;0.1,59.82N:22.28E,ML2.0,ML2.6(UPP),
ML2.3(NAO), Explosion

NAO 31 15:56:51.8;2.5,60.08N:22.11E,ML2.3
BER 31 15:56:51.2;3.9,59.88N:22.30E,ML2.3(NAO),
Suspected explosion

ISC 31 15:56:49.0;0.5,59.84N:0.04:22.27E,0.05,n24,c11/36,
Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Rows include stations like AAL, AAL, AAL, etc.

BJI 31 16:25:08.2;7.17N:126.98E,h16km,mb5.6,mb5.3,M5.5,
Ms2.4

THY	Trims Highway	82.28	271	eP	P	16 37 33.4 +1.9
BEST	Besiri	82.31	307	iP	P	16 37 33.2 +1.0
DIV	Divide	82.31	291	eP	P	16 37 33.4 +1.7
EYAK	comp-Z,859nm,1.8s,mb5.4					
HLS	Cordova Ski Ar	82.33	301	eP	P	16 37 33.7 +1.9
HaH	HaH	82.55	297	P	P	16 37 34.1 +0.5
NAMS	An Nimas	82.85	288	P	P	16 37 36.2 +1.0
SOC	Sochi	83.16	313	iP	P	16 37 33.9 -2.4
SOC						16 37 40.1
SOC						16 40 45.4
SOC						16 47 50.4 -1.4
SOC						16 49 03.1
SOC						16 53 16.6 -3.3
SOC						16 56 38.6 -6.8
SOC	comp-Z,61nm,0.8s,mb5.7					
SOC	comp-N,11nm,0.6s					
SOC	comp-E,27nm,1.3s					
FRSS	Farasan al Kab	83.16	286	P	P	16 37 38.5 +1.7
EZC	Balican	83.33	309	eP	P	16 37 30.5 -6.8
BLJS	Bljuran	83.35	289	P	P	16 37 38.6 +0.8
KELT	Kelkit	83.73	310	iP	P	16 37 40.9 +1.5
MOS	Moscow	83.76	325	iP	P	16 37 38.7 -0.4
MOS						16 37 47.7
MOS						16 43 16.6
MOS						16 47 53.3 -4.2
MOS	comp-Z,162nm,0.9s					
MOS	comp-N,106nm,0.6s					
MOS	comp-E,188nm,0.7s					
MOS	comp-Z,2um,2.8s					
MOS	comp-N,144nm,0.9s					
MOS	comp-Z,2um,16.1s					
MOS	comp-E,2um,17.6s					
ELZG	Elazig	84.06	308	iP	P	16 37 42.1 +1.0
LVZ	Lovozero	84.25	338	eP	P	16 37 42.1 +0.7
LVZ	comp-Z,191nm,1.3s,mb5.1,SNR=11					
LVZ	Lovozero	84.25	338	eP	P	16 37 38.8 -2.6
LVZ						16 47 53.8 -8.4
LVZ	comp-Z,50nm,1.2s,mb5.5					
LVZ	comp-N,7.0nm,1.3s					
LVZ	comp-E,9.0nm,1.0s					
LVZ	comp-Z,294nm,1.9s,mb6.1					
LVZ	comp-N,37nm,2.1s					
LVZ	comp-E,177nm,2.7s					
LVZ	comp-N,1um,8.2s					
LVZ	comp-Z,259nm,5.2s					
LVZ	comp-E,2um,8.3s					
OBN	Obrinsk	84.41	325	iP	P	16 37 41.7 -0.7
OBN						16 37 54.3 -0.5
OBN						16 40 55.3
OBN						16 48 01.5
OBN						16 48 09.1
OBN						16 47 09.2
OBN	comp-Z,151nm,1.2s,mb6.0					
OBN	comp-Z,400nm,1.5s,mb6.3					
OBN	comp-Z,2um,16.0s,MS5.6					
OBN	Obrinsk	84.41	325	iP	P	16 37 41.7 -0.8
OBN						16 37 53.9 -0.9
OBN						16 37 44.9 +1.6
OBN						16 37 44.4 +1.0
OBN						16 37 44.2 +0.9
OBN						16 37 56.0 +0.2
OBN						16 37 43.4 -0.8
OBN						16 41 04.7
OBN						16 48 04.5 -2.7
OBN						16 49 38.0 +3.0
OBN	comp-Z,386nm,9.8s					
APA	Apatity	84.76	337	iP	P	16 37 43.0 -0.9
APA						16 37 55.0 -1.2
APA						16 41 05.0
APA						16 48 06.0 -1.3
APA						16 49 00.0 -8.3
APA						16 53 48.0 +5.4
APA	comp-Z,39nm,1.0s,mb5.5					
APA	comp-Z,1um,9.0s					
APA	comp-N,3um,11.0s					
APA	comp-E,3um,11.0s					
KBRS	Khaybar	84.94	295	P	P	16 37 47.1 +1.3
GZT	Gaziantep	85.28	307	iP	P	16 37 47.6 +0.4
SVSK	Karacayir	85.47	310	eP	P	16 37 47.5 -0.6
GAZ	Gaziantep	85.58	307	eP	P	16 37 47.5 -1.2
KAHT	Ahr Dag	85.80	307	iP	P	16 37 50.4 +0.7
PPT	Papeete	85.85	108	eSS	SS	16 54 05.1 -4.9
PPT						17 04 59.5
YNBS	comp-Z,2um,23.5s,baz=296					
ASF	Yanbu' al Bahr	86.24	294	P	P	16 37 54.1 +1.9
ASF	Jabal al Asfar	86.35	302	P	P	16 37 53.4 +0.8
ASF	comp-Z,40nm,1.1s,mb5.6,baz=338,slow=0.9,SNR=33					
ASF						17 23 30.9
ASF	comp-Z,855nm,18.8s,MS5.2,baz=311,slow=4.0					
COBT	Iskenderun	86.41	306	iP	P	16 37 47.0 -5.7
DUSS	Damascus Unive	86.72	303	iP	P	16 37 55.5 +1.1
DUSS						16 37 56.1
DUSS						16 37 56.1
DUSS						16 37 51.7 -1.8
UMJS	Umm Lajj	86.75	295	P	P	16 37 56.2 +1.5
INK	Inuk	86.77	22	P	P	16 37 55.0 +1.2
INK	comp-Z,2.0nm,0.4s,mb4.7,baz=214,slow=4.2,SNR=11					
INK						16 55 48.2
INK	comp-Z,1.1nm,0.3s,baz=116,slow=7.2,SNR=5.5					
INK						16 37 55.0 +1.2
INK	comp-Z,2.0nm,0.4s					
INK	comp-Z,1.0nm,0.3s					
INK	Inuk	86.77	22	P	P	16 37 55.0 +1.2
INK						16 54 48.2
INK						16 54 14.4 0.0
INK						17 05 34.1
INK	comp-Z,2um,28.8s,baz=287					
BOYT	Boyabat	86.89	311	iP	P	16 37 55.3 +0.3
SIM	Simferopol'	87.03	315	eP	P	16 37 55.5 -0.1
SIM						16 48 19.9
SIM						16 48 31.9 +2.2
SIM						16 49 34.1 -3.0
SIM	comp-Z,180nm,9.3s					
SIM	Simferopol'	87.03	315	iP	P	16 37 56.1 +0.5
CTK	Corum	87.08	310	iP	P	16 37 55.6 -0.3
TBK	Takub	87.09	298	P	P	16 37 57.3 +1.0
MAW	Mawson	87.17	200	eS	S	16 48 30.1 -0.3
MAW	Mawson	87.17	200	eS	S	16 37 57.2 +1.5
MAW	comp-Z,3.0nm,0.7s,mb4.7,baz=78,slow=7.5,SNR=6.9					
MAW						17 12 54.8
MAW	comp-Z,479nm,20.2s,MS4.9,baz=285,slow=33					
MAW						16 37 57.2 +1.5
MAW	comp-Z,3.0nm,0.7s					
MAW	comp-Z,479nm,20.2s					
MAW	Mawson	87.17	200	eP	P	16 37 57.4 +1.7
MAW						16 48 30.1 -0.3

KSHT	Keshet	87.17	303	P	P	16 37 57.3 +0.7
PUL	Pulkovo	87.19	330	eS	S	16 37 47.4 -8.6
PUL						16 48 19.2 -12
PUL	comp-Z,26nm,0.3s,mb5.9					
PUL	comp-E,14nm,0.4s					
PUL	comp-Z,59nm,0.4s					
PUL	comp-N,117nm,0.5s					
HRI	Mount Hermon	87.20	303	P	P	16 37 57.4 +0.7
AVNO	Avonos	87.25	309	iP	P	16 37 56.2 -0.6
ARCES	ARCESS Array B	87.28	340	P	P	16 37 56.3 +0.1
ARCES	comp-Z,5.6nm,0.3s,mb5.6,baz=78,slow=5.0,SNR=59					
ARCES	ARCESS Array B	87.28	340	P	P	16 37 56.3 +0.1
ARCES	comp-Z,38nm,1.0s					
AREO	ARCESS Array S	87.28	340	eP	P	16 37 56.2 -0.1
MKRJ	Matkavir	87.49	301	P	P	16 37 58.7 +0.6
HMDT	Nahal Hmdat	87.50	302	P	P	16 37 58.8 +0.6
NIG	Nigde	87.52	308	eP	P	16 37 58.2 +0.1
MMLI	Mount Malkishu	87.52	302	P	P	16 37 59.4 +0.9
JMQS	Jabal Moqyreh	87.60	299	P	P	16 37 59.4 +0.7
HNTI	Hantla	87.69	303	P	P	16 37 59.5 +0.4
SBA	Scott Base	87.76	172	eP	P	16 38 00.5 +2.1
SBA	comp-Z,56nm,1.3s,mb5.6					
SBA						16 38 12.6 +0.7
OFRI	'Ofer	87.91	302	P	P	16 38 00.5 +0.4
SLTI	Salit	87.91	302	P	P	16 38 00.5 +0.5
KAIT	Kaman	88.05	309	iP	P	16 38 01.3 +0.6
BRTR	Keskin Array B	88.06	310	P	P	16 38 00.1 -0.6
BRTR	comp-Z,11nm,0.8s,mb5.1,baz=108,slow=4.5,SNR=48					
BRTR	Keskin Array B	88.06	310	P	P	16 38 00.1 -0.6
BRTR	comp-Z,24nm,1.0s					
PRNI	Paran	88.18	300	P	P	16 38 02.0 +0.5
AYUS	'Ayunah	88.22	298	P	P	16 38 02.4 +0.7
JMQS	Jabal al Moall	88.24	299	P	P	16 38 02.3 +0.6
MBH	Mount Berech	88.33	300	P	P	16 38 02.7 +0.5
BDAS	AI Bad'	88.34	298	P	P	16 38 03.3 +1.3
HAQS	Haql	88.41	299	P	P	16 38 03.1 +0.5
KAF	Kangasniemi	88.66	332	eP	P	16 38 01.2 -1.8
KAF	comp-Z,1.1nm,0.8s,mb5.2,baz=71,slow=4.4					
KAF	Kangasniemi	88.66	332	eP	P	16 38 01.2 -1.8
KAF	comp-Z,11nm,0.8s,mb5.2					
FINES	FINES Array B	88.91	332	P	P	16 38 03.7 -0.5
FINES	comp-Z,24nm,1.0s,mb5.6,baz=117,slow=8.5,SNR=35					
FINES	FINES Array B	88.91	332	P	P	16 38 03.7 -0.5
FINES	comp-Z,24nm,1.0s					
FINES	FINES Array B	88.91	332	P	P	16 38 03.7 -0.5
CSS	Prodromos	88.96	305	iP	P	16 38 04.2 -0.9
SGKT	Sivrigoyunuk	89.14	311	iP	P	16 38 04.6 -1.2
YSU	Vasula	89.26	329	iP	P	16 38 05.4 -0.5
AKASG	Malin Array Be	89.40	321	P	P	16 38 05.8 -1.0
AKASG	comp-Z,12nm,0.6s,mb5.6,baz=66,slow=4.1,SNR=52					
AKASG	Malin Array Be	89.40	321	P	P	16 38 05.8 -1.0
AKASG	comp-Z,752nm,18.6s,MS5.2,baz=70,slow=39					
AKASG	Malin Array Be	89.40	321	P	P	16 38 05.8 -1.0
AKASG	comp-Z,12nm,0.6s					
AKASG	comp-Z,752nm,18.6s					
KIZT	Kizilcal	89.54	309	iP	P	16 38 08.3 +0.6
HENT	Hendek	89.97	311	iP	P	16 38 09.9 -2.8
KMBO	Kilima Mbogo	89.98	269	eP	P	16 38 09.7 -0.7
KMBO	comp-Z,6.7nm,1.1s,mb5.0,baz=49,slow=5.2,SNR=15					
KMBO	Kilima Mbogo	89.98	269	eP	P	16 38 10.7 +0.3
KMBO	comp-Z,774nm,18.7s,MS5.2,baz=279,slow=36					
KMBO	Kilima Mbogo	89.98	269	eP	P	16 38 23.1 +0.1
KMBO	comp-Z,20nm,1.1s,mb5.3					
KMBO	Eskisehir	90.23	310	iP	P	16 38 27.4 -3.5
KIS	Kishinev	90.36	317	eP	P	16 38 10.0 -1.4
KIS						16 48 36.0
KIS						16 49 00.0 -0.4
KIS						16 50 12.0 -3.9
KIS	comp-Z,700nm,20.0s,MS5.1					
DLBC	Dease Lake	90.55	31	P	P	16 38 12.3 +0.3
DLBC	comp-Z,4.1nm,1.1s,mb4.7,baz=316,slow=6.0,SNR=6.4					
ISP	Isparta	90.77	308	eP	P	16 38 11.7 -1.8
ISP	Isparta	90.77	308	eP	P	16 38 11.8 -1.7
LJLD	Ljudag	91.42	311	iP	P	16 38 13.8 -2.6
HARR	Harsova	91.91	315	iP	P	16 38 19.9 +0.5
HARR	Harsova	91.91	315	iP	P	16 38 19.9 +0.5
VRI	Vrincioiaia	92.00	317	iP	P	16 38 20.0 +1.0
VRI	Vrincioiaia	92.00	317	iP	P	16 38 20.0 +1.0
SUW	Suwalki	92.26	325	eP	P	16 38 19.9 -0.1
SUW						16 38 32.0 -0.6
SUW						16 48 49.1 +1.0
SUW						16 49 20.5 +3.4
SUW						16 49 3

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MZLS Mizel, RAYN Rayn, ARSS Ar Rass, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RJF Les Rejoudoux, ARJF ARCESS Array B, ARCES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BRTR Keskin Array B, AKASO Malin Array B, GERES GERESS Array B, etc.

comp=E,333nm,0.3s						
RCDM	Rinconada Maip	1.52 351	eP	Pn	23 41 40.0	-0.8
RCDM			eS	Sb	23 42 01.1	+0.4
RCDM			AMP		23 42 03.0	
comp=E,441nm,0.2s						
CLCH	Cerro Calan	1.60 360	iP	Pn	23 41 42.0	0.0
CLCH			iS	Sb	23 42 04.3	+1.3
CLCH			AMP		23 42 06.3	
comp=E,306nm,0.4s						
FCH	Farellones	1.68 7	eP	Pn	23 41 43.3	+0.2
FCH			eS	Sn	23 42 06.5	+1.2
FCH			AMP		23 42 07.7	
comp=E,255nm,0.2s						
LCCH	Las Cruces	1.75 330	iP	Pn	23 41 43.7	-0.4
LCCH			iS	Sn	23 42 07.3	+0.3
PEL	Peldehue	1.85 356	AMP		23 42 18.4	
comp=N,284nm,0.4s						

NEIC 31 23:43:35.0:2.1,5.35S:146.99E,h136km,25km,mb4.2/3,
Error ellipse: s-maj=33.7km s-min=17.3km az=120.0

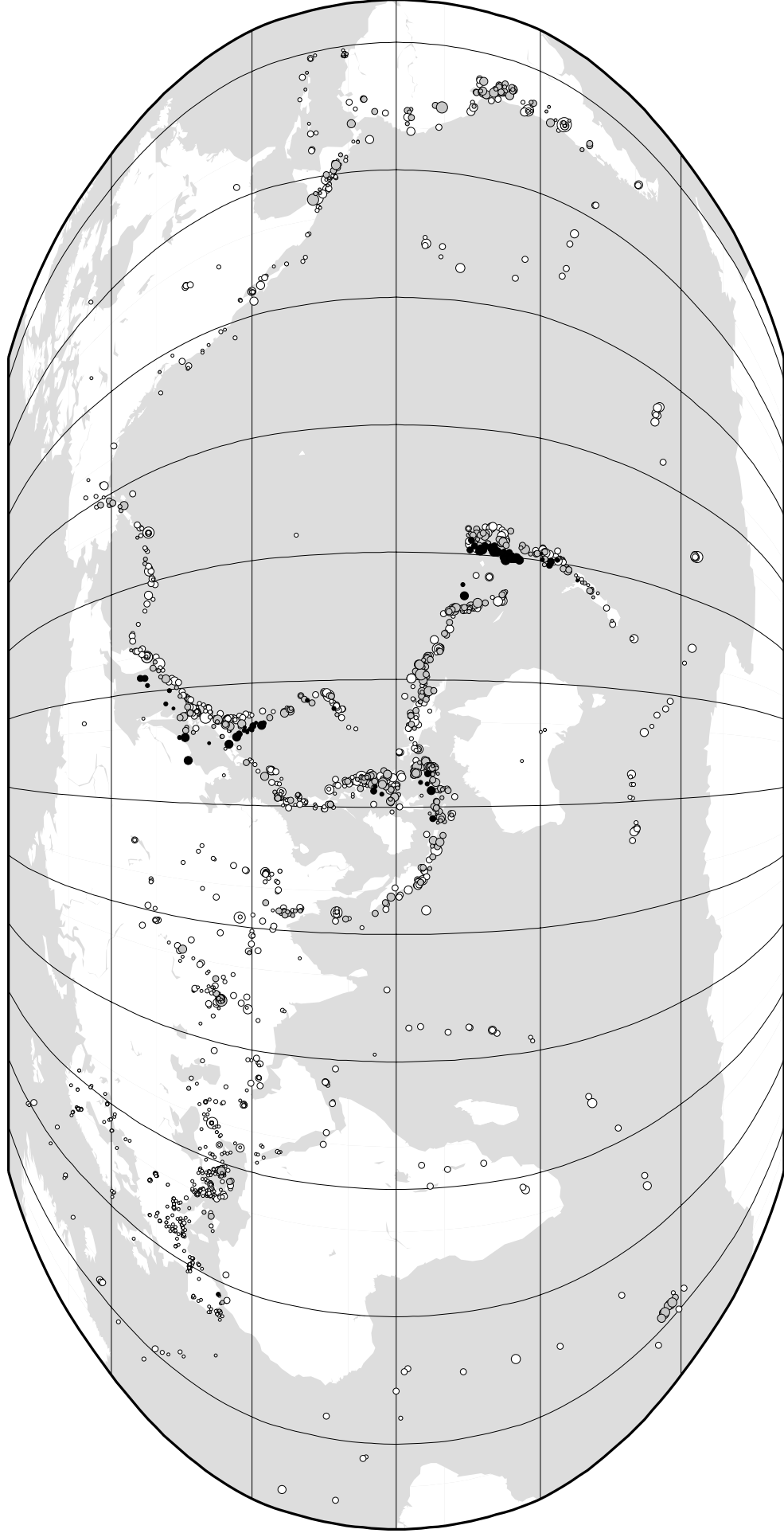
IDC 31 23:43:35.1:3.3,5.57S:147.64E,h170km,53km,mb3.5/4,
mb1 3.75,mb1mx3.5/13,Error ellipse: s-maj=98.4km
s-min=26.4km az=114.0

ISC 31 23:43:33.5:2.9,5.45S:0.2:147.1E:0.2,h144km,32km,n10,
c0588/11,mb3.7/4,Eastern New Guinea region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	Time	Res
							h m s	ISC
PMG	Port Moresby	3.97	179	P	P		23 44 35.4	+1.3
PMG				S	S		23 45 19.7	-1.0
KAKA	Kakadu	16.21	242	eP	P		23 47 14.1	-0.3
	5.9nm,0.6s							
WRAB	Tennant Creek	19.03	220	eP	P		23 47 46.1	-0.7
	7.6nm,0.5s							
WB2	Warramunga Arr	19.04	220	eP	P		23 47 46.4	-0.5
WRA	Warramunga Arr	19.05	220	P	P		23 47 46.6	-0.4
	1.1nm,0.3s,baz=45,slow=10,SNR=22							
ASAR	Alice Springs	22.16	214	P	P		23 48 19.6	+1.4
	1.5nm,0.5s,mb3.7,baz=49,slow=8.4,SNR=12							
FITZ	Fitzroy Crossi	24.46	237	eP	P		23 48 41.7	+1.1
	3.9nm,0.4s,mb4.3							
FITZ	Fitzroy Crossi	24.46	237	P	P		23 48 42.1	+1.5
	4.9nm,0.5s,mb4.3,baz=26,slow=7.0,SNR=22							
SONM	Songino Array	63.94	331	P	P		23 53 53.0	-0.3
	0.3nm,0.6s,mb3.4,baz=135,slow=6.1,SNR=3.9							
MKAR	Makanchi Array	77.10	320	P	P		23 55 11.9	-0.6
	0.3nm,0.4s,mb3.3,baz=95,slow=7.9,SNR=7.9							

TAP 31 23:56:56.9,23.74N,121.74E,h34km,ML3.6,Taiwan

ISC Computed Locations for August 2004



Robinson Projection, centred on 0°N, 130°E

