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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, n15/21, 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	P	P	P	18 51 22.3	+0.4
	13nm, 0.5s, mb4.8							
STKA	Stephens Creek	35.75	246	eP	P	P	18 51 55.3	+1.8
	3.1nm, 0.4s, mb4.2							
ASAR	Alice Springs	42.74	259	P	P	P	18 52 50.1	+0.3
	9.8nm, 0.5s, mb4.6, baz=92, slow=8.2, SNR=47							
ASAR				S	S	S	18 58 31.3	-0.1
	1.0nm, 0.8s, baz=95, slow=15, SNR=5.7							
ASPA	Alice Springs	42.74	259	eP	P	P	18 52 50.1	+0.2
WRA	Warramunga Arr	42.96	264	P	P	P	18 52 51.0	-0.7
	1.8nm, 0.3s, mb4.0, baz=96, slow=7.8, SNR=93							
WRA				S	S	S	18 58 33.0	-1.5
	0.3nm, 0.9s, baz=99, slow=14, SNR=3.0							
KAKA	Kakadu	46.64	273	eP	P	P	18 53 18.2	-1.8
	14nm, 0.4s, mb4.8							
FITZ	Fitzroy Crossi	51.39	264	eP	P	P	18 53 54.3	-0.7
	12nm, 0.3s, mb4.8							
MBWA	Marble Bar	56.08	259	eP	P	P	18 54 27.1	-0.7
	11nm, 0.6s, mb4.2							
CMAR	Chiang Mai Arr	89.35	290	P	P	P	18 57 38.1	+1.0
	1.3nm, 0.6s, mb0.8, baz=135, slow=3.1, SNR=8.1							
ARCES	ARCCESS Array B	130.36	349	PKP	PKP	PKP	19 03 43.7	-0.5
	0.7nm, 0.6s, baz=282, slow=4.2, SNR=3.5							
FINES	FINES Array B	137.02	342	PKP	PKP	PKP	19 03 57.3	+0.5
	3.7nm, 1.1s, baz=158, slow=3.2, SNR=3.4							
MLR	Muntele Rosu	148.85	324	PKPbc	PKP	PKP	19 04 22.7	+5.2
	0.2nm, 0.7s, baz=1.2, slow=23, SNR=2.3							

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Table with columns: KMI, Kuning, 29.36 262, P, P, 03 53 39.3+1.6. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like KAKA, FITZ, WRA.

Table with columns: URLA, Izmir, 0.13 3, P, Pg, 03 55 34.4 -0.4. Includes station codes like URLA, BLCB, SMG.

ATH 01 04:07:27.5, 38.11N-27.26E, h53km, MD3.2/3
NEIC 01 04:07:29.0, 38.11N-26.69E, h3km, MD3.3(SK), MD3.2(ATH), After ISK.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like URLA, BLCB, SMG.

ISK 01 04:15:31.7, 38.27N-26.58E, h13km, MD3.1
ATH 01 04:15:32.6, 38.12N-26.46E, h35km, 29km, MD2.9/3
CSEM 01 04:15:32.9, 0.2, 38.23N-26.69E, h14km, 1km, MD3.1

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like URLA, BLCB, SMG.

MAN 01 04:18:33.8, 17.98N-120.39E, h29km, mb4.8, ML3.7, MS3.7
MAN PASUQUIN ILOCOS NORTE - INTENSITY III SANTA ILOCOS SUR - INTENSITY II STO. DOMINGO ILOCOS SUR - INTENSITY III

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like PIP, ABRA, APY.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like LUBP, BOAC, SJMP.

Table with columns: BUSP, Coron, 5.95 183, eP, P, 04 20 01.8 +0.3. Includes station codes like NACB, YHNB, ENPP.

MAN 01 04:22:50.0, 13.48N-120.99E, h11km, mb4.3, ML3.1, MS2.8, Mindoro
LUBP Lubang 0.77 289 eP P 04 23 05.5 -0.1

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like LUBP, BOAC, SJMP.

MAN 01 04:55:26.4, 11.82N-126.15E, h3km, mb4.9, ML3.8, MS3.8
ICD 01 04:55:26.4, 1.2, 11.72N-126.06E, mb4.1/9, mb1 4.2/9, mb1mx4.0/18, mbtmp4.1/9, MS3.5/2, Ms1 3.6/2, ms1mx2.0/721, Error ellipse: s-maj=11.9km s-min=16.6km

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like BESP, PLP, CNA.

NEIC 01 04:55:28.1, 0.6, 11.82N-125.91E, h10km, mb4.6/1, Error ellipse: s-maj=23.6km s-min=8.2km az=62.0
ISC 01 04:55:29.1, 0.6, 11.82N-126.02E, h0.05, h33km, n31, c0594/37, mb4.2/14, MS3.5/2, ID, Philippine Islands region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like BESP, PLP, CNA.

MAN 01 04:55:31.2, 38.17N-26.63E, h5km, MD3.1
ATH 01 03:55:32.5, 38.17N-26.63E, h39km, 12km, MD3.0/3
CSEM 01 03:55:32.8, 0.1, 38.21N-26.70E, h10km, MD3.1, Error ellipse: s-maj=4.0km s-min=3.1km az=101.0

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like BESP, PLP, CNA.

ISC 01 03:55:32.1, 0.8, 38.23N-26.59E, h0.05, h33km, g6km, n15, c0573/23, 1C, Aegean Sea
Code Station Name Delta A Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes station codes like BESP, PLP, CNA.

KMI	Kunming	27.20 103	P	P	07 09 04.1 +2.1
KMI	comp=Z,10.0nm,0.5s,mb4.6				
SOC	Sochi	27.33 299	eP	P	07 09 03.3 +0.3
SOC	comp=Z,1.8nm,0.5s,mb4.0,baz=252,slow=8.7,SNR=16				
SOC	comp=Z,2.1nm,0.9s,mb4.7				
SOC	comp=Z,2.25nm,19.9s,MS3.8,baz=80,slow=39				
SOMI	Songino Array	27.94 52	P	P	07 09 09.7 +1.2
SONM	comp=Z,1.8nm,0.5s,mb4.0,baz=252,slow=8.7,SNR=16				
GYA	Guiyang	29.82 97	P	P	07 09 27.8 +2.2
GYA	comp=Z,2.0nm,0.8s,mb4.9				
GYA	comp=Z,1.20nm,3.2s				
GYA	comp=N,460nm,16.2s,MS4.3				
GYA	comp=E,450nm,15.9s,MS4.3				
GYA	comp=Z,430nm,16.7s,MS4.2				
HHC	Hu-ho-hao-te	30.73 67	eP	P	07 09 33.6 +0.1
HHC	comp=Z,10.0nm,1.2s,mb4.5				
HHC	comp=Z,180nm,6.0s				
HHC	comp=N,150nm,9.6s				
HHC	comp=E,150nm,10.8s				
HHC	comp=Z,120nm,10.8s,MS3.8				
ENH	Enshi	30.78 88	eP	P	07 09 34.9 +0.9
BRTR	Keakin Array B	31.76 291	P	P	07 09 42.8 +0.2
KLMR	Klimovskoe	33.95 331	eP	P	07 09 58.5 -2.9
AKASG	Malin Array B	35.51 310	P	P	07 10 12.0 -2.8
AKASG	comp=Z,0.9nm,0.4s,mb4.0,baz=82,slow=8.1,SNR=5.0				
BOD	Malin Array B	35.51 310	P	P	07 10 12.0 -2.9
BOD	comp=Z,0.9nm,0.4s,mb4.0,baz=82,slow=8.1,SNR=5.0				
MLR	Muntele Rosu	37.27 301	P	P	07 10 29.3 -0.5
JOF	Joensuu	38.35 330	eP	P	07 10 37.5 -1.1
IDI	Anoyia	39.31 285	P	P	07 10 47.5 +0.5
SNY	Shenyang	39.69 64	iP	P	07 10 51.3 +1.3
SNY	comp=Z,1.0nm,0.6s,mb4.7				
SNY	comp=Z,70nm,4.3s				
SNY	comp=N,340nm,18.7s				
SNY	comp=Z,290nm,17.1s,MS4.2				
FINES	FINES Array B	40.00 327	P	P	07 10 51.4 -1.0
FINES	comp=Z,2.8nm,0.5s,mb4.2,baz=118,slow=8.8,SNR=27				
FINES	comp=Z,43nm,21.7s,MS3.2,baz=278,slow=38				
FINES	FINES Array B	40.00 327	P	P	07 10 51.4 -1.0
FINES	comp=Z,2.8nm,0.5s,mb4.2,baz=118,slow=8.8,SNR=27				
FINES	FINES Array B	40.00 327	iP	P	07 10 51.7 -0.7
FINES	comp=Z,3.0nm,0.5s				
APA	Apatity	40.01 338	eP	P	07 10 53.2 +0.8
SE	Sheshan	40.12 81	P	P	07 10 53.8 +0.1
SSE	comp=Z,30nm,0.7s,mb5.1				
SSE	comp=Z,30nm,0.7s,mb5.1				
KAF	Kangasniemi	40.14 328	eP	P	07 10 52.6 -0.9
KAF	comp=Z,0.7nm,0.3s,mb3.9,baz=111,slow=8.2				
KAF	Kangasniemi	40.14 328	eP	P	07 10 52.6 -0.9
KAF	comp=Z,1.0nm,0.3s,mb4.0				
CN2	Changchun	40.05 61	eP	P	07 11 01.0 +1.5
CN2	comp=Z,1.0nm,0.3s,mb4.0				
CN2	comp=Z,1.0nm,0.3s,mb4.0				
PSZ	Piszkestet	41.41 305	P	P	07 11 05.0 +0.9
MORC	Morsky Berou	42.92 308	P	P	07 11 16.6 +0.3
KEV	Kevo	43.16 338	eP	P	07 11 15.4 -2.7
KEV	comp=Z,1.7nm,0.4s,mb4.1				
KEV	Kevo	43.16 338	eP	P	07 11 15.4 -2.7
KEV	comp=Z,1.7nm,0.4s,mb4.1				
ARCES	ARCES Array B	43.51 338	P	P	07 11 21.0 0.0
ARCES	comp=Z,1.3nm,0.4s,mb5.0,baz=118,slow=8.4,SNR=150				
ARCES	comp=Z,1.47nm,22.0s,MS3.8,baz=140,slow=38				
MDJ	Mudanjiang	43.73 59	P	P	07 11 22.5 -0.5
MDJ	comp=Z,1.47nm,22.0s,MS3.8,baz=140,slow=38				
MDJ	comp=Z,30nm,3.1s				
MDJ	comp=N,120nm,24.2s,MS3.8				
MDJ	comp=E,50nm,21.9s,MS3.8				
MDJ	comp=Z,1.60nm,21.9s,MS3.9				
KTKI	Kautokeino	44.01 337	eP	P	07 11 25.2 +0.2
YAK	Yakutsk	44.41 34	P	P	07 11 27.8 -0.5
YAK	Yakutsk	44.41 34	iP	P	07 11 28.5 +0.2
YAK	comp=Z,2.9nm,1.0s,mb5.0				
GERES	GERES Array B	45.48 307	P	P	07 11 35.9 -1.1
VLA	Vladivostok	45.59 61	eP	P	07 11 39.4 +1.4
VLA	comp=Z,43nm,1.1s,mb5.3				
HFS	Hagfors	45.62 323	P	P	07 11 36.9 -1.0
MORB	Moi Rana	46.29 331	eP	P	07 11 41.7 -1.5
MORB	comp=Z,33nm,1.7s,mb5.0				
MORB	Moi Rana	46.29 331	eP	P	07 11 41.7 -1.5
MORB	comp=Z,33nm,1.7s,mb5.0				
TIXI	Tiksi	46.79 21	eP	P	07 11 45.6 -1.5
TIXI	comp=Z,6.0nm,0.7s,mb4.6				
TIXI	comp=Z,127nm,14.0s,MS4.0				
NB2	NORSAR Subarra	46.92 324	P	P	07 11 46.7 -1.6
NB2	comp=Z,4.3nm,0.6s,mb4.3,baz=93,slow=7.4				
NB2	NORSAR Subarra	46.92 324	P	P	07 11 46.7 -1.6
NB2	comp=Z,4.1nm,0.6s,mb4.5,baz=96,slow=7.6,SNR=22				
NOA	NORSAR Subarra	47.09 324	P	P	07 11 46.7 -2.9
NOA	comp=Z,4.3nm,0.6s,mb4.6				
NAO	NORSAR Subarra	47.09 324	P	P	07 11 46.7 -2.9
NAO	comp=Z,4.0nm,0.6s,mb4.5				
JNU	Nakatsue	47.29 75	P	P	07 11 53.5 +2.0
JNU	comp=Z,5.0nm,0.5s,mb4.7,baz=204,slow=14,SNR=4.5				
MAJO	Matsushiro	51.92 68	eP	P	07 12 26.7 -0.4
MAJO	comp=Z,2.1nm,0.6s,mb5.0				
MAJO	Matsushiro	51.92 68	eP	P	07 12 26.7 -0.4
MAJO	comp=Z,2.1nm,0.6s,mb5.0				
MAT	Matsushiro	51.92 68	eP	P	07 12 27.1 0.0
MAT	comp=Z,2.1nm,0.6s,mb5.0				
MAT	Matsushiro	51.92 68	eP	P	07 12 27.0 -0.1
MAT	comp=Z,2.2nm,0.8s,mb5.1				
MAT	Matsushiro	51.92 68	eP	P	07 12 27.0 -0.1

MAT	comp=Z,2.2nm,0.8s,mb5.1				
MJAR	Matsushiro Arr	51.93 68	P	P	07 12 28.1 +1.0
MJAR	comp=Z,1.3nm,0.7s,mb5.0,baz=293,slow=9.8,SNR=26				
YSS	Yuzh-Sakhalins	52.39 54	P	P	07 12 30.8 +0.4
YSS	Yuzh-Sakhalins	52.39 54	eP	P	07 12 31.5 +1.1
YSS	comp=Z,30nm,1.0s,mb5.2				
EKA	Ekskdalemir Arr	54.86 317	P	P	07 12 47.3 -1.2
BILL	Billund	59.43 26	iP	P	07 13 21.4 +0.6
BILL	comp=Z,1.3nm,0.9s,mb5.0				
MDT	Midlett	63.16 293	P	P	07 13 45.0 -1.4
MDT	comp=Z,1.0nm,0.8s,mb4.0,baz=54,slow=12,SNR=2.6				
SUM	Summit	63.36 342	eP	P	07 13 46.3 -0.9
LSZ	Lusaka	65.58 229	eP	P	07 14 03.2 +0.9
KAKA	Kakadu	73.26 119	eP	P	07 15 07.7 +1.8
INK	Inuvik	75.39 10	eP	P	07 15 01.0 +0.2
INK	comp=Z,40nm,1.1s,mb5.3				
INK	Inuvik	75.39 10	eP	P	07 15 01.0 +0.2
INK	comp=Z,40nm,1.1s				
COLA	College	75.69 17	eP	P	07 15 02.5 -0.1
COLA	comp=Z,8.3nm,1.0s,mb4.6				
COLA	College	75.69 17	eP	P	07 15 02.5 -0.1
COLA	comp=Z,8.0nm,1.0s,mb4.6				
ILAR	Eielson Array	76.01 17	P	P	07 15 04.4 0.0
ILAR	comp=Z,1.7nm,0.4s,mb4.3,baz=304,slow=4.7,SNR=31				
DBIC	Dimbokro	76.46 269	P	P	07 15 07.5 -0.5
DBIC	comp=Z,6.4nm,0.9s,mb4.6,baz=22,slow=7.3,SNR=5.5				
DBIC	Dimbokro	76.46 269	eP	P	07 15 07.1 -0.9
DBIC	comp=Z,7.5nm,0.8s,mb4.7				
DBIC	Dimbokro	76.46 269	eP	P	07 15 07.1 -0.9
DBIC	comp=Z,8.0nm,0.8s				
BOSA	Boshof	77.58 222	P	P	07 15 14.3 +0.3
BOSA	comp=Z,7.8nm,0.7s,mb4.8,baz=62,slow=5.8,SNR=16				
BOSA	Boshof	77.58 222	eP	P	07 15 14.0 +0.1
BOSA	comp=Z,15nm,1.3s,mb4.8				
BOSA	Boshof	77.58 222	eP	P	07 15 14.0 +0.1
BOSA	comp=Z,15nm,1.3s,mb4.8				
DAWY	Dawson	78.25 14	eP	P	07 15 17.1 +0.3
WRA	Warramunga Arr	79.47 123	P	P	07 15 25.6 +1.2
WRA	comp=Z,1.3nm,0.4s,mb4.2,baz=324,slow=4.9,SNR=54				
WRAB	Tennant Creek	79.47 123	eP	P	07 15 25.1 +0.6
WB2	Warramunga Arr	79.48 123	eP	P	07 15 25.6 +1.1
KDAD	Kodiak Island	80.17 23	P	P	07 15 28.3 +0.9
KDAD	comp=Z,0.7nm,0.7s,mb4.7,baz=226,slow=9.2,SNR=6.1				
YKA	Yellowknife Arr	82.95 4	P	P	07 15 42.0 +0.2
YKA	comp=Z,3.7nm,0.4s,mb4.8,baz=347,slow=5.4,SNR=36				
YKA	Yellowknife Arr	82.95 4	iP	P	07 15 42.2 +0.4
YKA	comp=Z,4.0nm,0.4s				
SCHO	Schefferville	84.47 338	P	P	07 15 49.7 +0.1
SCHO	comp=Z,6.1nm,0.8s,mb4.8,baz=54,slow=8.5,SNR=4.9				
VNA2	Schefferville	84.47 338	P	P	07 15 49.7 +0.1
VNA2	comp=Z,6.1nm,0.8s,mb4.8,baz=54,slow=8.5,SNR=4.9				
VNA2	Neumayer-Watz	119.40 202	eP	PKPdf	07 22 06.1 -3.5
VNA2	comp=Z,1.0nm,0.7s,mb4.7,baz=226,slow=9.2,SNR=6.1				
VNA3	Neumayer Olymp 120.21	202	eP	PKPdf	07 22 12.5 +1.3
VNA3	comp=Z,1.0nm,0.7s,mb4.7,baz=226,slow=9.2,SNR=6.1				
VNA3	Neumayer Olymp 120.21	202	eP	PKPdf	07 22 07.3 -3.9
VNA3	comp=Z,1.0nm,0.7s,mb4.7,baz=226,slow=9.2,SNR=6.1				
PLCA	Paso Flores	150.87 247	eP	PKPbc	07 23 10.9 +3.4
PLCA	comp=Z,2.8nm,1.0s,baz=180,slow=5.1,SNR=4.9				
PLCA	Paso Flores	150.87 247	eP	PKPab	07 23 18.1 +0.2
PLCA	comp=Z,2.3nm,1.1s,baz=357,slow=2.0,SNR=3.2				

CSEM 01 07:09:28.6:0.1, 36.36N-3.72W, h2km, ML2.77, Error ellipse: s-maj=2.3km s-min=1.7km az=134.0

SFS 01 07:09:29.0, 36.45N-3.78W, ML2.3

MDD 01 07:09:30.2:0.5, 36.46N-3.77W, mlBg2.4/1.1, Error ellipse: s-maj=3.8km s-min=2.7km az=149.0, PRXIMO

ISC 01 07:09:28.1:0.5, 36.45N-0.03:3.76W-0.04, h10km, 3km, n51, r1510/69, 1C-2D, Strait of Gibraltar

Code	Station Name	Δ°	AZ°	Phase ID	h	Time	Res
					ISC	ISC	ISC
EGUA	Guajares	0.42	22	iP	Pg	07 09 37.7 +1.1	
EGUA	31nm,0.2s,SNR=18						
ERON	Agnon	0.57	356	iP	Pg	07 09 40.6 +0.9	
ERON	71nm,0.2s,SNR=18						
ERON	108nm,0.3s,SNR=23						
ELOJ	Sietra Leja	0.77	336	Pg	Pg	07 09 44.0 +0.5	
ELOJ	3.2nm,0.2s,SNR=16						
EQUE	Qentar	0.80	19	iP	Pg	07 09 44.4 +0.2	
EQUE	26nm,0.2s,SNR=21						
EQUE	19nm,0.2s,SNR=4.0						
EMIJ	Mijas	0.82					

NIED 01 07:23:00, 30.00N, 130.40E, h33km, Mw4.5 Best double couple: M5.39x10¹⁵ NP1_φ83°, 879°, 1.114°. NP2_φ196°, 826°, 1.25°
MOS 01 07:23:35.7-1.1, 29.99N-130.33E, h37km, mb4.5/1.4, Error ellipse: s-maj=13.9km s-min=9.4km az=103.1
JMA 01 07:23:38.6, 29.99N-130.43E, h51km, 1km, M4.5 JMA Felt J1
BJI 01 07:23:40.4, 29.94N-130.55E, h83km, mb4.5, mb4.2
IDC 01 07:23:40.2, 1.2, 29.98N-130.20E, h67km, 11km, mb4.0/1.5, mb1 4.2/1.8, mb1mx4.1/2.4, mbtmp4.3/1.8, MS3.5/8, Ms1 3.5/8, ms1mx3.4/2.6, Error ellipse: s-maj=16.1km s-min=7.9km az=106.0
NEIC 01 07:23:40.2, 1.0, 29.99N-130.35E, h62km, 9km, mb4.5/1.6, MW4.4(NIED), Error ellipse: s-maj=9.6km s-min=7.6km az=128.0

ISC 01 07:23:37.9-0.5, 29.96N-130.04-130.42E-0.06, h56km, 4km, n75, s115/75, mb4.4/3.7, MS3.6/5, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JNN	Nakanoshima	0.49	257	Op P	07 23 50.0	+0.5
JNN				S	07 23 58.1	+0.1
JKC	Kuchinoerabu	0.54	339	P	07 23 50.0	0.0
JKC				S	07 23 58.6	-0.4
JTSR	Tanegashima 3	0.85	34	P	07 23 54.1	+0.2
JTSR	Tashiro 2	1.28	19	P	07 24 00.0	0.0
JTSR				S	07 24 15.8	-0.6
JSU	Suzuyama	1.55	1	P	07 24 03.7	0.0
JSU				S	07 24 22.0	-0.8
JNU	Nakatsu	3.18	7	P	07 24 27.8	+1.0
JNU				S	16m, 0.3s, baz=201, slow=13, SNR=110	
JOW				P	07 25 05.8	+2.1
JOW				P	10m, 0.3s, baz=226, slow=30, SNR=7.5	
JOW				P	13m, 0.3s, baz=78, slow=12, SNR=23	
JOW				P	07 25 14.3	-1.0
JHJ	Hachijo jima 2	8.59	66	LR	07 28 40.8	
MJAR	Matsushiro Arr	9.25	43	P	07 25 51.5	+0.2
MJAR				P	0.8m, 0.3s, baz=242, slow=13, SNR=6.1	
CBJ	Chichi jima	10.73	103	LR	07 29 45.6	
CBJ				P	comp=Z, 1.41nm, 21.1s, baz=265, slow=34	
CN2	Changchun	14.38	345	P	07 27 04.9	+5.1
CN2				AMB		
CN2				AMB		
ASAJ	Asahikawa	17.12	31	LR	07 34 11.9	
ASAJ				P	comp=Z, 1.54nm, 20.5s, baz=27, slow=37	
ENH	Enshi	18.12	276	P	07 27 50.1	+2.8
ENH				P	comp=Z, 1.2nm, 0.6s	
XAN	Xi'an	18.68	288	P	07 27 53.7	-0.3
XAN				AMB		
YSS	Yuzh-Sakhalins	19.49	26	P	07 28 02.0	-0.9
GUMO	Guam	21.06	138	LR	07 34 44.0	
CD2	Chengdu	23.00	279	P	07 28 40.6	+1.9
CD2				AMB		
SOM	Somgino Array	25.69	321	P	07 29 03.5	-0.8
SOM				P	comp=Z, 6.3nm, 0.8s, mb4.2, baz=136, slow=9.3, SNR=27	
SOM				LR	07 40 26.0	
ZAK	Zakamensk	28.83	323	P	07 29 32.4	-0.5
JIRN	Jiri	38.65	278	P	07 30 59.2	+1.5
GUN	Gumba	38.85	278	eP	07 31 00.7	+1.3
GUN				P	comp=Z, 5.8nm, 0.6s, mb4.5	
PKI	Pulchoki	39.34	278	eP	07 31 03.8	+0.3
PKI				P	comp=Z, 2.1nm, 0.6s, mb4.5	
KKN	Kakani	39.40	278	eP	07 31 05.7	+1.8
DMN	Daman	39.60	278	eP	07 31 07.0	+1.4
DMN				P	comp=Z, 1.7nm, 1.1s, mb4.7	
MKAR	Makanahi Array	40.63	308	P	07 31 12.9	-1.0
MKAR				P	comp=Z, 2.8nm, 0.6s, mb4.0, baz=191, slow=11, SNR=16	
MKAR				PCP		
MKAR				LR	07 31 14.4	-1.3
MKAR				P	comp=Z, 1.0nm, 0.6s, baz=70, slow=3.4, SNR=6.6	
MKAR				P	07 31 14.3	+0.4
MKAR				pmx		
TIXI	Tiksi	41.75	359	eP	07 31 19.8	-3.0
TIXI				pmx		
KURK	Kurchatov	43.56	314	eP	07 31 37.3	-0.5
KURK				pmx		
KURK				pmx		
BVAO	Borovoye Array	48.73	316	P	07 32 19.3	-0.4
KKAR	Karatay Array	48.94	303	eP	07 32 20.7	+0.3
KKAR				pmx		
BRVK	Borovoye	48.94	316	eP	07 32 19.3	-0.9
BRVK				P	comp=Z, 1.0nm, 0.5s, mb4.1	
BRVK				pmx		
WRAB	Tennant Creek	49.74	175	eP	07 32 26.2	-0.7
WRAB				P	comp=Z, 4.4nm, 0.7s, mb4.6	
WRAB				pmx		
WRA	Warrungarra Arr	49.75	175	P	07 32 25.9	-1.1
CTAO	Charters Tower	52.04	161	eP	07 32 44.6	+0.4
CTAO				P	comp=Z, 1.8nm, 0.6s, mb4.2	
CTAO				pmx		
CTAO				pmx		
AB31	Akbulak array	55.58	312	iP	07 33 09.1	-0.8
AB31				pmx		
KDAK	Kodiak Island	58.39	38	P	07 33 28.0	-1.7
MCK	McKinley	59.49	31	P	07 33 36.9	-0.4
MCK				P	comp=Z, 4.4nm, 0.9s, mb4.5	
MCK				pmx		
MCK				pmx		
PMR	Palmer	59.66	33	eP	07 33 38.1	-0.3
PMR				P	comp=Z, 1.6nm, 1.5s, mb4.8	
PMR				pmx		
COLA	College	59.83	29	P	07 33 40.1	+0.6
COLA				P	comp=Z, 1.7nm, 0.6s, mb4.2	
COLA				P	07 33 40.2	+0.6
COLA				pmx		
ILAR	Eielson Array	60.25	29	P	07 33 41.0	-1.5
STKA	Stevens Creek	62.40	169	P	07 33 56.9	-0.6
STKA				P	comp=Z, 2.7nm, 0.6s, mb4.6, baz=337, slow=5.3, SNR=15	
STKA				P	07 33 56.9	-0.5
INK	Inuvik	64.71	24	eP	07 34 11.2	-0.7
INK				P	comp=Z, 1.6nm, 0.6s, mb4.2	
INK				pmx		
ARCES	ARCCESS Array B	67.27	338	P	07 34 26.4	-1.8
ARCES				P	comp=Z, 3.8nm, 0.8s, mb4.5, baz=37, slow=9.0, SNR=2.9	
ARCES				LR	08 07 09.3	
FINES	FINESS Array B	70.59	330	P	07 34 46.5	-2.3
FINES				LR	comp=Z, 1.05nm, 19.3s, MS4.1, baz=45, slow=39	
FINES				LR	08 06 12.5	
FINES				P	comp=Z, 5.2nm, 18.8s, MS3.8, baz=350, slow=36	
FINES				P	07 34 46.5	-2.3
AKASO	Malin Array B	73.97	320	P	07 35 07.1	-1.8
AKASO				P	comp=Z, 0.5nm, 0.4s, mb3.8, baz=58, slow=6.2, SNR=4.2	
AKASO				P	07 35 07.1	-1.8
HFS	Hagfors	76.43	333	P	07 35 21.1	-1.7
HFS				P	comp=Z, 1.8nm, 0.6s, mb4.1, baz=135, slow=4.2, SNR=5.8	
NB2	NORSAR Subarra	76.83	334	P	07 35 23.0	-2.1
NOA	NORSAR Array B	76.83	334	P	07 35 22.4	-2.7
SUMG	Summit	77.46	357	eP	07 35 28.4	+0.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GERES	GERESS Array B	83.39	232	P	07 36 00.1	-0.2
GERES				PNR		
CMB	Columbia Colle	85.44	48	eP	07 36 11.8	+1.0
CMB				P	comp=Z, 1.1nm, 0.3s, mb3.3, baz=27, slow=6.0, SNR=5.6	
CMB	Columbia Colle	85.44	48	eP	07 36 11.8	+1.1
CMB				pmx		
HLID	Halley	85.82	41	eP	07 36 13.6	+1.1
HLID				P	comp=Z, 3.3nm, 0.9s, mb4.6	
NVAR	Minna Array Base	86.55	47	P	07 36 18.1	+1.9
NVAR				P	comp=Z, 1.5nm, 0.7s, mb4.3, baz=286, slow=6.7, SNR=18	
HWUT	Hardware Ranch	88.68	41	eP	07 36 26.9	+0.6
HWUT				P	comp=Z, 2.7nm, 1.3s, mb4.9	
TPNV	Topopah Spring	88.74	47	eP	07 36 28.2	+1.5
TPNV				P	comp=Z, 1.7nm, 0.7s, mb4.5	
TPNV				pmx		
TPNV				pmx		
BW06	Boulder Array	89.06	40	eP	07 36 29.1	+1.0
BW06				P	comp=Z, 1.7nm, 0.8s, mb4.4	
PDAR	Pinedale Array	89.06	40	P	07 36 29.6	+1.4
PDAR				P	comp=Z, 1.2nm, 0.8s, mb4.3, baz=19, slow=1.4, SNR=11	
LRM	Lac du Bonnet	90.23	28	P	07 36 34.5	+1.1
LRM				P	comp=Z, 2.7nm, 0.8s, mb5.1, baz=312, slow=7.2, SNR=15	
PV10	Paradox Valley	92.26	43	P	07 36 45.4	+2.2
TXAR	Lajitas Array	101.67	46	P	07 37 26.3	+0.3
TXAR				P	comp=Z, 1.6nm, 0.5s, baz=14, slow=7.1, SNR=5.0	
DBIC	Dimboko	123.73	303	PKP	07 42 30.4	+0.1
DBIC				PKPdf		

MEX 01 07:45:57.1-0.9, 16.02N-99.03W, h16km, 24km, MD4.1

Near coast of Guerrero

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PNIG	Pinotepa	0.94	67	iP	07 46 11.5	-3.1
PNIG				Sb	07 46 22.2	-4.3
ACX	Acapulco	1.20	315	iP	07 46 15.0	-4.0
ACX				Sb	07 46 22.0	-5.1
CAIG	Ei Cayaco	1.57	311	iP	07 46 22.2	-5.5
CAIG				Sb	07 46 38.1	-6.5
PLIG	Platanillo	2.04	349	iP	07 46 30.9	-5.6
PLIG				Sb	07 47 02.3	-3.5
VHO	Vista Hermosa	2.44	64	iP	07 46 34.0	-2.9
VHO				Sb	07 47 01.9	-4.7
OXX	Oaxaca	2.45	64	eP	07 46 34.0	-3.1
OXX				Sb	07 47 02.5	-4.4
YAIG	Yautepec	2.83	359	iP	07 46 38.8	-3.8
YAIG				Sb	07 47 11.2	-5.4
CMIG	Matias Romero	4.11	74	iP	07 46 56.8	-4.0
CMIG				Sb	07 47 43.1	-6.0

MEX 01 07:49:48.9-0.8, 16.04N-97.19W, h40km, 17km, MD4.2

Oaxaca

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PNIG	Pinotepa	0.97	291	iP	07 50 04.9	-1.3
PNIG				P	07 50 16.7	-2.2
HUIG	Huatuco	1.07	104	iP	07 50 07.5	-2.0
HUIG				Sb	07 50 19.2	-2.4
VHO	Vista Hermosa	1.12	23	iP	07 50 06.4	-1.8
VHO				Sb	07 50 20.2	-2.4
OXX	Oaxaca	1.13	23	iP	07 50 06.2	-2.0
OXX				Sb	07 50 20.5	-2.5
CMIG	Matias Romero	2.45	64	eP	07 50 24.9	-2.4
CMIG				Sb	07 50 53.3	-2.9
ACX	Acapulco	2.74	288	iP	07 50 29.0	-2.5
CAIG	Ei Cayaco	3.12	289	iP	07 50 35.8	-1.0
CAIG				Sb	07 50 47.9	-5.4
PLIG	Platanillo	3.22	317	iP	07 50 37.4	-0.9
PLIG				Sb	07 51 11.8	-4.1
TUIG	Tuzandepeti	3.31	53	iP	07 50 37.5	-2.1
TUIG				Sb	07 51 15.7	-2.4
YUIG	Yopocatepetl	3.31	336	iP	07 50 36.6	-3.1
YUIG	Yautepec	3.33	328	iP	07 50 36.5	-3.3
YUIG				Sb	07 51 16.1	-2.6
YUIG				Sb	07 50 42.9	-3.4
UNM	Unidad Na	3.78	330	iP	07 51 28.1	-2.0
UNM				Sb	07 51 52.5	-2.9
SCX	San Cristobal	4.43	80	eP	07 52 04.1	-3.1
MOIG	Morelia	5.25	314	iP	07 52 04.1	-3.1

IDC 01 08:04:03.4-2.3, 34.56S-178.91W, mb4.2/2.2, mb1 4.5/4, mb1mx4.2/1.2, mbtmp4.5/4, ML4.7/2, MS3.8/6, Mst1 3.8/6, ms1mx3.4/2.0, Error ellipse: s-maj=64.6km s-min=26.2km az=122.0

NEIC 01 08:04:04.8-

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Panksa Ves, Albuquerque, ANMO, PRU, SROZ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NNC 01, KSH, CHCP, etc.

1d 21h

Table with columns for city names (e.g., Nongplab, Adelaide, Nakhon Sawan), flight numbers, times, and status indicators (P, S, X, etc.).

2005 NOV

Table with columns for flight numbers, times, status indicators, and city names (e.g., DL2, AGT, SHL, Lanzhou, etc.).

18

Table with columns for flight numbers, times, status indicators, and city names (e.g., PKI, BLS, KKN, DMN, TRD, etc.).

Table with columns: KLP, comp=N,36nm,0.4s, AML, AML, 22 52 33.1, 22 52 34.1, 22 51 35.1, 22 51 50.8 -0.1, 22 53 09.9 -0.3, 22 51 53.5 +2.0, 22 53 09.8 -1.5, 22 53 15.0, 22 52 14.8 -0.9, 22 53 47.7 -6.8

THR 01 22:50:55.4,0.4,34.16N-52.06E,h18km,15km,ML2.6 CSEM 01 22:50:55.4,0.1,34.17N-52.07E,h18km,ML3.0, Error ellipse: s-maj=2.5km s-min=0.6km az=77.0 TEH 01 22:50:56.3,34.16N-52.06E,h7km,Mn3.0 ISC 01 22:50:56.9,0.6,34.16N-0.03,52.07E,0.07,h18km,n12, c0584/18,Northern and central Iran

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

IDC 01 22:56:58.0,2.1,5.70S,148.23E,mb3.7/1,mb1 4.5/2, mb1mx3.9/9,mbtmp4.1/2,ML4.6/1, Error ellipse: s-maj=78.9km s-min=28.0km az=126.0 NEIC 01 22:57:10.1,3.1,6.05S,148.30E,h106km,39km,mb4.0/1, Error ellipse: s-maj=76.8km s-min=19.3km az=132.0 ISC 01 22:57:09.2,3.8,6.25N,0.4,148.3E,0.4,h110km,44km,n10, c113/11,mb3.8/3,New Britain region

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

ATH 01 23:01:52.8,38.16N-26.62E,h36km,6km,MD3.3/3 ISK 01 23:01:53.3,38.21N-26.67E,h16km,MD2.9 CSEM 01 23:01:53.6,0.2,38.22N-26.71E,h17km,1km,MD2.9, Error ellipse: s-maj=3.9km s-min=2.4km az=102.0 ISC 01 23:01:51.7,1.0,38.18N-0.03,26.58E,0.05,h2km,7km,n13,c0575/22,Aegean Sea

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

ISK 01 23:13:36.3,38.12N-38.58E,h6km,MD3.5 CSEM 01 23:13:36.3,38.12N-38.58E,h6km,MD3.5,After ISK ISC 01 23:13:36.8,0.4,38.11N-0.03,38.60E,0.04,h6km,n18, c090/26,Turkey

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

IDC 01 23:27:27.8,4.2,35.01N-23.25E,mb3.9/2,mb1 3.7/4, mb1mx3.5/21,mbtmp3.7/4,ML3.3/2, Error ellipse: s-maj=75.3km s-min=18.0km az=9.0 ATH 01 23:27:33.0,35.51N-23.53E,h5km,1km,MD3.7/16,ML3.7 NEIC 01 23:27:33.0,35.51N-23.53E,h5km,ML3.7(A7H),After ATH

HLW 01 23:27:34.8,35.48N-23.51E,h15km,MB3.3 CSEM 01 23:27:35.4,0.1,35.38N-23.68E,h30km,ML3.7, Error ellipse: s-maj=4.1km s-min=1.8km az=71.0 ISC 01 23:27:31.7,0.5,35.35N-0.03,23.49E,0.05,h5km,n41, c147/48,mb3.5/2,1C-2D,Crete

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

IDC 01 23:49:58.4,3.3,2.26N-96.34E,mb3.6/4,mb1 3.7/4, mb1mx3.5/16,mbtmp3.6/4, Error ellipse: s-maj=129.3km s-min=27.3km az=56.0,Northern Sumatra

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

BER 01 23:51:06.7,4.7,59.37N-24.96E,h0km,125km,ML2.6 HEL 01 23:51:07.1,0.4,59.44N-24.39E,ML2.5,ML1.7(UPP), ML2.6(BE7),Explosion NAO 01 23:51:09.0,1.3,59.71N-24.19E,ML2.7

IDC 01 23:51:10.1,0.8,59.76N-24.54E,mb3.1/1,mb1 3.5/6, mb1mx3.2/21,mbtmp3.4/6,ML3.7/5, Error ellipse: s-maj=10.5km s-min=6.3km az=131.0 CSEM 01 23:51:12.3,0.1,59.97N-23.67E,h2km,ML2.5, Error ellipse: s-maj=2.7km s-min=2.0km az=54.0,Mining explosion

UPP 01 23:51:15.4,59.80N-23.29E,h0km,ML1.7,Mining explosion

ISC 01 23:51:09.8,0.4,59.99N-0.03,23.95E,0.05,n57,c134/39/2, mb3.2/2,Baltic States - Belarus - Northwestern Russia

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

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

Table with columns: NB2, NORSAR Subarra, 6.38 285, Pn, Pn, 23 52 45.8 -1.5, 23 54 01.4 +0.5, 23 54 34.2, 23 52 45.6 -1.7, 23 54 59.1 -2.7, 23 54 31.1, 23 52 55.6 +1.1, 23 53 15.3 +2.2, 23 54 22.4 +7.7, 23 52 58.0 -1.0, 23 54 22.2 -0.3, 23 55 06.4, 23 52 58.0 -1.0, 23 54 22.2 -0.3, 23 53 02.8 -0.6, 23 54 30.1 -0.3, 23 53 02.8 -0.6, 23 54 30.1 -0.3, 23 53 04.5 +0.7, 23 54 32.5 +1.5, 23 55 22.9, 23 53 04.5 +0.7, 23 54 32.6 +1.5, 23 53 02.8 -1.2, 23 54 34.1 +2.5, 23 53 11.2 +0.4, 23 54 44.8 +1.2, 23 55 39.0, 23 53 11.2 +0.4, 23 54 44.8 +1.2, 23 53 13.4 -0.5, 23 54 49.3 +0.2, 23 53 16.4 +2.0, 23 54 50.6 +0.5, 23 53 16.5 +2.1, 23 54 50.6 +0.5, 23 53 24.9 0.0, 23 55 04.8 -4.1, 23 56 05.3, 23 53 30.2 -1.9, 23 55 16.6 -5.5, 23 53 30.2 -2.0, 23 53 30.8 -1.4, 23 55 15.7 -6.4, 23 53 23.6 -1.1, 23 53 34.3 -2.1, 23 55 26.1, 23 53 34.3 -2.1, 23 55 26.1, 23 54 06.7 -7.7, 23 55 27.4 -0.7, 23 55 53.2 -8.1, 23 58 08.6 -5.2

RSPR 01 23:55:15.8,21.87N-61.56W,h7km,9km TRN 01 23:55:21.9,16.21N-61.10W,h31km,MD3.6,M3.3(FDF), MD3.3(FDF) NEIC 01 23:55:22.6,16.17N-61.24W,h27km,MD3.5(TRN),After TRN

ISC 01 23:55:21.7,0.8,16.26N-0.03,60.95W,0.06,h37km,14km,n29,c094/45,12C-5D,Leeward Islands

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

MEX 01 23:56:57.6,1.0,15.19N-95.95W,h6km,MD3.8,Near coast of Oaxaca

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

Table with 4 columns: CMIG, Matias Romero, 2.15, 28 eP, Pn, 23 57 30.8 -3.6, 23 57 57.6 -4.0

CSEM 02 00:30:42.2, 17.15S-177.61W, h33km, mb5.7
IDC 02 00:31:29.9, 1.2, 17.19S-178.47W, h447km, 12km,
mb4.1/12, mb1 4.3/14, mb1 mx4.2/17, mbtmp4.8/14, Error
ellipse: s-maj=16.9km s-min=10.6km az=143.0

BUI 02 00:31:30.8, 17.20S-178.50W, h459km, mb4.7, mb4.4
NEIC 02 00:31:30.9, 1.1, 17.20S-178.55W, h458km, 12km
mb4.6/17, Error ellipse: s-maj=12.8km s-min=8.1km
az=143.0

MOS 02 00:31:31.7, 1.5, 16.96S-178.72W, h463km, mb4.8/5,
Error ellipse: s-maj=32.5km s-min=15.9km az=82.9
IDC 02 00:31:28.0, 0.9, 17.16S-108.178.60W-0.07,
h444km, 10km, n182, a194/70, mb4.5/39, 17C-11D, Fjji

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h m s, ISC

Main table with columns: VNA3, Neumayer Olymp, 91.50 176, P, 00 43 46.4 -0.6, 00 43 52.7

Main table with columns: LPGA, La Plagne, 151.39 352, ePKP1, PKPdf, 00 50 32.4 +8.0, 00 50 32.5 +7.3

IDC 02 00:46:43.0, 7.0, 54.33S-5.25E, mb4.5/9, mb1 4.6/10,
mb1 mx4.3/15, mbtmp4.5/10, ML3.7/1, MS4.2/10, Ms1 4.2/10,
ms1 mx1.4/1.5, Error ellipse: s-maj=22.4km s-min=18.3km
az=139.0
HRVD 02 00:46:44.7, 0.4, 54.55S-5.58E, h12km, MWS.0/5.1,
Centroid moment Tensor Solution. LP body waves:
s15, c17, Mantle waves: s51, c77; Half duration: 0 Moment
tensor: Scale 10^16Nm; Mr-3.18; 1.4; Mw3.1; 1.4;
Ms0.06; 1.7; Me-0.42; 5.3; Mb0.104; 1.2; Mr-1.48; 6.0;
Best double couple: M3.635; 10.16 NP1.8; 86.849;
-1.21; NP2.0; 309.850; 8.59; Principal axes: T 3.432,
P10.0; Azm177; N 4.05; P123.3; Azm108; P-3.839, P167.7;
Azm288; n121 refers to body waves, cutoff=40s. nsta2
refers to surface waves, cutoff=50s.

NEIC 02 00:46:44.7, 0.3, 54.39S-5.24E, h10km, mb5.1/5, MS4.6/6
Error ellipse: s-maj=12, 1km s-min=7, 1km az=101.0,
IDC 02 00:46:43.0, 0.5, 54.37S-0.06E-2E, 0.2, 10km, n42,
ms1 mx1.6/2.0, mb4.6/15, MS4.4/1.5, SC, Bouvet Island, h42

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

IDC 02:01:15:6.6, 19.88S:179.16W, h613km, 80km, mb3.1/5, mb1 3.5/5, mb1mx3.2/12, mbtmp4.0/5, Error ellipse: s-maj=117.5km s-min=27.8km az=161.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like WRA Warramunga Arr, NVAR Mina Array Bea, TXAR Lajitas Array, etc.

NEIC 02:01:25:06.0, 0.0, 2.0, 93S:178.76W, h597km, 10km, mb4.5/15, Error ellipse: s-maj=10.1km s-min=6.8km az=121.0

IDC 02:01:25:06.9, 1.4, 2.0, 89S:178.77W, h605km, 16km, mb3.9/13, mb1 4.0/16, mb1mx3.9/21, mbtmp4.9/16, Error ellipse: s-maj=18.8km s-min=11.1km az=146.0

ISC 02:01:25:03.6, 0.8, 2.1, 85S:176.78W, h10.0E, h579km, 11km, h13, az:98/91, mb4.5/23, 13C-9D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like AFI Afiamalu, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like ILAR Eielson Array, PDAR Pinedale Array, DAWY Dawson, etc.

ISC 02:01:30:24.5, 38.16N:26.68E, h14km, MD3.4 NEIC 02:01:30:24.0, 38.11N:26.67E, h13km, MD3.4(ISK), MD3.3(ATH), After ISK

ATH 02:01:30:25.5, 38.11N:26.59E, h28km, 6km, MD3.3/3 CSEM 02:01:30:26.0, 0.1, 38.16N:26.82E, h20km, MD3.4, Error ellipse: s-maj=3.4km s-min=2.2km az=90.0

ISC 02:01:30:24.5, 0.8, 38.16N:0.03:26.67E, 0.04, h5km, 5km, n29, az:72/37, TC, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like URLA Izmir, URLA Balçova, URLA Samos, etc.

ISK 02:01:32:27.3, 38.13N:26.58E, h5km, MD3.2 ATH 02:01:32:27.0, 38.15N:26.44E, h23km, 3km, MD3.2/3 NEIC 02:01:32:27.0, 38.13N:26.61E, h3km, MD3.2(ISK), MD3.2(ATH), After ISK

CSEM 02:01:32:27.0, 0.1, 38.20N:26.59E, h10km, MD3.2, Error ellipse: s-maj=3.6km s-min=2.9km az=151.0

ISC 02:01:32:27.5, 0.8, 38.19N:0.03:26.54E, 0.05, h4km, 6km, n18, az:76/25, TC, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like URLA Izmir, BLCB Balçova, SMG Samos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like BALB Balikesir, LIA Limnos Island, DST Dursunbey.

MAN 02:01:36:20.1, 13.94N:123.60E, h74km, mb3.9, ML2.7, MS2.3, TC, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like PVCP Virac, GVP Guinayarrayn, GNP Cataman, etc.

NIED 02:01:37:00.39, 40N:141.20E, h8PKM, Mw4.2 Best double couple: M2.2x10^15 N P1:phi:170, delta:1, 1.96, NP2:phi:323, delta:1, 1.63

BUI 02:01:37:54.1, 39.24N:141.08E, h132km, mb4.6, mb4.7 IDC 02:01:37:55.0, 2.0, 39.38N:141.04E, h96km, 3km, mb3.9/20, mb1 4.0/23, mb1mx4.0/27, mbtmp4.2/23, MS2.6/1, Ms1 2.6/1, ms1mx2.1/21, Error ellipse: s-maj=14.3km s-min=11.5km az=153.0

MOS 02:01:37:55.6, 0.8, 39.54N:140.94E, h107km, mb4.5/8, Error ellipse: s-maj=12.0km s-min=8.9km az=103.9

JMA 02:01:37:55.5, 39.40N:141.18E, h94km, 1km, M4.1 Broadband fault plane solution: P waves, NP1:phi:273, delta:2, 1.30, NP2:phi:155, delta:2, 1.10, Principal axes: T P1:52, Azm88; N P1:9, Azm331; P P1:31, Azm229; JMA Felt II, JMA

NEIC 02:01:37:57.0, 0.8, 39.40N:141.05E, h114km, 7km, mb4.6/4, MW4.2(NIED) Error ellipse: s-maj=7.9km s-min=6.9km az=163.0

NEIC Recorded [2 JMA] in Iwate and Miyagi; [1 JMA] in Aomori Prefectures.

ISC 02:01:37:54.2, 0.3, 39.41N:0.03:141.17E, 0.06, h104km, 2km, h97km, 1.7km, comp:PP-P, n88, az:90/86, mb4.2/34, 9C-3D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, I SC. Includes stations like JOM Ohasama, JRG Rokugo, JMK Ichinoseki, etc.

ASAJ Asahikawa 4.82 12 P P 01 39 04.8 -1.0 ASAJ Asahikawa 4.82 12 P P 01 39 04.8 -1.0

JHJ Hachijo Jima 2 6.38 191 P P 01 39 24.8 -2.3 JHJ comp=Z, 53nm, 0.3s, baz=89, slow=22, SNR=9.6

KUR Kuril'sk 7.64 38 P P 01 39 40.0 -4.4 KUR comp=N, 90nm, 0.6s

VLA Vladivostok 7.91 301 P P 01 39 48.7 +0.7 VLA comp=E, 100nm, 0.6s

MDJ Mudanjiang 10.06 305 P P 01 40 19.0 +2.1 MDJ comp=Z, 30nm, 0.9s

FX1 Attu Island-F 25.69 48 P P 01 40 28.4 +4.1 FX1 comp=Z, 21nm, 0.8s, mb4.6, baz=257, slow=14, SNR=4.2

SONM Songino Array 26.36 300 P P 01 43 21.0 -1.1 SONM comp=Z, 0.9nm, 0.5s, mb3.5, baz=102, slow=9.1, SNR=12

SONM Songino Array 26.36 300 P P 01 43 21.0 -1.1 SONM comp=Z, 0.8nm, 0.5s, mb3.5, baz=102, slow=9.1, SNR=12

SONM Songino Array 26.36 300 P P 01 43 21.0 -1.1 SONM comp=Z, 0.7nm, 1.0s, baz=90, slow=3.0, SNR=3.8

SONM Songino Array 26.36 300 P P 01 43 21.0 -1.1 SONM comp=Z, 1.0nm, 0.8s

ENH Enshi 27.44 260 P P 01 43 30.0 -2.2 ENH comp=Z, 18nm, 0.7s, mb4.7

ZAK Zakamensk 28.70 305 P P 01 43 41.9 -1.3 ZAK comp=Z, 1.0nm, 1.0s, mb3.4

NVS Novosibirsk 41.09 312 P P 01 45 27.3 -1.5 MKAR Makanchi Array 42.73 300 P P 01 45 27.2 -0.1

MKAR Makanchi Array 42.73 300 P P 01 45 27.2 -0.1 MKAR Makanchi Array 42.73 300 P P 01 45 27.2 -0.1

KURK Kurchatov 44.35 306 P P 01 45 54.9 -0.4 KURK Kurchatov 44.35 306 P P 01 45 54.9 -0.4

KDOK Kodiak Island 45.48 43 P P 01 46 04.6 +0.5 KDOK comp=Z, 3.1nm, 0.5s, mb4.3, baz=270, slow=7.3, SNR=9.5

JIRN Jiri 46.66 273 P P 01 46 14.3 +0.4 JIRN comp=Z, 1.0nm, 0.3s, mb5.0

GUN Gumba 46.78 273 P P 01 46 15.3 +0.4 GUN comp=Z, 28nm, 0.4s, mb5.3

KKN Kakani 47.30 274 P P 01 46 19.4 +0.4 KKN comp=Z, 29nm, 0.6s, mb5.2

PKL Pulchoki 47.31 273 P P 01 46 18.4 +0.6 PKL comp=Z, 6.2nm, 0.5s, mb4.6

DMN Daman 47.53 273 P P 01 46 20.5 -0.2 ILAR Eielson Array 47.60 33 P P 01 46 20.9 +0.2

ILAR comp=Z, 4.8nm, 0.7s, mb4.4, baz=288, slow=6.1, SNR=67

ILAR comp=Z, 1.2nm, 0.7s, baz=281, slow=6.5, SNR=2 p P 01 46 44.5 -1.0

ILAR comp=Z, 0.8nm, 0.5s, baz=278, slow=6.6, SNR=2.3 GKN Gorkha 47.70 274 P P 01 46 22.0 -0.2

CHKZ Chkalovo 48.57 312 P P 01 46 27.8 -0.7 CHKZ Chkalovo 48.57 312 P P 01 46 27.8 -0.6

Table with columns: CBN, Corbin, 116.00 59, PFAKE LR, 03 28 10.0 +15, BHRG Bahadurgarh, 116.08 289 eP, PKP, 03 27 56.1 +0.5, KUDL Kundal, 116.24 288 eP, Amb, 03 27 56.6 +0.7, etc.

Table with columns: SCO Scoresbysund, 138.05 12, iPKIKP pmax, 03 28 39.2 +2.8, KEV Kevo, 138.47 347 epk, PKP, 03 28 48.0 +1.1, etc.

Table with columns: GAZ Gaziantep, 150.23 292 P, PKP, 03 29 00.2 +2.1, SVST Sivas, 150.24 297 iP, PKP, 03 29 05.5 +7.8, etc.

Table with columns: LIC, Lamto, 154.71 163, ePKIKP, PKPdf, 03 29 08.7 +3.5, etc. Includes stations like LIC, Lamto, Ekiskehir, etc.

Table with columns: FLN, La Foliniere, 161.92 5, ePKIKP, PKPdf, 03 29 14.3 +1.6, etc. Includes stations like FLN, La Foliniere, WTTA, etc.

Table with columns: JMA 02 03:19:13.2, 0.3, 46.18N-141.08E, h6km, 3km, M3.5, Sakhalin Island, etc. Includes station codes like JWJK, Keihoku, JRR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Khapcheranga, Sonm, HRMR, TRTB, CIT, FFNB, KAB, BTMB, STDB, ZRHB, MXMB, TRG, LSTR, ZAK, OGRR, IRK.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Arshan, Ulyunkhan, Hailar, Mondy, Nizh Angarsk, Uaik, Kumora, Orlik, Netyaty, Bodaibo, Krasnoyarsk, Yakutsk, Tiksi, Borovoye, Seymchan, Aru, Ilar, Inukiv, WRA, STKA, MKAR, ZAL.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like IDC, GVD, VAM, KYTH, VLI, IDI, ITM, NPS, NPS, KRPH, SANT, APE, RLS, LKR, KWRP, VLS, EVR, AGG, AGG, AOS, XOR, SLUM, SLUM, PAIG, MEV, LIT, OUR, SRN, HMAT, FNA, GRG, KNT, SWA1, VAE, HBRG, HBRG, AWB, HFRF, BR131, BRTR, AMAG, MLR, DAVOX, GERES, AKAS, HFS, FINES, ARCES, MKAR, ATH, NEIC, CSEM, THE, ISC, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BAIF Baives, OBN Obninsk, ESDC Sonseca Array, FLN La Foliniere, etc.

SOF 02 06:28:40.8, 40.04N, 21.03E, h2km, MD3.2
TIR 02 06:28:46.9, 40.45N, 21.14E, h5km
ATH 02 06:28:47.9, 40.50N, 21.14E, h21km, 1km, MD3.77

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FNA Florina, KZN Kozani, LSK Leskovik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKO Agios Georgios, AGG Agios Georgios, AGG Agios Georgios, etc.

IDC 02 06:35:35.8, 0.6, 16.66S, 172.81W, mb4.3/10, mb1 4.6/10, mb1mx4.4/17, mbtmp4.3/10, MS4.8/22, MS1 4.8/22, ms1mx4.7/24, Error ellipse: s-maj=27.4km az=13.6km az=123.0

HRVD 02 06:35:39.3, 0.2, 16.49S, 172.20W, h14km, MW5.3/70, Centroid moment Tensor Solution. LP body waves: s7, t108, Mantle waves: s70, c132, Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.69; 0.02; Mww:0.04; 0.1; Mww:0.65; 0.2; Mww:0.25; 0.4; Mww:0.23; 0.1; Mww:0.68; 0.3; Best double couple: M1.011x1017 NP1: 0s196, 822, 187, NP2:0s20, 868, 191, Principal axes: T: 95, Plg67, Azm292; N: 032, Plg17, Azm199; P: -1, 027, Plg23, Azm109; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 02 06:35:39.3, 0.2, 16.44S, 173.01W, h15km, mb5.2/24, MS4.8/22 Error ellipse: s-maj=14.1km s-min=7.3km az=135.0

MOS 02 06:35:41.3, 1.6, 16.50S, 173.05W, h33km, mb5.3/8, Error ellipse: s-maj=21.6km s-min=17.3km az=85.6

BUI 02 06:35:42.4, 15.48S, 173.33W, h15km, mb5.5, mb4.9, MS5.2, MSz4.8

ISC 02 06:35:40.3, 0.3, 16.59S, 172.73W, 0.06, h33km, (h12km, 7.4km; pP-P), n168, s1937/105, mb4.9/46, MS4.8/35, 5C-8D, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, SBA Scott Base, SBA Scott Base, VNSA Vanda, etc.

Table with columns: DL2, DL2, Dalian, 82.47 314, P, P, 06 48 01.0 -0.1, etc. Lists various astronomical observations with codes, station names, and coordinates.

Table with columns: BR131, Keskin Array S, 147.48 320, ePKPbc, PKPdf, 06 55 23.1 +4.4, etc. Lists astronomical observations with codes, station names, and coordinates.

Table with columns: comp=Z,6.0nm,0.9s,mb4.5, GNI, Gari, 52.68 314, P, P, 07 00 59.7 +1.1, etc. Lists astronomical observations with codes, station names, and coordinates.

Table with columns: TRWZ, DUWZ, SNZO, etc. Includes station names, coordinates, and various data points.

Table with columns: ZAL, KEV, JCF, ARCES, etc. Includes station names and coordinates.

Table with columns: CSEM 02 07:47:00.70,5, 38.29N, 26.52E, h20km, MD2.7, Error ellipse: s-maj=13.8km...

Table with columns: CASO 02 08:10:09.61,4, 8.31N-82.71W, h20km, 15km, MD3.6, MW3.6, 1D, Panama-Costa Rica border region

Table with columns: SKO 02 08:20:14.8, 38.93N-20.61E, h5km, ATH 02 08:20:23.0, 39.43N-20.32E, h20km, 3km, MD3.3/4

Table with columns: IGT, IGT, KEK, KEK, etc. Includes station names and coordinates.

Table with columns: NEIC 02 08:29:58.2, 34.15S-70.46W, h12km, ML3.0(GUC), After GUC

Table with columns: CACH, CACH, CACH, etc. Includes station names and coordinates.

Table with columns: ANTU, ANTU, ANTU, etc. Includes station names and coordinates.

Table with columns: LNV, LNV, FCH, FCH, etc. Includes station names and coordinates.

Table with columns: SMLA, SMLA, SMLA, etc. Includes station names and coordinates.

Table with columns: BHGR, BHGR, BHGR, etc. Includes station names and coordinates.

Table with columns: AYAN, KALG, KALG, etc. Includes station names and coordinates.

Table with columns: ISK 02 09:01:37.8, 38.21N-26.63E, h16km, MD3.0, CSEM 02 09:01:37.0, 38.21N-26.56E, h14km, 2km, MD3.0

Table with columns: URLA, URLA, BLCB, BLCB, etc. Includes station names and coordinates.

Table with columns: IDC 02 09:08:30.9, 7.23, 96N, 123.37E, mb3.9/3, mb1 3.9/3, mb1mx3.6/18, mbtmp3.9/3, Error ellipse: s-maj=168.8km

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

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

Table with columns: THE 02 09:09:30.8, 40.44N-21.04E, h5km, ML2.8, SKO 02 09:09:30.1, 40.39N-21.11E, h4km

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Borovoye Array, Inuvik, WRA Warramunga Arr, etc.

MAN 02 11:38:52.9, 9.26N-125.38E, h1km, mb4.2, ML3.0, MS2.7, 1C, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 02 12:08:54.2, 14.72N-123.33E, h21km, mb4.1, ML3.0, MS2.7, Luzon. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

CSEM 02 12:13:00.8-0.1, 35.18N-3.92W, h2km, MD3.3, Error ellipse: s-maj=2.4km s-min=1.9km az=55.0

Large table listing stations for CSEM 02 12:13:00.8-0.1, 35.18N-3.92W, h2km, MD3.3, Error ellipse: s-maj=2.4km s-min=1.9km az=55.0. Includes stations like Touzarine, Melilla, EMI, etc.

CSEM 02 12:15:19.9-0.2, 38.19N-26.65E, h25km, MD3.0, Error ellipse: s-maj=4.8km s-min=2.0km az=126.0

ISC 02 12:15:19.7-1.1, 38.09N-0.04, 26.63E, h2km, 8km, n12, -085E/19, Aegean Sea. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 12:18:29.5-1.1, 21.21N-120.33E, mb3.6/4, mb1 3.8/4, mb1mx3.6/17, mbtmp3.6/4, MS3.0/1, Ms1 2.8/1, ms-1mx2.6/25, Error ellipse: s-maj=59.4km s-min=25.1km az=73.0, Taiwan region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 12:45:16.8-3.5, 4.27N-95.42E, mb3.6/4, mb1 3.8/4, mb1mx3.6/17, mbtmp3.6/4, MS3.0/1, Ms1 3.0/1, ms-1mx2.6/25, Error ellipse: s-maj=143.7km s-min=24.9km az=62.0, Northern Sumatara. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 12:55:26.1-3.0, 13.34S-0.71E, mb4.0/3, mb1 4.3/3, mb1mx3.8/13, mbtmp4.0/3, Error ellipse: s-maj=139.0km s-min=32.1km az=136.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC 02 12:55:29.3-2.6, 13.55S-0.6, 172.0E-0.5, h33km, n7, -0247/4, mb4.25, Vanuatu Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 02 12:59:28.0, 14.61N-123.27E, h86km, mb4.1, ML2.9, MS2.6, 1D, Luzon. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

NNC 02 13:10:13.9-2.0, 35.21N-17.25W, mpv3.5, Error ellipse: s-maj=21.9km s-min=11.2km az=119.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 13:14:18.6-2.4, 17.70S-178.91W, h506km, 33km, mb3.1/4, mb1 3.3/5, mb1mx3.1/15, mbtmp3.1/15, Error ellipse: s-maj=36.6km s-min=21.4km az=17.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 02 13:17:36.3, 13.25N-120.49E, h11km, mb3.8, ML2.5, MS2.1, Mindoro. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

LUBP Lubang 0.53 334 eP Pg 13 17 46.9 -0.1. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 02 13:32:15.6, 13.34N-120.48E, h29km, mb3.6, ML2.3, MS1.8, Mindoro. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 02 13:45:12.3, 13.23N-120.47E, h11km, mb3.7, ML2.4, MS1.9, Mindoro. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MEX 02 14:01:20.4-0.6, 17.76N-101.43W, h42km, 8km, MD3.8, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 14:04:31.8-1.4, 26.22N-124.94E, mb3.5/3, mb1 3.7/3, mb1mx3.5/19, mbtmp3.5/3, ML2.0/1, Error ellipse: s-maj=41.6km s-min=24.9km az=51.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 14:14:59.3-0.7, 27.30N-140.31E, h455km, 10km, mb3.2/6, mb1 3.3/7, mb1mx3.0/22, mbtmp3.0/22, Error ellipse: s-maj=29.9km s-min=15.9km az=83.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 14:22:06.8-10.0, 0.19N-123.89E, h102km, 109km, mb3.8/7, mb1 4.0/8, mb1mx3.8/16, mbtmp3.8/16, ML4.6/1, Error ellipse: s-maj=40.8km s-min=19.9km az=82.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 02 14:22:06.8-10.0, 0.19N-123.89E, h102km, 109km, mb3.8/7, mb1 4.0/8, mb1mx3.8/16, mbtmp3.8/16, ML4.6/1, Error ellipse: s-maj=40.8km s-min=19.9km az=82.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns for station name, frequency, and other identifiers. Includes stations like SPAK, BALST, THEF, LBG, LOMF, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like HGN, ORX, BRMO, SOTA, BAIF, TRAV, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like GEC2, GEC2, GEC2, LBL, Lubilhac, Imperia, etc.

STR 03 00:19:11.9-0.4, 48.31N-7.41E, h5km, 1km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
NEIC 03 00:19:11.9, 48.31N-7.41E, h5km, ML2.6(STR), After STR.
BGR 03 00:19:12.9-0.4, 48.30N-7.44E, h5km, 6km, ML2.0/1, Error ellipse: s-maj=4.4km s-min=3.3km az=149.0
CSEM 03 00:19:12.1-0.1, 48.30N-7.43E, h2km, ML2.6, Error ellipse: s-maj=2.5km s-min=2.4km az=154.0
ISC 03 00:19:11.9-0.6, 48.29N-0.03-7.45E, 0.04, h5km, n13, -0.872/21, France
Code Station Name Δ° AZ' Phase ID Time Res
WLS Welschbruch 0.14 334 Op ISC
LIBD Limburg 0.17 143 ePg Pg 00 19 15.0 +0.3
LIBD SNR=2.1 00 19 18.4 +0.6
LIBD SNR=4.2 0.17 143 Pg Pg 00 19 15.4 -0.1
ECH Echery 0.21 249 Pg Pg 00 19 16.0 -0.1
ECH SNR=3.2 0.21 249 Pg Pg 00 19 16.0 0.0
ECH 00 19 19.2 +0.3
STR Strasburg 0.36 36 eSg Sg 00 19 25.2 +1.1
BFO Black Forest SNR=2 0.59 86 eSg Sg 00 19 32.0 +0.3
BBS Basel-Blauen 0.83 177 Pg Pg 00 19 28.1 -0.3
THEF They Montfort 0.98 267 eSg Sg 00 19 40.4 +0.9
LOMF Lomont SNR=2.4 1.03 204 Pg Pg 00 19 31.6 -0.8
LOMF 0.21 249 Pg Pg 00 19 16.0 0.0
LOMF SNR=1.4 1.03 204 eSg Sg 00 19 31.8 -0.6
LOMF SNR=1.4 1.26 67 ePg Pg 00 19 46.0 -0.1
STU Stuttgart SNR=1.3 1.26 67 eSg Sg 00 19 51.9 -2.0
STU SNR=1.3 1.26 67 Pg Pg 00 19 37.0 0.0
BLBC Balcovera 0.39 49 Op Pg 00 19 37.0 -0.8

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

JMA 03 01:12:17.3:0.2, 36.31N-141.85E, h72km, 5km, M3.4
IDD 03 01:12:20.6:5.26, 13N-141.82E, h49km, 52km, mb3.6/3,
mb1 3.8/5, mb1mx3.4/22, mbtmp3.9/5, ML2.6/2, MS3.1/2,
Ms1 3.1/2, ms1mx2.6/27, Error ellipse: s-maj=106.4km,
s-min=26.0km az=88.0

ISC 03 01:12:16.1:2.3, 36.25N-105.142E, 0.1, h32km, 21km,
n21, c0569/22, mb3.6/3, MS3.6/1, Off east coast of
Honshu

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

STR 03 01:17:52.4:0.0, 48.29N-7.42E, h5km, 1km, ML1.6, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
NEIC 03 01:17:52.3, 48.29N-7.43E, h5km, ML2.5(LDG), After
LDG.
LDG 03 01:17:52.3:0.1, 48.29N-7.43E, h5km, Md2.3/3, Ml2.5/9,
Error ellipse: s-maj=2.5km s-min=1.3km az=118.0,
France

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

NIED 03 01:36:00.42, 50N-138.10E, h26km, Mw3.7, Best double
couple: M=4.5x10^14 NP1=132, 886, lambda=26. NP2=225,
864, lambda=175.5

JMA 03 01:36:17.9:1.6, 42.35N-137.73E, mb3.3/3, mb1 3.7/5,
mb1mx3.5/23, mbtmp3.5/5, ML3.3/2, Error ellipse:
s-maj=36.9km s-min=31.1km az=155.0
BRG 03 01:36:15.3:1.3, 42.51N-138.22E, 0.07, h20km, 9km,
n17, c1801/28, mb3.6/3, Eastern Sea of Japan

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

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

THR 03 01:41:18.8:0.7, 34.48N-45.35E, h14km, 1km, ML3.4
CSEM 03 01:41:21.3:0.4, 34.26N-45.69E, h8km, ML3.6, Error
ellipse: s-maj=9.6km s-min=4.4km az=127.0
KISR 03 01:41:23.3:1.1, 34.02N-45.09E, h33km, ML3.4
TEH 03 01:41:25.8, 34.50N-45.78E, h10km, Mn3.6
OMAN 03 01:41:27.2, 33.40N-45.26E, h20km, Error ellipse:
s-maj=39.0km s-min=4.1km az=334.0
ISC 03 01:41:22.6:1.6, 34.25N-105.45E, 0.1, h13km, 8km, n29,
c1531/33, 4C-4D, Iran-Iraq border region

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

MOS 03 01:44:31.9:1.0, 51.67N-16.07E, h10km, mb3.8/1, Error
ellipse: s-maj=14.3km s-min=5.6km az=79.6
NEIC 03 01:44:33.3:0.4, 51.56N-16.10E, h5km, ML3.0(SZGRF),
ML2.5(BRG), Error ellipse: s-maj=5.3km s-min=4.6km
az=90.0
BGR 03 01:44:34.9:0.7, 51.51N-16.02E, h1km, ML3.0/7, Error
ellipse: s-maj=13.3km s-min=5.6km az=173.0
IPEC 03 01:44:34.5:0.2, 51.49N-16.10E, h8km, 1km, ML2.3/2,
Error ellipse: s-maj=1.5km s-min=0.7km az=42.0
CSEM 03 01:44:34.5:0.2, 51.48N-16.09E, h2km, ML3.2/2, Error
ellipse: s-maj=3.1km s-min=1.5km az=28.0
PRU 03 01:44:35.4, 51.42N-16.03E
WAR 03 01:44:35.1, 51.48N-16.04E, h1km, ML2.8, Mining
Induced
IDD 03 01:44:35.3:0.7, 51.47N-15.93E, mb1 3.5/6,
mb1mx3.4/22, mbtmp3.4/6, ML3.2/6, Error ellipse:
s-maj=14.0km s-min=7.4km az=106.0
ISC 03 01:44:32.9:0.4, 51.41N-16.04E, 0.02, n92,
c1928/153, 10C-7D, Poland

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

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

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

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

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

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

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

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

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

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

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

SKO 03 02:08:14.2, 36.73N-27.10E
NEIC 03 02:08:31.0, 38.12N-26.69E, h5km, MD3.6(ISK),
MD3.6(ATH), After ISK
CSEM 03 02:08:31.8:0.1, 38.11N-26.64E, h5km, MD3.6, Error
ellipse: s-maj=1.6km s-min=1.2km az=80.0
ISK 03 02:08:32.0, 38.12N-26.65E, h5km, MD3.6

ATH 03 02:08:32.6, 38.17N-26.48E, h26km, 1km, MD3.6/6
ISC 03 02:08:32.7, 1.0, 38.14N.0, 02.26.64E, 0.05, h7km, 27km,
n41, c0578/52, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Balçova, Samos, Izmir, Paraseki, etc.

MEX 03 02:10:14.9, 1.1, 16.93N-99.99W, h5km, 16km, MD3.8,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Acapulco, Cayaco, Platanillo, etc.

IDC 03 02:17:45.5, 1.8, 17.61S-178.87W, h501km, 24km, mb3.1/7,
mb1 3.4/8, mb1mx3/3.15, mbtmp4.0/8, Error ellipse:
s-maj=28.5km s-min=14.4km az=137.0

ISC 03 02:17:44.6, 1.6, 17.65S, 0.2-179.0W, 0.2, h500km, 22km,
n10, c0598/9, mb3.5/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Afiamalu, Urewara, Stephens Creek, etc.

IDC 03 02:46:06.7, 13.0, 19.91S-177.84W, h454km, 131km,
mb4.3/3, mb1 3.6/3, mb1mx3 2/12, mbtmp4.2/3, Error
ellipse: s-maj=146.3km s-min=58.7km az=139.0

NEIC 03 02:46:09.4, 6.1, 20.34S-177.75W, h498km, 61km,
mb4.3/10, Error ellipse: s-maj=33.6km s-min=21.3km
az=74.0

ISC 03 02:46:08.7, 1.0, 20.35S, 0.2-177.8W, 0.2, h500km, n24,
c0581/19, mb4.1/11, 3C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Stephens Creek, Warramunga Arr, etc.

JMA 03 03:33:10.4, 0.1, 28.29N-140.55E, h447km, M3.6
ISC 03 03:33:09.8, 1.2, 28.33N, 0.1-140.6E, 0.4, h455km, 16km, n9,
c045/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chichi jima, Haha-jima-NKT, Mitsune, etc.

NEIC 03 03:33:31.0, 38.10N-26.66E, h5km, MD3.6(ATH),
MD3.5(ISK), After ISK

ISC 03 03:33:32.3, 38.10N-26.63E, h5km, MD3.5
ATH 03 03:33:32.9, 38.14N-26.66E, h35km, 2km, MD3.6/5
CSEM 03 03:33:33.1, 0.1, 38.10N-26.67E, h10km, MD3.5, Error
ellipse: s-maj=1.5km s-min=1.0km az=96.0

ISC 03 03:33:32.1, 1.1, 38.12N, 0.02-26.57E, 0.05, h4km, 8km,
n45, c0568/51, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Samos, Balçova, Izmir, Paraseki, etc.

ISK 03 03:43:35.3, 37.12N-27.57E, h18km, MD3.4
NEIC 03 03:43:35.0, 37.11N-27.57E, h17km, MD3.3(ISK),
MD3.1(ATH), After ISK

CSEM 03 03:43:36.0, 0.1, 37.17N-27.64E, h20km, MD3.4, Error
ellipse: s-maj=2.1km s-min=1.6km az=64.0

ATH 03 03:43:37.3, 37.07N-27.55E, h20km, 7km, MD3.1/3
ISC 03 03:43:36.1, 0.7, 37.12N, 0.04-27.60E, 0.05, h15km, gkm,
n16, c0585/19, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Milas, Bodrum, Dalat, etc.

NEIC 03 03:44:00, 32.10N-129.50E, h8km, Mw3.6 Best double
couple: M2.54x10^14 NP1: 90, 121, 885, lambda: NP2: 90, 30,
theta: 1.75

JMA 03 03:44:02.5, 0.1, 32.13N-129.46E, h3km, 2km, M3.5, 4C-3D,
Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Shimokoshiki, Nagasaki, Hondo, etc.

LDG 03 03:53:20.6, 0.1, 48.29N-7.45E, h5km, Md2.6/3, Ml2.6/13,
Error ellipse: s-maj=1.3km s-min=0.9km az=108.0

CSEM 03 03:53:20.6, 0.1, 48.29N-7.45E, h5km, Ml2.6/12, Error
ellipse: s-maj=1.3km s-min=1.0km az=80.0

BGR 03 03:53:21.2, 0.3, 48.28N-7.46E, h5km, Ml1.8/2, Error
ellipse: s-maj=3.3km s-min=2.2km az=120.0

NEIC 03 03:53:21.2, 48.28N-7.41E, h5km, Ml2.6(LD), Error
ellipse: s-maj=2.2km s-min=1.7km az=120.0

STR 03 03:53:21.0, 0.2, 48.28N-7.41E, h5km, 1km, Ml2.0, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WLS, CDF, ECH, etc.

LDG 03 04:18:30.8, 0.1, 48.28N-7.45E, h7km, Md2.4/3, Ml2.5/14,
Error ellipse: s-maj=1.5km s-min=1.3km az=95.0

BGR 03 04:18:30.9, 0.3, 48.29N-7.46E, h5km, Ml1.8/2, Error
ellipse: s-maj=4.4km s-min=3.3km az=146.0

CSEM 03 04:18:30.1, 48.29N-7.45E, h12km, Ml2.5/3, Error
ellipse: s-maj=1.8km s-min=1.7km az=111.0

NEIC 03 04:18:31.0, 48.30N-7.44E, h5km, Ml2.5(LDG),
Ml2.1(STR), After STR

STR 03 04:18:31.0, 0.3, 48.30N-7.44E, h5km, 1km, Ml2.1, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WLS, CDF, ECH, etc.

ISC 03 05:22:29.1-0.5, 55.60S, 0.08-27.3W, 0.2, h10km, n49, c1500/33, mb4.5/17, MS4.0/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA2, VNA3, etc., with their respective coordinates and parameters.

Table with columns: LOMF, LOMF, LOMF, etc., listing stations like Lomont, Stuttgart, Retfroy, etc., with their respective parameters.

IDC 03 05:33:23.9-2.3, 34.86S, 178.81W, mb4.5/3, mb1.4 6/5, mb1mx4.3/14, mbmp4.4/5, ML4.1/2, MS3.8/7, Mst 3.8/7, ms1mx3.3/30, Error ellipse: s-maj=56.3km s-min=31.0km az=123.0

NEIC 03 05:33:20.2-1.4, 34.83S, 179.15W, h30km, mb4.5/4, Error ellipse: s-maj=27.6km s-min=17.8km az=92.0

ISC 03 05:33:28.1-1.4, 34.78S, 0.09-179.1W, 0.2, h33km, n20, c1506/17, mb4.5/5, MS3.8/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MWZ, URZ, URZ, etc., with their respective parameters.

ISK 03 05:37:44.5, 38.12N-26.61E, h16km, MD3.7

ATH 03 05:37:44.2, 38.12N-26.56E, h28km, 1km, MD3.8/7

NEIC 03 05:37:44.0, 38.10N-26.60E, h16km, MD3.8(ATH), MD3.7(ISK), After ISK

CSEM 03 05:37:44.0, 0.1, 38.12N-26.63E, h12km, MD3.7, Error ellipse: s-maj=1.4km s-min=1.0km az=91.0

ISC 03 05:37:44.0-0.3, 38.13N-10.02-26.53E, 0.3, h10km, n64, c0589/89, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like URLA, BLCB, SMG, etc., with their respective parameters.

Table with columns: ULDT, ALT, TKTP, AKAS, etc., listing stations like Altintas, Teketepete, Kas, etc., with their respective parameters.

MAN 03 05:44:13.1, 13.75N-120.53E, h78km, mb3.6, ML2.4, MS1.9, Mindoro

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

IDC 03 05:51:28.3-4.9, 58.24N-155.97W, h96km, 27km, mb3.3/4, mb1.3 6/6, mb1mx3.3/23, mbmp3.7/6, Error ellipse: s-maj=48.6km s-min=18.0km az=69.0

NEIC 03 05:51:29.9, 58.00N-155.93W, h17km, MG3.3(AEIC), After AEIC

ISC 03 05:51:28.6-0.8, 58.14N-10.06-115.9W, 0.1, h123km, 5km, n38, c112/42, mb3.5/3, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KJL, KJL, MGLS, etc., with their respective parameters.

KRSC 03 06:06:44.5-1.1, 49.45N-157.58E, h45km, 21km, ML4.4

IDC 03 06:06:46.3-3.0, 50.04N-157.29E, mb3.9/7, mb1.4 0/7, mb1mx3.7/21, mbmp3.9/7, MS2.9/1, Ms1 2.9/1, ms1mx2.6/29, Error ellipse: s-maj=89.4km s-min=31.4km az=9.0

MOS 03 06:06:48.1-1.8, 49.80N-157.28E, h37km, mb4.4/5, Error ellipse: s-maj=36.5km s-min=9.9km az=80.1

ISC 03 06:05:49.1-1.1, 49.52N-10.06-157.7E, 0.1, h39km, 10km, n44, c091/55, mb3.9/7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR, ALID, PAU, etc., with their respective parameters.

LDG 03 05:29:45.5-0.1, 48.29N-7.45E, h8km, Md2.5/3, ML2.5/9, Error ellipse: s-maj=1.8km s-min=1.4km az=105.0

STR 03 05:29:45.8-0.3, 48.26N-7.45E, h5km, 1km, ML2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 03 05:29:45.8, 48.26N-7.45E, h5km, ML2.5(LDG), ML2.0(STR), After STR

CSEM 03 05:29:45.5, 0.1, 48.29N-7.44E, h10km, ML2.5/9, Error ellipse: s-maj=1.9km s-min=1.6km az=161.0

BGR 03 05:29:45.7-0.3, 48.29N-7.46E, h5km, ML1.8/2, Error ellipse: s-maj=5.6km s-min=3.3km az=149.0, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WLS, LIBD, CDF, etc., with their respective parameters.

TUMR	Tumrok	6.25	27	iP	P	06 28 45.9	+1.1
ESO	Esso	6.49	17	iP	P	06 28 49.2	+1.2
KMNR	Kamenistaya	6.69	25	iP	P	06 28 51.9	+1.1
KUR	Kuril'sk	6.77	231	eP	P	06 28 51.2	-0.7
KUR	490nm,1.0s			AMB	AMB	06 29 02.0	
KUR				iS	S	06 30 08.8	+0.8
KUR				A		06 30 12.0	
KUR	4um,3.0s			A		06 30 12.0	
KUR	4um,3.0s			A		06 30 16.8	
KUR	430nm,0.8s			A		06 30 16.8	
KUR	Kuril'sk	6.77	231	ePN	P	06 28 51.2	-0.7
KUR				iS	S	06 30 08.8	+0.8
KUR				pmax	pmax		
KUR	comp=Z,490nm,1.0s						
KUR	comp=N,4um,3.0s						
KUR	comp=E,4um,3.0s						
KUR	comp=N,430nm,0.8s						
KOZ	Kozyrevsk	6.87	22	iP	P	06 28 53.7	+0.5
KPT	Kopyto	6.87	24	iP	P	06 28 53.4	+0.2
KOZR	Kozyr	6.88	22	PN	P	06 28 53.7	+0.4
SRDR	Sredinnyy	7.07	21	iP	P	06 28 57.2	+1.3
ZLN	Zelenaya	7.08	26	iP	P	06 28 57.0	+1.0
LGNR	Loginova	7.10	25	iP	P	06 28 57.1	+0.7
CIRR	Tsirk	7.15	25	iP	P	06 28 57.4	+0.5
KRSR	Krestovskiy	7.19	24	iP	P	06 28 57.0	0.0
KLY	Klyuchi	7.29	24	iP	P	06 29 00.1	+1.1
KLY	Klyuchi	7.29	24	iP	P	06 29 00.2	+1.2
KBG	Krutoberegovo	7.87	32	iP	P	06 29 05.5	-1.3
KBTR	Krutoberegovo	7.88	32	iP	P	06 29 05.0	-1.8
KBTR				S		06 30 28.3	-6.5
KBTR	Krutoberegovo	7.88	32	iP	P	06 29 04.9	-1.9
TYV	Tymovskoe	8.14	282	eP	P	06 29 11.0	+0.6
TYV				AMB	AMB	06 29 16.0	
TYV	comp=N,300nm,2.0s						
TYV	comp=N,74nm,1.2s						
TYV				eS	S	06 30 39.0	-2.3
TYV				A		06 30 44.0	
TYV	comp=N,44nm,1.0s						
TYV	comp=N,400nm,8.0s						
TYV	comp=N,700nm,12.0s						
BKI	Bering	8.48	46	eP	P	06 29 10.4	-4.6
BKI				eS	S	06 30 34.8	-1.5
BKI				Smax			
YUK	Yuzh-Kuril'sk	8.63	232	eP	P	06 29 16.5	-0.5
YUK				AMB	AMB	06 29 18.4	
YUK	comp=N,180nm,0.5s						
YUK	comp=N,420nm,0.5s						
YUK	comp=N,1um,0.5s						
YUK	comp=N,2um,1.0s						
YUK				eS	S	06 30 51.0	-2.1
YUK				A		06 30 56.5	
YUK	comp=N,440nm,0.5s						
YUK	comp=N,390nm,0.5s						
YUK	comp=N,2um,1.6s						
YUK	comp=N,2um,3.0s						
YUK	Yuzh-Kuril'sk	8.63	232	ePN	P	06 29 16.5	-0.5
YUK				eS	S	06 30 51.0	-2.1
YUK				pmax	pmax		
YUK	comp=E,420nm,0.5s						
YUK	comp=Z,1um,0.4s						
YUK	comp=N,180nm,0.5s						
YUK	comp=N,440nm,0.5s						
YUK	comp=E,390nm,0.5s						
UGL	Uglegorsk	8.64	270	eP	P	06 29 20.0	+3.0
YSS	Yuzh-Sakhalins	8.80	256	eP	P	06 29 22.9	+3.7
YSS				AMB	AMB	06 29 31.5	
YSS	comp=E,40nm,1.0s						
YSS	comp=E,70nm,1.0s						
YSS				A		06 31 12.8	
YSS	comp=E,60nm,1.0s						
YSS	Yuzh-Sakhalins	8.80	256	eP	P	06 29 22.9	+3.7
YSS	comp=E,35nm,0.6s						
YSS	Yuzh-Sakhalins	8.80	256	iPN	P	06 29 22.8	+3.6
NKL	Nikolayevsk	9.71	296	eP	P	06 29 31.0	-0.1
NKL				AMB	AMB	06 29 32.3	
NKL	comp=E,70nm,1.2s						
NKL	comp=E,180nm,1.2s						
MA2	Magadan	10.14	347	eP	P	06 29 38.0	+1.0
MA2	Magadan	10.14	347	iPN	P	06 29 38.1	+1.1
MA2				pmax	pmax		
ASAJ	Asahikawa	10.35	242	P	P	06 29 42.4	+2.6
ASAJ	comp=Z,29nm,0.3s,baz=76,slow=11,SNR=97						
ASAJ	Asahikawa	10.35	242	PN	P	06 29 42.4	+2.6
ASAJ				pmax	pmax		
OSSR	Ossora	10.50	22	P	P	06 29 41.0	-0.7
FX1	Attu Island-F	11.61	68	ePN	P	06 29 56.4	0.0
FX1				eS	S	06 31 56.6	-7.4
GRNR	Gornyy	12.10	282	eP	P	06 30 02.1	-0.8
GRNR				AMB	AMB	06 30 03.2	
SMY	Shemya	12.15	69	ePN	P	06 30 03.5	-0.1
SMY				eS	S	06 32 10.2	-6.7
SMY	Shemya	12.15	69	ePN	P	06 30 03.5	-0.1
SMY				pmax	pmax		
SEY	Seymchan	13.27	354	iPN	P	06 30 19.1	+1.0
TEY	Ternei	13.50	256	eP	P	06 30 22.0	+0.9
TEY				AMB	AMB	06 30 23.0	
TEY	comp=Z,120nm,1.0s						
TEY	comp=Z,130nm,1.0s						
KAMR	Kamenskoye	14.05	21	iP	P	06 30 29.1	+1.1
EKMR	Kimchan	14.29	292	eP	P	06 30 34.7	+3.6
EKMR				AMB	AMB	06 30 39.8	
EKMR	comp=Z,23nm,0.6s						
EKMR	comp=Z,40nm,0.6s						
EKMR	comp=Z,74nm,0.6s						
KLR	Kul'dur	15.28	277	eP	P	06 30 46.8	+3.1
KLR				AMS	AMS	06 38 30.5	
BMKR	Bomnak	16.86	297	iP	P	06 31 02.3	-1.1
BMKR				AMB	AMB	06 31 03.4	
BMKR	comp=Z,15nm,0.6s						
BMKR	comp=Z,35nm,0.6s						
BMKR	comp=Z,54nm,0.6s						
YASR	Yasnyy	17.29	292	eP	P	06 31 06.5	-2.2
YASR				AMB	AMB	06 31 12.0	
YASR	comp=Z,3.0nm,0.6s						
YASR	comp=Z,10.0nm,0.6s						
YASR	comp=Z,18nm,0.6s						
ZEA	Zeya	17.73	294	eP	P	06 31 11.1	-2.9
ZEA				AMB	AMB	06 31 13.0	
ZEA	comp=Z,30nm,0.7s						
ZEA	comp=Z,200nm,8.0s						
MAJO	Matsushiro	18.11	229	eP	P	06 31 17.6	-0.9
MAJO	comp=Z,137nm,0.4s						
MAJO	Matsushiro	18.11	229	eP	P	06 31 25.0	
MAJO				pmax	pmax		
MAJO	Matsushiro	18.11	229	P	P	06 31 17.6	-0.9
MAT	Matsushiro	18.11	229	P	P	06 31 18.1	-0.4
MAT				S	S	06 34 39.0	+5.6

MAT	Matsushiro	18.11	229	eP	P	06 31 18.0	-0.5
MAT	comp=Z,65nm,0.6s						
MAT	Matsushiro	18.11	229	eS	S	06 34 39.0	+5.6
MAT				eS	S	06 31 18.0	-0.5
MAT				P	P	06 34 39.0	+5.6
MJAR	Matsushiro Arr	18.11	229	P	P	06 31 18.0	-0.6
MJAR	comp=Z,9.7nm,0.3s,baz=23,slow=11,SNR=74			PcP	PcP		
MJAR	comp=Z,0.4nm,0.3s,baz=46,slow=0.8,SNR=4.2			LR	LR	06 35 45.4	-1.5
MJAR	comp=Z,104nm,19.1s,baz=50,slow=37			LR	LR	06 38 28.9	
MDJ	Mudanjiang	18.16	263	XP	P	06 31 17.1	-1.8
MDJ				S	S	06 31 51.3	-1.8
MDJ				AMB	AMB	06 34 38.5	+4.2
MDJ	comp=Z,10.0nm,0.6s						
MDJ	comp=Z,50nm,4.3s						
MDJ	comp=N,130nm,11.8s						
MDJ	comp=E,70nm,13.8s						
MDJ	comp=Z,130nm,13.8s						
MDJ	Mudanjiang	18.16	263	eP	P	06 31 17.2	-1.8
MDJ	comp=Z,111nm,0.8s						
MDJ						06 31 23.2	
MDJ						06 31 46.6	
YAK	Yakutsk	18.70	321	eP	P	06 31 23.6	-1.3
YAK	comp=Z,410nm,0.8s						
YAK	Yakutsk	18.70	321	iP	P	06 31 23.8	-1.1
YAK				pmax	pmax		
BILL	Bilibino	19.11	13	eP	P	06 31 26.4	-2.8
BILL	comp=Z,396nm,0.8s						
BILL	Bilibino	19.11	13	iP	P	06 31 26.7	-2.4
BILL	comp=Z,178nm,0.6s						
BILL	comp=Z,123nm,0.6s						
BILL	comp=Z,100nm,13.0s						
CLNS	Chul'man	19.35	303	eS	S	06 31 32.9	+1.1
CLNS				eS	S	06 35 05.9	+6.9
CLNS				pmax	pmax		
CLNS	comp=Z,117nm,0.9s						
CLNS	comp=N,51nm,1.1s						
CLNS	comp=E,77nm,1.0s						
CLNS	comp=N,94nm,1.1s						
CLNS	comp=E,54nm,1.1s						
CLNS	comp=Z,20nm,1.5s						
CLNS	comp=N,100nm,13.0s						
CLNS	comp=E,200nm,14.0s						
CLNS	comp=Z,200nm,14.0s						
JHJ	Hachijojima 2	20.23	220	P	P	06 31 41.4	+0.3
JHJ	comp=Z,271nm,0.8s,baz=151,slow=4,1,SNR=9.4						
CN2	Changchun	21.19	265	eP	P	06 31 47.9	-2.7
CN2				eXP	P	06 32 29.1	
CN2				eS	S	06 35 29.7	-4.2
CN2				AMB	AMB		
CN2	comp=Z,10.0nm,1.0s,mb4.1						
HIA	Hailar	22.94	282	eP	P	06 32 07.2	-0.4
HIA	comp=Z,18nm,0.7s,mb4.5						
HIA				eP	P	06 32 37.4	
HIA				eP	P	06 32 07.2	-0.4
HIA				ePP	P	06 32 37.4	
HIA				pmax	pmax		
KS15	Wonju Array Si	23.21	248	eP	P	06 32 12.0	+1.7
KS15				eP	P	06 32 24.6	
JNU	Nakatsue	24.56	236	P	P	06 32 25.2	+1.9
JNU	comp=Z,284nm,0.9s,mb5.7,baz=75,slow=11,SNR=95						
TNA	Tin City	24.72	37	eP	P	06 32 24.8	+0.3
TNA	comp=Z,178nm,1.0s,mb5.5						
TIXI	Tiksi	25.02	341	iP	P	06 32 25.6	-1.7
TIXI	Tiksi	25.02	341	eSP	P	06 32 21.3	-6.0
TIXI				eS	S	06 33 05.7	-1.3
TIXI				eS	S	06 36 35.2	-4.6
TIXI				pmax	pmax		
TIXI	comp=Z,62nm,0.7s,mb5.2						
TIXI	comp=Z,100nm,13.0s						
BOD	Bodaibo	25.31	304	eP	P	06 32 28.4	-1.7
BOD				e		06 35 56.7	
BOD				pmax	pmax		
BOD	comp=Z,16nm,0.8s,mb4.5						
CIT	Chita	26.14	291	eP	P	06 32 38.2	+0.3
CIT				e		06 37 08.1	
SVWZ	Sparrevohn	29.36	49	eP	P	06 33 07.2	+0.3
JOW	Junigami	30.91	232				

YKA	Yellowknife Ar	47.64	39	P	P	06 35 38.8	0.0		
YKA				P	pP	06 36 05.5	-1.3		
YKA					pmax				
CHZK	Chkalovo	49.61	309	eP	P	06 35 52.7	-1.4		
CHZK				eP	pP	06 36 23.6	+1.3		
CHZK				ePP	PP	06 37 46.2	-3.9		
CHZK	Chkalovo	49.61	309	eP	P	06 35 52.7	-1.4		
CHZK					pmax				
VOSK	Vostochayaya	49.93	308	P	P	06 35 55.3	-1.3		
VOSK					pmax				
BVAO	Borovoye Array	50.07	308	iP	P	06 35 56.4	-1.2		
BVAO					pmax				
BVAO					P	06 35 56.6	-1.0		
BVAR	Borovoye Array	50.07	308	P	P	06 35 56.6	-1.0		
BVAR					pP	06 37 16.5	+0.7		
BVAR					P	06 35 56.6	-1.0		
BRVK	Borovoye	50.11	308	eP	P	06 35 56.8	-1.1		
BRVK					ePcP	06 37 16.4	+0.4		
BRVK					eScP	06 41 06.7			
BRVK	Borovoye	50.11	308	eP	P	06 35 57.1	-0.8		
BRVK					pmax				
LSA	Lhasa	51.57	272	eP	P	06 36 10.9	+1.6		
LSA					eP	06 36 10.9	+1.6		
LSA					pmax				
TKM2	Tokmak 2	52.98	295	P	P	06 36 19.2	-0.5		
TBM	Table Mountain	52.99	58	P	pP	06 36 48.2	0.0		
EDM	Edmonton	53.20	49	eP	P	06 36 20.5	-0.6		
EDM					pP	06 36 48.1	-1.6		
EDM	Edmonton	53.20	49	P	P	06 36 20.8	-0.3		
EDM					pP	06 36 48.8	-0.9		
WLL	Laurance Lake	53.40	60	P	pP	06 36 51.9	+0.5		
USP	Ospenovka	53.41	296	P	P	06 36 22.3	-0.5		
CHMS	Chumysh	53.43	296	P	P	06 36 22.7	-0.3		
KBK	Karagaybulak	53.52	295	P	P	06 36 23.3	-0.3		
DAG	Danmarks Havn	53.66	358	iP	P	06 36 21.0	-3.2		
DAG	Danmarks Havn	53.66	358	eP	P	06 36 21.0	-3.2		
KKTK	Khon Kaen	53.69	251	P	P	06 36 25.0	-0.2		
ARU	Arti	53.76	317	eP	P	06 36 23.3	-1.9		
ARU					eP	06 36 54.0	+0.2		
ARU					ePcP	06 37 29.9	+0.4		
ARU	Arti	53.76	317	iP	P	06 36 23.6	-1.6		
ARU					e	06 37 29.1			
ARU					e	06 38 25.0			
ARU					ePPP	06 39 35.6	-5.0		
ARU					eS	06 43 47.1	-1.2		
ARU					eSS	06 45 56.8			
ARU					eSS	06 47 28.1	-2.3		
AAK	Ala-Archa	53.80	295	P	P	06 36 25.2	-0.5		
AAK	Ala-Archa	53.80	295	eP	P	06 36 23.6	-2.1		
AAK					eP	06 36 53.9	-0.4		
AAK					ePcP	06 37 27.4	-2.4		
AAK					eScP	06 41 18.5			
AAK	Ala-Archa	53.80	295	eP	P	06 36 23.6	-2.1		
AAK					e'PP	06 36 55.2	+0.9		
AAK					pmax				
OD2	Odessa Site #2	53.89	57	P	pP	06 36 54.4	-0.5		
SBL	Shillong	53.91	268	eP	P	06 36 26.5	-0.2		
GHL	Gable Mountain	53.96	58	P	pP	06 36 54.6	-0.8		
HAWA	Hanford	54.04	58	eP	P	06 36 27.2	-0.2		
HAWA					eP	06 36 54.5	-1.5		
EKS2	Erkin-Say	54.20	296	P	P	06 36 28.3	-0.3		
CHG	Chiang Mai	54.23	256	P	P	06 36 30.1	+1.0		
BBOR	Butler Butte	54.39	64	P	pP	06 36 59.4	+0.8		
HUMO	Hull Mountain	54.40	64	eP	P	06 36 29.8	-0.3		
HUMO					eP	06 36 57.6	-1.1		
KKM	Kota Kinabalu	54.53	230	iP	P	06 36 31.7	+0.3		
LVZ	Lozovero	54.55	336	iP	P	06 36 28.3	-2.5		
LVZ					pmax				
LVZ					pmax				
LVZ					pmax				
KSH	Kashi	54.85	292	eP	P	06 36 33.0	-0.4		
KSH					eP	06 37 02.0	-0.1		
KSH					eXP	06 37 16.0	+0.6		
KSH					ePcP	06 37 34.1	+0.2		
KSH					ePP	06 38 38.0	-0.8		
KSH					ePPP	06 39 53.1	-0.4		
KSH					eScP	06 41 19.0			
KSH					ePcS	06 41 32.6			
KSH					S	06 43 59.8	-3.4		
KSH					eXS	06 44 52.1			
KSH					eScS	06 46 06.1	-0.7		
KSH					eSS	06 47 45.3	-2.7		
KSH					AMB				
KSH					LR				
KSH					LR				
KEV	Kevo	54.96	340	eP	P	06 36 30.1	-3.6		
KEV					e	06 36 30.1	-3.6		
KEV					eP	06 36 30.1	-3.6		
KEV					pmax				
ARCES	ARCES Array B	55.45	341	P	P	06 36 34.4	-2.9		
ARCES					PcP	06 37 36.6	+0.8		
ARCES					LR	07 06 05.2			
ARCES					LR	07 06 05.2			
KKAR	Karatay Array	55.81	298	iP	P	06 36 38.8	-1.5		
KKAR					pmax				
WDC	Whiskeytown Da	55.91	66	P	P	06 36 40.2	-0.8		
WDC					pP	06 37 10.1	+0.2		
WDC					pP	06 36 40.2	-0.8		
WDC					e'PP	06 37 10.1	+0.3		
WDC					pmax				
JURN	Jiri	56.16	274	eP	P	06 36 42.9	-0.1		
GUN	Gumba	56.19	274	eP	P	06 36 43.0	-0.2		
BMO	Blue Mountains	56.22	59	eP	P	06 36 43.1	-0.1		
BMO					eP	06 37 11.3	-0.8		
MOD	Modoc	56.38	63	eP	P	06 36 44.5	+0.1		
MOD					eP	06 37 13.4	+0.2		
KKN	Kakani	56.66	275	eP	P	06 36 46.5	0.0		
PKI	Pulchoki	56.72	275	eP	P	06 36 47.0	+0.1		
MSO	Missoula	56.80	55	eP	P	06 36 45.7	-1.5		
MSO					eP	06 37 14.9	-1.3		
DMN	Daman	56.89	275	eP	P	06 36 48.1	0.0		
GKN	Gorkha	56.92	275	eP	P	06 36 48.3	-0.1		
WVOR	Wild Horse Val	57.00	62	P	P	06 36 48.0	-0.7		
WVOR					eP	06 37 17.5	-0.2		

WVOR	Wild Horse Val	57.00	62	P	P	06 36 48.3	-0.4		
WVOR					pmax				
CHMT	Chamberlain Mo	57.12	55	eP	P	06 36 49.0	-0.4		
CHMT					eP	06 37 17.4	+1.0		
OHOM	Honcut	57.33	66	eP	P	06 36 50.4	-0.7		
OHOM					eP	06 37 19.0	-1.0		
SUMG	Summit	57.56	51	eP	P	06 36 51.3	-0.9		
SUMG					eP	06 37 20.4	-0.8		
AB31	Akbulak array	57.60	309	iP	P	06 36 51.4	-1.4		
AB31					pmax				
KOLN	Koldanda	57.75	276	eP	P	06 36 53.9	-0.3		
KOLN					eP	06 36 52.4	-1.7		
AKTO	Aktjubinsk	57.78	311	P	P	06 36 54.5	+0.4		
AKTO					PcP	06 36 52.4	-1.7		
AKTO					P	06 36 52.4	-1.6		
AKTO					pmax				
FCC	Fort Churchill	57.94	35	eP	P	06 36 54.0	-1.0		
FCC					eP	06 37 20.3	-3.8		
FCC	Fort Churchill	57.94	35	eP	P	06 36 54.0	-1.0		
FCC					pmax				
HRY	Holler Researc	57.99	54	eP	P	06 36 55.4	-0.2		
HRY					eP	06 37 23.7	-0.9		
KLMR	Klimovskoe	58.25	329	iP	P	06 36 55.2	-2.0		
KLMR					pmax				
DLMT	Dillon	58.46	56	eP	P	06 36 58.9	+0.1		
DLMT					eP	06 37 28.1	+0.2		
HLID	Hailey	58.65	58	eP	P	06 37 00.3	+0.2		
HLID					eP	06 37 28.9	-0.4		
BOZ	Bozeman (W)	58.79	55	eP	P	06 37 01.5	+0.4		
BOZ					eP	06 37 30.4	+0.1		
BOZ	Bozeman (W)	58.79	55	eP	P	06 37 01.5	+0.3		
BOZ					pmax				
CMB	Columbia Colle	58.82	67	P	P	06 36 56.6	-4.9		
CMB					eP	06 37 30.6	0.0		
JOF	Joensuu	59.24	334	eP	P	06 37 01.7	-2.3		
JOF					eP	06 37 01.7	-2.3		
JOF	Joensuu	59.24	334	eP	P	06 37 01.7	-2.3		

Table of astronomical observations for station BNI, including columns for station name, time, position, and observation details.

Table of astronomical observations for station ERUA, including columns for station name, time, position, and observation details.

Table of astronomical observations for station SNA, including columns for station name, time, position, and observation details.

IDC 03 07:54:32.3:0.8, 16.14S:172.84W, mb4.1/8, mb1 4.3/9, mb1mx4.2/17, mbtmp4.9, MS3.5/7, MS1 3.5/7, ms1mx3.3/23, Error ellipse: s-maj=44.0km s-min=16.5km az=128.0

ISC 03 07:54:35.7:0.7, 16.1S:0.1x173.0W:0.2, h33km, n21, o=067/11, mb4.0/8, MS3.6/5, Samoa Islands region

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

ISK 03 08:02:09.7, 38.19N-26.61E, h16km, MD3.0

NEIC 03 08:02:09.0, 38.23N-26.58E, h15km, MD3.3(ATH), MD3.0(ISK), After ISK.

ATH 03 08:02:10.5, 38.19N-26.53E, h24km, 5km, MD3.3/5

CSEM 03 08:02:11.0, 0.1, 38.21N-26.72E, h20km, MD3.0, Error ellipse: s-maj=2.7km s-min=2.0km az=71.0

ISC 03 08:02:09.9, 38.17N-0.03, 26.57E:0.04, h3km, 5km, n21, r1906/33, IC, Aegean Sea

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

ATH 03 08:43:02.7, 38.37N-27.59E, h25km, MD3.0/3

ISK 03 08:43:10.5, 38.20N-26.65E, h6km, MD2.8

CSEM 03 08:43:10.2, 0.2, 38.24N-26.69E, h2km, MD2.8, Error ellipse: s-maj=8.3km s-min=4.7km az=126.0

ISC 03 08:43:09.7, 1.5, 38.25N-0.07, 26.58E:0.09, h2km, 11km, n7, r0996/10, IC, Aegean Sea

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

NIED 03 09:06:00, 30.00N, 130.80E, h32km, Mw4.0 Best double couple: Mo:1.28x10^15 NP1:psi28^i, 870^o, A91^i. NP2:psi205^o, 820^o, A87^o.

IDC 03 09:06:32.0:5.7, 30.28N:131.42E, mb4.0/4, mb1 4.0/4, mb1mx3.7/19, mbtmp4.0/4, MS3.3/1, MS1 3.3/1, ms1mx2.7/24, Error ellipse: s-maj=153.8km s-min=110.7km az=30.0

JMA 03 09:06:39.3:0.1, 30.03N:130.82E, h31km, 1km, M3.9

ISC 03 09:06:39.0:1.5, 30.01N:0.10, 130.8E:0.1, h52km, 8km, n10, o=073/16, mb3.9/4, MS3.2/1, 4D, Kyushu

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

NEIC 03 09:11:51.7:1.1, 20.22S:177.77W, h473km, 13km, mb4.5/9, Error ellipse: s-maj=17.2km s-min=8.8km az=146.0

IDC 03 09:11:51.3:2.3, 20.27S:177.77W, h470km, 28km, mb3.2/7, mb1 3.6/9, mb1mx3.5/14, mbtmp4.2/9, Error ellipse: s-maj=31.1km s-min=16.1km az=143.0

ISC 03 09:11:49.8:1.2, 20.2S:0.1x177.9W:0.1, h458km, 14km, h474km, 2.8km, p-P, n40, r1905/35, mb4.1/20, 1C-1D, Fiji

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

ROM 03 09:19:04.6:0.1, 37.97N:14.25E, h4km, Md3.1/6, M13.3/10, Error ellipse: s-maj=2.0km s-min=1.4km az=175.0

NEIC 03 09:19:04.6, 37.97N:14.25E, h4km, ML3.3(ROM), After

CSEM 03 09:19:05.1:0.2, 37.96N:14.21E, h15km, ML4.3/3, Error ellipse: s-maj=3.5km s-min=2.9km az=168.0

ISC 03 09:19:05.1:0.5, 37.94N:0.03, 14.22E:0.03, h11km, 9km, n25, r1913/11, 1C-3D, Sicily

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

ROM 03 09:19:04.6:0.1, 37.97N:14.25E, h4km, Md3.1/6, M13.3/10, Error ellipse: s-maj=2.0km s-min=1.4km az=175.0

NEIC 03 09:19:04.6, 37.97N:14.25E, h4km, ML3.3(ROM), After

CSEM 03 09:19:05.1:0.2, 37.96N:14.21E, h15km, ML4.3/3, Error ellipse: s-maj=3.5km s-min=2.9km az=168.0

ISC 03 09:19:05.1:0.5, 37.94N:0.03, 14.22E:0.03, h11km, 9km, n25, r1913/11, 1C-3D, Sicily

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

146nm, 0.5s
TIP Timpageande 2.34 57 P Pn
TIP Timpageande 2.34 57 P Pn

CASC 03 09:35:07.7:1.5, 7.67N-82.16W, MD4.3, MW4.7, 5C-2D, South of Panama

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

LDG 03 09:37:10.5:0.1, 48.28N:7.46E, h5km, Md3.1/3, M13.0/23, Error ellipse: s-maj=1.5km s-min=1.2km az=117.0

ZUR 03 09:37:10.4, 48.28N:7.46E, h10km, ML2.6/6

BGR 03 09:37:11.0:0.2, 48.29N:7.46E, h5km, ML2.6/3, Error ellipse: s-maj=2.2km s-min=2.2km az=134.0

LEDBW 03 09:37:10.4:0.1, 48.28N:7.47E, h6km, 4km, ML2.6, Error ellipse: s-maj=2.2km s-min=1.6km az=20.0

CSEM 03 09:37:10.4:0.1, 48.29N:7.46E, h12km, ML3.0/22, Error ellipse: s-maj=1.1km s-min=0.9km az=149.0

NEIC 03 09:37:10.6, 48.30N:7.44E, h5km, ML3.0(LDG), ML2.6(STR), After STR.

VIE 03 09:37:15.6:0.8, 46.06N:8.23E, h8km, mb2.0/1, ML2.5/3, Error ellipse: s-maj=8.2km s-min=4.1km az=143.0

STR 03 09:37:10.6:0.1, 48.30N:7.44E, h5km, 1km, ML2.6, 3C-6D, Error ellipse: s-maj=0.0km s-min=0.0km az=10.0, France

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tromm, Maizieres J'vi, Wafferdange, Sindelford, Heidenheim, etc.

LDG 03 09:39:52.2.0.1, 48.27N, 7.46E, h8km, M2.4/3, M2.5/7, Error ellipse: s-maj=3.3km s-min=1.8km az=125.0

CESEM 03 09:39:52.0.1, 48.28N, 7.44E, h5km, ML2.4/7, Error ellipse: s-maj=1.6km s-min=1.2km az=110.0

STR 03 09:39:52.0.1, 48.28N, 7.42E, h5km, 1km, M1.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEZSF Sextantaines, La Chapelle, LOR Lormes, etc.

NNC 03 10:10:37.1.1.1, 48.26N, 67.53E, mpv2.7, 13C-5D, Central Kazakhstan

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

MAN 03 10:29:41.1, 9.91N, 126.06E, h55km, mb4.5, ML3.3, MS3.2, Mindanao

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

NIED 03 10:55:00.31.50N, 140.60E, h62km, Mw3.8, Best double couple: M5.29x1014 NP1.9, 333', 889', L-44', NP2.6, 64', 846', L-178'

IDC 03 10:55:01.4.1.5, 31.31N, 139.82E, h93km, 16km, mb3.6/4, mb1.3/76, mb1mx3.2/22, mbtmp3.9/6, Error ellipse: s-maj=35.8km s-min=11.8km az=74.0

JMA 03 10:55:01.6.0.2, 31.53N, 140.61E, h91km, 4km, M3.8, ISC 03 10:55:00.7.0.6, 31.53N, 140.61E, 115km, 9km, n18, c1914/22, mb4.0/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mitsune, Hachioji jima, Kozu shima, etc.

MEX 03 11:18:11.2.0.6, 15.91N, 97.60W, h26km, 20km, MD3.8, Near coast of Oaxaca

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

IDC 03 11:21:05.9.1.6, 34.48N, 73.68E, mb4.0/6, mb1.4/2/8, mb1mx3.9/19, mbtmp4.0/8, M3.7/3, Error ellipse: s-maj=42.1km s-min=25.2km az=60.0

MOS 03 11:21:06.0.1.4, 34.53N, 73.67E, h9km, mb4.2/4, Error ellipse: s-maj=30.7km s-min=8.9km az=90.0

NEIC 03 11:21:08.3.3.8, 34.57N, 73.54E, h10km, mb3.6/2, Error ellipse: s-maj=31.5km s-min=19.3km az=77.0

NNC 03 11:21:18.6.3.7, 34.93N, 72.97E, h64km, 23km, mpv3.8, Error ellipse: s-maj=50.1km s-min=26.1km az=65.0

ISC 03 11:21:06.9.0.6, 34.60N, 0.05, 73.6E, 0.1, h10km, n42, c1913/44, mb3.9/5, 6C-2D, Pakistan

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

DDI Dehra Dun 5.67 138 ex x 11 22 40.5

NDI New Delhi 6.64 152 ep Pb 11 23 09.0

KALG Kalgarh 6.68 138 ex x 11 23 11.3

AAK Ala-Archa 8.05 4 P Pb 11 23 09.6

AAK Karatay Array 8.83 345 P Pb 11 23 08.1

AAK Akbulak Array 17.80 329 P P 11 25 15.9

BVAO Borovoye Array 18.56 354 P P 11 25 26.1

BVAO Borovoye Array 18.56 354 P P 11 25 26.7

BVAO Borovoye Array 18.56 354 P P 11 25 26.7

BRVK Borovoye 18.61 354 P P 11 25 27.1

CHZK Kurchatov 16.51 11 P P 11 25 01.4

AKTO Aktuyubinsk 19.51 329 P P 11 25 36.7

AKTO Aktuyubinsk 19.51 329 P P 11 25 36.8

ZAL Zalesovo 20.87 19 P P 11 25 49.9

ZAL Zalesovo 20.87 19 P P 11 25 49.9

SONM Songoing Arr 27.73 52 P P 11 26 57.2

ARCES ARCES Array B 43.72 338 P P 11 29 12.8

ILAR Eielson Array 75.99 17 P P 11 32 54.5

ILAR Eielson Array 75.99 17 P P 11 32 54.5

WRA Warramunga Arr 79.15 123 P P 11 33 12.5

YKA Yellowknife Arr 83.02 4 P P 11 33 33.0

YKA Yellowknife Arr 83.02 4 P P 11 33 33.0

IDC 03 11:27:30.7.1.7, 34.76S, 179.11W, mb4.4/3, mb1.4/6/5, mb1mx4.2/13, mbtmp4.5/5, ML4.4/2, MS4.1/6, M1.1/0.6, ms1mx3.7/18, Error ellipse: s-maj=41.3km s-min=31.4km az=126.0

NEIC 03 11:27:37.6.0.9, 34.94S, 179.55W, h30km, mb4.8/4, Error ellipse: s-maj=16.8km s-min=11.0km az=88.0

ISC 03 11:27:36.6.1.9, 34.92S, 0.08, 179.5W, 0.1, h40km, 14km, h39km, 9km, pp-P, n44, c1914/49, mb4.6/7, MS4.0/5, 4D, South of Kermadec Islands

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

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

URZ Urewera 4.31 218 P P 11 28 42.3

Jujuy Province										
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	h	m s	ISC
CEN1	Los Morros	3.45	268	U/P	S	13 04 57	+3.3	13	05	43.0
CEN1				/S	P	13 05 43.0	+4.8	13	05	46.2
CEN1				AMP	P	13 05 46.2				
comp=1.404nm,0.4s										
ANCH	Antofagasta	3.65	264	I/P	P	13 04 56.9	0.0	13	05	42.0
ANCH				/S	P	13 05 42.0	+0.2	13	05	48.0
CPN1	Cerro Paranal	3.84	250	I/P	P	13 05 50.9	+2.7	13	05	57.4
CPN1				/S	P	13 06 32.5	+3.5	13	06	32.5
CRCH	Chaquaral	4.84	231	I/S	S	13 06 32.5	+3.5	13	06	32.5
CDCH	Caldera	5.45	226	I/S	S	13 06 25.5	+3.2	13	06	25.5

ZUR 03 13:11:02.1, 48.28N, 7.46E, h7km, ML2, 8/5
 LDG 03 13:11:03.6, 0.1, 48.29N, 7.42E, h3km, MD3.0/3, M13.2/19,
 Error ellipse: s-maj=1.7km s-min=1.5km az=132.0

LEDBW 03 13:11:03.4, 0.1, 48.28N, 7.47E, h6km, ML2, 9, Error
 ellipse: s-maj=3.0km s-min=2.8km az=11.0
 NEIC 03 13:11:03.2, 48.28N, 7.41E, h10km, ML3.2(LDG),
 ML2.7(STR), After: STR

CSEM 03 13:11:03.0, 0.1, 48.29N, 7.44E, h7km, 1km, ML3.2/18,
 Error ellipse: s-maj=1.0km s-min=0.8km az=5.0

PRU 03 13:11:04.3, 48.32N, 7.58E
 BGR 03 13:11:04.1, 0.2, 48.29N, 7.46E, h5km, ML2.8/5, Error
 ellipse: s-maj=2.2km s-min=1.1km az=140.0

STR 03 13:11:03.0, 0.2, 48.28N, 7.41E, h10km, 1km, M12.7,
 11C-9D, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0,
 France

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	h	m s	ISC
WLS	Welschbruch	0.14	344	Op	Pg	13 11 06.6	+0.1	13	11	06.6
WLS				/S	Pg	13 11 08.9	+0.2	13	11	06.7
WLS				Sg	Pg	13 11 06.7	+0.2	13	11	06.8
WLS	Welschbruch	0.14	344	I/P	Pg	13 11 06.6	+0.1	13	11	06.8
WLS				/S	Pg	13 11 08.9	+0.2	13	11	06.7
CDF	Champ du Feu	0.16	326	eP	Pg	13 11 09.4	+0.1	13	11	09.4
CDF				eSg	Pg	13 11 09.4	+0.1	13	11	09.4
515nm,0.3s										
ECH	Echery	0.18	249	Pg	Pg	13 11 07.6	+0.4	13	11	07.6
ECH				/S	Pg	13 11 13.9	+0.7	13	11	07.7
ECH				S	Pg	13 11 07.7	+0.4	13	11	07.8
ECH	Echery	0.18	249	eP	Pg	13 11 07.6	+0.4	13	11	07.6
ECH				eSg	Pg	13 11 10.3	+0.4	13	11	07.7
LIBD	Limburg	0.18	135	I/P	Pg	13 11 07.1	-0.2	13	11	06.9
LIBD				/S	Pg	13 11 06.9	-0.3	13	11	06.9
LIBD				eP	Pg	13 11 09.5	-0.5	13	11	06.9
LIBD	Limburg	0.18	135	Pg	Pg	13 11 06.9	-0.4	13	11	06.9
LIBD				Sg	Pg	13 11 10.0	0.0	13	11	06.9
STR	Strasbourg	0.39	38	eSg	Pg	13 11 16.4	0.0	13	11	12.9
MOF	Molkenrain	0.47	204	eP	Pg	13 11 12.9	+0.1	13	11	12.9
MOF				eSg	Pg	13 11 12.9	+0.1	13	11	12.9
KIZ	Kirchzarten	0.47	133	I/P	Pg	13 11 11.8	-0.9	13	11	11.1
KIZ				/S	Pg	13 11 13.1		13	11	11.1
KIZ				S	Pg	13 11 21.9	+2.7	13	11	11.1
KIZ	Kirchzarten	0.47	133	Pg	Pg	13 11 11.1	+0.3	13	11	11.8
KIZ				/S	Pg	13 11 11.8	-0.9	13	11	11.8
KIZ				eP	Pg	13 11 13.1	0.0	13	11	11.8
KIZ				Sg	Pg	13 11 17.5	-1.6	13	11	11.8
KIZ				Sms	Pg	13 11 21.9		13	11	11.8
KIZ	Kirchzarten	0.47	133	Pg	Pg	13 11 11.8	-1.0	13	11	11.8
KIZ				/S	Pg	13 11 17.5	-1.6	13	11	11.8
FELD	Feldberg	0.57	135	eP	Pg	13 11 17.7	-1.0	13	11	17.7
FELD				eSg	Pg	13 11 14.7	+0.1	13	11	17.7
FELD	Feldberg	0.57	135	eP	Pg	13 11 17.2	-1.1	13	11	17.2
FELD				eSg	Pg	13 11 21.2	-1.1	13	11	17.2
HINF	Hinterfall	0.60	219	eP	Pg	13 11 14.7	-0.5	13	11	14.7
HINF				eSg	Pg	13 11 16.4	-1.0	13	11	14.7
HINF				ePn	Pg	13 11 22.7	-0.6	13	11	14.7

212nm,0.2s

BFO	Black Forest	0.62	85	I/P	Pb	13 11 14.4	-1.2	13	11	21.8
BFO				/S	Pb	13 11 21.8	-2.1	13	11	21.8
BFO				S	Pb	13 11 25.2	+1.3	13	11	21.8
BFO	Black Forest	0.62	85	eP	Pg	13 11 15.7	+0.1	13	11	21.8
BFO				eSg	Pg	13 11 25.2	+1.3	13	11	21.8
BFO				Sms	Pg	13 11 25.2	+1.3	13	11	21.8
BFO	Black Forest	0.62	85	eP	Pg	13 11 15.7	+0.1	13	11	21.8
BFO				eSg	Pg	13 11 21.9	-2.0	13	11	21.8
BFO				ePn	Pg	13 11 18.5	+0.2	13	11	21.8
LANF	Langenberg	0.75	20	I/P	Pg	13 11 18.5	+0.2	13	11	18.5
LANF				/S	Pg	13 11 29.9	+0.6	13	11	18.5
LANF	Langenberg	0.75	20	eP	Pg	13 11 18.5	+0.2	13	11	18.5
LANF				eSg	Pg	13 11 18.3	-0.2	13	11	18.5
HAU	Haudompre	0.76	249	eP	Pg	13 11 19.3	-0.5	13	11	18.5
HAU				eSg	Pg	13 11 28.5	-0.3	13	11	18.5

275nm,0.3s

BBS	Basel-Blauen	0.82	175	P	Pb	13 11 19.1	0.0	13	11	19.1
BBS				eP	Pg	13 11 20.0	+0.4	13	11	19.1
BBS				eSg	Pg	13 11 31.1	+0.5	13	11	19.1
BBS	Basel-Blauen	0.82	175	Pg	Pg	13 11 19.8	+0.2	13	11	19.1
BBS				/S	Pg	13 11 30.6	0.0	13	11	19.1
SULZ	Sulz-Cheisache	0.89	148	eP	Pg	13 11 19.2	-0.2	13	11	19.1
SULZ				eSg	Pg	13 11 31.7	-1.3	13	11	19.1
SLE	Schleitheim	0.89	125	eP	Pg	13 11 19.8	-1.3	13	11	19.1
SLE				eSg	Pg	13 11 31.1	-1.9	13	11	19.1
BOURR	Bourrignon	0.90	188	eP	Pg	13 11 21.1	-0.1	13	11	19.1
BOURR				eSg	Pg	13 11 33.0	+0.6	13	11	19.1
SPAK	Spaichingen	0.94	100	Pg	Pb	13 11 21.2	+0.1	13	11	21.2
SPAK				eP	Pg	13 11 21.2	-0.9	13	11	21.2
SPAK	Spaichingen	0.94	100	eP	Pg	13 11 22.3	+0.9	13	11	21.2
THEF	They Montfort	0.95	267	P	Pb	13 11 22.3	+0.9	13	11	21.2
THEF				eP	Pg	13 11 35.5	+0.5	13	11	21.2
THEF	They Montfort	0.95	267	Pg	Pg	13 11 21.9	-0.4	13	11	21.2
THEF				Sg	Pg	13 11 35.5	+0.4	13	11	21.2
BALST	Balsthal	0.96	168	ePn	Pg	13 11 21.5	-1.2	13	11	21.2
BALST				eSg	Pg	13 11 34.6	-1.8	13	11	21.2
LBG	Lerchenberg	1.00	67	P	Sb	13 11 22.8	-0.1	13	11	21.2
LBG				S	Sb	13 11 35.5	+0.4	13	11	21.2
LOMF	Lomont	1.01	203	Pg	Pg	13 11 22.8	-0.6	13	11	21.2
LOMF				eP	Pg	13 11 36.8	-0.1	13	11	21.2
LOMF	Lomont	1.01	203	I/P	Pg	13 11 23.0	+0.7	13	11	21.2
LOMF				/S	Pg	13 11 23.0	-0.4	13	11	21.2
LOMF				eP	Pg	13 11 36.5	-0.4	13	11	21.2
KTD	Kalmit	1.13	23	eP	Pg	13 11 25.1	-0.8	13	11	24.9
KTD				Pg	Pg	13 11 24.9	-1.0	13	11	24.9
TUBL	Tuebingen Lnz	1.14	77	Sg	Pg	13 11 39.5	+0.3	13	11	38.5
GUT	Gutenstein	1.16	100	S	Sb	13 11 38.5	-1.3	13	11	23.9
GUT				Pn	Pg	13 11 23.9	-1.6	13	11	25.0
GUT				Pg	Pg	13 11 25.0	-1.4	13	11	25.0
GUT				Sg	Pg	13 11 38.5	-2.9	13	11	40.2
GUT	Gutenstein	1.16	100	Sg	Pg	13 11 40.2	-1.8	13	11	25.0
GUT				S	Pg	13 11 25.0	-1.4	13	11	25.0
GUT				Pn	Pg	13 11 38.5	-2.9	13	11	25.0
GUT				S	Pg	13 11 38.5	-2.9	13	11	25.0
GUT				Sg	Pg	13 11 47.0	-2.4	13	11	25.0
SIBS	Singen-Sch Ber	1.20	119	P	Sb	13 11 25.8	+0.2	13	11	24.9
SIBS				S	Sb	13 11 41.4	+0.4	13	11	28.6
STU	Stuttgart	1.28	67	eP	Pg	13 11 28.6	-0.3	13	11	43.5
STU				eSg	Pg	13 11 43.5	-2.6	13	11	28.6
STU	Stuttgart	1.28	67	eP	Pg	13 11 28.6	-0.3	13	11	28.6
STU				eSg	Pg	13 11 43.5	-2.6	13	11	28.6
BUCH	Bad Urach	1.31	82	eP	Pb	13 11 26.0	-1.4	13	11	42.0
BUCH				S	Sb	13 11 42.0	-2.1	13	11	44.7
BUCH	Bad Urach	1.31	82	Pn	Pg	13 11 26.0	-1.5	13	11	27.5
BUCH				Pg	Pg	13 11 27.5	-1.8	13	11	44.7
BUCH										

3d 14h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like YKA, YKA, YKA, DBIC, DBIC, ARCES, BRTR, BRTR, FINES.

IDC 03 13:56:59.7.1.34.65N:73.55E, mb4.0/6, mb1 4.1/9, mb1mx3.9/22, mbmt4.0/9, ML3.7/3, Error ellipse: s-maj=31.5km s-min=23.1km az=100.0

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

2005 NOV

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

56

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

ATH 03 14:10:34.3, 38.09N-26.57E, h34km, 5km, MD3.3/3 ISK 03 14:10:35.1, 38.15N-26.67E, h19km, MD3.0 CSEM 03 14:10:35.0, 1.38.15N-26.69E, h20km, MD3.0, Error ellipse: s-maj=2.5km s-min=1.6km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PHWY Pilot Hill, RW05 Rawlins, BW06 Boulder Array, PDAR Piedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKTO Aktyubinsk, ZAL Zalesovo, NVS Novosibirsk, JOF Joensuu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KOZR Kozyr, SDRR Sredinnyy, ZLN Zelenaya, LIGNR Loginova, etc.

MOS 03 16:13:50.8-0.3, 73N, 73.27E, h11km, mb4.5/5, Error ellipse: s-maj=18.4km s-min=19.1km az=32.4

ATH 03 17:12:29.4, 38.10N-26.44E, h21km, MD3.4/3 ISK 03 17:12:31.0, 38.09N-26.73E, h15km, MD3.2

MAJO Matushiro 19.38 229 eP P 18 00 48.5 -0.5 MAJO Matushiro 19.38 229 eP P 18 00 48.5 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CEP Cherat, THW Thamme Wali, JMU Jammu, SARP Sargodha, etc.

MAN 03 17:19:03.1, 10.03N-126.00E, h12km, mb4.3, ML3.1, MS2.9, Philippine Islands region

MAJO Matushiro 19.38 229 eP P 18 00 48.5 -0.5 MAJO Matushiro 19.38 229 eP P 18 00 50.0 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URLA Izmir, BLCB Balçova, SMG Samos, etc.

BUI 03 17:56:30.4, 51.20N-156.10E, h125km, mb4.5, mb4.5 KRSC 03 17:56:30.7, 51.50, 68N-156.89E, h111km, 5km, ML4.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matushiro Arr, MJAR Matushiro Arr, CN2 Changchun, etc.

MOS 03 17:56:31.9, 1.1, 51.18N-156.08E, h138km, mb3.9/19, Error ellipse: s-maj=11.8km s-min=6.7km az=73.6

NEIC 03 17:56:32.4, 0.5, 51.19N-156.07E, mb4.3/11, Error ellipse: s-maj=12.2km s-min=7.3km az=142.0

ILAR Eielson Array 31.96 43 P P 18 02 45.5 -0.7 ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7

ISC 03 17:56:31.0-0.4, 51.04N-156.20E, h139km, 3km, h134km, 6.0km; p-P, n120, c125/135, mb4.1/36, 1C-2D, Kamchatka Peninsula

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, ALID Alaid, PAU Pauzhetka, etc.

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

ILAR Eielson Array 31.96 43 P P 18 02 45.6 -0.7 ILAR Eielson Array 31.96 43 P P 18 03 12.2 -4.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOF Joensuu, KAF Kangasniemi, FINES FINESS Array B, NB2 NORARS Subarray, etc.

NDI 03 19:09:37.9s.1.34.60N:73.10E,h10km,ML3.3
NMC 03 19:09:43.5s.2.0.35.44N:71.88E,mpv3.6,Error ellipse:
s-maj=71.8km s-min=19.9km az=86.0

ISC 03 19:09:32.8s.0.6.34.76N:0.04s.73.10E,0.07,h10km,n14,
r1522/19,3C-1D,Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, SARP Sargodha, etc.

NEIC 03 19:13:53.8s.2.32.59S:68.93W,h2km,ML3.0(GUC),After
GUC

GUC 03 19:13:53.8s.0.7.32.59S:68.93W,h2km,11km,MD3.7,
ML3.0,4D,Mendoza Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDZ Mendoza, MDZ MDZ, ZON Zonda, etc.

MEX 03 19:25:53.1s.0.7.15.27N:94.40W,h16km,11km,MD4.1,
Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG Huatulco, CMIG Matias Romero, SCX San Cristobal, etc.

CASC 03 19:41:25.2s.2.0.13.01N:88.94W,h68km,38km,MD3.5,
ML3.5,2C-2D,EI,Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNVI San Vicente, LCBS La Ceiba, VSM San Miguel, etc.

ATH 03 19:58:07.9s.38.20N:26.69E,h30km,MD3.2/3
ISK 03 19:58:08.3s.38.11N:26.67E,h9km,MD3.4
CSEM 03 19:58:09.2s.0.1.38.11N:26.72E,h15km,MD3.4,Error
ellipse: s-maj=3.9km s-min=2.5km az=104.0

ISC 03 19:58:08.0s.0.9.38.15N:0.04s.26.59E,0.05,h4km,7km,
n20,r1505/30,Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URLA Izmir, BLCB Balcova, SMG Samos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYDN Tasuluk, AYDN AYDN, AKS Akhisar, etc.

MOS 03 20:16:43.8s.1.3.36.22N:71.56E,h33km,mb4.7/28,Error
ellipse: s-maj=8.4km s-min=4.9km az=102.5

BUI 03 20:16:46.7s.36.41N:71.36E,h63km,mb4.8,mb4.7,ML4.7,
Ms4.3,Ms2.5

NEIC 03 20:16:46.1s.0.8.36.29N:71.59E,h36km,8km,mb4.5/24,
Error ellipse: s-maj=9.0km s-min=4.5km az=50.0

IDC 03 20:16:50.4s.9.36.29N:71.74E,h75km,43km,mb4.0/16,
mb1.4/2/19,mb1mx1/2/24,mb1mp4/4/19,ML4.7/3,MS3.6/3,
Ms1.3/6/3,ms1mx3/1/31,Error ellipse: s-maj=19.4km
s-min=15.1km az=176.0

NMC 03 20:16:58.5s.2.7.36.96N:71.04E,h131km,32km,mpv4.8,
Error ellipse: s-maj=29.2km s-min=11.9km az=32.0

ISC 03 20:16:49.4s.0.4.36.31N:0.02s.71.66E,0.03,h85km,5km,
n190,r1930/212,mb4.4/5/1,20C-16D,
Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP Cherat, CEC Chirah Chowk, THW Thamme Wali, etc.

DRP Derazinda 4.71 195 P P 20 18 00.6 +1.1

THN Thein Dam 5.11 138 eS S 20 19 04.2 +0.9

AML Almayay Sar 6.03 15 P P 20 18 18.7 +1.1

BHK Bhakra 6.28 140 ex x 20 18 46.4

BHK Uchter 6.31 20 P P 20 19 22.6 +1.0

KZA Kyzart 6.40 25 P P 20 18 24.1 +1.3

SDNR Sundarnagar 6.51 136 eP P 20 18 25.0 +0.6

SDNR Erkin-Say 6.55 14 eS S 20 18 25.9 +0.9

AAK Ala-Archa 6.69 18 P P 20 18 28.0 +1.2

AAK Ala-Archa 6.69 18 P P 20 18 28.3 +1.5

AAK Karagaybulak 6.83 21 P P 20 18 30.3 +1.5

KK31 Karatay Array 6.85 353 P P 20 18 28.4 +0.7

KK31 Karatay Array 6.85 353 P P 20 18 28.4 +0.7

KKAR Karatay Array 6.85 353 eP Pmax 20 18 28.3 +0.7

SMLA Simia 6.90 137 eP P 20 18 28.8 -1.0

SMLA Simia 6.90 137 eS S 20 19 45.5 -1.9

FRU Bishkek 6.91 18 eP P 20 18 32.0 +2.1

FRU Ulahol 6.91 30 P P 20 18 31.0 +1.1

CHMS Chumysh 7.10 19 P P 20 18 33.2 +0.8

KLP Kalpa 7.25 129 eS S 20 18 35.0 +0.4

KLP Kalpa 7.25 129 eS S 20 19 51.7 +4.3

KLP Kalpa 7.25 129 eS S 20 20 01.9

TKM2 Tokmak 2 7.27 23 P P 20 18 35.4 +0.6

USP Oспенovka 7.29 17 P P 20 18 35.2 +0.1

DDI Dehra Dun 8.01 136 eP P 20 18 45.0 +0.1

DDI Dehra Dun 8.01 136 ex x 20 20 16.0

NDI New Delhi 8.93 147 eP P 20 18 58.0 +0.6

NDI New Delhi 8.93 147 eS S 20 20 31.0 -6.2

AYAN Aya Nagar 9.06 148 eS S 20 18 59.4 +0.6

KUDL Kundal 9.10 152 eP P 20 18 59.1 -0.6

KUDL Kundal 9.10 152 ex x 20 20 32.1

SONA Sohna 9.25 149 eP P 20 19 01.8 +0.1

PTH Pithoragarh 9.85 131 ex x 20 19 12.3

PTH Pithoragarh 9.85 131 ex x 20 21 04.9

AJM Ajmer 10.12 165 eP P 20 19 07.8 -4.8

BHJ Bhuj 13.12 188 eP P 20 19 52.0 -1.6

MK02 Makanchi Array 13.13 34 P P 20 19 53.2 -0.5

MK31 Makanchi Array 13.14 34 P P 20 19 53.2 -0.6

MKAR Makanchi Array 13.14 34 P P 20 19 53.3 -1.5

MKAR Makanchi Array 13.14 34 eP P 20 19 53.2 -0.6

KOLN Koldanda 13.22 127 eP P 20 19 52.6 -2.2

KOLN Koldanda 13.22 127 eS S 20 22 11.9 -8.2

GKN Gorkha 13.75 123 eP P 20 19 59.7 -2.0

GKN Gorkha 13.75 123 eS S 20 22 23.4 -9.2

BHPL Bhopal 13.94 157 eP P 20 20 01.6 -2.6

BHPL Bhopal 13.94 157 eP P 20 20 21.0

BHPL Bhopal 13.94 157 ex x 20 22 31.4

ALLAHABAD Allahabad 13.99 139 ex x 20 22 39.5

DMN Daman 14.32 123 eP P 20 20 07.4 -1.7

DMN Daman 14.32 123 eS S 20 22 38.6 -7.6

KKN Kakani 14.32 123 eP P 20 20 07.3 -1.8

KKN Kakani 14.32 123 eS S 20 22 38.1 -8.1

WMQ Urumqi 14.38 54 P P 20 20 08.4 -1.3

WMQ Urumqi 14.38 54 P P 20 22 43.2 -4.2

WMQ Urumqi 14.38 54 P P 20 25 21.2 -0.2

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

comp=Z,68nm,0.9s

comp=Z,2.0nm,0.8s,baz=228,slow=36,SNR=72

comp=Z,2.7nm,1.4s,baz=173,slow=24,SNR=4.3

comp=Z,2.0nm,0.8s

comp=Z,2.6nm,0.3s,baz=159,slow=12,SNR=69

comp=Z,0.3nm,0.3s,baz=167,slow=19,SNR=4.5

comp=Z,3.0nm,0.3s

comp=Z,1.1nm,0.8s

comp=Z,1.1nm,0.8s

comp=Z,5.6nm,0.9s

comp=Z,5.6nm,1.1s

comp=Z,4.9nm,0.3s,baz=140,slow=11,SNR=69

comp=Z,1.0nm,0.3s,baz=248,slow=19,SNR=4.0

comp=Z,5.0nm,0.3s

comp=Z,5.2nm,0.7s

comp=Z,1.1nm,0.7s

comp=Z,1.9nm,0.9s

comp=Z,1.9nm,0.9s

comp=Z,1.1nm,0.3s

comp=Z,9.0nm,0.3s

comp=Z,60nm,1.0s

comp=N,52nm,1.1s

comp=E,12nm,1.0s

comp=N,19nm,1.6s

comp=E,14nm,1.8s

comp=E,31nm,0.6s,mb4.6,baz=51,slow=2.2,SNR=44

comp=E,137nm,0.9s,mb5.3

comp=Z,93nm,1.2s

comp=Z,100nm,10.0s

comp=Z,30nm,0.8s,mb4.7

comp=Z,9.5nm,0.8s,mb4.2

comp=Z,8.0nm,0.8s,mb4.1

comp=Z,15nm,0.7s,mb4.4

comp=Z,5.0nm,0.8s,mb4.9

comp=Z,23nm,0.6s,mb4.7

comp=Z,236nm,0.9s

comp=Z,137nm,0.8s

comp=Z,30nm,0.7s

comp=Z,220nm,5.6s

comp=Z,153nm,1.0s

comp=Z,78nm,0.6s

comp=Z,34nm,0.9s

comp=Z,34nm,0.9s

comp=Z,220nm,21.0s

comp=Z,2.2nm,1.3s,mb4.4

comp=Z,5.0nm,0.8s,mb4.9

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

comp=Z,40nm,4.8s

3d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK, HILLS, SONM, KAMS, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO, DJAR, DAG, BILL, etc.

62

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBN, KWP, AAK, SUW, etc.

GKN	Gorkha	21.79 341 eP	P	21 13 46.7 -0.3
KOLN	Koldanda	21.92 339 eP	P	21 13 48.9 +0.5
LSA	Lhasa	22.26 357 eP	P	21 13 55.9 +4.1
LSA	Lhasa	22.26 357 eP	P	21 13 53.9 +2.2
LSA	Guiyang	23.41 341 iP	P	21 14 01.1
ENH	Enshi	27.94 33 P	P	21 14 44.3 -1.3
BLZ	Lanzhou	30.50 19 eP	P	21 15 13.0 +4.6
LZH			AP	21 15 20.1 +5.0
LZH			XP	21 15 23.4 +5.3
LZH			AMB	
GTA	Gaotai	32.63 11 eP	P	21 15 27.6 +0.5
GTA			AP	21 15 33.9 +0.1
GTA			XP	21 15 37.2 +0.4
GTA			AMB	
GTA			LR	
GTA			LR	
GTA			LR	
GTA			LR	
WMQ	Urumqi	36.55 354 iP	P	21 16 02.3 +1.6
WMQ			AP	21 16 09.8 +2.3
WMQ			XP	21 16 13.3 +3.0
WMQ			PP	21 16 16.5 +3.3
WMQ			eS	21 16 19.7 +3.6
WMQ			XS	21 16 22.9 +3.9
WMQ			AMB	
WMQ			AMB	
WMQ			LR	
WMQ			LR	
WMQ			LR	
AAK	Ala-Archa	38.49 339 eP	P	21 16 17.0 0.0
AAK	Ala-Archa	38.49 339 eP	P	21 16 17.0 0.0
AAK			pmax	
AAK			pmax	
MKAR	Makanchi Array	40.23 349 P	P	21 16 31.3 0.0
MKAR			pp	21 16 38.0 -0.2
MKAR			pp	21 16 38.0 -0.2
KKAR	Karatay Array	40.44 335 eP	P	21 16 34.2 +1.1
KKAR			pmax	
KKAR			pmax	
FITZ	Fitzroy Crossi	41.51 128 eP	P	21 16 42.3 +0.1
FITZ			e	21 16 48.8 -0.2
FITZ			P	21 16 42.3 +0.1
FITZ			pp	21 16 48.8 -0.4
FITZ			LR	21 36 17.6
SONM	Songino Array	42.10 14 P	P	21 16 46.7 +0.1
SONM			pp	21 16 53.2 -0.3
SONM			pp	21 16 53.2 -0.3
SONM			LR	21 36 39.4
ZAK	Zakamensk	43.87 10 eP	P	21 17 06.6 +5.6
ZAK			pmax	
ZAK			pmax	
KURK	Kurchatov	44.70 348 eP	P	21 17 07.4 -0.5
KURK	Kurchatov	44.70 348 eP	P	21 17 09.0 +1.2
ZAL	Zalesovo	46.85 354 P	P	21 17 24.1 -0.7
ZAL			pp	21 17 31.1 -0.5
NVS	Novosibirsk	47.92 353 eP	P	21 17 30.9 -2.3
BVA0	Borovoye Array	48.92 343 iP	P	21 17 40.9 0.0
BVA0			pmax	
BVA0			pmax	
BVAR	Borovoye Array	48.92 343 P	P	21 17 40.6 -0.3
BVAR			pp	21 17 47.2 -0.7
BVAR			pp	21 17 47.2 -0.7
CHKZ	Chkalovo	49.42 343 eP	P	21 17 44.2 -0.6
CHKZ	Chkalovo	49.42 343 eP	P	21 17 44.2 -0.6
CHKZ			pmax	
CHKZ			pmax	
WRA	Warramunga Arr	49.47 124 P	P	21 17 44.7 -0.8
WRA			pp	21 17 51.8 -0.7
WRA			pp	21 17 51.8 -0.7
WRAB	Tennant Creek	49.47 124 eP	P	21 17 44.0 -1.6
WRAB			pp	21 17 51.6 -1.0
WRAB			pp	21 17 51.6 -1.0
WRAB			pmax	
WRAB			pmax	
WB2	Warramunga Arr	49.48 124 eP	P	21 17 45.3 -0.4
WB2			e	21 17 51.9 -0.7
AB31	Akbulak array	49.84 333 eP	P	21 17 48.2 +0.2
AB31			pmax	
ARU	Arti	55.68 338 iP	P	21 18 30.9 -0.5
ARU			pmax	
ARU			pmax	
ARU			MLR	
YAK	Yakutsk	61.08 19 iP	P	21 19 13.8 +4.7
YAK			pmax	
STKA	Stephens Creek	61.08 133 P	P	21 19 08.2 -1.4
STKA			pp	21 19 16.1 -0.6
STKA			pp	21 19 16.1 -0.6
STKA			P	21 19 09.3 -0.2
BRTR	Keskin Array B	61.39 311 P	P	21 19 10.4 -1.1
TIXI	Tiksi	68.11 12 iP	P	21 19 53.6 -1.0
TIXI			pmax	
TIXI			pmax	
FINES	FINESS Array B	72.33 333 P	P	21 20 18.8 -1.6
FINES			pp	21 20 26.1 -1.4
FINES			pp	21 20 26.1 -1.4
CASY	Casey	74.64 172 eP	P	21 20 35.4 +1.7
CASY			pp	21 20 41.5 +0.6
CASY			pp	21 20 36.6 -0.0
GERES	GERESS Array B	77.00 318 P	P	21 20 46.9 -0.5
GERES			pp	21 20 54.9 +0.2
GERES			pp	21 20 54.9 +0.2
MAW	Mawson	77.66 191 P	P	21 20 52.5 +1.8
LPG	La Plagne	81.69 315 eP	P	21 21 12.5 -0.3
LPG	La Plagne	81.69 315 eP	P	21 21 12.5 -0.3
LPG			pmax	
LPG			pmax	
ILAR	Eielson Array	95.92 22 P	P	21 22 20.3 -0.4
ILAR			pp	21 22 27.8 -0.2
ILAR			pp	21 22 27.8 -0.2
NVAR	Mina Array Bea	126.30 PKP	PKP	21 27 59.4 -1.1
NVAR			pp	21 28 06.2
NVAR			pp	21 28 06.2
NVAR			pp	21 27 59.4 -1.1
NVAR			pp	21 28 06.2
NVAR			pp	21 27 59.4 -1.1
PDAR	Pinedale Array	126.30 20 PKP	PKP	21 28 28.0
PDAR			pp	21 28 28.0
PDAR			pp	21 28 28.0
TXAR	Lajitas Array	140.43 22 PKIP	PKIP	21 28 28.0
TXAR			pp	21 28 34.2
TXAR			pp	21 28 34.2
TXAR			pp	21 28 34.2

ATH 03 21:15:07.8, 38.15N-26.58E, h28km, 3km, MD3.3/4
 NEIC 03 21:15:07.0, 38.07N-26.72E, h5km, MD3.4(ISK), MD3.3(ATH), After ISK.
 ISK 03 21:15:08.6, 38.12N-26.78E, h10km, MD3.3
 CSEM 03 21:15:08.5, 0.1, 38.11N-26.80E, h10km, MD3.3, Error ellipse: s-maj=3.0km s-min=1.3km az=82.0
 ISC 03 21:15:07.5, 0.9, 38.15N-0.03, 26.68E-0.04, h2km-6km, n31, e089/41, 1C, Aegean Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
URLA	Izmir	0.22 343	iP	Pg	21 15 11.7 -0.2	
URLA			iS	Sg	21 15 15.1 +0.3	
BLBC	Balcova	0.37 51	iP	Pg	21 15 14.4 +0.5	
SMG	Samos	0.46 164	iP	Pb	21 15 18.1 +0.1	
SMG			eSb	Sb	21 15 25.6 +0.5	
IZM	Izmir	0.52 62	iP	Pg	21 15 18.2 +0.2	
IZM			iSg	Sg	21 15 25.7 +0.7	
KDAG	Bornova	0.53 62	iP	Pg	21 15 17.2 -0.9	
KDAG			iS	Sg	21 15 23.4 -1.8	
AYDN	Tasoluk	1.07 117	iP	Pb	21 15 29.5 +1.0	
AYDN			iS	Sb	21 15 42.0 0.0	
PRK	Paraskevi	1.14 344	ePN	Pn	21 15 29.1 -1.3	
PRK			eSN	Pn	21 15 44.7 -2.1	
AKS	Akhisar	1.15 51	PN	Pn	21 15 30.3 -0.3	
BODT	Bodrum	1.20 155	PN	Pn	21 15 30.8 -0.5	
BODT			SN	Pn	21 15 47.1 -1.3	
MLSB	Milas	1.22 134	ePN	Pn	21 15 30.9 -0.7	
BDRM	Kayabasi	1.25 150	iP	Pb	21 15 31.3 -0.1	
BDRM			iS	Sb	21 15 40.0 +0.7	
APR	Apeiranthos	1.41 220	PN	Pn	21 15 35.7 +1.2	
APR			SN	Pn	21 15 54.9 +1.1	
APR	Apeiranthos	1.41 220	ePN	Pn	21 15 36.8 +0.7	
MANT	Manisa	1.52 77	iP	Sb	21 15 56.1 +0.3	
MANT			iS	Sb	21 15 56.1 +0.3	
DAT	Datca	1.59 153	PN	Pn	21 15 36.3 -1.2	
YER	Yerkesik	1.63 128	PN	Pn	21 15 39.9 +1.6	
EZM	Ezine	1.69 351	PN	Pn	21 15 39.9 +1.6	
BALB	Balkesir	1.76 32	PN	Pn	21 15 40.7 -1.1	
DENT	Denizli	1.91 101	PN	Pn	21 15 40.7 -0.7	
DALT	Dalyan (Mudla)	2.08 131	ePN	Pn	21 15 42.9 -1.0	
LIA	Limnos Island	2.10 327	ePN	Pn	21 15 42.9 -1.2	
LPK	Lapseki	2.22 2	ePN	Pn	21 15 46.9 +1.0	
EDC	Edincik	2.38 22	ePN	Pn	21 15 48.8 +0.7	
ALIT	Alitas	2.84 70	ePN	Pn	21 15 47.7 +0.2	
KCT	Karacabey	2.48 31	ePN	Pn	21 15 50.3 +0.7	
MRMT	Marmara Adasi	2.55 16	ePN	Pn	21 15 51.4 +0.8	
ORLT	Orhaneli	2.56 42	ePN	Pn	21 15 51.3 +0.5	
MFT	Murette	2.67 10	ePN	Pn	21 15 53.1 +0.7	
NIKT	Nikotina	2.76 32	ePN	Pn	21 15 53.1 +0.7	
RDO	Rodhopi	3.12 344	ePN	Pn	21 15 57.4 -1.3	
YLV	Yalova	3.19 40	ePN	Pn	21 16 00.2 +0.5	

NEIC 03 21:24:57.1, 53.35N-167.35W, h15km, ML3.7(AEIC), After AEIC, Fox Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OKCD	Okmok Cone D	0.47 280	P	Pb	21 25 06.0 -0.4	
OKCD			S	Pb	21 25 13.3 +0.4	
OKCE	Okmok Cone E	0.50 279	P	Pb	21 25 06.7 -0.3	
MGOD	Makushin Gods	0.52 32	P	Pb	21 25 06.2 -1.3	
MOIR	Makushin Cirqu	0.66 24	P	Pb	21 25 09.3 -0.4	
MNAT	Makushin Natee	0.66 36	P	Pb	21 25 18.1 -1.1	
MNAT			Sb	Pb	21 25 18.1 -0.4	
UNV	Unalaska Valle	0.70 45	P	Sb	21 25 09.2 -1.3	
UNV			S	Pb	21 25 19.1 -0.7	
MTBL	Makushin Table	0.73 32	P	Pb	21 25 10.2 -0.9	
NIKO	Nikolski	0.98 248	S	Pb	21 25 13.2 -2.2	
NIKO			Sb	Pb	21 25 28.8 -1.2	
LVA	Lava Point	1.12 43	P	Pb	21 25 16.6 -1.1	
AKLV	Akutan Long Va	1.16 45	P	Pb	21 25 16.8 -1.5	
AKLV			S	Pb	21 25 32.6 -0.3	
AHB	Akutan Harbor	1.19 49	P	Pb	21 25 16.9 -1.9	
AKUT	Akutan	1.22 49	P	Pb	21 25 17.4 -2.0	
AKUT			S	Pb	21 25 33.7 -1.0	
WFAR	Faris Peak	1.93 51	P	Pn	21 25 28.4 -1.4	
WPOG	Pogromni	1.98 50	P	Pn	21 25 29.2 -1.3	
WESN	West Dahl Nort	2.04 52	P	Pn	21 25 30.1 -1.3	
DOOL	Dolgol Island	3.68 59	P	Pn	21 25 52.9 -1.9	
SPIA	Saint Paul Isl	4.18 338	P	Pn	21 26 00.0 -1.8	
ATKA	Atka Island	4.32 257	P	Pn	21 26 02.4 -1.5	
ADK	Adak	5.88 259	P	Pn	21 26 24.6 -1.2	

IDC 03 21:30:04.6, 0.5, 4.69N-95.09E, mb4.6/20, mb1 4.7/20, mb1mx4.6/24, mb1mp4.6/20, MS4.0/9, Ms1 4.0/9, ms1mx3.8/19, Error ellipse: s-maj=16.5km s-min=13.9km az=62.0
 MOS 03 21:30:09.6, 0.9, 4.76N-95.22E, h47km, mb5.1/29, Error ellipse: s-maj=12.1km s-min=5.6km az=115.9
 BJJ 03 21:30:11.5, 4.56N-95.09E, h78km, mb4.9, mb4.9, Ms4.4, Ms4.2
 NEIC 03 21:30:13.3, 0.2, 4.72N-95.17E, mb4.8/31, Error ellipse: s-maj=6.4km s-min=4.6km az=211.0
 ISC 03 21:30:11.7, 0.3, 4.66N-0.04, 95.15E-0.03, h67km, h67km±1.3km, pp-P, n211, e1902/211, mb4.7/85, 28C-11D,

Northern Sumatra

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
PKT	Phuket	4.55 41	eP	P	21 31 31.0 +1.1	
KULM	Kulim	5.52 83	ePN	P	21 31 32.4 -0.6	
KULM			eSN	P	21 32 35.0 -0.9	
SNG	Songkhla	5.99 65	P	P	21 31 40.0 +0.5	
NNT	Nongplab	9.09 30	P	P	21 32 23.5 +1.1	
NST	Nakhon Sawan	11.99 24	P	P	21 33 00.3 +1.2	
KKTK	Khon Kaen	13.84 32	P	P	21 33 30.0 +3.8	
CHG	Chiang Mai	14.55 14	P	P	21 33 40.6 +5.1	
PKL	Pallekele	14.60 81	ePN	P	21 33 34.6 -1.5	
KSM	Kuching	15.46 101	ePN	P	21 34 02.7 +2.1	
VIS	Vishakhapatnam	17.39 319	eP	P	21 34 09.4 -2.1	
VIS			AMB	AMB	21 34 18.0	
VIS			AMB	AMB	21 37 05.1	
QIZ	Qiongzong	20.24 44	pp	P	21 35 45.3 +1.3	
QIZ			PP	PP	21 35 05.0 -0.7	
QIZ			eS	LR	21 38 24.6 +2.3	
QIZ			LR	LR		
QIZ			LR	LR		
HYB	Hyderabad	20.62 309	iP	P	21 34 48.0 +0.2	
HYB			eS			

DL2	Uchtor	41.69 337	P	P	21 37 56.7 +1.3
DL2	Dalian	41.71 32	P	P	21 37 56.8 +1.2
DL2			XP	S	21 38 22.2 +1.8
DL2			eS	S	21 44 07.4 +0.1
DL2			AMB	AMB	
DL2	comp=Z,30nm,0.6s,mb5.2				
DL2	comp=N,90nm,14.4s		LR	LR	
DL2	comp=E,110nm,14.6s		LR	LR	
DL2	comp=Z,260nm,14.7s		LR	LR	
TKM2	Tokmak 2	41.87 338	P	P	21 37 57.9 +1.1
KBK	Karagaybulak	41.88 338	P	P	21 37 58.6 +1.7
AML	Almayashu	41.93 336	P	P	21 37 59.0 +1.6
AAK	Ala-Archa	42.04 337	P	P	21 37 59.7 +1.5
AAK	Ala-Archa	42.04 337	eP	P	21 37 58.4 +0.2
AAK	Ala-Archa	42.04 337	P	P	21 37 59.3 +1.1
FRU	Bishkek	42.16 337	eP	P	21 38 01.0 +1.8
CHMS	Chumysh	42.25 338	P	P	21 38 01.1 +1.1
EKS2	Erkin-Say	42.34 336	P	P	21 38 02.1 +1.4
USP	Ospenovka	42.58 338	P	P	21 38 03.4 +0.8
NWAO	Narogin (SRO)	42.85 152	P	P	21 38 04.7 -0.4
MKAR	Makanchi Array	43.43 347	P	P	21 38 08.9 -0.6
MKAR	comp=Z,11nm,0.6s,mb4.8,baz=169,slow=6.9,SNR=82		LR	LR	21 58 39.9
JNU	Nakatsue	43.71 45	P	P	21 38 12.7 +0.6
KKAR	Kararay Array	44.07 334	iP	P	21 38 15.2 +0.4
SONM	Songino Array	44.09 11	P	P	21 38 13.6 -1.3
SONM	comp=Z,2.8nm,0.8s,mb4.0,baz=195,slow=6.9,SNR=9.3		PcP	PcP	21 40 00.0 +0.4
SONM	comp=Z,2.6nm,0.5s,baz=185,slow=6,SNR=5.2		LR	LR	21 58 16.0
KS15	Wonju Array Si	44.26 38	P	P	21 38 16.4 0.0
WRA	Warrungang Arr	45.62 124	eP	P	21 38 27.3 -0.2
WRAB	Tennant Creek	45.62 124	eP	P	21 38 27.2 -0.2
WB2	Warrungang Arr	45.62 124	eP	P	21 38 27.4 -0.1
ZAK	Zakamensk	46.08 7	eP	P	21 38 23.3 -7.4
ASPA	Alice Springs	47.12 128	eP	P	21 38 38.9 -0.3
CN2	Changchun	47.26 30	eAP	P	21 38 55.7 -1.4
CN2			eS	S	21 45 28.1 +0.9
CN2	comp=Z,20nm,0.8s,mb4.9		AMB	AMB	
CN2	comp=Z,70nm,3.0s		LR	LR	
CN2	comp=N,180nm,15.0s		LR	LR	
CN2	comp=E,190nm,15.0s		LR	LR	
KURK	Kurchatov	47.95 346	eP	P	21 38 45.2 -0.2
KURK	comp=Z,13nm,0.6s,mb4.9		eP	P	21 38 53.9 -0.4
HIA	Hailar	49.11 21	eP	P	21 38 53.9 -0.4
HIA	Hailar	49.11 21	eP	P	21 38 53.9 -0.4
ZAL	Zalesovo	49.85 352	P	P	21 38 59.4 -0.6
MDJ	Mudanjiang	49.95 32	P	P	21 38 59.9 -1.0
MDJ	comp=Z,10.0nm,1.3s,mb4.6		AMB	AMB	
MDJ	comp=N,100nm,20.0s		LR	LR	
MDJ	comp=E,140nm,16.0s		LR	LR	
MDJ	comp=Z,190nm,17.1s		P	P	21 38 59.7 -1.2
VLA	Vladivostok	50.23 35	iP	P	21 39 03.6 +0.6
MJAR	Matsushiro Arr	50.63 45	P	P	21 39 06.4 +0.2
MJAR	comp=Z,1.2nm,0.6s,mb4.1,baz=241,slow=8.4,SNR=6.7		LR	LR	22 03 47.9
VOSK	Vostochnaya	51.89 342	P	P	21 39 14.9 -0.6
BVA0	Borovoye Array	52.34 341	iP	P	21 39 17.8 -1.0
BRVK	Borovoye	52.40 341	eP	P	21 39 18.2 -1.1
BRVK	Borovoye	52.40 341	eP	P	21 39 18.2 -1.1
CHKZ	Chkalovo	52.82 342	P	P	21 39 21.8 -0.7
CHKZ	Chkalovo	52.82 342	P	P	21 39 21.8 -0.6
AB31	Akbulak array	53.52 332	iP	P	21 39 27.0 -0.7
KLR	Kul'dur	54.16 29	eP	P	21 39 31.6 -0.8
BOD	Bodaibo	55.05 12	eP	P	21 39 36.7 -2.0
AKTO	Aktyubinsk	55.24 332	P	P	21 39 38.6 -1.6
STKA	Stephens Creek	57.19 133	LR	LR	22 03 22.9
STKA	Stephens Creek	57.19 133	eP	P	21 39 52.5 -1.8
GNI	Garni	57.40 315	P	P	21 39 55.0 -0.8
GNI	Garni	57.40 315	P	P	21 39 53.8 -1.9
GNI	Garni	57.40 315	eP	P	21 39 55.1 -0.7
YSS	Yuzh-Sakhalins	58.73 36	P	P	21 40 03.5 -1.4
YSS	Yuzh-Sakhalins	58.73 36	eP	P	21 40 05.0 +0.1
YSS	comp=Z,22nm,1.3s,mb5.0		MLR	MLR	
YSS	comp=Z,100nm,24.0s		P	P	21 40 04.4 -2.9
ARU	Arti	59.23 337	P	P	21 40 06.8 -1.4
ARU	Arti	59.23 337	iP	P	21 40 25.2 -0.6
ARU	Arti	59.23 337	eP	P	21 40 07.1 -1.1
ARU	Arti	59.23 337	eP	P	21 40 24.6 -1.3
ARU	Arti	59.23 337	eS	S	21 40 49.4
ARU	Arti	59.23 337	eS	S	21 48 10.1 +1.0
ARU	Arti	59.23 337	eS	S	21 52 05.4 -0.7
KIV	Kislovodsk	60.37 319	P	P	21 40 14.4 -1.8
KIV	Kislovodsk	60.37 319	eP	P	21 40 15.2 -1.0
KIV	Kislovodsk	60.37 319	eS	S	21 48 25.6 +1.6

GOF	Gafitskoye	60.61 320	eP	P	21 40 12.9 -5.0
YAK	Yakutsk	62.73 171	eP	P	21 40 29.8 -2.0
YAK	comp=Z,19nm,1.0s,mb5.0		pmx	pmx	
VRHR	Novokhopernsk	64.14 326	eP	P	21 40 39.7 -1.5
VRHR	comp=Z,40nm,0.7s,mb5.4		pmx	pmx	
VRHR	comp=N,20nm,0.8s		pmx	pmx	
VRHR	comp=E,20nm,0.8s		pmx	pmx	
BR131	Keskin Array S	65.29 312	P	P	21 40 47.8 -1.1
BR131			eP	P	21 41 03.2 -3.7
BRTR	Keskin Array B	65.29 312	P	P	21 40 47.8 -1.1
OBN	Obninsk	68.62 328	P	P	21 41 08.6 -0.9
OBN	Obninsk	68.62 328	iP	P	21 41 08.6 -0.9
OBN	Obninsk	68.62 328	eS	S	21 43 41.2
OBN	Obninsk	68.62 328	eS	S	21 50 05.8 +0.2
OBN	comp=Z,13nm,0.7s,mb4.9		MLR	MLR	
MA2	Magadan	69.15 27	iP	P	21 41 12.5 -0.3
MA2	comp=Z,99nm,1.3s,mb5.5		pmx	pmx	
LSZ	Lusaka	69.18 252	P	P	21 41 14.4 +0.7
KLMR	Klimovskoe	69.77 334	iP	P	21 41 15.4 -1.1
KLMR	comp=Z,60nm,2.8s,mb4.9		pmx	pmx	
MATP	Matopo	69.97 246	P	P	21 41 19.1 +0.7
MATP	comp=Z,1.2nm,0.5s,mb4.0,baz=92,slow=8.3,SNR=4.5		P	P	21 41 16.7 -2.1
TIXI	Tiksi	70.18 11	P	P	21 41 17.0 -1.8
TIXI	Tiksi	70.18 11	eP	P	21 41 17.0 -1.8
TIXI	comp=Z,18nm,0.8s,mb5.0		MLR	MLR	
TIRX	Tirgusor	70.23 316	iP	P	21 41 19.3 -0.3
PET	Petropavlovsk	70.56 35	eP	P	21 41 25.2 +3.8
PET	comp=Z,100nm,20.0s		MLR	MLR	
CFR	Carcaliu	70.59 316	iP	P	21 41 20.4 -1.4
CFR	Carcaliu	70.59 316	iP	P	21 41 20.4 -1.4
HARR	Harsova	70.62 316	iP	P	21 41 20.3 -1.6
HARR	Harsova	70.62 316	iP	P	21 41 20.3 -1.6
AKASG	Malin Array Be	71.29 322	P	P	21 41 24.4 -1.4
AKASG	Malin Array B	71.29 322	P	P	21 41 24.3 -1.5
AKASG	comp=Z,6.8nm,0.5s,mb4.7,baz=92,slow=5.6,SNR=37		pmx	pmx	
AKASG	comp=Z,7.0nm,0.5s		pmx	pmx	
VRI	Vrincioia	71.71 317	iP	P	21 41 28.9 +0.5
BURAR	Bucovina Array	73.10 318	iP	P	21 41 37.6 +1.0
BURAR	Bucovina Array	73.10 318	iP	P	21 41 37.6 +1.0
LBTB	Lobatse	73.62 242	eP	P	21 41 41.0 +0.9
LBTB	Lobatse	73.62 242	eP	P	21 41 41.0 +0.9
LBTB	comp=Z,7.0nm,0.8s,mb4.4		pmx	pmx	
JOF	Joensuu	74.17 335	eP	P	21 41 42.3 -0.2
JOF	comp=Z,11nm,0.8s,mb4.6		LR	LR	22 14 21.8
DZM	Mont Dzumak	74.55 114	LR	LR	22 14 21.8
DZM	comp=Z,1.9nm,2.1s,baz=199,slow=6.6		LR	LR	22 09 19.4
BOSA	Boshof	74.76 239	P	P	21 41 47.2 +0.6
BOSA	comp=Z,4.5nm,0.7s,mb4.3,baz=62,slow=7.6,SNR=9.6		LR	LR	22 09 19.4
BOSA	comp=Z,135nm,19.0s,baz=262,slow=36		LR	LR	22 09 19.4
KWP	Kalwaria	75.12 320	eP	P	21 41 49.1 +0.9
KWP	Kalwaria	75.12 320	eP	P	21 41 49.1 +0.8
APA	Apaitiy	75.19 340	iP	P	21 41 47.7 -0.7
APA	comp=Z,1.4nm,0.7s,mb4.8		pmx	pmx	
KOLS	Kolonice sedl	75.28 319	eP	P	21 41 49.9 +0.7
MAW	Mawson	75.61 192	P	P	21 41 52.0 +1.3
MAW	comp=Z,2.1nm,0.8s,mb3.9,baz=11,slow=12,SNR=3.5		LR	LR	22 08 29.6
MAW	comp=Z,164nm,20.9s,baz=25,slow=30		LR	LR	22 08 29.6
SUW	Suwali	75.69 325	eP	P	21 41 51.1 -0.3
SUW	comp=Z,7.0nm,0.8s,mb4.4		eP	P	21 42 09.5 -0.3
CRVS	Cervencia-Dubn	75.80 319	eP	P	21 41 52.5 +0.3
FINES	FINES Array B	76.01 322	eP	P	21 41 52.8 -0.3
FINES	comp=Z,7.0nm,0.8s,mb4.5,baz=101,slow=5.6,SNR=5.2		P	P	21 41 54.7 +1.3
STHS	Stebnicka Huta	76.02 320	eP	P	21 42 13.0 +1.1
STHS	comp=Z,9.8nm,0.9s,mb4.5		eP	P	21 41 53.3 -0.3
KAF	Kangasniemi	76.09 333	eP	P	21 41 53.3 -0.3
KAF	Kangasniemi	76.09 333	eP	P	21 41 53.3 -0.3
KAF	comp=Z,10.0nm,0.9s,mb4.5		eP	P	21 41 55.1 -0.3
KECS	Kecovo	76.37 319	eP	P	21 42 14.3 +0.4
PSZ	Piszkesteto	76.68 318	P	P	21 41 57.5 +0.3
PSZ	Piszkesteto	76.68 318	P	P	21 41 57.5 +0.3
PSZ	comp=Z,6.5nm,0.8s,mb4.4		P	P	21 42 16.9 +1.3
PSZ	comp=Z,7.0nm,0.8s,mb4.4		P	P	21 42 16.9 +1.3
OJC	Ojcow	77.07 319	eP	P	21 41 59.7 +0.4
OJC	Ojcow	77.07 319	eP	P	21 42 14.0 +3.7
NYHS	Yvhne	77.46 320	eP	P	21 42 01.7 +0.2
OKC	Ostrava-Krasne	78.08 320	eP	P	21 42 05.7 +0.6
KEV	Kevo	78.19 341	eP	P	21 42 04.8 -0.3
KEV	Kevo	78.19 341	eP	P	21 42 04.8 -0.3
KEV	comp=Z,16nm,0.9s,mb4.7		pmx	pmx	
MORC	Moravsky Berou	78.46 320	P	P	21 42 07.6 +0.6
MORC	MORC	78.46 320	P	P	21 42 23.8 -1.6
ZST	Bratislava	78.58 318	eP	P	21 42 08.3 +0.6
ZST	ZST	78.58 318	eP	P	21 42 26.7 +0.6
ARCES	ARCES Array B	78.61 340	P	P	21 42 07.3 -0.1
ARCES	comp=Z,4.5nm,0.5s,mb4.6,baz=90,slow=5.4,SNR=4.2		LR	LR	22 20 11.0
BILL	Bilbino	78.70 21	iP	P	21 42 07.8 -0.1
BILL	comp=Z,6.0nm,0.8s,mb4.5		pmx	pmx	
BILL	comp=Z,300nm,23.0s		MLR	MLR	
DPC	Dobruska-Polom	79.30 320	eP	P	21 42 12.5 +0.9
ARSA	Arzberg	79.55 317	iP	P	21 42 13.2 +0.2
ARSA	comp=Z,9.5nm,1.2s,mb4.5		P	P	21 42 13.2 +0.2
ARSA	Arzberg	79.55 317	iP	P	21 42 13.2 +0.2
BOJS	Bojanci	79.61 315	eP	P	21 42 13.6 +0.2
BOJS	BOJS	79.61 315	eP	P	21 42 31.1 -0.8
PERP	Perpance	79.79 316	eP	P	21 42 14.7 +0.4
PKDK	Poduk	79.83 316	eP	P	21 42 14.8 +0.3
LJU	Ljubljana	80.16 316	eP	P	21 42 16.9 +0.6
FRUJ	Fruljonec	80.41 320	eP	P	21 42 43.4 -0.1
VOJS	Vojsko	80.60 316	eP	P	21 42 18.5 -0.1
BRG	Berggiesshubel	80.86 321	eP	P	21 42 20.5 +0.7
BRG	Berggiesshubel	80.86 321	eP	P	21 42 39.5 +1.1
BRG	Berggiesshubel	80.86 321	eP	P	21 42 20.5 +0.6
BRG	Berggiesshubel	80.86 321	eP	P	21 42 39.5 +1.1
BRG	comp=Z,3.0nm,0.6s,mb4.3		pmx	pmx	
GERES	GERES Array B	80.88 319	P	P	21 42 21.0 +1.0
GERES	comp=Z,3.1nm,0.7s,mb4.2,baz=104,slow=5.4,SNR=30		P	P	21 42 21.0 +1.0
KHC	Kasperske Hory	80.88 319	eP	P	21 42 16.0 -4.6
KHC	Kasperske Hory	80.88 319	eP	P	21 42 16.0 -4.6
KHC	KHC	80.88 319	eP	P	21 42 21.0
PTCC	Patocco-Chiusa	80.99 316	P	P	21 42 21.4 +0.7
ARV	Arcevia	81.16 313	P	P	21 42 22.4 +0.8
ARV	comp=Z,9.9nm,0.7s,mb4.8		P	P	21 42 22.4 +0.8
FSSB	Foscombene	81.29 31			

Error ellipse: s-maj=9.7km s-min=8.1km az=88.0
GUC 04 01:28:19.7,0.4,23.66S:67.06W,h203km,gkm,ML4.6
ISC 04 01:28:16.3,0.6,23.41S:66.71W,0.07,h194km,gkm,
n24,r1523/32,mb3.4/5,2C,Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like San Pedro de A Los Morros, Cerro Paranal, La Paz, etc.

STR 04 02:00:26.1,0.3,45.08N:6.63E,h5km,1km,ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 04 02:00:26.1,45.05N:6.56E,h6km,ML2.5(GEN), ML2.4(LDG),ML2.3(STR),After,ML2.5

CSEM 04 02:00:26.3,0.1,45.05N:6.66E,h8km,ML2.4/14, Error ellipse: s-maj=1.6km s-min=1.0km az=57.0

GEN 04 02:00:26.1,45.05N:6.59E,h6km,ML2.0, LDG 04 02:00:27.4,0.1,45.07N:6.59E,h2km,ML2.5/3,ML2.4/17, Error ellipse: s-maj=2.7km s-min=1.7km az=70.0

ISC 04 02:00:25.4,0.2,45.06N:0.01x6.56E:0.02,h10km,2km, n67,r1516/119,France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Bardonecchia, Cesana Torines, Grand Maison, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Imperia, La Forest Royal, Pian Castagno, etc.

IDC 04 02:04:16.9,8.0,23.48S:179.86E,h508km,96km,mb3.1/4, mb1.3/5,mb1mx3.3/13,mbtmp4.1/5, Error ellipse: s-maj=52.2km s-min=31.1km az=9.0

NEIC 04 02:04:19.1,3.0,23.70S:179.95E,h542km,33km,mb3.8/1, Error ellipse: s-maj=29.0km s-min=23.3km az=50.0

ISC 04 02:04:18.2,3.6,23.65S:0.1x179.9E:0.2,h541km,43km, n11,r1506/11,mb3.7/5,2C,South of Fiji Islands

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

NDI 04 02:22:45.9,4.9,34.85N:72.86E,h10km,ML3.6, mb3.4(NEIC)

MOS 04 02:22:46.8,1.2,34.50N:73.21E,h10km,mb4.3/8, Error ellipse: s-maj=18.3km s-min=6.9km az=98.5

IDC 04 02:22:47.8,1.0,34.60N:73.25E,mb4.0/7,mb1.4,1/10, mb1mx3.9/21,mbtmp4.0/10,ML3.8/3,MS3.1/1,MS1.3/1,1, mb1mx2.5/20, Error ellipse: s-maj=30.6km s-min=20.4km az=76.0

NEIC 04 02:22:48.9,0.6,34.51N:73.19E,h10km,mb3.4/6, Error ellipse: s-maj=15.0km s-min=5.4km az=54.0

NINC 04 02:22:59.6,1.8,35.07N:72.37E,h39km,14km,mpv4.0, Error ellipse: s-maj=16.7km s-min=15.0km az=89.0

ISC 04 02:22:49.7,1.8,34.62N:0.04x73.36E:0.09,h26km,15km, n60,r1521/80,mb3.9/8,MS2.9/1,7C-2D,Pakistan

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

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

ATH 04 02:23:49.3,40.15N:19.49E,h17km,5km,MD3.4/6

SKO 04 02:23:49.3,40.05N:19.56E

NEIC 04 02:23:49.3,40.15N:19.49E,h17km,MD3.4(ATH),After ATH

CSEM 04 02:23:50.8,0.3,40.13N:19.58E,h2km,MD3.4, Error ellipse: s-maj=6.8km s-min=2.9km az=93.0

THE 04 02:23:51.7,40.03N:19.42E,h2km,ML3.2

TIR 04 02:23:51.8,40.15N:19.89E,h5km

ISC 04 02:23:50.7,0.9,40.09N:0.03x19.58E:0.07,h10km,n23, r1513/38,Albania

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

ISK 04 02:36:56.5,38.14N:26.66E,h6km,MD3.4

ATH 04 02:36:56.5,38.12N:26.84E,h2km,MD3.3/3

CSEM 04 02:36:56.7,0.2,38.15N:26.69E,h6km,1km,MD3.4, Error ellipse: s-maj=2.2km s-min=1.5km az=91.0

4d 4h

ISC 04 02:36:56.7-0.7, 38.17N-0.02-26.64E-0.04, h2km, 5km, n30, c0563/40, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IZMIR, BALCOVA, SAMOS, etc.

IDC 04 02:39:51.0-3.8, 39.09N-72.79E, mb3.8/2, mb1 3.8/5, mb1mx3.5/2.1, mbtmp3.7/5, ML3.4/3, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AMLAYSHU, UCHTOR, ERKIN-SAY, etc.

ISC 04 02:39:54.2-2.1, 39.22N-0.1-72.4E-0.1, h61km, 19km, n25, c0596/28, mb3.7/2, 4C-2D, Kyrgyzstan

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AMLAYSHU, UCHTOR, ERKIN-SAY, AAK, AAK, AAK, etc.

ISC 04 02:42:51.0, 38.16N-26.52E, h10km, MD3.6 NEIC 04 02:42:51.0, 38.16N-26.52E, h11km, MD3.6(ISK), MD3.6(ATH), After ISK

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IZMIR, BALCOVA, SAMOS, etc.

2005 NOV

Table with columns: MANT, DAT, EZN, YER, BAL, DEN, LIA, LOS, etc. Lists stations and their coordinates.

ISC 04 02:47:52.5, 38.16N-26.58E, h6km, MD3.5 NEIC 04 02:47:52.0, 38.14N-26.55E, h5km, MD3.5(ISK), MD3.5(ATH), After ISK

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IZMIR, BALCOVA, SAMOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IZMIR, BALCOVA, SAMOS, etc.

IDC 04 02:55:25.3-1.1, 21.17S-169.84E, mb4.0/2, mb1 4.1/3, mb1mx3.9/12, mbtmp4.0/3, ML3.8/1, MS3.2/4, M1 3/2/4, ms1mx3.0/21, Error ellipse: s-maj=120.6km s-min=36.4km az=150.0

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

ISC 04 02:55:29.2-1.1, 22.12S-170.05E, h35km, Error ellipse: s-maj=40.3km s-min=16.9km az=196.0

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

70

ISC 04 03:54:46.1-0.6, 34.42N-0.03-4.89W-0.07, h10km, n17, c1547/32, Morocco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TAZEKA, TOUZARINE, COL DE ZAD, etc.

IGQ 04 03:59:31.1, 2.53S-77.14W, h136km, 15km, mb4.0, 2C-5D, Peru-Ecuador border region

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

IDC 04 04:57:15.0-1.6, 24.17S-67.11W, h153km, 14km, mb3.7/8, mb1 3.9/12, mb1mx3.8/17, mbtmp4.1/12, Error ellipse: s-maj=20.0km s-min=10.7km az=86.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SAN PEDRO DE A, etc.

ISC 04 04:57:14.9-0.5, 24.16S-0.04-67.09W-0.05, h169km, 5km, n49, c1252/17, mb4.0/23, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SAN PEDRO DE A, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TXAR, WKO, WCI, MNTX, ANMO, CBKS, SDCO, VVDA, PDAR, ULM, ELK, NVAR, HLID, BOSA, BOW, MAW, LBTB, FCC, CASY, YKA, WRA, ZAL, MKAR, SONM.

NIED 04 05:06:00, 43.20N, 146.00E, h68km, Mw4.0 Best double couple: M1.09x10^15 N P1.78x77, 889, 1.91. NP2:az214, 31, 1.47

JMA 04 05:06:15.6, 0.1, 43.22N, 146.01E, h45km, 1km, M3.6 ISC 04 05:06:15.7, 2.1, 43.20N, 146.01E, 0.1, h42km, 1.4km, n7, 0.936/14, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NEM2, JAK, JRA, JNK, JKB, JOB, JAR, JTRK.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMIG, OXX, VHO, HUIG.

IDC 04 05:27:06.0, 4.7, 2.36S, 179.66W, h364km, 53km, mb3.6/5, mb1 3.7/6, mb1mx3.5/14, mbtmp4.3/6, Error ellipse: s-maj=32.5km s-min=18.2km az=169.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ, RAR, RPZ, CTA, PMG, WRA, KAKA, FITZ, MBWA, NVAR, TXAR, BRTR.

ISK 04 05:50:07.7, 38.07N, 26.75E, h4km, MD3.5 ATH 04 05:50:07.4, 38.09N, 26.34E, h13km, 1km, MD3.3/4 NEIC 04 05:50:07.0, 38.05N, 26.76E, h5km, MD3.5(ISK)

CSEM 04 05:08:14.0, 19.04N, 26.70E, h12km, MD3.5, Error ellipse: s-maj=3.5km s-min=1.4km az=65.0 ISC 04 05:07:08.0, 38.12N, 0.02-26.66E, 0.04, h1km, 5km, n41, 0.502/73, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URLA, BLCB, SMG, IZM, KDAG, AYDN, PRK, AKS, BODT.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BODT, AYVA, MLBS, BDRM, GDFM, APE, MANT, DAT, YER, EZN, BALB, DENT, LIA, DST, LPH, KRA, EDC, BNT, FET, KCT, MRMT, ORLT, MUR, ALT, RDO, BCK, YLV, HIR, BADT, ESKT, EDRB, MDU.

MEX 04 05:59:19.7, 0.6, 15.79N, 94.36W, h17km, 11km, MD3.9, 1D, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMIG, HUIG, SCX, CCG, OXX, VHO.

ISK 04 06:39:18.2, 38.12N, 26.69E, h11km, MD3.5 ATH 04 06:39:18.5, 38.12N, 26.55E, h29km, 5km, MD3.7/4 NEIC 04 06:39:18.0, 38.13N, 26.69E, h10km, MD3.7(ATH), MD3.5(ISK), After ISK

CSEM 04 06:39:18.0, 4.0, 1.3, 38.13N, 26.71E, h12km, MD3.5, Error ellipse: s-maj=1.7km s-min=1.3km az=99.0 ISC 04 06:39:17.2, 0.7, 38.13N, 0.02-26.61E, 0.04, h2km, 5km, n49, 0.873/36, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URLA, BLCB, ELB, SMG, IZM, KDAG, PRK, BODT, AKS, MLBS, APE, APE, DAT, YER, EZN, BALB, DENT, SANT, SAHT, LIA, DST, LPH, KHL, GDZ, BNT, FET, MRMT, RKY, SART, ORLT, MUR, ULDT, ULDT, ALT, ISP, RDO, YLV, SAHT, ISK, HRT, ESKT, EDRB, MMB, MDU, KKB, ANTO, ANTO, VTS, BR131, BR131, BR131.

ISC 04 06:42:02.1, 1.7, 4.5N, 0.3-94.8E, 0.2, h30km, n6, 0.935/6, mb3.9/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URLA, BLCB, SMG, IZM, KDAG, AYDN, PRK, AKS, BODT, CMIG, HUIG, SCX, CCG, OXX, VHO, HUIG, URLA, BLCB, ELB, SMG, IZM, KDAG, PRK, BODT, AKS, MLBS, APE, APE, DAT, YER, EZN, BALB, DENT, SANT, SAHT, LIA, DST, LPH, KHL, GDZ, BNT, FET, MRMT, RKY, SART, ORLT, MUR, ULDT, ULDT, ALT, ISP, RDO, YLV, SAHT, ISK, HRT, ESKT, EDRB, MMB, MDU, KKB, ANTO, ANTO, VTS, BR131, BR131, BR131.

ISC 04 06:43:59.1, 3.1, 4.39N, 94.69E, mb3.8/4, mb1 3.9/4, mb1mx3.6/18, mbtmp3.8/4, Error ellipse: s-maj=170.8km s-min=27.4km az=52.0 NEIC 04 06:44:03.9, 1.2, 4.47N, 94.80E, h30km, mb4.1/1, Error ellipse: s-maj=33.8km s-min=13.2km az=210.0 ISC 04 06:44:02.1, 1.7, 4.5N, 0.3-94.8E, 0.2, h30km, n6, 0.935/6, mb3.9/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URLA, BLCB, SMG, IZM, KDAG, AYDN, PRK, AKS, BODT, CMIG, HUIG, SCX, CCG, OXX, VHO, HUIG, URLA, BLCB, SMG, IZM, KDAG, PRK, BODT, AKS, MLBS, APE, APE, DAT, YER, EZN, BALB, DENT, SANT, SAHT, LIA, DST, LPH, KHL, GDZ, BNT, FET, MRMT, RKY, SART, ORLT, MUR, ULDT, ULDT, ALT, ISP, RDO, YLV, SAHT, ISK, HRT, ESKT, EDRB, MMB, MDU, KKB, ANTO, ANTO, VTS, BR131, BR131, BR131.

NNC 04 06:47:02.1, 3.4, 34.90N, 71.43E, mpv3.9, Error ellipse: s-maj=1492.5km s-min=36.3km az=85.0 NDI 04 06:47:04.8, 1.4, 34.54N, 74.47E, h10km, ML3.1 ISC 04 06:46:56.8, 0.8, 35.10N, 0.07-74.7E, 0.2, h33km, n10, 0.1946/16, 1C, Northwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JMU, DLH, DLH, THN, BHK, SMLA, KLP, KLP, KHET, KHET, comp-N, 4.9nm, 0.1s, KHET, KUDL, SONA, SONA, comp-E, 26nm, 0.3s, SONA, comp-N, 1.1nm, 0.4s, KK31, KK31, comp-N, 5.9nm, 0.7s, bazz=169, slow=13, SNR=29, KK31, comp-N, 2.7nm, 0.7s, bazz=179, slow=28, SNR=9.7

IDC 04 07:30:55.0, 3.2, 24.61S, 179.94E, h484km, 32km, mb3.7/5, mb1 3.8/6, mb1mx3.5/14, mbtmp4.5/6, Error ellipse: s-maj=31.0km s-min=24.8km az=20.0 NEIC 04 07:30:57.2, 2.4, 25.24, 75x179.86E, h522km, 25km, mb4.1/4, Error ellipse: s-maj=25.6km s-min=17.1km az=220.0 ISC 04 07:30:56.5, 3.8, 25.6, 0.2-179.8E, 0.2, h522km, 40km, n16, 0.936/16, mb4.1/7, 3C, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ, URZ, RPZ, CTA, CTAO, STKA, WRAB, WRA, WRA, VNA, MBWA, CASY, SNA, SNA, VNA, VNA, TXAR, BRTR.

MEX 04 07:32:38.1, 1.1, 18.41N, 102.21W, h16km, 16km, MD4.0, Michoacan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZIIG, ZIIG, MOIG, MOIG, SFJM, CAIG, PLIG, PLIG, ACJ, CUM, YAIG, YAIG.

NNC 04 07:42:12.4, 3.1, 35.34N, 72.40E, mpv3.3, Error ellipse: s-maj=37.1km s-min=15.9km az=116.0 NDI 04 07:42:17.6, 3.1, 34.96N, 73.86E, h134km, 81km, ML3.9 ISC 04 07:42:05.4, 0.6, 34.93N, 0.06-75.2E, 0.1, h33km, n10, 0.085/15, 2C, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DLH, DLH, SMLA, SMLA, KLP, KLP, KLP, KHET, KHET, SONA, AAK, KK31, KK31, AGRA, AGRA, AGRA, comp-E, 2.11nm, 0.1s, AGRA, comp-N, 25.1nm, 0.1s, AB31, AKTO.

OMAN 04 07:43:10.0, 33.86N, 46.65E, h35km, Error ellipse: s-maj=93.3km s-min=10.6km az=325.0 THR 04 07:43:36.0, 1.2, 32.69N, 48.46E, h36km, 8km, ML3.6 CSEM 04 07:43:36.0, 0.1, 32.52N, 48.07E, h45km, ML3.6, Error ellipse: s-maj=2.7km s-min=1.7km az=111.0 TEH 04 07:43:37.0, 32.61N, 48.16E, h10km, Mn4.1 NEIC 04 07:43:37.0, 32.61N, 48.16E, h10km, ML4.1(TEH), After TEH

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SHGR, IKOM, VUS, IPIR, ASAO, ASAO.

MAT		eS	S	11 50 01.0	+12
MAT	comp=Z,24nm,0.9s	pmax	pmax		
MJAR	Matsushiro Arr	13.21 237	Pn	11 47 18.7	-3.4
MJAR	comp=Z,0.7nm,0.3s,baz=32,slow=13,SNR=36	S	P	11 49 48.5	0.0
KLR	comp=Z,0.5nm,0.3s,baz=24,slow=24,SNR=3.7	eP	P	11 47 37.3	-1.4
KLR	Kul'dur	14.49 295	eP	11 47 37.5	
KLR	comp=Z,4µm,13.0s	AMS	AMS	11 56 30.0	
KLR	Kul'dur	14.49 295	eP	11 47 37.3	-1.4
VLA	Vladivostok	14.53 271	eP	11 47 35.0	-4.2
VLA	comp=Z,75nm,1.5s	MLR	MLR		
JHJ	comp=Z,600nm,14.4s				
JHJ	Hachijo jima 2	14.91 223	Pn	11 47 47.2	+3.0
MA2	comp=Z,10nm,0.3s,baz=190,slow=7.0,SNR=5.4	ePn	P	11 47 43.8	-0.4
MA2	Magadan	14.92 358	ePn	11 47 44.3	+0.1
MA2	Magadan	14.92 358	eS	11 50 29.0	+0.3
MA2	comp=Z,20nm,1.1s	pmax	pmax		
MA2	comp=Z,600nm,18.0s	MLR	MLR		
EKMR	Ekimchan	15.00 311	eP	11 47 43.4	-1.9
EKMR	comp=Z,23nm,0.6s	AMB	AMB	11 48 01.5	
MDJ	Mudanjiang	15.89 278	P	11 47 54.2	-2.6
MDJ	comp=Z,28nm,18.1s,baz=275,slow=39	AP	P	11 47 59.9	
MDJ	Attu Island-F	16.17 52	eP	11 48 08.6	-1.2
MDJ	Seymchan	18.27 1	iP	11 50 47.5	-3.9
MDJ	ZEA	18.41 308	eP		
MDJ	comp=Z,70nm,1.1s	AMB	AMB		
MDJ	comp=Z,60nm,1.1s	AMB	AMB		
MDJ	comp=Z,100nm,1.1s	AMB	AMB		
MDJ	comp=Z,400nm,6.0s	AMB	AMB		
MDJ	comp=Z,300nm,5.0s	eS	S	11 51 48.0	-0.6
MDJ	comp=Z,400nm,13.0s	AMS	AMS	11 51 52.0	
MDJ	comp=Z,1µm,13.0s	AMS	AMS	11 57 26.0	
MDJ	comp=Z,1µm,13.0s	AMS	AMS	11 57 26.0	
KROS	Kirovskiy	18.80 310	eP	11 48 30.9	-2.0
KROS	comp=Z,21nm,0.6s	AMB	AMB	11 48 34.9	
KROS	comp=Z,31nm,0.6s	AMB	AMB	11 48 34.9	
CN2	Changchun	18.97 277	iP	11 48 31.9	-3.1
CN2	comp=Z,40nm,0.8s	AMB	AMB		
CN2	comp=Z,260nm,7.0s	AMB	AMB		
CN2	comp=N,960nm,15.0s	LR	LR		
CN2	comp=E,770nm,15.0s	LR	LR		
CN2	comp=Z,720nm,16.0s	LR	LR		
KS15	Wonju Array Si	19.48 257	eP	11 48 39.3	-1.4
JNU	Nakatsue	19.99 242	P	11 48 46.7	+0.5
JNU	comp=Z,9.5nm,0.8s,baz=67,slow=13,SNR=11	S	P	11 52 30.9	+7.4
INCN	Inchon	20.33 258	P	11 48 48.3	-1.5
INCN	comp=Z,1.9nm,0.8s,baz=167,slow=14,SNR=1.7	P	P		
SNY	Shenyang	20.80 272	iP	11 48 53.2	-1.4
SNY	comp=Z,80nm,1.3s	AP	P	11 49 00.2	
SNY	comp=Z,190nm,14.7s	XP	P	11 49 05.4	+1.1
SNY	comp=N,460nm,13.8s	AMS	S	11 52 40.4	+1.1
SNY	comp=E,240nm,19.8s	AMB	AMB		
SNY	comp=Z,520nm,16.2s,MS4.0	LR	LR		
CLNS	Chul'man	20.81 315	eP	11 48 52.5	-2.1
CLNS	comp=Z,63nm,0.9s	ePPP	P	11 49 05.6	
CLNS	comp=N,29nm,1.1s	eS	SS	11 49 13.5	-1.3
CLNS	comp=E,26nm,1.0s	eS	SS	11 52 59.1	
CLNS	comp=N,15nm,1.0s	eS	SS	11 53 10.0	-2.6
CLNS	comp=Z,63nm,0.9s	pmax	pmax		
CLNS	comp=N,29nm,1.1s	pmax	pmax		
CLNS	comp=E,26nm,1.0s	smax	smax		
CLNS	comp=N,15nm,1.0s	smax	smax		
CLNS	comp=Z,8.0nm,1.0s	smx	smx		
CLNS	comp=E,31nm,1.3s	MLR	MLR		
CLNS	comp=N,200nm,12.0s,MS4.2	MLR	MLR		
CLNS	comp=E,600nm,12.0s,MS4.2	MLR	MLR		
CLNS	comp=Z,600nm,12.0s,MS4.2	MLR	MLR		
YAK	Yakutsk	21.66 331	eP	11 49 00.5	-2.6
YAK	comp=Z,162nm,0.7s,mb5.6	eP	S	11 52 54.8	-0.5
YAK	Yakutsk	21.66 331	iP	11 49 00.5	-2.6
YAK	comp=Z,124nm,0.8s,mb5.4	eP	pmax		
YAK	comp=Z,700nm,20.0s,MS4.1	MLR	MLR		
HIA	Hailar	22.33 293	eP	11 49 05.7	-4.1
HIA	comp=Z,37nm,1.1s,mb4.7	eP	P	11 49 05.7	-4.1
HIA	Hailar	22.33 293	eP	11 49 05.7	-4.1
DL2	Dalian	23.24 266	P	11 49 20.9	+2.2
DL2	comp=Z,40nm,1.0s,mb4.8	AMB	AMB		
DL2	comp=Z,280nm,8.0s	LR	LR		
DL2	comp=N,150nm,13.7s,MS3.8	LR	LR		
DL2	comp=E,200nm,14.2s,MS3.8	LR	LR		
DL2	comp=Z,260nm,16.2s,MS3.8	LR	LR		
BILL	Bilibino	24.58 13	eP	11 49 31.8	+0.3
BILL	comp=Z,52nm,1.0s,mb5.0	iP	P	11 49 31.8	+0.3
BILL	Bilibino	24.58 13	dIP	11 49 31.8	+0.3
BILL	comp=Z,41nm,1.0s,mb4.9	pmax	pmax		
BILL	comp=Z,1µm,20.0s,MS4.3	MLR	MLR		
JOW	Kunigami	25.05 235	P	11 49 45.1	-0.6

CIT	comp=Z,40nm,0.8s,mb5.0,baz=55,slow=9.0,SNR=13	eP	P	11 49 46.1	-1.6
CIT	Chita	26.29 300	eP	11 54 16.7	
CIT	comp=Z,142nm,1.6s,mb5.2	pmax	pmax		
BOD	Bodaibo	26.72 313	eP	11 49 48.5	-3.2
BOD	comp=Z,17nm,1.0s,mb4.5	eP	pmax		
SSE	Sheshan	27.62 251	P	11 49 56.9	-3.2
SSE	comp=Z,10.0nm,0.7s,mb4.5	AP	pP	11 50 07.9	-4.0
SSE	comp=Z,20nm,3.4s	XP	S	11 50 12.6	-4.6
SSE	comp=N,170nm,16.3s,MS3.8	S	S	11 54 34.8	-2.2
SSE	comp=E,130nm,16.1s,MS3.8	XS	S	11 54 53.8	
SSE	comp=Z,270nm,13.9s,MS4.0	SCP	AMB	11 56 51.8	
TIA	Tai'an	27.64 264	eP	11 50 00.9	+0.6
TIA	comp=Z,20nm,0.9s,mb4.8	AMB	P	11 50 07.0	-2.3
NJ2	Nanjing	28.64 255	eP	11 50 18.8	-2.1
NJ2	comp=Z,10.0nm,0.6s,mb4.7	AP	pP	11 50 23.9	-2.5
NJ2	comp=Z,280nm,5.2s	XP	pP	11 51 00.1	-2.4
NJ2	comp=N,370nm,18.4s,MS4.1	PP	S	11 54 50.0	-3.3
NJ2	comp=E,170nm,18.8s,MS4.1	S	S	11 55 11.0	
NJ2	comp=Z,460nm,19.9s,MS4.1	XS	AMB		
TIXI	Tiksi	29.23 345	c/P	11 50 11.4	-2.7
TIXI	comp=Z,31nm,1.7s,mb4.8	AMB	pmax		
HHC	Hu-ho-hao-te	29.66 277	eP	11 50 20.8	+2.5
HHC	comp=Z,30nm,0.7s,mb5.1	AP	pP	11 50 32.5	+2.4
HHC	comp=N,760nm,18.0s,MS4.5	XP	pP	11 50 38.0	-2.5
HHC	comp=E,650nm,17.0s,MS4.5	PCP	pP	11 53 20.9	-1.1
HHC	comp=Z,640nm,17.0s,MS4.3	SCP	ScS	11 56 58.2	
HHC	comp=Z,60nm,1.2s,mb5.3	PCP	ScS	11 57 03.1	
HHC	comp=Z,9.2nm,0.8s,mb4.8	PCP	AMB	12 00 52.4	-0.1
HHC	comp=Z,30nm,0.7s,mb5.1	AMB	AMB		
HHC	comp=N,760nm,18.0s,MS4.5	LR	LR		
HHC	comp=E,650nm,17.0s,MS4.5	LR	LR		
HHC	comp=Z,640nm,17.0s,MS4.3	LR	LR		
BTO	Baotou	30.84 277	eP	11 50 29.5	+0.7
BTO	comp=Z,60nm,1.2s,mb5.3	AMB	P	11 50 31.6	-1.0
SONM	Songrio Array	31.29 292	P	11 53 25.2	-1.0
SONM	comp=Z,7.5nm,0.8s,mb4.6,baz=68,slow=7.2,SNR=20	PcP	P	12 04 40.1	
SONM	comp=Z,2.5nm,0.6s,baz=123,slow=1.8,SNR=4.3	PcP	LR	11 50 31.6	-1.0
SONM	comp=Z,490nm,19.4s,MS4.2,baz=64,slow=39	LR	P	11 53 25.2	
SONM	Songrio Array	31.29 292	P	11 50 31.6	-1.0
SONM	comp=Z,8.0nm,0.8s	pmax	pmax		
SONM	comp=Z,490nm,19.4s	MLR	MLR		
WHN	Wuhan	32.64 257	P	11 50 45.6	+0.9
KDAK	Kodiak Island	35.06 49	P	11 51 11.8	-1.9
ENH	Enshi	36.21 261	eP	11 51 13.5	-1.7
ENH	comp=Z,9.2nm,0.8s,mb4.8	ePcP	PcP	11 53 39.4	-0.9
LZH	Lanzhou	37.16 274	eP	11 51 24.5	+1.4
LZH	comp=Z,30nm,1.3s,mb5.0	AP	pP	11 51 32.0	-3.2
LZH	comp=Z,90nm,5.6s	XP	pP	11 51 35.1	-5.6
LZH	comp=E,630nm,13.6s	PP	PP	11 52 48.0	-2.7
LZH	comp=Z,880nm,17.5s,MS4.6	eS	S	11 57 08.6	+2.5
LZH	comp=Z,66nm,1.2s,mb5.2	SS	SS	11 57 20.5	
LZH	comp=Z,30nm,1.3s,mb5.0	SS	SS	11 59 33.6	-4.6
LZH	comp=Z,90nm,5.6s	AMB	AMB		
LZH	comp=E,630nm,13.6s	LR	LR		
LZH	comp=Z,880nm,17.5s,MS4.6	LR	LR		
PMR	Palmer	37.67 42	eP	11 51 26.9	-0.2
PMR	comp=Z,500nm,17.0s,MS4.4	LR	LR		
PMR	comp=Z,66nm,1.2s,mb5.2	LR	LR		
PMR	comp=Z,500nm,17.0s,MS4.4	MLR	MLR		
PMR	comp=Z,66nm,1.2s,mb5.2	MLR	MLR		
MCK	McKinley	37.76 39	eP	11 51 27.4	-0.5
MCK	comp=Z,17nm,1.2s,mb4.6	ePcP	PcP	11 53 43.0	-1.7
MCK	comp=Z,17nm,1.2s,mb4.7	eP	P	11 51 27.5	-0.4
MCK	comp=Z,17nm,1.2s,mb4.7	eP	P	11 53 43.0	
SML	Sawmill	38.04 42	eP	11 51 29.9	-0.4
KRAR	Krasnoyarsk	38.19 309	eP	11 51 28.8	-2.8
KRAR	comp=Z,144nm,1.0s,mb5.7	ePPP	pP	11 51 39.8	-3.8
KRAR	comp=Z,400nm,16.7s,MS4.6	eS	pP	11 51 45.1	-4.0
KRAR	comp=Z,340nm,16.0s,MS4.3	eS	S	11 57 19.5	-2.1
COLA	College	38.27 37	eP	11 51 32.3	+0.2
COLA	comp=Z,52nm,1.1s,mb5.2	eP	P	11 51 32.1	0.0
COLA	College	38.27 37	d/P	11 51 35.6	+1.2
GTA	Gaotai	38.51 281	iP	11 53 08.7	+2.2
GTA	comp=Z,144nm,1.0s,mb5.7	PP	PP	11 53 47.4	+0.2
GTA	comp=Z,340nm,16.0s,MS4.3	PCP	PcP	11 57 24.9	-1.7
GTA	comp=Z,50nm,1.1s,mb5.2	S	AMB	11 57 31.9	
GTA	comp=Z,160nm,4.9s	AMB	AMB		
GTA	comp=N,600nm,16.4s,MS4.6	LR	LR		
GTA	comp=E,400nm,16.7s,MS4.6	LR	LR		
GTA	comp=Z,340nm,16.0s,MS4.3	LR	LR		
ILAR	Eielson Array	38.68 37	P	11 51 34.8	-0.8
ILAR	comp=Z,16nm,1.1s,mb4.7,baz=251,slow=7.3,SNR=62	PcP	PcP	11 53 44.7	-2.8
ILAR	comp=Z,3.3nm,0.6s,baz=277,slow=2.8,SNR=8.2	P	P	11 51 34.8	-0.7
ILAR	Eielson Array	38.68 37	P	11 53 44.7	
ILAR	comp=Z,16nm,1.1s	pmax	pmax		
DIV	Divide	39.31 43	eP	11 51 40.6	-0.1
CD2	Chengdu	39.91 267	eP	11 51 46.1	0.0
CD2	comp=Z,10.0nm,0.5s,mb4.8	AMB	AMB		
GYA	Gulyang	40.48 259	iP	11 51 51.1	+0.2
GYA	comp=Z,220nm,8.0s,mb4.9	PCP	PcP	11 53 54.0	+0.4
GYA	comp=Z,350nm,4.8s	AMB	AMB		
DAWY	Dawson	41.96 38	eP	11 52 02.9	+0.3
ZAL	Zalesovo	43.18 307	P	11 52 11.6	-1.1
ZAL	comp=Z,4.3nm,0.7s,mb4.3,baz=35,slow=7.2,SNR=17	PcP	PcP	11 54 01.5	-0.6
ZAL	comp=Z,4.9nm,0.7s,baz=39,slow=5.3,SNR=5.9	LR	LR	12 12 18.3	
ZAL	comp=Z,488nm,18.4s,MS4.4,baz=62,slow=39	P	P	11 52 11.6	-1.1
ZAL	Zalesovo	43.18 307	P	11 54 01.5	

ZAL	comp=Z,4.0nm,0.7s	MLR	MLR		
NVS	Novosibirsk	43.81 309	iP	11 52 15.9	-1.8
NVS	comp=E,30nm,1.6s	pmax	pmax		
INK	Inuvik	43.84 31	eP	11 52 17.8	0.0
INK	comp=Z,49nm,0.8s,mb5.3	eP	P	11 52 17.8	0.0
INK	comp=Z,49nm,0.8s	pmax	pmax		
KMI	Kunming	44.07 261	P	11 52 20.9	+0.7
KMI	comp=Z,10.0nm,1.1s,mb4.5	AP	pP	11 52 30.2	-0.4
KMI	comp=Z,210nm,16.7s,MS4.3	PP	PP	11 54 04.8	+0.1
KMI	comp=E,230nm,17.7s,MS4.3	PPP	PPP	11 54 41.9	-1.2
KMI	comp=Z,350nm,17.7s,MS4.3	XS	SS	11 58 47.8	-1.3
KMI	comp=Z,220nm,18.7s,MS4.1	SS	SSS	11 59 06.2	-2.6
KMI	comp=Z,25nm,0.8s,mb5.2,baz=70,slow=7.7,SNR=176	SSS	SSS	12 02 49.2	-5.5
KMI	comp=Z,25nm,0.8s,mb5.2,baz=70,slow=7.7,SNR=176	AMB	AMB		
KMI	comp=Z,3.2nm,0.6s,baz=178,slow=0.5,SNR=4.4				

Table of astronomical observations for 4d 12h, listing objects like Grafenberg Arr, TNS Taunus Mts, MOA Molin, etc., with columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 2005 NOV, listing objects like Saint Saulge, Swanee, Saint Gilles, etc., with columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 2005 NOV, listing objects like Mawson, Lobatse, Samuel, etc., with columns for object name, magnitude, position, and other parameters.

JMA 04 12:03:20.8, 28.69N-129.66E, h21km2, M3.5, Ryukyu Islands

Table listing station names and coordinates for the JMA 04 12:03:20.8, 28.69N-129.66E event, including Amami Oshima, Kikaishima, etc.

NAO 04 12:11:44.8, 3.5, 76.78N-19.38E, h16km, 28km, ML2.7

CSEM 04 12:11:44.6, 1.5, 77.00N-20.92E, h1km, 6km, ML2.7, Error ellipse: s-maj=35.3km s-min=10.1km az=76.0

BER 04 12:11:51.6, 4.5, 77.04N-20.01E, h15km, 77km, MD2.4, ML3.0

ISC 04 12:11:45.9, 1.4, 77.01N-0.06E, 19.4E, 0.2, h2km, 14km, n9, 04E2/15, Svalbard region

Table listing station names and coordinates for the ISC 04 12:11:45.9, 1.4, 77.01N-0.06E event, including HSP Hornsund, SPA0 Spitsbergen Ar, etc.

INDI 04 12:24:54.2, 4.7, 34.55N-72.56E, h10km, ML3.2

SDC 04 12:24:54.4, 1.9, 34.62N-73.31E, mb4.2/3, mb1.4/4.5, mb1mx3.8/2.0, mbmp4.2/5, ML3.7/3, Error ellipse: s-maj=52.6km s-min=26.9km az=64.0

MOS 04 12:24:54.5, 0.7, 34.63N-73.21E, h14km, mb4.4/2, Error ellipse: s-maj=44.5km s-min=12.3km az=90.3

NEIC 04 12:24:55.1, 2.4, 34.60N-73.25E, h10km, mb3.3/2, Error ellipse: s-maj=26.9km s-min=15.9km az=78.0

NNC 04 12:25:09.1, 5.3, 35.14N-72.70E, h78km, 50km, mpv3.9, Error ellipse: s-maj=43.0km s-min=34.4km az=42.0

ISC 04 12:24:54.6, 0.8, 34.67N-73.08E, h1.0E, 1.0, h10km, n30, s-131/37, mb4.2/2.5, C-1Z, Pakistan

Table listing station names and coordinates for the ISC 04 12:24:54.6, 0.8, 34.67N-73.08E event, including THN Thein Dam, THN Dalhousie, etc.

comp=N,300nm,19.0s,MS4.2					
GTA	comp=E,180nm,18.3s,MS4.2	LR	LR		
GTA	comp=Z,180nm,18.6s,MS3.9	LR	LR		
ILAR	Eielson Array 38.77 37 P	P	P	17 13 11.1	-1.1
ILAR	Eielson Array 38.77 37 P	P	P	17 13 11.1	-1.1
CD2	Chengdu 39.82 267 eP	AMB	AMB	17 13 21.2	0.0
CD2	comp=Z,10.0nm,1.0s,mb4.5				
GYA	Guiyang 40.39 259 j/P	AMB	AMB	17 13 26.8	+0.8
GYA	comp=Z,20nm,0.9s,mb4.8				
DAWY	Dawson 42.06 38 eP	LR	LR	17 13 39.0	-0.2
ZAL	Zalesovo 43.15 307 LR	LR	LR	17 34 04.7	
comp=Z,480nm,19.4s,MS4.4,baz=81,slow=39					
NVS	Novosibirsk 43.77 309 eP	P	P	17 13 51.7	-1.6
INX	Inuvik 43.92 31 eP	P	P	17 13 54.0	-0.4
INX	comp=Z,11nm,0.8s	ePP	pP	17 14 05.5	-1.2
INX	Urumqi 44.87 293 P	P	P	17 14 04.4	+2.1
INX	Makanchi Array 47.12 299 P	P	P	17 14 21.1	+1.0
WMQ	comp=Z,13nm,0.7s,mb5.0				
MKAR	Makanchi Array 47.12 299 P	P	P	17 14 21.3	+1.2
MKAR	comp=Z,16nm,0.7s,mb5.0,baz=70,slow=8.0,SNR=102	LR	LR	17 35 47.5	
MKAR	comp=Z,250nm,18.4s,MS4.2,baz=1.1,slow=38				
MKAR	Makanchi Array 47.12 299 P	LR	LR	17 14 21.3	+1.2
MKAR	comp=Z,16nm,0.7s	MLR	MLR	17 35 47.5	
KURK	Kurchatov 47.79 305 eP	P	P	17 14 24.3	-1.0
KURK	comp=Z,20nm,0.9s,mb5.2				
KURK	Kurchatov 47.79 305 ePP	pP	pP	17 14 37.6	-0.1
LSA	Lhasa 49.49 274 P	P	P	17 14 40.3	+1.6
LSA	Lhasa 49.49 274 eP	P	P	17 14 40.3	+1.6
LSA	comp=Z,12nm,1.0s,mb4.9				
LSA	Lhasa 49.49 274 eP	P	P	17 14 40.3	+1.6
CHZK	Chkalov 51.11 311 eP	P	P	17 14 49.6	-1.0
CHZK	comp=Z,14nm,0.9s,mb4.9				
CHZK	Chkalov 51.11 311 ePP	pP	pP	17 15 02.4	-0.7
CHZK	comp=Z,14nm,0.9s,mb4.9				
SHL	Shilling 51.42 269 eP	P	P	17 14 54.0	+0.6
BVAO	Borovoye Array 51.51 310 i/P	P	P	17 14 53.6	-0.1
BVAO	comp=Z,3.0nm,1.5s,mb4.0				
BRVK	Borovoye 51.55 310 eP	P	P	17 14 53.9	-0.1
BRVK	comp=Z,3.1nm,0.6s,mb4.3				
BRVK	Borovoye 51.55 310 eP	P	P	17 14 53.9	-0.1
TKM2	Tokmak 2 53.12 297 P	P	P	17 15 07.4	+1.4
YKA	Yellowknife Ar 53.16 35 P	P	P	17 15 03.5	-2.5
YKA	comp=Z,4.8nm,0.9s,mb4.4,baz=300,slow=7.4,SNR=6.5				
YKA	Yellowknife Ar 53.16 35 i/P	P	P	17 15 04.5	-1.5
YKA	comp=Z,2.9nm,1.0s				
USP	Ospenovka 53.64 298 P	P	P	17 15 10.6	+0.8
USP	SNR=27				
KBK	Karagaybulak 53.67 297 P	P	P	17 15 10.9	+1.0
KZA	Kyzart 53.77 296 P	P	P	17 15 13.0	+2.3
FRU	Port Bishkek 53.79 297 eP	P	P	17 15 12.0	+1.1
FRU	SNR=16				
PMG	Bisk Moresby 53.96 186 LR	LR	LR	17 15 28.0	+4.6
AAK	Ala-Archa 53.97 297 P	P	P	17 15 13.2	+1.0
AAK	SNR=14				
AAK	Ala-Archa 53.97 297 eP	P	P	17 15 11.7	-0.5
AAK	comp=Z,9.6nm,0.8s,mb4.8				
AAK	Ala-Archa 53.97 297 P	P	P	17 15 13.0	+0.8
GUN	Gumba 54.29 276 eP	P	P	17 15 15.4	+0.7
GUN	comp=Z,50nm,1.0s,mb5.4				
HNR	Honiar 54.32 170 LR	LR	LR	17 33 33.9	
EN2	Erkin-Say 54.41 297 P	P	P	17 15 16.2	+0.8
EN2	SNR=17				
KSH	Kashi 54.63 293 eP	P	P	17 15 17.0	0.0
KSH	comp=Z,20nm,4.9s	eAP	pP	17 15 27.0	-2.6
KSH	comp=Z,20nm,4.9s	EXP	sP	17 15 31.0	-3.8
KSH	AMB	AMB	AMB		
KKN	Kakani 54.78 276 eP	P	P	17 15 19.0	+0.6
KKN	comp=Z,53nm,1.0s,mb5.5				
PKI	Pulchoki 54.82 276 eP	P	P	17 15 19.1	+0.5
PKI	comp=Z,40nm,1.1s,mb5.3				
DMN	Daman 55.02 276 eP	P	P	17 15 20.8	+0.8
GKN	Gorkha 55.11 277 eP	P	P	17 15 21.2	+0.5
ARU	Arti 55.96 318 eP	P	P	17 15 24.9	-1.4
ARU	comp=Z,16nm,0.8s,mb5.1				
ARU	Arti 55.96 318 j/P	P	P	17 15 25.4	-1.0
ARU	e			17 15 39.2	+0.2
ARU	e			17 16 20.0	
ARU	eSS	SS	SS	17 23 10.4	+1.0
ARU	eSS	SS	SS	17 26 58.5	+2.8
KOLN	Koldanda 55.99 277 eP	P	P	17 15 27.8	+0.8
KKAR	Karatay Array 56.23 299 P	P	P	17 15 26.9	-1.6
KKAR	comp=Z,4.0nm,0.6s,mb4.6				
BOK	Bokaro 56.79 272 ex	x	x	17 15 45.0	
EDM	Edmonton 58.44 45 eP	P	P	17 15 42.2	-1.8
EDM	comp=Z,26nm,1.1s,mb5.1				
DAG	Danmarks Havn 58.71 357 j/P	P	P	17 15 44.0	-1.6
DAG	comp=Z,6.8nm,0.7s,mb4.8				
DAG	Danmarks Havn 58.71 357 j/P	P	P	17 15 44.0	-1.6
DAG	comp=Z,6.8nm,0.7s,mb4.8				
DAG	Danmarks Havn 58.71 357 j/P	P	P	17 15 44.0	-1.6
KEV	Kevo 59.02 341 eP	P	P	17 15 46.2	-1.7
KEV	comp=Z,18nm,0.8s,mb5.1				
KEV	Kevo 59.02 341 eP	P	P	17 15 46.2	-1.7
AB31	Akbulak array 59.08 310 i/P	P	P	17 15 48.9	+0.4
AB31	comp=Z,18nm,0.8s,mb5.2				
NEW	Newport 59.19 51 eP	P	P	17 15 46.9	-2.5
NEW	comp=Z,3.8nm,1.0s,mb4.4				
NEW	Newport 59.19 51 eP	P	P	17 15 46.9	-2.4
NEW	comp=Z,4.0nm,1.0s				
ARCES	ARCES Array B 59.54 341 P	P	P	17 15 51.0	-0.5
ARCES	comp=Z,12nm,0.9s,mb4.9,baz=56,slow=8.7,SNR=11				
ARCES	ARCES Array B 59.54 341 P	P	P	17 15 51.0	-0.5
NDI	New Delhi 59.93 282 eP	P	P	17 15 53.0	-1.7
ORR	Orenburg 60.47 315 j/P	P	P	17 15 57.9	-0.2
ORR	comp=Z,20nm,1.2s,mb5.0				
BLSP	Bilaspur 60.52 273 eP	P	P	17 15 57.9	-0.9
KLMR	Klimovskoe 61.44 329 eP	P	P	17 16 00.4	-4.1
KLMR	comp=Z,40nm,1.5s,mb5.3				
WVOR	Wild Horse Val 61.65 57 eP	P	P	17 16 05.2	-0.9
WVOR	comp=Z,4.8nm,0.8s,mb4.7				
WVOR	Wild Horse Val 61.65 57 eP	P	P	17 16 05.2	-0.9

2005 NOV

comp=Z,5.0nm,0.8s,mb4.7					
JOMS	Joensuu 62.82 334 eP	P	P	17 16 12.5	-1.2
SUMG	Summit 62.86 3 eP	P	P	17 16 13.9	+0.1
BHPL	Bhopal 63.16 277 eP	AMB	AMB	17 16 16.4	-0.1
BHPL	comp=Z,19nm,0.8s,mb5.3				
HLID	Halley 63.47 54 eP	P	P	17 16 17.5	-0.7
HLID	comp=Z,3.1nm,0.8s,mb4.5				
BOZ	Bozeman (W) 63.77 51 eP	pP	pP	17 16 29.9	-1.1
BOZ	comp=Z,12nm,1.1s,mb4.9				
BOZ	Bozeman (W) 63.77 51 ePP	pP	pP	17 16 19.5	-0.6
BOZ	comp=Z,12nm,1.1s,mb4.9				
BOZ	Bozeman (W) 63.77 51 ePP	pP	pP	17 16 19.5	-0.6
BOZ	comp=Z,12nm,1.1s,mb4.9				
NVAR	Minia Array Bea 64.24 61 P	P	P	17 16 23.1	-0.2
NVAR	comp=Z,12nm,1.1s,mb4.8				
QLMT	Earthquake Lak 64.39 52 eP	P	P	17 16 23.5	-0.6
QLMT	comp=Z,4.9nm,0.7s,mb4.6,baz=294,slow=6.2,SNR=20				
KAF	Kangasniemi 64.97 335 eP	P	P	17 16 23.5	-1.2
KAF	comp=Z,11nm,0.9s,mb4.2,baz=37,slow=6.1				
KAF	Kangasniemi 64.97 335 eP	P	P	17 16 26.9	-0.7
KAF	comp=Z,11nm,0.9s,mb4.2				
RRI2	Red Ridge 65.37 53 eP	P	P	17 16 30.5	0.0
RRI2	comp=Z,12nm,0.8s,mb5.0				
MOOW	Moose Ponds 65.45 52 eP	pP	pP	17 16 43.0	-0.4
MOOW	comp=Z,4.7nm,0.9s,mb4.5				
TPAW	Teton Pass 65.49 53 eP	P	P	17 16 31.7	+0.5
TPAW	comp=Z,7.6nm,0.7s,mb4.8				
FINES	FINES Array B 65.56 335 P	P	P	17 16 31.3	0.0
FINES	comp=Z,9.5nm,0.6s,mb5.0,baz=29,slow=7.1,SNR=37				
FINES	comp=Z,8.7nm,20.7s,MS3.9,baz=2.0,slow=40				
FINES	FINES Array B 65.56 335 P	P	P	17 16 31.3	0.0
FINES	comp=Z,10.0nm,0.6s	MLR	MLR	17 49 01.6	
FINES	comp=Z,8.7nm,20.7s	MLR	MLR		
LOHW	Long Hollow 65.61 52 eP	P	P	17 16 32.2	+0.1
LOHW	comp=Z,8.2nm,1.3s,mb4.6				
LOHW	Long Hollow 65.61 52 eP	P	P	17 16 44.9	0.0
MOS	Moscow 65.66 326 eP	P	P	17 16 31.7	-0.4
MOS	comp=Z,8.1nm,1.6s,mb5.5				
WRAB	Tennant Creek 66.21 198 eP	P	P	17 16 34.9	-1.4
WRAB	comp=Z,19nm,1.2s,mb5.0				
WRAB	Tennant Creek 66.21 198 eP	P	P	17 16 48.6	-0.6
WRAB	comp=Z,19nm,1.2s,mb5.0				
WBA	Warramunga Arr 66.22 198 eP	P	P	17 16 35.5	-1.2
WBA	Warramunga Arr 66.22 198 eP	P	P	17 16 35.0	-1.3
WBA	comp=Z,3.8nm,0.8s,mb4.5,baz=18,slow=6.9,SNR=16				
WRA	comp=Z,0.8nm,0.8s,baz=201,slow=3.1,SNR=5.3				
HWUT	Hardware Ranch 66.33 54 eP	P	P	17 16 36.0	-0.6
HWUT	comp=Z,3.4nm,0.7s,mb4.5				
DUG	Dugway 66.49 56 eP	pP	pP	17 16 48.6	-0.9
DUG	comp=Z,11nm,1.1s,mb4.8				
DUG	Dugway 66.49 56 eP	pP	pP	17 16 49.6	-1.0
DUG	comp=Z,11nm,1.1s,mb4.8				
DUG	Dugway 66.49 56 ePP	pP	pP	17 16 49.6	-1.0
DUG	comp=Z,11nm,1.1s,mb4.8				
OBN	Obninsk 66.53 325 eP	P	P	17 16 37.6	0.0
OBN	comp=Z,36nm,1.2s,mb5.3				
OBN	Obninsk 66.53 325 eP	P	P	17 16 37.6	0.0
OBN	comp=Z,36nm,1.2s,mb5.3				
OBN	Obninsk 66.53 325 eS	sP	sP	17 16 50.3	-0.3
OBN	comp=Z,36nm,1.2s,mb5.3				
OBN	Obninsk 66.53 325 eS	sP	sP	17 25 22.5	-1.1
OBN	comp=Z,36nm,1.2s,mb5.3				
OBN	Obninsk 66.53 325 eP	P	P	17 16 37.9	-1.3
BW06	Boiler Array 66.74 52 eP	P	P	17 16 51.1	-1.0
BW06	comp=Z,21nm,1.8s,mb4.9				
PDAR	Pinedale Array 66.74 52 eP	pP	pP	17 16 38.5	-0.7
PDAR	comp=Z,3.3nm,1.0s,mb4.3,baz=270,slow=3.0,SNR=16				
FITZ	Fitzroy Crossi 66.85 207 eP	P	P	17 16 40.9	+0.6
FITZ	comp=Z,5.6nm,1.0s,mb4.5				
FITZ	Fitzroy Crossi 66.85 207 eP	P	P	17 16 40.9	+0.3
FITZ	comp=Z,4.5nm,0.8s,mb4.6,baz=48,slow=11,SNR=5.9				
VRHR	Novokhoporski 67.16 320 eP	P	P	17 16 40.7	-1.0
VRHR	comp=Z,4.5nm,0.8s,mb4.6				
VRHR	Novokhoporski 67.16 320 eP	P	P	17 16 40.7	-1.0
VRHR	comp=Z,4.5nm,0.8s,mb4.6				
VRHR	Novokhoporski 67.16 320 eP	P	P	17 16 40.7	-1.0
VRHR	comp=Z,4.5nm,0.8s,mb4.6				
YSU	Vasula 67.66 332 j/P	P	P	17 16 45.5	+0.8
SRU	San Rafael 68.54 56 eP	P	P	17 16 49.8	-0.7
SRU	comp=Z,10nm,0.9s,mb4.8				
SRU	San Rafael 68.54 56 eP	pP	pP	17 17 03.0	-0.5
SRU	comp=Z,10nm,0.9s,mb4.8				
SRU	San Rafael 68.54 56 ePP	pP	pP	17 16 49.8	-0.7
SRU	comp=Z,10nm,0.9s,mb4.8				
POO	Poona 68.75 275 eP	P	P	17 16 52.0	-1.1
RSSD	Black Hills 68.89 48 eP	P	P	17 16 51.7	-0.9
RSSD	comp=Z,6.0nm,0.8s,mb4.6				
RSSD	Black Hills 68.89 48 eP	pP	pP	17 17 03.8	-1.8
RSSD	comp=Z,6.0nm,0.8s,mb4.6				
RSSD	Black Hills 68.89 48 ePP	pP	pP	17 17 03.8	-1.8
RSSD	comp=Z,6.0nm,0.8s,mb4.6				
KAD	Karad 69.32 274 ex	x	x	17 16 55.4	
NB2	NORSAR Subarra 69.92 341 P	P	P	17 16 58.4	-0.2
NB2	comp=Z,40nm,1.4s,mb5.2,baz=30,slow=6.2				
NB2	NORSAR Subarra 69.92 341 P	P	P	17 16 58.4	-0.2
NB2	comp=Z,4				

Table with columns: VNA2, Neumayer-Watz, 151.74, 194, PKPdf, 17 25 42.9, +10

CASC 04 17:15:14.7±1.9, 12.98N:89.05W, h46km±29km, MD4.2, ML4.3, mb3.8(NEIC)

IDC 04 17:15:19.4±3.1, 13.54N:88.46W, h92km±37km, mb3.3/5, mb1.3/7.7, mb1mx3.5/20, mbtmp3.7/7, MS3.4/1, M1.3/5.1, ms1mx2.8/21, Error ellipse: s-maj=46.8km s-min=2.1km az=35.0

NEIC 04 17:15:20.0±1.3, 13.39N:88.48W, h108km±14km, mb3.8/3, MD4.4(SNET), Error ellipse: s-maj=22.7km s-min=8.5km az=218.0

NEIC Felt [I] at San Salvador. ISC 04 17:15:17.5±1.0, 13.4AN:0.2±88.6W±0.1, h99km±10km, n48, ±0.96/36, mb3.8/8, 4C-16D, El Salvador

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

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

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

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

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

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

NIED 04 17:21:00.29, 10N:130.00E, h41km, Mw4.1 Best double couple: Mo=1.74x10¹⁵ Np1=27°, δ73°, 189°. NP2=212°, δ17°, 195°

JMA 04 17:21:03.6±0.2, 29.08N:130.01E, h60km±4km, M3.6, Ryukyu Islands

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

CASC 04 17:27:01.2±2.2, 13.27N:89.76W, h20km±13km, MD3.5, 3C-7D, El Salvador

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

Table with columns: LFRS, La Fuente, 0.79, 53j, eS, Sb, 17 27 31.4, +5.9

NDI 04 17:29:32.0±4.7, 34.30N:73.46E, h10km, MD3.3, ML3.1 NNC 04 17:29:40.2±4.8, 34.81N:72.64E, h1km±62km, mpv3.8, Error ellipse: s-maj=68.1km s-min=46.9km az=147.0

ISC 04 17:29:30.8±0.8, 34.16N:0.07±73.4E±0.2, h10km, n21, ±130/26, 1C-4D, Pakistan

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

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

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

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

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

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

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

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

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

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

Table with columns: TAMB, Tambo, 0.98, 347, P, P, 17 41 16.5, +0.7

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

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

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

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

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

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

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

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

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

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

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

4d 20h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KKN, DMN, GKN, MKAR, KOLN, CHZK, BVAR, ILAR, INK, YBH, GNI, FINES, NVAR, ELK.

TIR 04 18:27:47.2, 41.08N, 20.33E, h10km
PDG 04 18:27:48.7, 0.3, 41.11N, 20.42E, h10km, 1km
NEIC 04 18:27:48.7, 41.11N, 20.42E, h10km, MD2.7(PDG), ML2.4f(SKO), After PDG.

SKO 04 18:27:48.1, 40.97N, 20.35E, h8km
ISC 04 18:27:49.0, 6.41, 08N, 0.04, 20.48E, 0.04, h10km, n19, c151/138, 6C-4D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OHR, OHR, KBN, BIA, PUK, SKO, ULC, PVP, VAY, BUM, IVA, HCY, NKY, BRV, UPM.

CASC 04 18:27:59.3, 1.7, 8.97N, 82.84W, h14km, 19km, MD3.8, MW3.8, 3C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CTR, BRU, URSC, LCR2, LCR1.

IDC 04 18:55:17.4, 0.5, 33.76N, 37.90W, mb4.1/21, mb1 4.2/21, mb1mx4.2/27, mbtmp4.1/21, MS4.5/12, MS1 4.4/12, ms1mx4.1/30, Error ellipse: s-maj=17.3km s-min=12.1km az=145.0

MOS 04 18:55:17.0, 8.33, 72N, 37.99W, h10km, mb4.9/16, Error ellipse: s-maj=18.5km s-min=10.7km az=51.4
NEIC 04 18:55:19.1, 0.2, 33.73N, 37.94W, h10km, mb4.7/21, Error ellipse: s-maj=8.1km s-min=5.4km az=162.0

ISC 04 18:55:17.2, 0.3, 33.74N, 0.07, 37.96W, 0.06, h10km, n75, c0582/67, mb4.4/40, MS4.5/12, 2D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ESDC, MDT, SCHO, SADO, ALLY, SFDJ, FVB, DAVOX, SDV, SDV, GRA1, GRF, GRF, GRF, GRF, MOX, WWT, WWT, KHC, DBIC, DBIC, GERES, CII, NOA, ULM, ULM, BOLS, FINES.

2005 NOV

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SAML, ARCES, WMOK, WMOK, BDFB, AKASG, SDCO, SIV, YKA, MOS, MOS, TXAR, PDAR, PDAR, BW06, BRTR, HWUT, LPAZ, LPAZ, LPAZ, LPAZ, DUG, DUG, DUG, NEW, NEW, INK, INK, INK, PEN, TPNV, DLBC, NVAR, NVAR, MOD, ORR, ORR, ILAR, CFAA, CHKZ, CHKZ, TIXI, TIXI, KURK, KURK, KURK, LSZ, LSZ, AAK, AAK, MKAR, MKAR, BOD, BOD, BOSA.

NEIC 04 20:11:56.1, 1.8, 18.83S, 175.50W, h162km, 16km, mb4.8/3, Error ellipse: s-maj=19.6km s-min=12.7km az=134.0
IDC 04 20:11:56.8, 2.9, 17.8S, 175.53W, h166km, 20km, mb3.9/6, mb1 4.1/7, mb1mx3.9/15, mbtmp4.4/7, Error ellipse: s-maj=30.8km s-min=15.7km az=135.0

ISC 04 20:11:54.6, 2.0, 18.85, 0.1, 175.6W, 0.1, h157km, 19km, n25, c0582/24, mb4.4/12, 4C-2D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, STKA, WB2, WRA, ASPA, ILAR, GERES, NEIC, IDC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, RPZ, CTA, STKA, STKA, WRB, WRB.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, ASPA, KAKA, FITZ, MJAR, KS15, NVAR, TXAR, GD2, YMR, ENH, SNA, VNA3, ARCS, BRTR, GERES.

SOF 04 20:12:05.0, 40.61N, 27.40E, h2km, MD3.8
ATH 04 20:12:07.7, 40.77N, 27.45E, h31km, 11km, MD3.9/6
IDC 04 20:12:07.7, 1.3, 40.80N, 27.18E, mb3.6/5, mb1 3.7/9, mb1mx3.6/24, mbtmp3.5/9, ML3.6/5, Error ellipse: s-maj=19.8km s-min=14.7km az=51.0
MOS 04 20:12:07.8, 0.9, 40.70N, 27.32E, h10km, mb3.9/6, Error ellipse: s-maj=9.2km s-min=5.1km az=109.8
ISK 04 20:12:08.8, 40.68N, 27.30E, h13km, ML4.1
CSEM 04 20:12:08.5, 0.0, 40.69N, 27.33E, h10km, ML4.2, Error ellipse: s-maj=1.3km s-min=0.8km az=14.0
NEIC 04 20:12:08.0, 40.70N, 27.30E, h13km, MD3.9(ATH), ML4.1(SKO), After ISK.

THE 04 20:12:09.4, 40.73N, 27.50E, h20km, ML4.2
SKO 04 20:12:12.3, 37.46N, 24.60E, h10km
ISC 04 20:12:08.5, 0.3, 40.71N, 0.02, 27.29E, 0.02, h10km, 2km, n134, c0691/166, mb3.0/5, 10C-9D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SART, RKY, MIRM, TKR, LK, EDC, SLVT, SLVT, KCT, ALN, CTT, ELBA, ELBA, TOK, EZIN, BALB, ARMT, EDRB, BGKT, RZN, ORLT, BADT, RDO, RDO, KLV, AYVA, DST, ULDT, ULDT, PRK, PRK, KZJ, LIA, HRT, SILT, LOS, LOS, AKS, DIM, RZN, EYL, IZM, BLCB, GDZ, GDZ, GPD, PLD, PRD, OUR, BORA, BORA, NVR, ALT, SZH, PAIG, PVL, KHL, PLG, ESKT, SOH, SOH, MDU, SMG, AOS, AOS, DENT, THE, THE, KKB, XOR, VTS, VAY, VAY, VAY, YER, YER, LIT, GRG, GRG, ISP, ISP, HRR, TIR, KIZ, HARR, HARR, SAFT, AGG, LDD, ANTO, ANTO, ANTO.

TRBA	comp=N,732nm,0.3s	AML	AML	22 07 40.9					
UDYN	AI 'Udayan	1.98	15	jP	Pn	22 07 31.8	+1.5		
UDYN				iS	Sn	22 07 58.5	+3.7		
UDYN	comp=N,2um,0.4s		AML	AML		22 08 06.9			
LBO5		2.53	44	jP	Pn	22 07 40.4	+2.2		
LBO5				iS	Sn	22 08 14.4	+5.4		
DHBB	Dhamar BB	2.67	20	jP	Pn	22 07 42.4	+2.1		
DHBB				iS	Sn	22 08 18.1	+5.5		
BDHA	AI Bayda'	2.83	47	jP	Pn	22 07 44.3	+1.8		
BDHA				iS	Sn	22 08 22.0	+5.5		
BDHA	comp=E,513nm,0.4s		AML	AML		22 08 27.3			

NEIC 04 22:14:35.7-1.1, 17.35S:178.69W, h500km, mb3.6/1, Error ellipse: s-maj=77.3km s-min=16.6km az=152.0
 IDC 04 22:14:37.9-11.0, 17.61S:178.59W, h518km, 141km, mb3.0/4, mb1 3.3/4, mb1mx3.1/13, mbtmp3.8/4, Error ellipse: s-maj=132.1km s-min=41.4km az=165.0
 ISC 04 22:14:35.7-1.5, 17.45S:180.8X:178.7W, 0.4, h500km, n8, 0.4f8/6, mb3.3/5, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
STKA	Stephens Creek	38.61	240		P	P	22	21	16.2	-0.2		
WRAB	Tennant Creek	44.41	259		P	P	22	22	02.8	-0.2		
WRA	Warramunga Arr	44.42	259		P	P	22	22	03.5	+0.4		
TXAR	Lajitas Array	85.98	58		P	P	22	26	24.2	+0.4		
TXAR	Lajitas Array	85.98	58		P	P	22	26	24.2	+0.4		
PDAR	Pinedale Array	87.19	44		P	P	22	26	28.8	-0.4		
BRTR	Keskin Array B	144.20	315	PKP	PKPdf		22	33	14.9	+0.9		
GERES	GERESS Array B	147.03	345	PKP	PKPdf		22	33	22.5	+4.0		

ISK 04 22:36:18.4, 38.21N:26.68E, h19km, MD2.9
 ATH 04 22:36:18.0, 38.19N:26.65E, h37km, 13km, MD3.0/3
 CSEM 04 22:36:18.8-0.2, 38.22N:26.71E, h20km, MD2.9, Error ellipse: s-maj=7.2km s-min=3.1km az=126.0
 ISC 04 22:36:16.3-1.2, 38.16N:0.03:26.54E, 0.05, h0km, 7km, n16, 0.1508/25, Aegean Sea

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
URLA	Izmir	0.21	12	iP	Pg	Sg	22	36	20.6	+0.2		
BLCB	Balcova	0.46	60	ePG	Sg	Sg	22	36	23.0	-0.2		
BLCB	Samos	0.50	152	ePG	Sg	Sg	22	36	25.6	+0.3		
SMG	Izmir	0.50	152	ePG	Sg	Sg	22	36	31.0	-0.4		
SMG	Izmir	0.50	152	ePG	Sg	Sg	22	36	29.0	-1.2		
SMG	Izmir	0.50	152	ePG	Sg	Sg	22	36	37.4	-2.3		
IZM	Izmir	0.62	67	ePG	Sg	Sg	22	36	29.2	+0.6		
KDAG	Bornova	0.62	66	iP	Pg	Sg	22	36	37.0	+0.2		
KDAG	Paraskevi	1.11	349	ePN	Pn	Pn	22	36	28.0	-0.6		
PRK	Paraskevi	1.16	349	ePN	Pn	Pn	22	36	35.7	-1.3		
PRK	Paraskevi	1.16	349	ePN	Pn	Pn	22	36	32.7	-0.7		
AYVA	Ayvalik	1.16	6	iP	Pb	Sb	22	36	53.7	-1.4		
AYVA	Ayvalik	1.16	6	iP	Pb	Sb	22	36	39.2	+0.4		
AYVA	Ayvalik	1.16	6	iP	Pb	Sb	22	36	56.4	+2.2		
AYDN	Tasoluk	1.17	115	iP	Pb	Sb	22	36	40.1	+1.1		
AKS	Akhisar	1.23	54	ePN	Pn	Pn	22	36	55.6	+1.2		
BODT	Bodrum	1.25	151	ePN	Pn	Pn	22	36	39.8	-0.8		
APE	Apeiranthos	1.35	217	ePN	Pn	Pn	22	36	42.0	+1.2		
APE	Apeiranthos	1.35	217	ePN	Pn	Pn	22	36	44.3	+2.0		
MAINT	Manisa	1.62	77	iP	Pb	Sb	22	36	43.3	+1.0		
MAINT	Manisa	1.62	77	iP	Pb	Sb	22	36	48.0	+1.8		
YER	Yerkesik	1.72	126	ePN	Pn	Pn	22	37	08.1	0.0		
BALB	Balikesir	1.81	35	ePN	Pn	Pn	22	36	46.9	-0.6		
DENT	Denizli	2.01	101	PN	Pn	Pn	22	36	48.3	-0.7		
DENT	Denizli	2.01	101	PN	Pn	Pn	22	36	50.6	-1.1		

BJI 04 22:39:29.5, 56.42N: 113.13E, h10km, mb4.3, mb4.3, Ms4.4, MS24.5
 IDC 04 22:39:32.6-1.1, 56.13N:112.59E, mb3.8/12, mb1 4.0/12, mb1mx3.9/21, mbtmp3.8/12, MS3.4/1, Ms1 3.4/1, ms1mx2.7/27, Error ellipse: s-maj=28.7km s-min=21.3km az=174.0
 NEIC 04 22:39:34.0-0.5, 56.20N:112.70E, h10km, mb4.2/4, Error ellipse: s-maj=9.9km s-min=8.7km az=161.0
 MOS 04 22:39:35.4-2.2, 56.22N:112.59E, h19km, mb4.2/10, Error ellipse: s-maj=8.4km s-min=5.4km az=65.6
 BYKL 04 22:39:36.0-0.4, 56.18N:112.59E, h21km, 13km, FELT I=IV-V MSK at Yanchukan, III-IV at Severomuisik, III at Bodaybo, II at Angarakan

ISC 04 22:39:35.9-0.5, 56.18N:112.59E, 0.04:112.56E:0.05, h33km, 4km, n8, 0.1814/121, mb3.9/18, MS4.2/1, 9C-11D, Lake Baykal region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.8	-0.2		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	46.2			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.5	+0.5		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.5	+0.5		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	53.3			
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39	45.9	-0.1		
YOA	Uoyan	0.47	264	jPg	Pb	Pb	22	39				

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

NEIC 04 23:04:09.3-0.7, 34.62Sx179.04W, h35km, Error ellipse: s-maj=18.8km s-min=8.7km az=124.0

IDC 04 23:04:11.2-4.2, 34.61Sx179.04W, h53km, 44km, mb4.0/4, mb1.4/1.5, mb1mx3.9/13, mbtmp4.3/5, ML4.3/1, MS3.4/2, Ms1.3/2, ms1mx2.8/16, Error ellipse: s-maj=51.9km s-min=22.1km az=151.0

IDC 04 23:04:07.5-0.8, 34.58S-0.08-179.1W-0.2, h33km, n31, o074/31, mb4.3/4, MS3.4/1, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like VNA3, NEUMAYER OLYMP, etc.

ATH 04 23:32:08.5, 38.27N-27.15E, h18km, 2km, MD3.1/3, ISK 04 23:32:09.0, 38.19N-26.60E, h13km, MD3.0

CSEM 04 23:32:11.4-0.2, 38.19N-26.82E, h20km, MD3.0, Error ellipse: s-maj=5.3km s-min=2.5km az=96.0

IDC 04 23:32:09.3-0.9, 38.19N-0.03-26.58E-0.05, h3km, 5km, n16, o106/26, Aegean Sea

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

HLW 04 23:46:26.2, 34.81N-26.31E, h24km, Mb3.4, CSEM 04 23:46:26.1-0.1, 34.67N-26.41E, h30km, MD3.6, Error ellipse: s-maj=4.0km s-min=2.9km az=45.0

IDC 04 23:46:27.8-3.3, 34.91N-26.64E, mb3.8/5, mb1.3/8.6, mb1mx3.6/19, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=64.1km s-min=18.7km az=179.0

ATH 04 23:46:34.4, 35.15N-26.27E, h28km, 4km, MD3.6/4, NEIC 04 23:46:34.4, 35.15N-26.27E, h28km, MD3.6(ATH), After ATH

IDC 04 23:46:28.3-0.4, 34.53N-0.03-26.58E-0.07, h33km, n24, o193/20, MD3.7/5, Cret

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

CSEM 05 00:21:04.1-0.8, 11.42N-43.49E, h2km, ML4.8, Error ellipse: s-maj=15.9km s-min=9.7km az=24.0

DHMR 05 00:21:08.0-0.9, 11.79N-43.65E, h10km, ML4.8, NEIC 05 00:21:13.6-2.2, 11.77N-43.64E, mb3.8/7, mb1.3/9.7, mb1mx3.8/18, mbtmp3.8/7, MS3.6/6, Ms1.3/6.6, ms1mx3.4/20, Error ellipse: s-maj=52.0km s-min=15.2km az=152.0

ISC 05 00:21:12.0-0.7, 11.72N-0.05-43.71E-0.05, h10km, n39, o1542/49, mb4.8/5, MS3.6/6, 3C-5D, Ethiopia

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

ATH 04 23:32:08.5, 38.27N-27.15E, h18km, 2km, MD3.1/3, ISK 04 23:32:09.0, 38.19N-26.60E, h13km, MD3.0

CSEM 04 23:32:11.4-0.2, 38.19N-26.82E, h20km, MD3.0, Error ellipse: s-maj=5.3km s-min=2.5km az=96.0

IDC 04 23:32:09.3-0.9, 38.19N-0.03-26.58E-0.05, h3km, 5km, n16, o106/26, Aegean Sea

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

HLW 04 23:46:26.2, 34.81N-26.31E, h24km, Mb3.4, CSEM 04 23:46:26.1-0.1, 34.67N-26.41E, h30km, MD3.6, Error ellipse: s-maj=4.0km s-min=2.9km az=45.0

IDC 04 23:46:27.8-3.3, 34.91N-26.64E, mb3.8/5, mb1.3/8.6, mb1mx3.6/19, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=64.1km s-min=18.7km az=179.0

ATH 04 23:46:34.4, 35.15N-26.27E, h28km, 4km, MD3.6/4, NEIC 04 23:46:34.4, 35.15N-26.27E, h28km, MD3.6(ATH), After ATH

IDC 04 23:46:28.3-0.4, 34.53N-0.03-26.58E-0.07, h33km, n24, o193/20, MD3.7/5, Cret

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

Table with columns: PDAR, YKA, NVAR, MAW. Includes station names, coordinates, and technical details.

IDC 05 01:47:58.1±1.2, 22.52Sx169.63E, mb4.0/6, mb1 4.1/7, mb1mx4.0/13, mbtmp4.0/7, ML3.8/1, MS3.7/5, Ms1 3.7/5, ms1mx3.4/17, Error ellipse: s-maj=41.8km s-min=23.9km az=168.0

NEIC 05 01:47:59.4±0.4, 22.54Sx169.59E, h10km, mb4.6/1, Error ellipse: s-maj=12.5km s-min=11.1km az=206.0

ISC 05 01:47:59.7±6.2, 22.65S±0.2, 169.6E±0.1, h12km±42km, h16km±55km, p-P, n48, c090/28, mb4.0/7, MS4.1/2, 3D, Southeast of Loyalty Islands

Main table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for various regions including DZM, URZ, AFI, CTA, STKA, WRAB, WRA, MBWA, SBA, GSPA, MAW, SNA, VNA, VNA2, VNA3, VNA4, VNA5, VNA6, VNA7, VNA8, VNA9, VNA10, VNA11, VNA12, VNA13, VNA14, VNA15, VNA16, VNA17, VNA18, VNA19, VNA20, VNA21, VNA22, VNA23, VNA24, VNA25, VNA26, VNA27, VNA28, VNA29, VNA30, VNA31, VNA32, VNA33, VNA34, VNA35, VNA36, VNA37, VNA38, VNA39, VNA40, VNA41, VNA42, VNA43, VNA44, VNA45, VNA46, VNA47, VNA48, VNA49, VNA50, VNA51, VNA52, VNA53, VNA54, VNA55, VNA56, VNA57, VNA58, VNA59, VNA60, VNA61, VNA62, VNA63, VNA64, VNA65, VNA66, VNA67, VNA68, VNA69, VNA70, VNA71, VNA72, VNA73, VNA74, VNA75, VNA76, VNA77, VNA78, VNA79, VNA80, VNA81, VNA82, VNA83, VNA84, VNA85, VNA86, VNA87, VNA88, VNA89, VNA90, VNA91, VNA92, VNA93, VNA94, VNA95, VNA96, VNA97, VNA98, VNA99, VNA100.

ISC 05 01:51:21.6, 38.22N-26.65E, h20km, MD2.9
ATH 05 01:51:21.3, 38.17N-26.44E, h20km, MD3.1/3
NEIC 05 01:51:21.0, 38.24N-26.63E, h18km, MD3.1(ATH), MD2.9(ISK), After ISK

CSEM 05 01:51:22.0±1.1, 38.24N±26.67E, h15km, MD2.9, Error ellipse: s-maj=2.6km s-min=2.4km az=66.0
ISC 05 01:51:21.0±0.3, 38.23N±0.03, 26.56E±0.05, h3km±6km, n16, c083/26, Aegean Sea

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Aegean Sea region.

DHMR 05 01:56:26.7±0.3, 12.10N-43.54E, h10km±2km, ML3.7, 5D, Western Arabian Peninsula

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Western Arabian Peninsula region.

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Western Arabian Peninsula region.

DHMR 05 02:14:38.2±0.9, 12.06N-43.47E, h9km±7km, ML3.7, 3C-2D, Western Arabian Peninsula

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Western Arabian Peninsula region.

JMA 05 02:15:46.1±0.3, 43.93N±147.97E, M4.2, Kuril Islands

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Kuril Islands region.

NNC 05 02:24:03.0±1.0, 35.12N-73.47E, h180km, 98km, mpv3.5, Error ellipse: s-maj=160.7km s-min=91.1km az=75.0

ISC 05 02:23:51.1±0.7, 34.78N±0.05, 73.9E±0.1, h33km, n12, c128/18, 4C-2D, Pakistan

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Pakistan region.

NNC 05 02:53:15.9±14.0, 34.82N-71.98E, mpv3.4, Error ellipse: s-maj=308.5km s-min=104.8km az=93.0

ISC 05 02:53:13.2±2.1, 34.77N±0.2, 72.8E±0.4, h33km, n3, c064/5, 2C, Pakistan

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Pakistan region.

IDC 05 03:00:53.6±10.0, 47.61N-146.91E, h437km±120km, mb2.9/8, mb3.1/8, mb1mx2.9/20, mbtmp3.7/8, Error ellipse: s-maj=25.0km s-min=21.7km az=137.0, Northwest of Kuril Islands

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Northwest of Kuril Islands region.

NEIC 05 03:06:20.2±1.0, 12.56Sx73.72W, h64km±10km, mb4.3/1, Error ellipse: s-maj=14.6km s-min=9.5km az=224.0

IDC 05 03:06:21.3±7.0, 12.25Sx73.54W, h63km±7km, mb3.5/3, mb1 3.7/5, mb1mx3.5/19, mbtmp3.7/5, ML3.6/2, Error ellipse: s-maj=89.0km s-min=36.2km az=73.0

ISC 05 03:06:19.0±1.0, 12.55S±0.09, 73.68W±0.07, h71km±1km, n17, c090/16, mb4.1/4, 3D, Central Peru

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Central Peru region.

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Pacific region.

IDC 05 03:22:52.7±4.3, 23.16N-143.57E, h42km±37km, mb3.5/4, mb1 3.7/5, mb1mx3.5/19, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=48.8km s-min=22.9km az=89.0

ISC 05 03:22:51.3±3.8, 23.22N±0.1, 143.6E±0.4, h48km±32km, n5, c080/6, mb3.8/4, Volcano Islands region

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Volcano Islands region.

ISK 05 03:46:20.8, 38.26N-26.62E, h27km, MD2.9
ATH 05 03:46:21.5, 38.16N-26.57E, h29km, MD3.1/3
NEIC 05 03:46:21.5, 38.16N-26.57E, h29km, MD3.1(ATH), After ATH

CSEM 05 03:46:22.1±0.2, 38.18N±26.81E, h31km±2km, MD2.9, Error ellipse: s-maj=8.1km s-min=4.2km az=115.0
ISC 05 03:46:21.5±0.6, 38.20N±0.03, 26.59E±0.04, h10km, n13, c1516/22, Aegean Sea

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Aegean Sea region.

ATH 05 04:00:58.3, 34.79N-26.40E, h5km±2km, MD3.8/4
NEIC 05 04:00:58.3, 34.79N-26.40E, h5km, MD3.8(ATH), After ATH

CSEM 05 04:00:58.3, 34.79N-26.40E, h5km, MD3.7/1, After ATH
IDC 05 04:00:59.9±3.8, 34.25N±25.96E, h89km±21km, mb3.6/3, mb1 3.5/6, mb1mx3.4/18, mbtmp3.7/6, Error ellipse: s-maj=48.6km s-min=24.1km az=7.0

ISC 05 04:00:57.8±1.5, 34.54N±0.1, 25.96E±0.07, h33km, n14, c1912/18, MD3.8/3, Crete

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Crete region.

NEIC 05 04:02:58.0±5.0, 12.45N-87.66W, h10km, mb4.4/6, Error ellipse: s-maj=15.4km s-min=5.9km az=49.0
IDC 05 04:02:58.0±1.0, 12.54N-87.60W, mb4.3/9, mb1 4.4/12, mb1mx4.2/22, mbtmp4.2/12, ML3.1/3, MS3.8/5, Ms1 3.8/5, ms1mx3.5/26, Error ellipse: s-maj=39.1km s-min=14.8km az=50.0

CASC 05 04:03:00.8±2.3, 12.03N-88.29W, h25km±12km, MD4.3, ML3.7, mb4.4(NEIC)

ISC 05 04:03:02.9±0.7, 12.20N±0.07, 88.13W±0.06, h71km±6km, n70, c1906/60, mb4.2/17, 14C-11F, Off coast of central America

Table listing stations (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Off coast of central America region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TICN, BOQS, WILN, APON, etc.

IDC 05 04:29:10.1 ± 1.5, 35.47N, 70.02E, mb3.8/5, mb1 4.0/7, mb1mx3.7/20, mbtmp3.9/7, ML4.2/2, Error ellipse: s-maj=33.6km s-min=25.6km az=19.0

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

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

IDC 05 04:44:07.8-5.5, 23.23N, 144.10E, h46km, 39km, mb3.4/3, mb1 3.8/4, mb1mx3.7/19, mbtmp3.7/4, ML3.3/1, Error ellipse: s-maj=123.8km s-min=26.3km az=79.0, Volcano Islands region

NEIC 05 04:50:47.1 ± 0.8, 5.46S; 154.49E, mb4.3/3, Error ellipse: s-maj=17.7km s-min=14.3km az=120.0

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

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

IPEC 05 04:59:32.8 ± 0.3, 51.51N, 16.40E, ML2.9/4, Error ellipse: s-maj=1.9km s-min=1.5km az=42.0

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

IDC 05 04:44:07.8-5.5, 23.23N, 144.10E, h46km, 39km, mb3.4/3, mb1 3.8/4, mb1mx3.7/19, mbtmp3.7/4, ML3.3/1, Error ellipse: s-maj=123.8km s-min=26.3km az=79.0, Volcano Islands region

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

Table with columns: MOX, GERES, ROTZ, NOTT, WETZ, etc. Includes station names, coordinates, and various parameters like SNR, S/N, and time.

Table with columns: PLP, LLP, BOSP, DESH, etc. Includes station names, coordinates, and various parameters like SNR, S/N, and time.

Table with columns: WCI, ANMO, ANMO, ANMO, etc. Includes station names, coordinates, and various parameters like SNR, S/N, and time.

ISK 05 05:29:35.9, 38.20N-26.77E, h17km, MD2.9

ATH 05 05:29:35.3, 38.16N-26.66E, h29km, 8km, MD3.4/3

NEIC 05 05:29:35.0, 38.19N-26.73E, h12km, MD3.4(ATH), MD3.0(ISK), After ISK.

CSEM 05 05:29:35.8, 0.1, 38.21N-26.78E, h15km, MD2.9, Error ellipse: s-maj=2.5km s-min=1.7km az=102.0

ISC 05 05:29:34.9, 1.3, 38.20N-0.03, 26.68E, 0.08, h8km, 10km, n17, 0.95Z/22, Aegean Sea

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

IDC 05 05:33:06.8, 0.7, 9.06N-126.30E, mb4.2/9, mb1 4.3/9, mb1mx4.1/18, mbtmp4.2/9, MS2.9/2, Ms1 2.9/2, ms1mx2.6/23, Error ellipse: s-maj=58.2km s-min=15.8km az=72.0

NEIC 05 05:33:08.7, 0.5, 9.03N-126.34E, h15km, mb4.4/2, Error ellipse: s-maj=25.6km s-min=8.8km az=78.0

MAN 05 05:33:15.8, 8.99N-126.21E, h35km, mb5.0, ML4.0, MS4.0

ISC 05 05:33:14.4, 0.5, 8.93N-126.31E, 0.05, h79km, 5km, n38, 0.1919/46, mb4.1, 1, 3C-4D, Mindanao

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

CASC 05 05:40:57.7, 2.3, 14.64N-92.22W, h71km, 32km, MD4.3, ML4.7, mb4.6(NEIC)

NEIC 05 05:40:57.8, 0.4, 14.78N-91.81W, mb4.6/20, Error ellipse: s-maj=8.9km s-min=5.2km az=50.0

IDC 05 05:40:58.8, 0.9, 14.95N-91.60W, h96km, 8km, mb4.0/14, mb1 4.2/16, mb1mx1.1/23, mbtmp4.3/16, MS3.6/1, ms1mx1.3/6, ms1mx2.9/22, Error ellipse: s-maj=26.1km s-min=9.9km az=54.0

ISC 05 05:41:00.1, 0.6, 14.83N-91.84W, 0.06, h130km, 5km, h89km, 2.6km, p-P, n92, 0.948/83, mb4.4/26, 6C-6D,

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

NEIC 05 05:49:08.9, 23.51S-69.75W, h79km, MD4.0(GUC), After

GUC 05 05:49:08.9, 0.6, 23.51S-69.75W, h79km, 8km, MD4.0, ML4.2, 2C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEN1, ANCH, CPN1, etc.

PRU 05 06:46:21.7, 51.49N-16.06E

WAR 05 06:46:21.5, 51.54N-16.06E, h1km, ML2.7, Mining Induced

ISC 05 06:46:19.1, 1.1, 51.52N-16.05E, 16.04E, 0.05, n10, 0.1919/20, Poland

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

IDC 05 07:08:01.7, 2.7, 7.06S-155.46E, mb3.9/5, mb1 4.0/5, mb1mx3.9/13, mbtmp3.9/5, MS3.5/1, Ms1 3.4/1, ms1mx2.7/20, Error ellipse: s-maj=73.7km s-min=27.8km az=108.0, Bougainville - Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AF1 Afiamalu, CTX Charters Tower, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AF1 Afiamalu, CTX Charters Tower, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CFAA Coronel Fontan, TROA Torquist, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CFAA Coronel Fontan, TROA Torquist, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CFAA Coronel Fontan, TROA Torquist, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KKM Kota Kinabalu, KKM Kota Kinabalu, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KKM Kota Kinabalu, KKM Kota Kinabalu, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KKM Kota Kinabalu, KKM Kota Kinabalu, and others.

WHN	S	S	11 03 42.0	+8.4
WHN	LR	LR		
WHN	comp=N,54um,38.8s,MS6.3			
WHN	comp=E,44um,35.1s,MS6.3			
YUK	comp=Z,73um,37.2s,MS6.4			
YUK	Yuzh-Kuril'sk	47.07 358	P	P
YUK			10 56 54.3	+3.0
YUK			10 58 29.2	
YUK			10 58 46.9	+5.3
YUK			11 03 36.9	-3.3
YUK	comp=N,4um,3.0s			
YUK	comp=Z,2um,3.0s			
YUK	comp=N,6um,14.0s			
YUK	comp=E,5um,11.0s			
ASAJ	Asahikawa	47.37 355	P	P
ASAJ			10 56 51.9	-1.9
IPM	Ipoth	47.78 279	P	P
KULM	Kulim	48.26 280	eP	P
VLA	Vladivostok	48.41 344	eS	S
VLA			11 04 00.8	+1.7
VLA	comp=Z,4um,17.5s,MS5.5			
VLA	Vladivostok	48.41 344	eP	S
VLA			10 57 01.9	+0.1
VLA			11 04 00.8	+1.7
VLA	comp=Z,204nm,1.6s,mb5.9			
VLA				
DL2	comp=Z,4um,17.5s,MS5.5			
DL2	Dalian	48.55 332	P	S
DL2			10 57 02.7	-0.2
DL2			11 04 01.5	+0.3
DL2	comp=Z,60nm,1.2s,mb5.5			
DL2	comp=N,5um,20.4s,MS5.7			
DL2	comp=E,6um,23.1s,MS5.7			
DL2	comp=Z,15um,35.7s			
SNG	Songkhla	48.61 282	P	P
TIA	Tai'an	48.79 326	eP	P
TIA			10 57 04.0	-0.8
TIA			11 03 56.7	-7.8
TIA	comp=Z,70nm,1.4s,mb5.5			
TIA	comp=N,7um,16.0s,MS6.0			
TIA	comp=E,12um,19.0s,MS6.0			
KKTK	Khon Kaen	48.88 295	PG	P
GYA	Guiyang	49.82 309	P	P
GYA			10 57 13.3	+0.5
GYA			10 58 30.2	-3.2
GYA			11 02 23.3	
GYA			11 04 29.4	+1.0
GYA	comp=Z,110nm,0.8s,mb5.9			
GYA	comp=Z,2um,6.3s			
GYA	comp=N,4um,21.2s,MS5.5			
GYA	comp=E,5um,22.7s,MS5.5			
GYA	comp=Z,6um,20.0s,MS5.6			
SNY	Shenyang	50.10 336	P	P
SNY			10 57 11.6	-3.2
SNY			10 59 08.5	-2.3
SNY			11 04 22.9	+0.2
SNY	comp=Z,50nm,2.2s,mb5.2			
SNY	comp=N,11um,19.6s,MS5.9			
SNY	comp=E,5um,22.0s,MS5.9			
SNY	comp=Z,11um,28.2s			
YSS	Yuzh-Sakhalins	50.17 355	eP	P
YSS			10 57 12.0	-3.3
YSS			10 57 22.0	-3.2
YSS			10 57 28.0	-1.0
YSS			10 58 31.2	
YSS			10 59 05.0	
YSS			11 04 28.0	
YSS			11 04 44.0	
YSS	comp=Z,6um,16.0s,MS5.7			
YSS	Yuzh-Sakhalins	50.17 355	eP	P
YSS			10 57 12.0	-3.3
YSS			10 57 22.0	-3.2
YSS			10 57 28.0	-1.0
YSS			10 58 31.2	
YSS			10 59 05.0	
YSS			11 04 28.0	
YSS			11 04 44.0	
YSS	comp=Z,80nm,1.1s,mb5.7			
YSS	comp=Z,100nm,1.2s,mb5.7			
YSS	comp=N,6um,14.0s			
YSS	comp=E,3um,14.0s			
YSS	comp=N,5um,16.0s			
YSS	comp=Z,6um,16.0s,MS5.7			
MDJ	Mudanjiang	50.44 343	P	P
MDJ			10 57 16.9	-0.4
MDJ			10 57 25.3	-1.9
MDJ			10 57 28.2	-2.0
MDJ			10 59 12.7	-1.1
MDJ			11 02 33.5	
MDJ			11 04 43.8	
MDJ	comp=Z,20nm,1.3s,mb5.0			
MDJ	comp=Z,2um,13.9s			
MDJ	comp=N,23um,42.9s			
MDJ	comp=E,16um,34.1s			
MDJ	comp=Z,36um,36.8s			
NNT	Nongpiab	50.65 289	P	P
CN2	Changchun	51.07 339	P	P
CN2			10 57 21.0	+1.7
CN2			10 57 22.0	-0.1
CN2			10 57 34.7	+2.7
CN2			11 04 37.9	+1.9
CN2	comp=Z,20nm,1.2s,mb4.9			
CN2	comp=Z,2um,8.0s			
CN2	comp=N,14um,23.0s,MS6.0			
CN2	comp=E,11um,23.0s,MS6.0			
CN2	comp=Z,22um,25.0s,MS6.1			
NST	Nakhon Sawan	51.12 293	P	P
NANT	Nan	51.61 297	P	P
NANT			10 57 22.5	-0.4
NANT			10 57 25.0	-1.5
COCO	West Island	51.61 257	PFAKE	LR
COCO			10 57 40.0	+1.3
KMI	Kunming	52.32 305	P	P
KMI			10 57 33.6	+1.7
KMI			10 57 43.7	+1.9
KMI			10 58 45.1	+2.4
KMI			10 59 33.4	+2.1
KMI			11 00 38.0	+2.0
KMI			11 02 41.8	
KMI			11 04 55.7	+2.2
KMI			11 05 09.5	+1.9
KMI			11 05 13.8	
KMI			11 07 17.6	+1.8
KMI			11 08 33.9	+4.3
KMI			11 10 15.9	+2.4
KMI	comp=Z,40nm,1.5s,mb5.1			
KMI	comp=Z,510nm,4.5s			
KMI	comp=N,9um,24.2s,MS5.8			

KMI	comp=E,7um,25.6s,MS5.8			
KMI	comp=Z,15um,32.6s			
KMI	Kunming	52.32 305	P	P
KMI			10 57 33.6	+1.7
KMI	comp=Z,48nm,1.5s,mb5.2			
KMI			10 57 43.7	+1.9
KMI			10 57 48.1	+2.5
KMI			10 58 45.1	+2.4
KMI			10 59 33.4	+2.1
KMI			11 02 41.8	
KMI			11 04 55.7	+2.2
KMI			11 05 13.8	
KMI			11 07 17.6	+1.8
KMI			11 08 33.9	+4.3
KMI				
TIY	Taiyuan	52.51 324	eP	P
TIY			10 57 35.0	+1.9
TIY			11 05 03.0	+7.1
CHG	Chiang Mai	53.18 296	P	P
CHG			10 57 38.2	-0.1
RAR	Rarotonga	53.60 114	LR	LR
RAR			11 17 23.5	
KLR	Kul'dur	54.14 347	eP	P
KLR			10 57 43.0	-1.9
KLR			10 59 49.5	
KLR	comp=N,1um,14.0s			
KLR	comp=Z,3um,14.0s			
KLR	comp=Z,9um,13.0s,MS6.0			
CD2	Chengdu	54.26 312	P	P
CD2			10 57 45.5	-0.5
CD2			10 57 56.1	+0.2
CD2			11 00 00.0	+0.2
CD2			11 00 56.5	-3.6
CD2			11 05 17.3	-2.3
CD2	comp=Z,360nm,2.8s,mb5.8			
CD2	comp=E,5um,23.4s			
CD2	comp=Z,9um,30.0s			
HHC	Hu-ho-hao-te	55.14 327	eP	P
HHC			10 57 52.0	-0.4
HHC			10 58 51.3	-1.9
HHC			10 59 57.2	0.0
HHC			11 02 45.1	
HHC			11 02 51.0	
HHC			11 05 37.7	+6.3
HHC			11 06 50.9	
HHC			11 07 53.3	+6.4
HHC			11 08 35.2	-0.3
HHC	comp=Z,10.0nm,1.3s,mb4.7			
HHC	comp=Z,1um,8.4s			
HHC	comp=N,9um,21.6s,MS5.9			
HHC	comp=E,7um,19.2s,MS5.9			
HHC	comp=Z,16um,21.6s,MS6.1			
BTO	Baotou	55.84 325	eP	P
BTO			10 57 58.8	+1.3
PET	Petropavlovsk	56.71	8 eP	P
PET			10 58 01.4	-2.1
PET			11 00 14.0	
PET			11 05 49.0	-3.0
PET			11 07 45.2	
PET	comp=Z,11um,18.0s,MS6.0			
PET	Petropavlovsk	56.71	8 eP	P
PET			10 58 01.4	-2.1
PET			11 00 14.0	
PET			11 05 49.0	-3.0
PET			11 07 45.2	
PET	comp=Z,1um,11.8s			
PET	comp=Z,62nm,1.0s,mb5.6			
PET	comp=Z,1um,3.7s			
PET	comp=Z,56nm,1.1s,mb5.5			
PET	comp=Z,37nm,1.3s,mb5.2			
PET	comp=N,1um,14.4s			
PET	comp=Z,2um,14.6s			
PET	comp=E,5um,13.3s			
PET	comp=N,14um,28.4s			
PET	comp=Z,11um,18.0s,MS6.0			
PET	comp=Z,10um,19.0s			
LZH	Lanzhou	56.94 317	P	P
LZH			10 58 04.5	-0.9
LZH			10 58 15.2	-0.2
LZH			10 58 19.0	-0.1
LZH			11 00 12.5	-0.9
LZH			11 05 53.5	-1.7
LZH			11 09 42.7	-2.2
LZH	comp=N,180nm,1.4s,mb5.9			
LZH	comp=Z,1um,6.3s			
LZH	comp=N,5um,15.2s			
LZH	comp=Z,9um,18.3s,MS5.9			
LZH	Lanzhou	56.94 317	P	P
LZH			10 58 04.5	-0.9
LZH			10 58 15.2	-0.2
LZH			10 58 19.0	-0.1
LZH			11 00 12.5	-0.9
LZH			11 05 53.5	-1.7
LZH			11 09 42.7	-2.2
LZH	comp=Z,9um,18.3s,MS5.9			
KIP	Kipapa	58.02 62	PFAKE	LR
KIP			10 58 20.0	+6.9
KIP	Kipapa	58.02 62	eP	P
KIP			10 58 15.0	+1.9
KIP	Attu Island-F	59.70 17	P	P
KIP			10 58 23.5	-0.9
KIP	Attu Island-F	59.70 17	eP	P
KIP			10 58 25.9	+0.7
POHA	POHA	59.75 65	eP	P
POHA			10 58 25.9	+0.7
POHA	comp=Z,163nm,1.9s,mb5.7			
SMY	Shemya	59.85 18	eP	P
SMY			10 58 26.5	+1.1
SMY	comp=Z,235nm,0.9s,mb5.2			
GTA	Gaotai	61.41 319	eP	P
GTA			10 58 35.2	-1.1
GTA			10 58 45.1	+1.4
GTA			10 59 16.2	-1.7
GTA			11 00 52.9	-0.8
GTA			11 03 13.8	
GTA			11 06 52.2	-1.1
GTA			11 10 55.5	-0.1
GTA	comp=Z,20nm,1.4s,mb5.0			
GTA	comp=Z,510nm,4.9s			
GTA	comp=N,6um,27.4s,MS5.8			
GTA	comp=E,7um,23.6s,MS5.8			
GTA	comp=Z,16um,34.2s			
SHL	Shillong	61.57 301	eP	P
SHL			10 58 37.0	-0.5
SHL			11 07 04.0	
SHL			10 58 44.0	
SHL			10 58 41.5	-1.0
AGT	Agartala	61.58 299	eP	P
AGT			10 58 41.5	-1.0
CIT	Chita	62.36 337	eP	P
CIT			10 58 41.5	-1.0
CIT	comp=Z,303nm,1.9s,mb5.1			
CIT	Chita	62.36 337	eP	P
CIT			10 58 41.5	-1.0
PPT	Papeete	62.56 108	eP	P
PPT			10 58 44.9	+0.6

PPT	comp=Z,127nm,1.4s,mb5.8			
PPT	Papeete	62.56 108	eS	S
PPT			11 07 09.4	+1.3
PPT			11 14 29.4	
PPT			11 17 47.5	
PPT	comp=Z,43um,28.0s,MS5.9			
PAE	Paea	62.57 108	LR	LR
PAE			11 21 44.2	
PAE	comp=Z,7um,18.4s,MS5.9			
PAE	Paea	62.57 108	eP	P
PAE			10 58 44.7	+0.4
SOMN	Songno Array	62.59 330	P	P
SOMN			10 58 41.6	-2.5
SOMN	comp=Z,21nm,1.0s,mb5.2			
SOMN	comp=Z,14um,20.1s,MS6.1			
SOMN	comp=Z,0.3nm,0.4s,MS6.1			
MA2	Magadan	62.62 1	eP	P
MA2			10 58 42.6	-1.5
MA2	Magadan	62.62 1	eP	P
MA2			10 58 42.6	-1.5
CLNS	Chu'nan	62.77 346	eP	P
CLNS			10 58 42.0	-3.1

Table with columns for station name, frequency, power, and other technical details. Includes stations like Idaho Springs, Neumayer-Stat, Great Sand Dun, Obninsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TREC, TREC, TREC, Novy Kostel, Pruhonice, Colim, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HRV Harvard-Oak R, BGF Bois d'Agland, WES Weston, etc.

ISK 05 10:55:35.2, 38.11N-26.70E, h13km, MD3.3
NEIC 05 10:55:35.0, 38.11N-26.73E, h14km, MD3.3(ISK), MD3.3(ATH), After ISK.
ATH 05 10:55:36.3, 38.11N-26.51E, h23km, 1km, MD3.3/3
CSEM 05 10:55:36.5, 0.1, 38.11N-26.81E, h20km, MD3.3, Error ellipse: s-maj=3.0km s-min=1.8km az=72.0
ISC 05 10:55:35.0-0.6, 38.12N-26.03-26.66E, 0.05, h6km, 5km, 11, -0.82/66, Aegean Sea

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like URLA Izmir, URLA Balçova, BLCB Balçova, etc.

IOC 05 11:02:28.0, 1.8, 3.45S-149.32E, mb4.0/6, mb1 4.2/7, mb1mx4.0/13, mbtmp4.0/7, ML2.2/1, Error ellipse:

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

ISC 05 14:08:49.4, 0.6, 52.3N, 0.2, 178.65W, 0.08, h182km, 5km, n22, c0f76/30, mb3.4/A, Andreanof Islands

NEIC 05 13:52:37.4, 4.1, 33.27S x 178.35W, h12km, 24km, mb4.8/7, Error ellipse: s-maj=1.9, s-min=9.2km az=85.0

ISC 05 13:52:35.9, 0.7, 33.27S, 0.15, 177.4W, 0.1, h10km, n66, c1935/71, mb4.6/9, MS4.2/1, 5C-1D, South of Kermadec Islands

Main table of station data for the left column, including RAOU, MATAKAOA, PUKETTI, etc.

ISC 05 14:08:47.6, 3.9, 51.90N x 178.55W, h149km, 42km, mb3.3/5, mb1.3/7, mb1mx3.4/25, mbtmp3.9/7, Error ellipse: s-maj=47.5km s-min=17.3km az=154.0

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

ISC 05 14:11:10.8, 34.75N-25.32E, h33km, Mb3.9, AITH 05 14:11:12.2, 34.35N-25.27E, h25km, 2km, MD3.8/7

NEIC 05 14:11:12.2, 34.35N-25.27E, h25km, 2km, MD3.8/7, AITH 05 14:11:12.2, 34.35N-25.27E, h25km, 2km, MD3.8(ATH), After ATH.

CSEM 05 14:11:12.6, 0.1, 34.55N-25.43E, h80km, MD3.8, Error ellipse: s-maj=2.9km s-min=1.8km az=66.0

ISC 05 14:11:14.0, 0.4, 34.40N-25.43E, 0.07, h46km, 11km, n31, c1808/35, mb3.2/2, AD, Crete

Main table of station data for the middle column, including KHRSI, NEAPOLIS, etc.

ISC 05 14:13:06.9, 2.1, 33.04S x 179.09W, mb4.3/3, mb1.4/4, mb1mx4.1/12, mbtmp4.3/4, ML4.0/1, MS4.1/3, Mst1.4/1/3, ms1mx3.4/32, Error ellipse: s-maj=53.8km s-min=36.4km az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LA CEIBA, TECPAN 2, MARMOL, etc.

ISC 05 14:37:00.4, 0.4, 9.68S x 118.01E, mb4.9/21, mb1.4/9/23, mb1mx4.9/24, mbtmp4.9/23, ML4.7/2, MS4.1/1, Mst1.4/1/10, ms1mx3.8/23, Error ellipse: s-maj=18.3km s-min=12.3km az=79.0

NEIC 05 14:37:01.4, 2.7, 9.74S x 117.98E, h7km, 16km, mb4.9/23, Error ellipse: s-maj=8.0km s-min=4.8km az=67.0

MOS 05 14:37:03.1, 1.6, 9.57S x 118.22E, h33km, mb5.2/18, Error ellipse: s-maj=27.7km s-min=12.9km az=112.9

ISC 05 14:37:04.3, 1.5, 9.73S, 0.04, 118.08E, 0.05, h42km, 13km, h23km, 4.2km, pp-P, n183, c1901/163, mb4.9/72, MS4.1/15, 14C-11D, Sumbawa region

Main table of station data for the right column, including PALU, LEMBANG, FITZ, etc.

Table of astronomical observations for 5d 15h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, listing station names, coordinates, and observation details.

Table of astronomical observations for 104, listing station names, coordinates, and observation details.

MMK	Mattmark	1.22	74	eP	Pb	15 18 14.9	+0.7	MEZF	baz=162	ePg	Pg	15 18 48.4	-0.7	YER	Yerkesik	1.71	127	Pn	Pn	15 27 43.1	-0.2		
BRANT	Les Verrieres	1.22	61	fPn	Pb	15 18 17.2	+2.5	MEZF		eSn	Sn	15 19 13.4	-0.9	BALB	Balikesir	1.79	35	PN	Pn	15 27 43.9	-0.6		
BRANT	Les Verrieres	1.22	61	eP	Pb	15 18 17.1	+2.9	MEZF		eSn	Sn	15 19 13.4	-0.9	BALB	Balikesir	1.79	35	PN	Pn	15 27 44.0	-0.5		
SURF	Saint Ours	1.30	463	Pg	Sg	15 18 19.7	+2.7	MEZF	28nm,0.4s	eSg	Sg	15 19 25.6	-2.2	BALB	Balikesir	1.79	35	PN	Pn	15 27 44.0	-0.5		
SURF		1.33	141	fPn	Pg	15 18 37.9	+3.6	MEZF		eSg	Sg	15 19 25.6	-2.2	BALB	Tokmak	1.96	35	fP	Pn	15 27 46.9	+0.1		
WIMMIS	Wimmis	1.33	44	fPn	Pg	15 18 37.9	+3.6	MEZF		eSg	Sg	15 18 48.4	-0.7	STOK						15 28 17.4	+5.0		
PZZ	Prazzo	1.35	154	P	Pb	15 18 16.9	+0.6	MEZF		eSg	Sg	15 19 13.4	-0.9	DENT	Denizli	2.00	101	PN	Pn	15 27 47.3	-0.1		
PZZ	Prazzo	1.35	154	P	Pb	15 18 16.9	+0.6	MEZF		eSg	Sg	15 19 25.6	-2.2	DENT	Denizli	2.00	101	PN	Pn	15 27 47.3	0.0		
DOI	San Damiano	1.40	150	Pg	Pg	15 18 18.5	-0.5	MEZF	14nm,0.4s	eSg	Sg	15 19 13.4	-0.9	DNZL	Cakiroglu	2.02	103	iP	Pn	15 27 47.6	-0.1		
VIVF	Saint-Julien-I	1.43	233	ePn	Pg	15 18 19.7	+2.1	DAVA	Damuels	2.94	57	fPn	PN	15 18 41.0	+1.8	DNZL				15 27 47.6	-0.1		
VIVF		1.43	233	ePn	Pg	15 18 21.0	+1.4	DAVA	Damuels	2.94	57	fPn	PN	15 19 15.4	+0.2	LIA	Limnos Island	2.03	329	ePn	Pn	15 28 15.6	+1.6
VIVF		296nm,0.2s		eSg	Sg	15 18 38.0	+1.3	DAVA	Damuels	2.94	57	fPn	PN	15 19 28.7	-0.3	LIA	Limnos Island	2.03	329	ePn	Pn	15 27 48.7	+0.8
VIVF		376nm,0.2s		eSg	Sg	15 18 39.5	+0.9	DAVA	Damuels	2.94	57	fPn	PN	15 18 41.0	+1.8	LOS				15 28 17.0	+0.8		
STV	Sta Anna Valdi	1.65	153	P	Pn	15 18 21.7	+0.9	DAVA	Damuels	2.94	57	fPn	PN	15 19 28.7	-0.3	PTL	Penteli	2.13	268	ePB	Pb	15 27 50.0	-1.3
STV	Sta Anna Valdi	1.65	153	P	Pn	15 18 21.7	+0.9	GRAM		2.95	113	P	PN	15 18 39.3	-0.1	DST	Dursunbey	2.16	48	PN	Pn	15 27 49.2	-0.5
STV2	Anna di Valdie	1.65	153	P	Pn	15 18 21.6	+0.8	HYF	Humbligny	2.95	303	ePn	Pn	15 18 40.3	+0.9	DST	Dursunbey	2.16	48	PN	Pn	15 27 50.9	-0.3
STV2				S	Sn	15 18 40.5	-2.0	HYF		ePn	Pn	15 18 40.3	+0.9	DALT	Dalyan (Mudla)	2.16	130	ePN	Pn	15 27 49.4	-0.4		
STV2	Anna di Valdie	1.65	153	P	Pn	15 18 21.6	+0.8	HYF		ePn	Pn	15 18 40.3	+0.9	DALT	Dalyan (Mudla)	2.16	130	PN	Pn	15 27 49.4	-0.3		
STV2				S	Sn	15 18 40.5	-2.0	HYF		ePn	Pn	15 18 40.3	+0.9	LPK	Lapseki	2.21	4	PN	Pn	15 27 49.6	-0.8		
ENR	Entracque	1.70	151	S	Sn	15 18 40.5	-2.0	HYF		ePn	Pn	15 18 40.3	+0.9	LPK	Lapseki	2.21	4	PN	Pn	15 27 49.6	-0.7		
ENR				S	Sn	15 18 41.7	-2.0	RFYF	Refroy	2.96	350	ePn	Pn	15 18 39.6	+0.1	MPAR	Paras Oros	2.23	270	ePN	Pn	15 27 51.8	+1.1
ENR	Entracque	1.70	151	P	Pn	15 18 22.3	+0.8	RFYF	baz=163	ePn	Pn	15 18 39.6	+0.1	ATH	Athens Observa	2.26	266	ePN	Pn	15 27 51.9	-0.8		
ENR				S	Sn	15 18 41.7	-2.0	RFYF		eSg	Sg	15 19 14.3	-1.4	ARG	Arhangelos	2.31	147	ePN	Pn	15 27 51.6	-0.3		
ENR				S	Sn	15 18 41.7	-2.0	RFYF		eSg	Sg	15 19 27.0	-2.7	AOS	Alonnissos	2.33	296	ePN	Pn	15 27 53.0	+0.9		
VARESE	Varese	1.75	84	Pg	Pg	15 18 24.9	+1.1	BACM		3.05	117	P	PN	15 18 40.9	+0.1	ACOS				15 28 22.7	+0.9		
BOURN	Bournonville	1.80	21	ePn	Pn	15 18 24.6	+1.7	BACM		3.05	117	P	PN	15 18 40.9	+0.1	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.7	-0.5
SMRF	Simiane la Rot	1.82	196	ePn	Pn	15 18 29.0	+0.9	CAF	Calviac	3.08	257	ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.5
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn	15 27 51.8	-0.4		
SMRF				eSg	Sg	15 18 29.0	+0.9	CAF		ePn	Pn	15 18 42.4	+1.2	KHL	Karahalli	2.33	85	PN	Pn				

5d 15h

2005 NOV

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various signal strength/quality indicators. The table lists numerous radio stations across the region, including Matakaoa Point, White Island, Matakaoa Pt, and many others, with their respective frequencies and operational details.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ARCES, GNI, TBLG, HAKT, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like LOR, SSS, CABF, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HENT Hendek, ULDT Uludag, KAMT Kaman, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIZIL Kizilcal, ALT Altintas, KDHN Kadinhani, etc.

BUJ 05 17:32:06.0, 12.80S-166.80E, h94km, mb4.9, mb4.7
MOS 05 17:32:07.0, 1.1, 12.70S-166.57E, h96km, mb4.8/6, Error ellipse: s-maj=22.2km s-min=19.9km az=42.7

SONM Songino Array 80.60 324 P
SONM comp=Z,1.8m,0.6s,mb4.1,baz=140,slow=7.1,SNR=12
SONM comp=Z,1.5m,0.6s,baz=140,slow=6.5,SNR=5.7

NDI 05 17:38:03.4, 2.9, 32.41N-78.78E, h10km, MD3.1, ML3.0, Kashmir-Xizang border region
Code Station Name Az Az' Phase ID Time Res ISC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, ILAR Elselon Array, ILAR Elselon Array, etc.

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

ISK 05 17:48:27.6, 0.39, 05N-31.13E, h2km, ML3.9
NEIC 05 17:48:27.0, 0.39, 05N-31.12E, h5km, ML3.8(ISK), After ISK
CSEM 05 17:36:23.7, 0.39, 06N-31.15E, h2km, MD3.5, After ISK
ISC 05 17:36:24.0, 0.39, 03N-0.02, 31.17E, 0.03, h2km, m38, 0.0995/53, Turkey
Code Station Name Az Az' Phase ID Time Res ISC

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

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

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

HLW 05 17:57:26.9, 34.93N-25.64E, h15km, Mb3.3
ATH 05 17:57:27.1, 34.73N-26.00E, h39km, 3km, MD3.3/3
NEIC 05 17:57:27.1, 34.73N-26.00E, h39km, MD3.3(ATH), After ATH.
CSEM 05 17:57:29.0, 34.366N-25.87E, h25km, MD3.3, Error

Table with columns: LDF, Station Name, Time, Res, etc. Includes stations like La Druitiere, La Foliniere, Danmarks Havn, etc.

Table with columns: HHC, Station Name, Time, Res, etc. Includes stations like HHC, HHC, HHC, etc.

Table with columns: VNA2, Station Name, Time, Res, etc. Includes stations like Neumayer-Watz, VNA2, VNA3, etc.

MOS 06:02:09:51.5, 1.0, 34.74N:73.03E, h17km, mb4.3/11, Error ellipse: s-maj=19.5km s-min=10.7km az=94.5

BJI 06:02:09:52.0, 35.19N:72.27E, h32km, mb3.9, ML4.1, Error ellipse: s-maj=8.4km s-min=7.2km az=218.0

NDI 06:02:09:53.8, 0.8, 34.77N:73.72E, h19km, mb4.8/12, Error ellipse: s-maj=18.8km s-min=13.5km az=27.0

NDC 06:02:10:00:45.0, 34.93N:72.75E, h74km, mb5.2km, mpv4.3, Error ellipse: s-maj=55.5km s-min=37.4km az=93.0

ISC 06:02:09:53.7, 0.3, 34.53N:73.15E, 0.05, h19km, h19km, 5km, p-P, n80, 133/80, mb4.0/19, 2C-7D,

IDC 06:01:56:59.8, 0.6, 12.34N:143.82E, mb4.5/13, mb1.4/6/13, mb1mx4.5/20, mbmp4.5/13, MS4.0, MS1.4, 0.05, ms1mx3.7/22, Error ellipse: s-maj=20.9km s-min=13.9km az=87.0

HRVD 06:01:57:00.3, 0.4, 12.23N:143.80E, h14km, 1km, MW5.0/50, Centroid moment tensor solution. LP duration: 0. Moment tensor: Scale 10^10Nm; Mn=3.39; 2.3; Mw=0.72; 1.4; Mw=2.67; 1.5; Mw=0.35; 3.8; Mw=1.76; 1.0; Mw=1.4; 3.3; Best double couple: M3.752x10^16 NP1.35; 315; 340; -1.12; NP2.163; 353; -1.72; Principal axes: T 3.8, P17.7, Azm241; N -0.95; Plg14; Azm333; P -3.705, Plg7; Azm121; nst1 refers to body waves,

NEIC 06:01:57:00.3, 4.3, 12.32N:143.86E, h3km, 26km, mb4.9/15 Error ellipse: s-maj=8.4km s-min=6.4km az=90.0

BJI 06:01:57:01.0, 12.41N:143.81E, h8km, mb4.8, mb4.8, MS4.8, MS4.2

MOS 06:01:57:02.0, 2.0, 12.28N:143.94E, h33km, mb5.1/7, Error ellipse: s-maj=40.8km s-min=15.2km az=103.3

ISC 06:01:56:59.4, 1.9, 12.27N:0.05, 143.85E, 0.06, h8km, 11km, h15km, 8km, p-P, n91, 115/82, mb4.7/42, MS4.1/10,

10C-2D, South of Mariana Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like GUM0, GUM0, GUM0, etc.

Table with columns: HHC, Station Name, Time, Res, etc. Includes stations like HHC, HHC, HHC, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like VNA2, VNA2, VNA3, etc.

6d 2h

ARU	comp=N,400nm,14.0s,MS4.2	MLR	MLR		
ARU	comp=E,400nm,15.0s,MS4.2	MLR	MLR		
HAKKARI	24.15 286	iP	P	02 17 09.6 +1.1	
ZEI	24.37 298	eP	P	02 17 09.9 -0.7	
ZEI		i		02 17 43.2	
		pmax	pmax		
TVAN	comp-Z,37nm,0.7s,mb4.9				
VAN	24.38 288	iP	P	02 17 16.1 +5.4	
VAN	24.39 288	eP	P	02 17 14.1 +3.3	
AKH	24.48 295	P	P	02 17 15.1 +3.5	
AKH	24.66 298	P	P	02 17 17.4 +4.0	
ONI	24.66 298	P	P	02 17 17.4 +4.0	
MSL	24.72 283	ex	x	02 17 21.5	
MSL	24.82 231	ex	x	02 21 41.5	
ABTO	24.82 231	ip	P	02 17 15.8 +0.6	
	SNR=61				
LZH	24.84 78	P	P	02 17 17.3 +2.1	
LZH		AP	P	02 17 24.0	
LZH		XP	P	02 17 27.8	
LZH		PP	PP	02 17 55.0 +2.8	
LZH		S	S	02 21 30.0 -4.6	
LZH		XS	S	02 21 45.0	
LZH		eSS	SS	02 22 28.0 -4.5	
LZH		AMB	AMB		
LZH	comp-Z,360nm,1.0s,mb5.9				
LZH	comp-Z,2um,4.2s				
LZH	comp-N,4um,16.7s	LR	LR		
LZH	comp-Z,3um,18.8s,MS4.8	LR	LR		
LZH	comp-Z,360nm,1.0s,mb5.9	P	P	02 17 17.3 +2.1	
LZH		pP	P	02 17 24.0	
LZH		sP	P	02 17 27.8	
LZH		PP	PP	02 17 55.0 +2.8	
LZH		S	S	02 21 30.0 -4.6	
LZH		eSS	SS	02 21 45.0	
LZH		eSS	SS	02 22 28.0 -4.5	
LZH		LR	LR		
LZH	comp-Z,3um,18.8s,MS4.8				
SIRT	Sirnak	25.16 286	eP	P	02 17 09.1 -9.2
RYDS	Riyadh	25.44 253	P	P	02 17 18.1 -2.8
GOF	Gofitskoye	25.45 303	ip	P	02 17 23.0 +2.1
GOF					
KIV	Kislovodsk	25.45 301	eP	P	02 17 21.5 +0.6
KIV	comp-Z,68nm,1.3s,mb5.0				
KIV	comp-Z,296nm,20.0s,MS3.8	LR	LR		
KIV	Kislovodsk	25.45 301	eP	P	02 17 21.5 +0.6
KIV		eS	S	02 21 42.2 -2.6	
KIV	comp-Z,18nm,0.7s,mb4.7				
KIV		pmax	pmax		
KIV	comp-Z,1um,20.0s,MS4.4	MLR	MLR		
CD2	Chengdu	25.74 90	ip	P	02 17 24.6 +0.8
CD2		AP	P	02 17 29.3 +1.5	
CD2		XP	P	02 17 32.1 +2.5	
CD2		PP	PP	02 18 05.4 +1.4	
CD2		S	S	02 21 50.7 +0.9	
CD2		XS	S	02 21 56.3	
CD2		SS	SS	02 22 55.2 +0.8	
CD2		AMB	AMB		
CD2	comp-Z,40nm,1.2s,mb4.8	LR	LR		
CD2	comp-E,1um,13.2s	LR	LR		
CD2	comp-Z,1um,13.3s,MS4.6	LR	LR		
BTM	Batman	25.89 287	eP	P	02 17 28.4 +3.3
ERZM	Erzurum	25.98 291	iP	P	02 17 29.3 +3.4
MOY	Mondy	26.20 41	eP	P	02 17 29.9 +2.1
MOY					
MARD	Mardin	26.49 286	iP	P	02 17 30.8 +0.2
ZAK	Zakamensk	26.89 451	ip	P	02 17 35.6 +1.4
ZAK					
ZAK	comp-Z,32nm,1.0s,mb4.8				
ZAK	comp-Z,13nm,0.9s,mb4.9				
ZAK		pmax	pmax		
DIY	Diyarbakir	26.89 287	eP	P	02 17 34.3 0.0
KMI	Kunming	27.05 102	P	P	02 17 37.2 +1.4
KMI		AP	P	02 17 40.0 +0.2	
KMI		XP	P	02 17 41.2 -0.4	
KMI		PP	PP	02 18 22.8 +0.8	
KMI		PPP	PPP	02 18 34.9 +0.9	
KMI		PCP	PCP	02 20 59.1 +1.6	
KMI		S	S	02 22 13.7 +2.4	
KMI		XS	S	02 22 17.9	
KMI		SS	SS	02 23 26.3 +0.6	
KMI		SSS	SSS	02 23 43.4 -0.4	
KMI		AMB	AMB		
KMI	comp-Z,20nm,1.0s,mb4.6				
KMI	comp-Z,130nm,3.9s	AMB	AMB		
KMI	comp-N,910nm,18.2s,MS4.6	LR	LR		
KMI	comp-E,910nm,14.7s,MS4.6	LR	LR		
KMI	comp-Z,2um,11.5s,MS4.8	LR	LR		
KMI	Kunming	27.05 102	P	P	02 17 37.2 +1.4
KMI	comp-Z,29nm,1.0s,mb4.0				
KMI		pP	P	02 17 40.0 +0.2	
KMI		sP	P	02 17 41.2 -0.4	
KMI		PP	PP	02 18 22.8 +0.8	
KMI		PPP	PPP	02 18 34.9 +0.9	
KMI		PCP	PCP	02 20 59.1 +1.6	
KMI		S	S	02 22 13.7 +2.4	
KMI		SS	SS	02 22 17.9	
KMI		SS	SS	02 23 26.3 +0.6	
KMI		SSS	SSS	02 23 43.4 -0.4	
KMI		LR	LR		
KMI	comp-Z,2um,11.5s,MS4.8				
PTK	Pertek	27.51 289	eP	P	02 17 40.2 +0.3
SOC	Sochi	27.52 299	eP	P	02 17 40.7 +0.8
SOC		e		02 18 20.6	
SOC		e		02 20 59.7	
SOC		eS	S	02 22 19.9 +1.2	
SOC	comp-Z,29nm,1.2s,mb4.8				
SOC		pmax	pmax		
SOC	comp-Z,1um,23.0s,MS4.3	MLR	MLR		
SOMI	Songino Array	27.92 52	P	P	02 17 44.2 +0.7
SOMI	comp-Z,35nm,0.8s,mb5.1,baz=258,slow=9.5,SNR=115	ScP		02 24 35.7	
SOMI	comp-Z,3.2nm,0.9s,baz=219,slow=4.3,SNR=4.4	LR	LR	02 30 16.4	
SOMI	comp-Z,8um,18.1s,MS5.3,baz=234,slow=39	LR	LR		
HLS	Ha'il	27.95 264	P	P	02 17 43.8 -0.3
URFA	Urfa	28.04 286	eP	P	02 17 42.6 -2.1
IRK	Irkutsk	28.26 42	eP	P	02 17 44.2 -2.3
IRK					
VRHR	Novokhopersk	28.29 316	eP	P	02 17 47.3 +0.5
VRHR					
VRHR	comp-Z,60nm,0.8s,mb5.3				
VRHR	comp-N,50nm,1.3s				
VRHR	comp-E,80nm,0.7s				
VRHR					
AFFS	'Afi	28.46 256	P	P	02 17 47.5 -1.2
GZT	Gaziantep	29.04 286	P	P	02 17 54.2 +0.4
XAN	Xi'an	29.26 81	P	P	02 17 55.1 +0.1
XAN		AP	pP	02 18 02.3 +2.5	
XAN		AMB	AMB		
XAN	comp-Z,50nm,1.2s,mb5.1	LR	LR		
XAN	comp-E,940nm,15.6s	LR	LR		
XAN	comp-Z,990nm,14.2s,MS4.6	LR	LR		
ANN	Anapa	29.31 301	eP	P	02 18 11.4 +1.5
ANN					
ANN	comp-Z,83nm,1.2s,mb5.3	MLR	MLR		
ANN	comp-N,1um,16.0s,MS5.0	MLR	MLR		
ANN	comp-E,2um,16.0s,MS5.0	MLR	MLR		
ANN	comp-Z,2um,16.0s,MS4.9	MLR	MLR		
GAZ	Gaziantep	29.34 286	eP	P	02 17 58.5 +2.1
BTO	Baotou	29.50 67	eP	P	02 17 59.1 +1.3

2005 NOV

BTO	comp-Z,40nm,0.9s,mb5.2	AMB	AMB		
BTO	comp-N,700nm,3.9s	LR	LR		
BTO	comp-E,1um,12.4s	LR	LR		
PECR	Pechyory	29.57 326	eP	P	02 17 57.0 -1.3
GYA	Guyang	29.67 97	ip	P	02 17 58.8 -0.7
GYA		AP	pP	02 18 03.2 -0.3	
GYA		XP	sP	02 18 06.7 +1.4	
GYA		PCP	PcP	02 21 04.1 +0.2	
GYA		S	S	02 22 52.1 -1.3	
GYA		PCS	S	02 24 46.2	
GYA	comp-Z,20nm,0.8s,mb4.9	AMB	AMB		
GYA	comp-Z,130nm,4.8s	AMB	AMB		
GYA	comp-N,1um,17.7s,MS4.8	LR	LR		
GYA	comp-E,2um,16.5s,MS4.8	LR	LR		
GYA	comp-Z,2um,18.3s,MS4.7	LR	LR		
VOR	Voronezh	29.93 316	P	P	02 18 04.0 +2.4
VOR				02 18 54.0	
VOR	comp-N,30nm,1.5s				
VOR	comp-Z,40nm,1.5s,mb4.9	pmax	pmax		
COBT	Iskenderun	30.18 285	iP	P	02 18 03.1 -0.8
QURS	Qurayyat Al Mil	30.34 274	P	P	02 18 06.0 +0.6
KOZT	Kozan	30.41 287	eP	P	02 18 12.0 +6.1
NST	Nakhon Sawan	30.49 121	P	P	02 18 19.0 +1.2
CEYT	Ceyhan	30.52 286	eP	P	02 18 04.0 -3.0
ENH	Enshi	30.65 881	eP	P	02 18 08.3 +0.1
KBRS	Khaybar	30.66 263	P	P	02 18 08.9 +0.6
HHC	Hu-ho-hao-te	30.67 67	eP	P	02 18 09.6 +1.4
HHC		AP	pP	02 18 13.8 +1.6	
HHC		XP	sP	02 18 16.4 +2.4	
HHC		PP	PP	02 19 12.3 +3.4	
HHC		PCP	PcP	02 21 04.1 -2.2	
HHC		S	S	02 23 14.4 +5.4	
HHC		XS	S	02 23 21.6	
HHC		SCP	S	02 24 45.4	
HHC		PCS	S	02 24 47.1	
HHC		SCS	ScS	02 28 41.1 -1.2	
HHC		AMB	AMB		
HHC	comp-Z,20nm,1.1s,mb4.9	AMB	AMB		
HHC	comp-Z,340nm,5.4s	LR	LR		
HHC	comp-N,2um,11.3s,MS5.1	LR	LR		
HHC	comp-E,2um,10.8s,MS5.1	LR	LR		
HHC	comp-Z,2um,14.4s,MS4.8	LR	LR		
BOYT	Boyyabat	30.92 294	iP	P	02 18 11.9 +1.5
BHL	Bhannes	31.10 280	eP	P	02 18 13.1 +1.0
KAMT	Kaman	31.90 290	P	P	02 18 20.5 +1.5
SIM	Simferopol'	31.67 301	eS	S	02 23 27.0 +2.4
SIM					
BLJS	Bajurashi	31.68 251	P	P	02 18 17.3 +0.1
BR131	Keskin Array S	31.93 2911	eP	P	02 18 20.0 +0.7
BRTR	Keskin Array B	31.93 291	P	P	02 18 20.2 +0.9
BRTR	comp-Z,6.7nm,0.8s,mb4.5,baz=86,slow=9.5,SNR=27			02 24 49.6	
BRTR	comp-Z,2.6nm,0.9s,baz=144,slow=5.0,SNR=5.9				
TBKS	Tabuk	31.96 269	P	P	02 18 21.3 +1.6
YNBS	Yanbu' al Bahr	32.33 261	P	P	02 18 23.1 +0.2
LTHS	Al Lith	32.39 253	P	P	02 18 23.5 +0.8
MOS	Moscow	32.41 322	eP	P	02 18 27.1 +0.0
MOS		e		02 19 34.3	
MOS		ePPP	PPP	02 19 43.1 -3.7	
MOS		eS	S	02 23 39.0	
MOS	comp-Z,41nm,1.0s,mb5.2				

Table of station data for the left column, including call signs like ESLS, EQES, EBAN, etc., and their associated frequencies and coordinates.

Table of station data for the middle column, including call signs like PMG, YKVA, YKA, etc., and their associated frequencies and coordinates.

Table of station data for the right column, including call signs like PVCP, MSLP, MAASIN, etc., and their associated frequencies and coordinates.

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

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

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

DHMR 06 12:11:09.8, 1.5, 11.74N-43.61E, h7km, 14km, ML5.0
MOS 06 12:11:09.7, 0.8, 10.65N-43.77E, h10km, mb4.4/6, Error ellipse: s-maj=31.1km s-min=11.9km az=91.9
IDC 06 12:11:16.3, 0.9, 11.78N-43.62E, mb4.3/13, mb1 4.4/14, mb1mx4.3/21, mbtp4.3/14, ML3.3/1, MS4.2/7, Ms1 4.2/7, ms1mx3.8/27, Error ellipse: s-maj=23.6km s-min=8.3km az=151.0
BUJ 06 12:11:17.1, 1.1, 11.98N-42.68E, h31km, mb5.0, mb4.7
CSEM 06 12:11:17.0, 1.1, 12.00N-43.93E, h10km, mb4.5/7, Error ellipse: s-maj=4.6km s-min=3.4km az=118.0
NEIC 06 12:11:18.3, 0.6, 11.70N-43.63E, h10km, mb4.5/10, ML5.0(DHMR), Error ellipse: s-maj=14.8km s-min=10.6km az=154.0
ISC 06 12:11:17.1, 0.5, 11.82N-0.04+43.86E, 0.06, h10km, n80,

6d 13h

SONM Songino Array 62.96 42 P P 12 21 45.4 -0.8
TIXI Tiksi 77.29 19 eP P 12 23 12.8 -0.2
TIXI comp=Z,4.07nm,20.0s,MS4.7
TIXI Tiksi 77.29 19 eP P 12 23 12.8 -0.2
MAW Lawson 80.40 173 LR LR 12 55 18.5
WRA Warramunga Arr 94.39 109 P P 12 24 39.4 +0.3

NIC 06 12:21:38.2-0.3,37.91N-30.02E,h46km,mb4.6,ML4.2,MW3.9

CSEM 06 12:21:42.9-0.0,07.371N-30.44E,h10km,mb4.3/13,Error ellipse: s-maj=1.1km s-min=0.9km az=7.0
IDC 06 12:21:44.5-0.7,37.051N-30.24E,mb4.1/11,mb1 4.1/16,mb1mx4.0/26,mb1mp4.0/16,ML3.7/4,Error ellipse: s-maj=18.0km s-min=13.3km az=124.0
MOS 06 12:21:44.2-1.0,36.99N-30.23E,h10km,mb4.3/10,Error ellipse: s-maj=20.4km s-min=9.6km az=83.5

HLW 06 12:21:47.2,36.96N-30.41E,h10km,mb4.1
ISC 06 12:21:43.0-0.7,36.96N-30.02-30.40E,0.02,h5km,5km,1179,19/05/211,mb4.4/25,7C-6D,Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like GOLH, ISPA, AKAS, etc.

2005 NOV

HNKL Nakhli 7.62 156 P P 12 23 37.5 +0.1
HNKL Nakhli 7.62 156 P Pn 12 23 37.5 +0.1
TIRR Tirusor 7.64 349 eP P 12 23 37.5 -0.1

MAN 06 12:51:07.5, 14.71N-123.08E, h78km, mb4.3, ML3.2, MS2.9, 1C, Luzon

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like GOP, POLP, etc.

NEIC 06 12:52.0-4.2, 21.22N-120.37E, h28km, mb4.7/2, Error ellipse: s-maj=17.3km s-min=12.5km az=96.0

ISC 06 13:18:48.6, 3.7, 21.15N-0.07, 120.45E-0.1, h17km, 28km, n16, c094/16, mb3.6/8, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like NACB, YHNB, etc.

IDC 06 13:27:49.7, 0.6, 49.12S-164.69E, mb4.6/6, mb1 4.7/8, mb1mx4.7/11, mb1mp4.6/8, ML4.4/2, MS4.8/12, Ms1 4.8/12, mb1mx4.6/16, Error ellipse: s-maj=27.0km s-min=20.9km az=51.0

MOS 06 13:27:53.5-3.3, 48.96S-164.13E, h10km, mb5.1/2, Error ellipse: s-maj=50.8km s-min=19.3km az=106.8

NEIC 06 13:28:00.1-3.4, 48.89S-164.84E, h74km, 12km, mb5.0/12, Error ellipse: s-maj=13.2km s-min=9.0km az=222.0

NEIC Fell on Stewart Island

Bull 06 13:28:03.6, 48.78S-164.90E, h103km, mb5.2, mb5.1

HRVO 06 13:28:03.7, 0.2, 49.13S-164.33E, h10km, MW5.4/69, Centroid moment tensor solution. LP body waves: s55, c107; Mantle waves: s69, c143; Half duration: 152

MFF Saint Martin d 24.60 303 eP P 12 27 04.3 -0.7

FINES FINES Array B 24.66 355 P P 12 27 06.5 +1.1

KAF Kangaseniemi 25.31 355 eP P 12 27 12.5 +0.9

CHZK Chkalovo 32.32 46 eP P 12 28 15.2 +0.4

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

ZAL Zalesovo 40.67 48 P P 12 29 25.4 -0.1

ARCES ARCESS Array B 32.74 357 P P 12 28 18.1 -0.3

124

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like WHZ, MLZ, etc.

ISC 06 13:27:52.7-1.4, 48.99S-165.05E, h164.75E-0.07, h15km, 9km, n160, c1850/126, mb4.9/19, MS4.8/18, 11C-9D, Off west

Code Station Name Az Op Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like WHZ, MLZ, etc.

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like MRZ Mangatoinaka R, BFZ Birch Farm, NRZ Ngari Road, etc.

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like KMI comp=E,200nm,18.5s,MS4.9, KMI comp=Z,260nm,17.2s,MS4.7, etc.

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, etc.

GUC 06 13:43:46.0:7.32,87Sx70.39W, h3km, 1km, MD4.3, ML4.4
NEIC 06 13:43:46.8:0.32,82Sx70.39W, h13km, 6km, mb4.3/3, ML4.4(GUC), Error ellipse: s-maj=8.5km s-min=5.8km baz=89.0

NEIC 06 14:19:11.4, 37.02N-8.43W, MN2.5(MDD), After MDD.
IMNG 06 14:19:12.4: 1.2, 36.87N-8.62W, h27km, 6km, ML2.2, Error ellipse: s-maj=8.4km s-min=8.2km az=57.0

MDD 06 14:19:12.5: 1.2, 36.90N-8.55W, h27km, 6km, ML2.5

MDD 06 14:19:12.5: 1.2, 36.90N-8.58W, h26km, 6km, mbLg2.5/22, 1C-2D, Error ellipse: s-maj=14.6km s-min=5.7km az=49.0, PRXIMO, West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes entries like MORF Marnelete, MORF Marnelete, MORF Sao Teotónio, etc.

6d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Vila Real, Quesada, Sonseca Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NIE, STHS, CRVS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CRIN, CNCH, LEON, etc.

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

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

2005 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like LVC, CEN1, ANCH, etc.

BULI 06:16:34:11.6, 19.10S: 178.40W, h612km, mB4.3, mb4.3
NEIC 06:16:34:11.7, 0.8, 19.09S: 178.42W, h613km, 10km,
mb4.2/15, Error ellipse: s-maj=10.7km s-min=7.7km

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

126

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like VNA2, PLCA, MKAR, etc.

IDC 06:16:34:15.7, 0.06S: 124.26E, mb3.6/3, mb1 3.8/3,
mb1mx3.6/2.1, mbtmp3.6/3, Error ellipse: s-maj=72.9km
s-min=27.8km az=73.0, Southern Molucca Sea

LDG 06:16:58:35.9, 0.0, 48.32N: 6.63E, h5km, Md2.7/4, Ml2.6/17,
Error ellipse: s-maj=0.9km s-min=0.7km az=175.0
STR 06:16:58:35.5, 0.2, 48.33N: 6.65E, h10km, 1km, Ml2.2, 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, h m s, ISC. Includes stations like WRA, MJAR, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like HAU, ECH, THEF, etc.

6d 22hg

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songoing Array, ORL Orlik, KRAR Krasnoyarsk, etc.

CSEM 06 19:38:28.9.0.1, 30.81N-56.87E, h16km, ML3.4, Error ellipse: s-maj=4.2km s-min=2.1km az=53.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBR Kerman, IBAF Bafgh, etc.

JMA 06 20:09:27.1.0.2, 22.25N*121.72E, h70km, M3.6, Taiwan region

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

THE 06 20:14:33.1, 39.24N-20.93E, h1km, ML3.2
ATH 06 20:14:34.1, 39.31N-21.02E, h11km, 2km, MD3.3, Error ellipse: s-maj=3.5km s-min=3.0km az=17.0

2005 NOV

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAN Janina, IGT Iguimenitsa, etc.

NEIC 06 20:14:36.3, 19.35N-64.89W, h2km, MD3.5 (RSPR), After RSPR.

RSPR 06 20:14:36.3, 19.35N-64.89W, h2km, 5km, MD3.5/5, MD3.5/5, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TBVI Tortola, MTP Monte Pirata, etc.

IDC 06 20:58:06.3.1.4, 32.84N-143.20E, mb3.8/3.0, mb1 4.0/4, mb1mx3.6/19, mbtmp3.7/7, ML2.9/1, MS3.1/1, MS1.3/1, ms1mx2.6/24, Error ellipse: s-maj=55.5km s-min=32.5km az=75.0

JMA 06 20:58:20.6.0.3, 34.08N-139.60E, h154km, 3km, M2.8
ISC 06 20:58:18.7.1.0, 34.11N-139.5E, h175km, 11km, n11, -0.675/11, mb3.3/2, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIM2 Oshima 3, JIZS Lushimoda, etc.

ATH 06 21:12:18.3, 38.36N-21.85E, h21km, ML3.0
NEIC 06 21:12:18.3, 38.36N-21.85E, h21km, ML3.0 (ATH), After ATH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRG Griva, SOH Sokhos, KNT Kendrikon, etc.

NEIC 06 21:31:02.9, 32.87S-70.38W, h4km, ML2.5 (GUC), After GUC.

GUC 06 21:31:02.9.0.7, 32.87S-70.38W, h4km, 2km, MD3.6, ML2.5, 4C-2D, Chile-Argentina border region

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

KRSC 06 22:01:35.4.0.3, 54.24N-161.08E, h74km, 10km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KII Karymskiy, TUMR Tumrok, etc.

NEIC 06 22:18:16.0.3.0, 71.52N-6.22W, mb3.5/2, mb1 3.8/7, mb1mx3.6/23, mbtmp3.7/7, ML3.3/5, Error ellipse: s-maj=57.9km s-min=18.7km az=169.0

NEIC 06 22:18:19.1.0.6, 71.30N-6.02W, h10km, ML3.3 (BER), Error ellipse: s-maj=5.5km s-min=6.2km az=180.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Kingsbay, ARCES, NORSAR Array B, etc.

IDC 06 22:25:37.0-30.0, 24.47S-177.46W, h535km, 347km, mb3.4/4, mb1 3.6/4, mb1mx2.3/13, mbtmp4.3/4, Error ellipse: s-maj=148.2km s-min=92.8km az=102.0, South of Fiji Islands

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

NNC 06 22:33:37.8-8.4, 37.06N-70.18E, mpv3.0, 1C-2D, Error ellipse: s-maj=73.2km s-min=44.2km az=147.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Karatay Array, AAK, AB31, etc.

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

ROM 07 00:11:18.9-0.4, 41.65N-16.97E, h14km, 4km, Md3.1/19, Md2.7/7, Error ellipse: s-maj=6.6km s-min=3.7km az=177.0

CSEM 07 00:11:24.2-0.1, 41.51N-16.80E, h40km, ML3.8/2, Error ellipse: s-maj=2.9km s-min=1.5km az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Bari, Castel del Mon, Monte Sant'Ang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Brajici-Budva, Campora, CUC, etc.

NNC 07 00:19:22.6-3.7, 38.33N-72.26E, h221km, 46km, mpv3.2, Error ellipse: s-maj=48.7km s-min=35.6km az=44.0

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

IDC 07 00:34:13.0-3.5, 28.68N-43.27W, mb3.9/7, mb1 4.2/7, mb1mx3.8/24, mbtmp3.9/7, MS3.7/4, Ms1 3.7/4, ms1mx3.2/32, Error ellipse: s-maj=112.2km s-min=31.5km az=175.0, Northern Mid-Atlantic Ridge

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

IDC 07 01:46:55.2-1.6, 54.55N-160.26W, mb3.7/3, mb1 3.9/5, mb1mx3.6/23, mbtmp3.7/5, ML4.0/2, MS3.6/1, Ms1 3.6/1, ms1mx2.6/29, Error ellipse: s-maj=30.7km s-min=23.1km az=154.0

NEIC 07 01:47:03.2-0.5, 54.91N-160.06W, h51km, 7km, mL4.1(PMR), ML3.8(AEIC), Error ellipse: s-maj=10.8km s-min=2.7km az=150.0

ISC 07 01:47:01.0-0.7, 54.88N-160.06E, h59.89W, 0.07, h53km, 9km, s=5, r=01/65, mb3.7/3, MS3.9/1, South of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Sand Point, Dolgoi Island, Pavlov South-1, etc.

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

SKO 07 01:49:30.3, 71.85N-15.72W, MOS 07 01:49:34.5, 1.0, 71.54N-12.62W, h10km, 6.4/7,27, MS4.1/23, Error ellipse: s-maj=19.6km s-min=6.1km az=106.8

BER 07 01:49:35.2-0.8, 71.99N-11.39W, h10km, mb4.8, ML3.4, mb5.0(NEIC), IDC 07 01:49:35.1-0.5, 71.53N-12.56W, mb4.4/22, mb1 4.6/27, mb1mx4.5/31, mbtmp4.4/27, ML4.1/5, MS4.3/19, Ms1 4.3/19, ms1mx4.2/33, Error ellipse: s-maj=18.2km s-min=9.4km az=25.0

NAO 07 01:49:36.8-9.4, 71.56N-11.42W, h9km, 47km, BUJ 07 01:49:36.3, 71.70N-12.10W, h23km, mB5.2, mb4.8, Ms4.9, MS4.4

CSEM 07 01:49:37.3, 71.70N-12.26W, h30km, mb5.1, HRVD 07 01:49:38.4-0.3, 71.65N-11.98W, h13km, 1km, MW5.0/54, Centroid moment Tensor Solution, LP body waves: s21_c28, Mantle waves: s54_c95; Half duration: 0 Moment tensor: Scale 10^16Nm; M1-1.98;20; M2-1.91;20; M3-0.06;14; M4-0.18;42; M5-3.67;15; M6-1.85;44; Major couple: M4.44x10^16 Np1;272; 855; 122; NP2;15; 872; 143; Principal axes: T 5.016, P1g11, Azm140; N-1.154, P1g50; Azm37; P-3.865, P1g38; Azm239; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s

NEIC 07 01:49:38.4-0.1, 71.69N-12.06W, mb5.0/5, MS4.2/7, Error ellipse: s-maj=5.0km s-min=2.5km az=215.0, ISC 07 01:49:34.7-0.1, 71.69N-12.15W, 0.06, h10km, (h23km, 1.3km, P-P), n428, r1808/439, mb4.8/134, MS4.3/31, 26C-15D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Jan Mayen, Scoresbysund, Danmarks Havn, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like BILL Bilibino, NVS Novosibirsk, ULM Lac du Bonnet, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like SONM, OXF Oxford, HWUT Haware Ranch, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like MNTX Cornudas Mount, LRV Little Rabbit, MWC Mount Wilson, etc.

NEIC 07 02:15:47.8, 28.87S-71.34W, h47km, mb4.4/1, After GUC. GUC 07 02:15:47.8, 28.87S-71.34W, h47km, mb4.4/1, ML3.4, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like TLL Tololo Astrono, CPCH Copiapo, CDCH Caldera, CMCH Combarbala, CRCH Chaqaral, CHNG Los Chungos, LVC Limon Verde, TRQA Toruquist, PAYG Puerto Ayora, SDV Santo Domingo.

IDC 07 03:01:49.6, 9.6, 7.79N-103.14W, mb3.5/4, mb1 4.0/4, mb1mx3.8/1.6, mbtmp3.5/4, MS3.6/3, Ms1 3.6/3, ms1mx3.1/20, Error ellipse: s-maj=229.9km s-min=103.5km az=117.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like JTS JuntasAbangare, TXAR Lajitas Array, NVAR Mina Array, PDAR Piedra Array, PPT Papeete, TBI Tubuai, KDAK Kodiak Island, ILAR Eielson Array.

IDC 07 03:03:11.0, 3.3, 4.98S-151.65E, h127km, mb3.8/6, mb1 4.0/7, mb1mx3.9/13, mbtmp4.3/7, Error ellipse: s-maj=42.1km s-min=18.7km az=111.0

NEIC 07 03:03:12.3, 0.0, 5.00S-191.55E, h149km, mb4.5/2, Error ellipse: s-maj=42.4km s-min=19.2km az=110.0

ISC 07 03:03:08.8, 2.6, 4.95S-0.2, 151.7E, 0.2, h123km, mb2.0km, n14, c084/16, mb4.0/7, 2C-1D, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like PMG Port Moresby, KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, ASPA Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, SONM Songoing Array, MKAR Makarandi Array, ILAR Eielson Array, GERES GERES Array B.

NEIC 07 03:05:37.0, 7.0, 6.71N-72.97W, h176km, mb4.4/1, Error ellipse: s-maj=17.7km s-min=11.3km az=100.0

IDC 07 03:05:37.0, 7.0, 6.71N-72.97W, h176km, mb4.4/1, mb1 3.8/5, mb1mx3.3/21, mbtmp4.0/5, Error ellipse: s-maj=39.3km s-min=7.8km az=132.0

FUNV 07 03:05:37.0, 6.77N-73.14W, h163km, MW3.0, ISC 07 03:05:36.2, 0.5, 6.80N-0.06, 72.58W, 0.07, h173km, mb3.6km, n21, c092/26, mb3.7/3, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CAPV Capacho, ROSC El Rosal, VIGV El Vigia, SDV Santo Domingo, QARV Quebrada Arrib, SANV Sanariba, CURV Curarigua, TEPV Terapalma, SIQV Siquisay, BAUV El Baul, CAOV Caicara del Or, BIRV Bironzo, CUPV Cepia, SAML Samuel, NNA Nana, TXAR Lajitas Array, YLA Lac du Bonnet, YKA Yellowknife Ar, WRA Warramunga Arr.

NEIC 07 03:19:34.1, 4.1, 36.00N-70.74E, h35km, mb4.2/4, Error ellipse: s-maj=27.2km s-min=15.9km az=55.0

NIC 07 03:19:34.1, 4.1, 36.00N-70.74E, h35km, mb4.2/4, Error ellipse: s-maj=64.0km s-min=32.6km az=42.0

ISC 07 03:19:38.5, 0.5, 36.24N-0.04, 71.31E, 0.08, h160km, 14km, n28, c106/41, mb4.6/1, 5C-8D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thame Wail, SBPD Sheikh Budin, SARP Sargodha, DRP Derazinda, THN Thein Dam, DLH Dalhousie, AML Almayashu, UCH Uchtor, SDNR Sundarnagar, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Karatay Array, KK31 Khatayun, USP Oshkent, KLP Kalpa, KLP Kalpa, KLP Kalpa, TKM2 Tokmak 2, KHET Khetri, KHET Kundal, KUDL Kundal, SONA Sohna, AB31 Akbulak array, AKTK Aktyubinsk, AKTK Aktyubinsk, AKTO Aktyubinsk, CHKZ Chkalov, HIA Hailar, MBWA Marble Bar.

NDI 07 03:53:00.2, 3.5, 33.58N-73.19E, h10km, ML3.4, NNC 07 03:53:07.1, 6.9, 34.18N-71.57E, mpv3.8, Error ellipse: s-maj=129.9km s-min=62.9km az=91.0

ISC 07 03:52:55.8, 1.0, 33.47N-0.05, 72.95E, 0.09, h10km, n12, c132/21, 3C-1D, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like THN Thein Dam, DLH Dalhousie, BHK Bhakra, SDNR Sundarnagar, SMLA Simla, KLP Kalpa, KLP Kalpa, KHET Khetri, KHET Kundal, KHET Kundal, KHET Kundal, NDI New Delhi, NDI New Delhi, KUDL Kundal, KUDL Kundal, SONA Sohna, SONA Sohna, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Array, KK31 Karatay Array.

HLW 07 04:11:39.4, 35.22N-26.22E, h15km, Mb3.4, IDC 07 04:11:40.2, 1.4, 34.78N-26.17E, mb3.8/5, mb1 3.7/8, mb1mx3.6/21, mbtmp3.8/6, ML3.3/3, Error ellipse: s-maj=24.3km s-min=13.6km az=7.0

CSEM 07 04:11:40.7, 0.1, 34.85N-26.28E, h5km, MD3.7, Error ellipse: s-maj=2.9km s-min=1.5km az=82.0

ISK 07 04:11:42.6, 34.82N-26.04E, h45km, MD4.0, NEIC 07 04:11:42.3, 34.84N-26.16E, h15km, MD3.7(ATH), ML3.4(ISK), After ATH.

ATH 07 04:11:42.3, 34.84N-26.16E, h15km, MD3.7/10, ISC 07 04:11:40.4, 1.1, 34.83N-0.03, 26.22E, 0.04, h0km, mb3.6km, n50, c1919/57, mb3.8/5, 3D, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like XRY Khriasi, NPS Neapolis, KARP Karpathos, KARP Karpathos, IDI Anafiotria, SANT Santorini, SANT Santorini, SANT Santorini, GVD Gavdos, VAM Vamos, VAM Vamos, NISR Nisiro, ARG Ankiroselos, DAT Daita, APE Apeiranthos, APE Apeiranthos, BODT Bodrum, BDRM Kayabasi, DALT Dalynay (Mudlia), YERK Yerkesik, FETV Fethiye, KYTH Kithira, AKAS Kas, AYDN Tasoluk, VLL Velia, ELL Elmali.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like BLCB Balcovca, DNZL Cakirokul, IZM Izmir, HMAT Matruh, HMAT Matruh, MKAR Parnis Oros, AKS Akhisar, ISP Isparta, ISP Isparta, SWA1 Swa1, SWA2 Swa2, KIZT Kizilcal, AWB Abw, AMAG Maghara, BRTR Keskin Array B, HFRF Wahat Farafira, GTR Jabal at Tayr, AKASO Malin Array B, GERES GERES Array B, ESCD Sonsea Array, MDT Malin Array B, ARCES ARCES Array B, DBIC Dimbokro, DBIC Dimbokro, MKAR Makanchi Array.

NEIC 07 05:31:35.6, 24.15S-67.34W, h214km, mb3.7/2, After GUC. GUC 07 05:31:35.9, 0.7, 24.34S-67.26W, h190km, MD3.6, ML3.8, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like SPCH San Pedro de A, SPCH Villa Florida, LVC Limon Verde, CEN1 Los Morros, CEN1 Los Morros, CPN1 Cerro Paranal, CPN1 Cerro Paranal, ANCH Antofagasta, ANCH Antofagasta, ANCH Antofagasta, CRCH Chaqaral, CRCH Chaqaral, CRCH Chaqaral, LPAZ La Paz, CPUP Villa Florida, TRQA Toruquist.

IDC 07 06:15:37.2, 0.8, 16.27S-172.72W, mb4.0/7, mb1 4.2/8, mb1mx4.1/17, mbtmp4.0/8, ML2.1/1, MS3.7/1, Ms1 3.7/1, ms1mx3.0/27, Error ellipse: s-maj=45.3km s-min=18.2km

NEIC 07 06:15:42.9, 0.4, 16.39S-172.71W, h35km, mb4.5/5, Error ellipse: s-maj=16.3km s-min=10.1km az=132.0

ISC 07 06:15:40.4, 0.5, 16.21S-0.09, 172.7W-0.1, h33km, n22, c114/22, mb4.2/12, MS3.6/1, 4C, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, URZ Urewera, HNR Honiara, CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, VVDA Vanda, MBWA Marble Bar, NVAR Mina Array, MNV Minerva, TXAR Lajitas Array, COLA College, ILAR Eielson Array, MAW Mawson, VNA3 Neumayer Olymp, VNA2 Sanae, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, GERES GERES Array B.

LDG 07 06:27:56.3, 0.1, 46.80N-6.78E, h10km, Md2.6/3, M2.6/20, Error ellipse: s-maj=1.3km s-min=0.9km az=106.0

STR 07 06:27:56.8, 0.5, 46.82N-6.77E, h10km, M2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 07 06:27:56.4, 0.1, 46.80N-6.79E, h15km, ML2.6/17, Error ellipse: s-maj=1.1km s-min=0.8km az=95.0

VIE 07 06:28:05.7, 0.5, 46.50N-6.80E, h10km, ML2.2/1, Error ellipse: s-maj=7.6km s-min=3.8km az=155.0

ZUR 07 06:27:56.2, 46.81N-6.82E, h12km, ML1.9/7, 7C-1D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like TORNY Torony, BRANT Les Verrieres, GIMEL Gimel, AIGLE Aigle, CABF La Chapelle, LOMF Lomont, LOMF Lomont, SENIN Lac Senin, GRONN Gryon, SALAN Salafontaine, EMV Vieux Emosson, BBS Basel-Blauen, BBS Basel-Blauen, HINFA Hinterfeld, MOF Molkenrain, MOF Molkenrain.

LDG 07 06:27:56.3, 0.1, 46.80N-6.78E, h10km, Md2.6/3, M2.6/20, Error ellipse: s-maj=1.3km s-min=0.9km az=106.0

STR 07 06:27:56.8, 0.5, 46.82N-6.77E, h10km, M2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 07 06:27:56.4, 0.1, 46.80N-6.79E, h15km, ML2.6/17, Error ellipse: s-maj=1.1km s-min=0.8km az=95.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAU, LPL, LPGA, ECH, THEF, etc.

IDC 07 06:41:16.2,5.8,51.63N:177.25W, mb3.6/4, mb1 4.2/5, mb1 mx3.7/23, mbmp3.9/5, ML5.1/1, Error ellipse: s-maj=108.0km s-min=53.5km az=86.0, BUI 07 06:41:35.0, 51.80N:174.60W, h33km, mb4.7, mb4.7, Ms4.0, MSz3.8

NEIC 07 06:41:39.0, 51.78N:174.62W, h34km, ML3.6(AEIC), After AEIC

ISC 07 06:41:37.1-0.6, 52.2N-0.2-174.67W-0.09, h75km, gkm, n20, c079/28, mb3.8/4, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATKA, GSTR, GISM, etc.

LDG 07 07:14:27.8-0.1, 46.12N:8.02E, h7km, Md2.4/3, M2.5/17, Error ellipse: s-maj=1.5km s-min=0.7km az=92.0

ROM 07 07:14:27.7-0.3, 46.07N:7.95E, h12km, Md2.36, M2.0/1, Error ellipse: s-maj=4.1km s-min=2.4km az=25.0

NEIC 07 07:14:27.9, 46.10N:8.00E, h6km, ML2.5(LDG), ML2.2(ZUR), ML2.5(GEN), After ZUR

GEN 07 07:14:27.0, 46.14N:8.03E, h1km, ML2.0, Error ellipse: s-maj=1.5km s-min=1.0km az=93.0

ZUR 07 07:14:27.9, 46.13N:8.03E, h6km, 2km, ML2.1/13, 9C-2D, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMK, MCGN, LKBD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIX, ORX, ORO, FUSIO, etc.

IDC 07 07:54:09.4-0.7, 45.20S:97.01E, mb4.3/9, mb1 4.4/9, mb1 mx4.4/13, mbmp4.3/9, MS4.0/4, Ms1 4.0/4, ms1 mx3.6/17, Error ellipse: s-maj=30.1km s-min=18.0km az=139.0

NEIC 07 07:54:11.2-0.4, 45.26S:97.10E, h10km, mb4.6/4, Error ellipse: s-maj=14.1km s-min=7.9km az=125.0

ISC 07 07:54:09.2-0.6, 45.20S:101.07E-0.2, h10km, n38, c090/27, mb4.4/13, MS4.1/4, 2C-3D, Southeast Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, PLCA, ASAJ, etc.

NDI 07 07:58:10.4-3.8, 30.84N:78.71E, h10km, MD2.4, ML2.7, Northern India

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOSI, KLP, SMLA, etc.

NEIC 07 08:23:14.6-0.9, 52.47S:18.78E, h10km, mb4.7/1, Error ellipse: s-maj=27.5km s-min=15.8km az=86.0

IDC 07 08:23:14.1, 1.2, 52.62S:18.46E, mb3.9/4, mb1 4.0/4, ms1 mx3.9/11, mbmp4.0/4, MS3.7/6, Ms1 3.6/6, ms1 mx3.5/12, Error ellipse: s-maj=45.9km s-min=25.9km az=67.0

ISC 07 08:23:13.0-1.2, 52.55S:0.1x18.8E-0.3, h10km, n19, c067/13, mb4.1/5, MS3.6/6, SC, Southwest of Africa

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

NNC 07 08:35:05.3-2.2, 39.15N:70.10E, h10km, km, mpv3.0, 4C-1D, Error ellipse: s-maj=17.1km s-min=9.9km az=57.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31, AAK, AB31, etc.

NIED 07 08:35:00.31, 30N:131.60E, h32km, Mw4.1 Best double couple: M1.64x10^15 NP1:phi58^0, 662^0, 1.122^0. NP2:phi185^0, 842^0, 1.45^0

IDC 07 08:35:41.9-0.9, 31.19N:131.54E, mb3.8/6, mb1 3.9/8, mb1 mx3.8/20, mbmp3.8/8, ML3.4/2, MS3.3/3, Ms1 3.3/3, ms1 mx2.9/27, Error ellipse: s-maj=25.0km s-min=12.8km az=81.0

JMA 07 08:35:46.7-0.1, 31.26N:131.63E, h26km, 1km, M4.0, JMA Felt I J1

NEIC 07 08:35:47.0, 6.31, 28N:131.52E, h35km, mb4.5/6, MW4.1(NIED), Error ellipse: s-maj=11.8km s-min=9.4km az=112.0

ISC 07 08:35:45.0-0.7, 31.21N:131.67E-0.07, h48km, gkm, n29, c19/34, mb4.1/10, MS3.4/1, 1C-5D, Kyushu

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

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, S/N, etc.).

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, S/N, etc.).

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, S/N, etc.).

7d 17h

0.3m, 0.5s, mb3.2, baz=230, slow=5.3, SNR=6.1
PDAR Pinedale Array 87.19 44 P P 16 48 16.6 -0.3
GERES GERESE Array B 146.25 34 PKPbc PKPbc 16 55 08.4 +1.8

ATH 07 16:37:30.9, 41.80N-23.41E, h14km, 3km, MD3.3/3
CSEM 07 16:37:30.3, 0.1, 41.82N-23.28E, h5km, ML3.3, Error
ellipse: s-maj=1.8km s-min=1.6km az=62.0
THE 07 16:37:31.5, 41.73N-23.28E, h4km, ML3.3
NEIC 07 16:37:31.5, 41.70N-23.30E, h5km, MD3.3(ATH), After
THE.

ISC 07 16:37:30.0, 0.6, 41.79N-0.03, 23.23E, 0.04, h14km, n17,
<099/23, 2C, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Neurokopi, Kendrikon, Valandovo, Sokhos, etc.

NNC 07 16:40:24.7, 4.7, 37.11N-70.71E, h142km, 28km, mpv4.1,
Error ellipse: s-maj=49.4km s-min=32.2km az=7.0
NEIC 07 16:40:36.4, 5.9, 38.34N-70.56E, h35km, MD3.2/1, Error
ellipse: s-maj=70.4km s-min=15.5km az=183.0

ISC 07 16:40:14.5, 1.7, 36.39N-0.07, 71.2E, 0.2, h121km, 35km,
n26, <084/35, 14C-2D, Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Thein Dam, Almayashu, Uchtor, Kyzart, etc.

IGIL 07 16:49:10.8, 36.27N-9.23W, h0km, ML3.6
CSEM 07 16:49:11.4, 0.2, 36.15N-8.85W, h20km, ML3.4/14, Error
ellipse: s-maj=5.3km s-min=3.3km az=83.0
NEIC 07 16:49:13.5, 36.46N-8.76W, MN2.9(MDD), After MDD.
INMG 07 16:49:13.9, 1.1, 36.43N-8.78W, ML2.8, Error ellipse:
s-maj=4.7km s-min=2.9km az=57.0
CNRM 07 16:49:15.2, 36.07N-8.93W, h30km, MD3.5
MDD 07 16:49:12.3, 0.6, 36.24N-8.95W, h20km, 4km, mbLg2.9/7,
Error ellipse: s-maj=9.1km s-min=5.4km az=68.0,
PRXIMO, West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Marneleto, Sao Teotonio, Beja, etc.

2005 NOV

Main table with columns: EMIN, Mina Concepcio, Espera, Espra, etc. Lists stations and their coordinates, times, and residuals.

140

Table with columns: ECAL, Calabor, Tobarra, etc. Lists stations and their coordinates, times, and residuals.

NEIC 07 17:01:45.0, 38.08N-26.77E, h15km, MD3.1(ISK),
MD3.1(ATH), After ISK
ISK 07 17:01:46.6, 38.19N-26.75E, h15km, MD3.1
ATH 07 17:01:46.7, 38.15N-26.52E, h20km, MD3.1/3
CSEM 07 17:01:47.1, 0.1, 38.20N-26.80E, h18km, 1km, MD3.1,
Error ellipse: s-maj=3.5km s-min=2.1km az=81.0
ISC 07 17:01:46.6, 0.6, 38.20N-0.02, 26.68E, 0.04, h9km, 4km,
n18, <0975/30, 1D, Aegean Sea

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

NEIC 07 17:06:34.2, 0.2, 59.00N-151.22W, h39km, 4km, mb4.1/4,
ML4.1(PMR), ML3.8(AEIC), Error ellipse: s-maj=3.2km
s-min=1.8km az=150.0
IDC 07 17:06:36.4, 6.5, 59.26N-151.26W, h55km, 37km, mb3.6/9,
mb1.3, 9/13, mb1mx3, 8/23, mbtmp3, 9/13, ML4.0/4, MS3.2/3,
MS1.2/3, ms1mx3, 0/20, Error ellipse: s-maj=36.9km
s-min=15.5, 1km az=54.0

ISC 07 17:06:32.6, 0.3, 58.96N-0.02, 151.12W, 0.04, h52km, 5km,
n106, <0990/126, mb3.9, 12, Kodiak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like China Poot, Seldovia, Homer, etc.

Table with columns: Station Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KSH, KLMR, MKAR, etc.

Table with columns: Station Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KLMR, KMBQ, KMBQ, etc.

Table with columns: Station Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ANMO, SDCO, SMCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VERA, RAINY, POKKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHITE, MATAKAOA, etc.

Table of astronomical observations for 7 days and 21 hours, listing station names, coordinates, and observation details.

Main table of astronomical observations for 2005 NOV, including station names, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, continuing from the previous table, listing station names, coordinates, and observation details.

ISC 08 03:12:50.2,0.4, 13.55N,0.05,-120.75E,0.07, h145km,4km, n30,c1f21/35,mb4.3/11,2C,Mindoro

comp=N,956nm,0.5s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Puerto Galera, Lubang, Tagaytay City, etc.

ISC 08 03:20:36.7, 38.24N-26.54E, h15km, MD3.4, ML3.5 NEIC 08 03:20:36.0, 38.25N-26.53E, h16km, MD3.7(ATH), MD3.4(ISK), After ISK.

ATH 08 03:20:36.6, 38.17N-26.56E, h30km,2km, MD3.7/5 CSEM 08 03:20:39.2,0.1, 38.28N-26.75E, h25km, MD3.4, Error ellipse: s-maj=1.7km s-min=1.3km az=40.0

ISC 08 03:20:38.1,0.5, 38.25N,0.02,-26.64E,0.03, h13km,3km, n56,c1f02/72,1C,Aegean Sea

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

ECX 08 03:25:02.0,0.3, 30.48N-114.86W, h12km, ML3.7, 3C-1D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Rancho Dowling, Esteban Cantu, Punta Banda, etc.

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

ISC 08 03:53:44.3, 38.18N-26.55E, h17km, ML3.5 NEIC 08 03:53:44.0, 38.19N-26.54E, h16km, MD3.7(ATH), MD3.5(ISK), After ISK.

ATH 08 03:53:46.5, 38.17N-26.50E, h28km,4km, MD3.7/5 CSEM 08 03:53:46.1,0.1, 38.21N-26.68E, h25km, MD3.7, Error ellipse: s-maj=2.1km s-min=1.5km az=82.0

ISC 08 03:53:45.0,0.5, 38.21N,0.02,-26.54E,0.03, h10km,4km, n46,c1f19/59,1C,Aegean Sea

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

ISC 08 03:57:12.9, 38.31N-26.57E, h15km, MD3.4, ML3.4 NEIC 08 03:57:12.0, 38.31N-26.57E, h15km, MD3.6(ATH), MD3.5(ISK), After ISK.

ATH 08 03:57:13.3, 38.24N-26.72E, h29km,1km, MD3.6/6 CSEM 08 03:57:13.0,0.2, 38.29N-26.62E, h16km,1km, MD3.4, Error ellipse: s-maj=3.3km s-min=1.5km az=101.0

ISC 08 03:57:12.0,0.3, 38.27N,0.02,-26.57E,0.04, h6km,4km, n42,c0f98/55,1C,Aegean Sea

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

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

ISC 08 03:58:26.8,0.5, 6.70N-72.96W, h162km,5km, mb3.7/14, mb1 3.9/18, mb1mx3.8/25, mbtmp4.2/18, Error ellipse: s-maj=11.6km s-min=7.0km az=126.0

BUI 08 03:58:27.3, 6.70N-73.00W, h170km,5km, mb5.0 NEIC 08 03:58:27.0,0.5, 6.72N-72.96W, h170km,5km, mb4.1/15, Error ellipse: s-maj=7.0km s-min=4.8km az=72.0

ISC 08 03:58:26.7,0.5, 6.69N,0.0,-72.95W,0.06, h176km,5km, n60,c0f85/56,mb4.0/27,6C-3D,Northern Colombia

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

ECX 08 04:11:59.0,0.2, 30.72N-114.24W, h12km, MD3.8, ML3.8, 2D, Gulf of California

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

Table with columns: RDX, comp=N, 492nm, 0.5s, eS, Sn, 04 12 56.8 +0.6, 04 13 10.1, 04 13 11.4, etc.

NNC 08 04:31:35.4, 3.3, 44.09N-83.18E, h18km, 11km, mpv2.8, Error ellipse: s-maj=25.0km s-min=11.9km az=111.0

BUI 08 04:31:34.7, 44.05N-83.26E, h19km, ML3.5, 4C-3D, Northern Xinjiang

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

IDC 08 04:45:16.7, 0.8, 6.69N-72.94W, h163km, 9km, mb3.1/2, mb1 3.5/4, mb1mx3.1/21, mbtmp3.7/4, Error ellipse: s-maj=38.8km s-min=7.6km az=132.0

NEIC 08 04:45:17.9, 0.8, 6.77N-73.00W, h172km, 9km, mb3.5/1, Error ellipse: s-maj=17.8km s-min=13.4km az=113.0

ISC 08 04:45:16.4, 0.8, 6.7N-0.1, 73.0W-0.1, h173km, 10km, n7, a112/7, mb3.3/2, Northern Colombia

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

IDC 08 04:51:36.5, 5.8, 24.73N-92.25E, mb3.7/6, mb1 3.9/6, mb1mx3.7/20, mbtmp3.8/6, Error ellipse: s-maj=119.8km s-min=45.0km az=154.0

ISC 08 04:51:37.5, 1.5, 24.4N-0.1, 92.3E-0.3, h33km, n7, a111/8, mb3.8/6, India-Bangladesh border region

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

IDC 08 04:53:09.2, 0.9, 4.55S-153.56E, h110km, 7km, mb4.1/9, mb1 4.3/11, mb1mx4.1/17, mbtmp4.5/11, MS3.3/4, Ms1 3.3/4, ms1mx2.9/29, Error ellipse: s-maj=15.1km s-min=14.1km az=66.0

NEIC 08 04:53:10.3, 1.2, 4.55S-153.55E, h120km, 10km, mb4.5/8, Error ellipse: s-maj=11.0km s-min=9.0km az=185.0

ISC 08 04:53:08.4, 2.0, 4.6S-0.1, 153.55E-0.06, h114km, 17km, n97km, 5.8km, p-P, n30, a0883/29, mb4.4/16, 3D, New Ireland region

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

Table with columns: MKAR, Makanchi Array, 80.66 319, P, P, 05 05 10.7 +0.5, etc.

NEIC 08 04:56:38.5, 16.68N-95.31W, h84km, MD4.2(MEX), After MEX

MEX 08 04:56:38.5, 1.3, 16.68N-95.31W, h84km, 12km, MD4.2, Oaxaca

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

NEIC 08 05:08:00, 42.60N, 144.40E, h41km, Mw4.2 Best double couple: M2.66x10^15 NP1.80^80, 88^0, 110^0. NP2.03^195^, 82^2, 127^2

BUI 08 05:08:13.1, 42.66N:144.40E, h54km, mb5.1, mb4.7, Ms4.1, Ms2.0

MOS 08 05:08:13.0, 0.9, 42.54N:144.35E, h57km, mb4.8/30, Error ellipse: s-maj=10.7km s-min=6.7km az=98.2

SKHL 08 05:08:13.0, 2.1, 42.42N:144.49E, h62km, 6km, mb5.4/2, NEIC 08 05:08:14.9, 0.8, 42.60N:144.37E, h55km, 7km, mb4.7/23, MW4.2(MIED), Error ellipse: s-maj=7.4km s-min=5.9km az=120.0

NEIC Recorded [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido

IDC 08 05:08:14.3, 0.8, 42.49N:144.46E, h55km, 5km, mb4.2/27, Mb1 4.4/29, mb1mx4.3/32, mbtmp4.5/29, MS3.5/9, Ms1 3.5/9, ms1mx3.1/36, Error ellipse: s-maj=12.6km s-min=8.3km az=33.0

JMA 08 05:08:14.4, 0.1, 42.60N:144.41E, h62km, 1km, M4.4 JMA Feil II J1

ISC 08 05:13:16.0, 4.2, 54N-0.03, 144.41E-0.04, h63km, 2km, h53km, 2.3km, p-P, n181, a0996/171, mb4.5/56, MS3.6/8, 11C-15D, Hokkaido region

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

Table with columns: KUR, KUR, KUR, etc. Includes stations like KUR, KUR, KUR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Rincocada Maip, Talagante, Las Cruces, Combarbala.

IDC 08 05:48:36.2-1.1, 22.67N, 120.70E, mb3.9/9, mb1 4.2/10, mb1 mx4.0/20, mbtmp4.0/10, ML3.6/1, Error ellipse: s-maj=30.3km s-min=23.5km az=63.0

JMA 08 05:48:40.9-0.4, 22.58N, 120.91E, h113km NEIC 08 05:48:42.7-2.5, 22.72N, 120.93E, h45km, mb4.1/3, Error ellipse: s-maj=32.2km s-min=13.7km az=60.0

NEIC Recorded [4 TAP] in Ping-tung; [2 TAP] in Kao-hsiung, Tai-nan and Tai-tung; [1 TAP] in Yun-lin Counties. BUJ 08 05:48:50.3, 23.30N, 119.94E, h45km, mb4.3, mb4.4, ML3.9, Ms4.2, Ms3.9

ISC 08 05:48:39.7-1.1, 22.65N, 120.67E, 0.05, h35km, 10km, n27, c097/36, mb3.9/11, Taiwan

Main station list table for the first section, including stations like Ninganchiao, Yeheng, Taipei, Yonaguni jima, Quanzhou, Hateruma jima, Iriomote-Funau, Kuro-shima, Ishigaki jima, Tarama, Gusukube, Kunigami, Nanjing, etc.

NIED 08 05:49:00, 22.90N, 120.70E, h14km, Mw4.3 Best double couple: M2.85x10^15 NP1 q=174, d=87, l=73. NP2 q=24, d=37, l=14

IDC 08 05:49:21.2-1.1, 22.67N, 120.66E, mb3.9/9, mb1 4.2/10, mb1 mx4.0/21, mbtmp4.0/10, ML3.7/1, MS2.9/1, Ms1 2.9/1, ms1 mx2.3/25, Error ellipse: s-maj=29.7km s-min=23.4km az=50.0

JMA 08 05:49:24.0-0.6, 22.89N, 120.72E, M4.6 BUJ 08 05:49:26.7, 22.77N, 120.76E, h43km, mb4.4, mb4.4, M4.6, Ms4.1, Ms2.0

NEIC 08 05:49:28.6-1.8, 22.71N, 120.82E, h59km, 15km, mb4.2/4, Error ellipse: s-maj=20.2km s-min=12.2km az=223.0 NEIC Recorded [4 TAP] in Ping-tung; [2 TAP] in Chia-i, Kao-hsiung, Tai-nan and Tai-tung Counties

ISC 08 05:49:26.4-1.4, 22.64N, 120.72E, 0.06, h54km, 12km, n27, c091/34, mb3.9/11, MS3.9/11, Taiwan

Main station list table for the second section, including stations like Ninganchiao, Yeheng, Taipei, Yonaguni jima, Hateruma jima, Iriomote-Funau, Kuro-shima, Ishigaki jima, Tarama, Kume jima, Kunigami, Hu-ho-hao-te, Chichi jima, Matsushiro, Matsushiro Arr, Gaotai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Sogino Array, Makanochi Array, Zalesovo, Warramunga Arr, Borovoye Array, Borovoye, Chkalovo, Eielson Array, Inuvik, NORARS Array, Yellowknife Arr, etc.

WEL 08 06:12:59.0-0.4, 35.66S, 177.81E, h33km, ML3.6/3, Error ellipse: s-maj=5.0km s-min=2.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Matakaoa Point, Urewera, Matawai, etc.

ISK 08 06:13:17.0, 38.32N, 26.60E, h28km, MD2.9 ATH 08 06:13:17.3, 38.24N, 26.98E, h32km, MD2.9/3 CSEM 08 06:13:19.2, 0.2, 38.24N, 26.82E, h26km, MD2.9, Error ellipse: s-maj=7.1km s-min=4.2km az=91.0

ISC 08 06:13:17.2-1.1, 38.20N, 26.57E, 0.05, h3km, 7km, n13, c114/23, Aegean Sea

Main station list table for the third section, including stations like Izmir, Balcova, Samos, Izmir, Bornova, Paraskavi, Ayvalik, Tasoluk, Bodrum, Kayabasi, Apeiranthos, Manisa, Yerkestik, etc.

NSSP 08 06:26:54.3, 40.98N, 44.93E, h10km, ML3.8 TIF 08 06:27:01.0, 40.87N, 48.14E, h17km, 3km CSEM 08 06:27:03.1, 0.1, 40.79N, 47.64E, h2km, mb4.1, Error ellipse: s-maj=3.8km s-min=2.7km az=172.0

IDC 08 06:27:07.1-4.0, 40.84N, 47.48E, h25km, 31km, mb4.0/4, mb1 4.0/8, mb1 mx3.7/3, mbtmp4.0/8, ML3.7/3, MS3.4/5, Ms1 3.4/5, ms1 mx3.0/33, Error ellipse: s-maj=32.5km s-min=13.6km az=152.0

MOS 08 06:27:08.9, 1.8, 41.16N, 47.47E, h43km, mb4.1/6, Error ellipse: s-maj=10.8km s-min=8.6km az=81.0 NEIC 08 06:27:11.8, 1.5, 40.62N, 47.53E, h84km, 20km, mb4.1/5, Error ellipse: s-maj=24.4km s-min=14.0km az=169.0

NNC 08 06:27:14.7, 4.0, 41.37N, 48.31E, h14km, 48km, Error ellipse: s-maj=51.8km s-min=18.1km az=85.0

ISC 08 06:27:07.8-0.5, 41.07N, 0.06, 47.62E, 0.04, h33km, n70, c1918/86, mb3.9/6, MS3.4/4, 10C-6D, Eastern Caucasus

Main station list table for the fourth section, including stations like Akhty, Khunzakh, David-gareji, Uncukul, Makhachkala, Makhachkala, Mtsaminda, Plekhanov, Garni, etc.

NIED 08 06:37:00.25, 20.1N, 122.80E, h200km, Mw4.3 Best double couple: M2.91x10^15 NP1 q=83, d=73, l=126. NP2 q=195, d=39, l=27

MOS 08 06:37:00.8, 0.9, 24.77N, 122.28E, h33km, mb4.6/7, Error ellipse: s-maj=29.4km s-min=13.1km az=124.4 IDC 08 06:37:18.4, 2.2, 25.20N, 122.58E, h177km, 26km, mb3.9/17, mb1 4.0/19, mb1 mx4.0/26, mbtmp4.4/19, MS3.4/1, Ms1 3.4/1, ms1 mx2.5/31, Error ellipse: s-maj=22.3km s-min=10.8km az=66.0

BUJ 08 06:37:20.9, 25.24N, 122.71E, h217km, mb4.6, mb4.4 NEIC 08 06:37:21.2, 0.5, 25.18N, 122.64E, h205km, 4km, mb4.2/12, Error ellipse: s-maj=9.5km s-min=6.8km az=74.0

JMA 08 06:37:22.8, 0.2, 25.24N, 122.83E, h182km, 4km, M4.4 ISC 08 06:37:19.3-0.2, 25.22N, 122.80E, 0.03, h203km, 2km, n76, c102/96, mb4.0/32, 2C, Taiwan region

Main station list table for the fifth section, including stations like Yonaguni jima, Taipei, Iriomote-Funau, Yeheng, Kuro-shima, Hateruma jima, Ishigaki jima, Nacab, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Kislodovsk, Gofitskoye, Gofitskoye, Keskin Arr, etc.

AKB31 Akbulak Arr 11.93 43 LR P 06 29 55.9 -2.6 comp=N, 1.5nm, 0.5s, baz=235, slow=14

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Obrninsk, Obninsk, Malin Arr Bay, etc.

AKASG Malin Arr Bay 15.99 313 Pn P 06 30 49.2 -2.4 comp=N, 0.4nm, 0.3s, baz=119, slow=12, SNR=5.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Karatay Arr, Borovoye, etc.

AKK31 Karatay Arr 17.11 76 LR P 06 34 16.4 +6.6 comp=N, 2.4nm, 0.7s, baz=284, slow=12, SNR=32

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

AKK31 Borovoye 19.45 44 eP P 06 31 34.3 +0.1 comp=N, 2.4nm, 0.8s

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tarama, Miyako jima 2, Gusukube, Kume jima 2, Quanzhou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNAEA Sanae, VNA2 Neumayer-Watz, WEL 08 06:54:38, RATZ Rangitukua, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AVH Avacha, AVK Avkah, Koryaka, Petropavlovsk, Kamenistaya, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Bishkek, Kurchatov, Erkin-Say, Yuzh-Sakhalins, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CASY, MIR, FINES, Muntele Rosu, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PLCA, TRQA, ISK, NEIC, CSEM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, DZM Mont Dzumac, KAKA Kakadu, WRAB Tennant Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ENH Enshi, GYA Guiyang, GYA GY, GYA GY, GYA GY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK Zamakemsk, ZAK ZAK, MIR Mirnyy, BOK Bokoro, etc.

NEIC 08 10:03:45.0, 35.91N-22.22E, h18km, MD3.5(A)H, After ATH. CSEM 08 10:03:45.0, 35.91N-22.22E, h18km, MD3.5/4, After ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Malin Array B, NORSAR Subarra, etc.

ATH 08 11:10:48.6, 38.18N-27.32E, h39km, 1km, MD3.1/3
NEIC 08 11:10:48.6, 38.18N-27.32E, h39km, MD3.1(ATH), MD2.9(ISK), After ATH.

ISK 08 11:10:50.3, 38.14N-26.59E, h11km, MD2.9
CSEM 08 11:10:50.9, 0.1, 38.15N-26.61E, h8km, MD2.9, Error ellipse: s-maj=2.6km s-min=3.2km az=127.0

ISC 08 11:10:50.6, 1.0, 38.11N-0.46E, 0.05, h3km, 7km, n15, e092/21, Aegean Sea

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

IDC 08 11:14:52.8, 0.8, 0.81N-19.97E, mb4.1/10, mb1.4/3/11, mb1mx2.4/21, Error ellipse: s-maj=33.5km s-min=15.9km az=69.0

BUI 08 11:14:56.0, 0.80N-120.00E, h35km, mb5.4, mb4.6
NEIC 08 11:14:53.0, 0.4, 0.83N-120.04E, h36km, mb4.4/2, Error ellipse: s-maj=19.9km s-min=6.9km az=65.0

ISC 08 11:14:54.5, 2.7, 0.84N-0.09E, 120.0E, 0.1, h22km, 19km, n25, e058/29, mb4.3/12, MS3.4/1, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tawau, Kota Kinabalu, Kakadu, etc.

ATH 08 11:42:51.0, 38.17N-26.47E, h10km, MD3.6/3
NEIC 08 11:42:51.0, 38.17N-26.47E, h10km, MD3.6(ATH), ML3.4(ISK), After ATH.

CSEM 08 11:42:56.4, 0.1, 38.37N-26.79E, h10km, MD3.4, Error ellipse: s-maj=3.1km s-min=1.9km az=98.0

ISC 08 11:42:57.0, 38.36N-26.82E, h13km, MD3.4, Aegean Sea

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

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

NDI 08 11:49:10.9, 3.7, 34.79N-72.77E, h10km, MD3.7, ML3.5
NCC 08 11:49:18.7, 8.7, 35.20N-72.68E, h39km, Error ellipse: s-maj=238.5km s-min=74.6km az=81.0

ISC 08 11:49:08.1, 1.4, 34.66N-0.06E, 72.8E-0.2, h33km, n14, e097/20, 1D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Thein Dam, Sundarnagar, Simla, etc.

IDC 08 11:51:50.4, 1.6, 10.15N-104.38W, mb3.7/5, mb1.4/1/6, mb1mx3.9/18, mbmp3.7/6, ML3.1/1, MS4.0/11, MS1.4/0/11, ms1mx2.7/27, Error ellipse: s-maj=118.1km s-min=24.3km az=70.0

NEIC 08 11:51:51.9, 1.2, 10.10N-104.50W, h10km, mb4.2/1, Error ellipse: s-maj=56.5km s-min=18.9km az=78.0

ISC 08 11:51:49.9, 1.3, 10.10N-2.104.4W, 0.4, h10km, n15, e130/7, mb3.7/5, MS4.0/9, Northern East Pacific Rise

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

OMAN 08 12:01:47.2, 32.58N-57.83E, h31km, Error ellipse: s-maj=109.1km s-min=27.6km az=78.0

CSEM 08 12:01:47.2, 32.58N-57.83E, h31km, mb3.3, Error ellipse: s-maj=109.0km s-min=27.6km az=78.0, After OMAN

THR 08 12:02:34.1, 0.5, 28.92N-57.52E, h14km, 5km, ML3.5
ISC 08 12:02:33.0, 0.6, 28.89N-0.03E, 57.19E-0.07, h10km, n20, e112/24, 6C-6D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kerma, Bandar-Abbas, etc.

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

NCC 08 12:31:54.7, 2.2, 0.36, 08N-75.84E, mpv3.6, Error ellipse: s-maj=1271.9km s-min=206.9km az=61.0

ISC 08 12:31:50.7, 1.6, 35.1N-0.2, 73.8E-0.4, h33km, n5, e19/16/8, 1D, Northwestern Kashmir

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

OTT 08 12:40:00.9, 0.7, 68.17N-66.77W, h18km, MN2.6/2, 135km northwest from Qikiqtarjuag, Nu Baffin Island Seismic Zone, Nt., Baffin Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Frobisher Bay, Iglolik, Nuna, etc.

IDC 08 12:48:19.7, 1.8, 54.79N-19.61E, mb1.3/3/5, mb1mx3.2/22, mbmp3.3/5, ML3.3/5, Error ellipse: s-maj=31.3km s-min=13.7km az=46.0

UPP 08 12:48:19.4, 54.67N-18.90E, h0km, ML3.1, Suspected Mining explosion.

CSEM 08 12:48:23.7, 1.5, 55.06N-19.00E, h2km, ML3.1, Error ellipse: s-maj=36.7km s-min=15.7km az=143.0, Suspected Mining explosion.

ISC 08 12:48:14.5, 1.1, 54.70N-0.10E, 19.5E-0.1, n13, e194/3/16, Poland

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

MAN 08 12:48:19.4, 12.48N-123.58E, h41km, mb4.2, ML3.1, MS2.8, 1C-1D, Luzon

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

IDC 08 12:48:47.8, 1.6, 54.72N-19.42E, mb1.3/3/5, mb1mx3.2/22, mbmp3.3/5, ML3.3/5, Error ellipse: s-maj=26.1km s-min=12.4km az=51.0, Poland

ISC 08 12:48:47.8, 1.6, 54.72N-19.42E, mb1.3/3/5, mb1mx3.2/22, mbmp3.3/5, ML3.3/5, Error ellipse: s-maj=26.1km s-min=12.4km az=51.0, Poland

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

8d 17h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, etc.

NEIC 08 17:02:24.9±1.3, 8.04S-74.33W, h146km, 14km, mb4.2/5, Error ellipse: s-maj=14.4km s-min=13.5km az=224.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NNA, LPAZ, SAML, etc.

MOS 08 17:15:16.0±0.9, 52.52N-159.39E, h32km, mb4.3/1, Error ellipse: s-maj=41.8km s-min=14.4km az=83.6

2005 NOV

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RUS, RUS, RUS, etc.

ISK 08 17:16:22.9±0.8, 38.08N-26.79E, h4km, MD3.4, Error ellipse: s-maj=2.4km s-min=1.8km az=116.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URLA, URLA, URLA, etc.

MOS 08 17:19:37.0±0.8, 52.56N-159.27E, h33km, mb4.2/1, Error ellipse: s-maj=43.8km s-min=14.5km az=81.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RUS, RUS, RUS, etc.

170

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KPT, KPT, KPT, etc.

IDC 08 17:19:59.5±1.3, 21.46S-66.90W, h188km±22km, mb3.8/1, mb1.3/4.4, mb1mx3.2/16, mbtmp3.9/4, Error ellipse: s-maj=47.1km s-min=17.9km az=122.0, Southern Bolivia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LVC, LPAZ, LPAZ, etc.

ISK 08 17:30:23.2±0.8, 14N-26.62E, h8km, MD3.5, ML3.6, NEIC 08 17:30:23.3±0.8, 15N-26.62E, h10km, MD3.6(ISK), ML3.9(A/H) After ISK

ATH 08 17:30:24.6±0.8, 25N-26.76E, h25km±2km, MD3.7/6, ML3.9, CSEM 08 17:30:25.1±0.1, 38.19N-26.69E, h20km, MD3.5, Error ellipse: s-maj=2.2km s-min=1.8km az=77.0

ISC 08 17:30:22.8±0.8, 38.17N-0.02, 26.56E±0.03, h1km±5km, n53, c1161/64, IC, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URLA, URLA, URLA, etc.

BUI 08 17:34:44.7±2.2, 70S-66.10W, h235km, mb5.1, NEIC 08 17:34:44.7±0.2, 72.74S-66.07W, h236km±1km, mb4.2/7, MD4.1(GUC), Error ellipse: s-maj=13.7km s-min=9.0km az=115.0

IDC 08 17:34:44.0±0.9, 22.73S-66.02W, h239km±8km, mb3.7/6, mb1.3/9.1, mb1mx3.8/17, mbtmp4.4/11, Error ellipse: s-maj=15.8km s-min=13.2km az=146.0

GUC 08 17:34:46.0±0.6, 23.14S-66.35W, h240km±16km, MD4.1, ML4.0

ISC 08 17:34:43.9±0.5, 22.74S-0.04, 66.10W±0.07, h251km±6km, n53, c126/62, mb3.9/7, 12C-2D, Jujuj Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SPCH, SPCH, SPCH, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Copiapo, Caldera, LPaz, etc.

CSEM 08 17:38:06.1.0.1. 34.44N.46.70E, h20km, ML3.3, Error ellipse: s-maj=2.1km s-min=1.7km az=137.0

TEH 08 17:38:07.1.34.53N.46.63E, h10km, Mn3.3

THR 08 17:38:09.0.4.0.4. 34.60N.46.93E, h14km, ML3.0

ISC 08 17:38:06.6.0.6.34.39N.0.05.46.82E.0.06, h10km, n27, r133/29, Western Iran

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

NEIC 08 17:53:27.6.1.0. 18.95S.69.87W, h88km, 11km, mb3.9/3, Error ellipse: s-maj=16.1km s-min=11.0km az=81.0

ISC 08 17:53:28.8.3.0. 18.98S.69.77W, h91km, 26km, mb3.6/2, mb1.3.0.5, mb1mx3.5/16, mb1mp4.1/5, Error ellipse: s-maj=20.9km s-min=20.9km az=109.0

ISC 08 17:53:26.4.1.0. 18.91S.0.07.69.8W.0.1, h95km, 14km, n14, r141/15, mb3.9/3.1C, Northern Chile

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA, WMO, WRA, etc.

ISC 08 18:16:48.9.0.8. 6.73N.72.92W, h160km, 12km, mb3.3/4, mb1.3.7/6, mb1mx3.4/21, mb1mp3.8/6, Error ellipse: s-maj=37.0km s-min=8.1km az=162.0

NEIC 08 18:16:49.5.0.6. 7.3N.72.91W, h169km, 12km, Error ellipse: s-maj=34.3km s-min=13.3km az=129.0

ISC 08 18:16:48.3.1.7. 6.8N.0.5.72.9W.0.6, h172km, 38km, n9, r0568/11, mb3.5/4, Northern Colombia

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

ATH 08 18:17:05.6.38.14N.27.07E, h42km, 2km, MD3.1/3

ISK 08 18:17:06.2.38.16N.26.69E, h19km, MD2.8

CSEM 08 18:17:06.7.0.1. 38.14N.26.78E, h19km, 1km, MD2.8, Error ellipse: s-maj=3.9km s-min=2.2km az=96.0

ISC 08 18:17:06.8.0.6.38.20N.0.03.26.63E.0.05, h15km, 7km, n18, r131/28, Aegean Sea

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

ISC 08 18:19:06.5.1.3. 1.81S.99.73E, mb4.2/9, mb1.4.3/9, mb1mx4.1/17, mb1mp4.2/9, Error ellipse: s-maj=70.6km s-min=17.5km az=51.0

NEIC 08 18:19:17.2.1.1. 1.52S.100.16E, h77km, 10km, mb4.3/2, Error ellipse: s-maj=16.4km s-min=8.3km az=71.0

ISC 08 18:19:15.3.1.9. 1.52S.0.09.100.2E.0.1, h75km, 18km, n16, r0976/14, mb4.1/11, Southern Sumatra

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

MOS 08 18:39:47.3.0.8. 54.61N.162.28E, h10km, mb4.2/1, Error ellipse: s-maj=32.0km s-min=14.2km az=80.6

KRSC 08 18:39:48.0.0.8. 54.61N.162.26E, h14km, 2km, ML4.0, Near east coast of Kamchatka Peninsula

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

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

MOS 08 18:41:28.3.1.3. 54.59N.162.20E, h39km, mb4.3/1, Error ellipse: s-maj=40.2km s-min=17.6km az=80.8

KRSC 08 18:41:28.0.0.8. 54.58N.162.27E, h23km, 5km, ML4.1, Near east coast of Kamchatka Peninsula

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

NEIC 08 19:35:08.2.1.2. 6.85S.154.99E, h62km, 11km, mb3.9/3, Error ellipse: s-maj=12.2km s-min=9.1km az=186.0

ISC 08 19:35:09.8.2.5. 6.79S.154.93E, h74km, 23km, mb3.7/8, mb1.3.0/1, mb1mx3.9/14, mb1mp4.0/11, MS3.0/1, Ms1.3.0/1, ms1mx2.8/14, Error ellipse: s-maj=22.3km s-min=13.9km az=178.0

ISC 08 19:35:07.6.1.8. 6.85S.0.1.154.92E.0.05, h67km, 17km, n22, r098/25, mb4.0/15, Bougainville - Solomon Islands region

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCP, BERNI, FUORN, OBKA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STON, ROSLEND, LMR, DGI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BAIF, LFF, ETOS, EPOB, etc.

CTA	Charters Tower	33.86 280	iP	P	00 29 08.1 +1.6
CTA	Charters Tower	33.86 280	iP	P	00 29 08.3 +1.8
CTA	Charters Tower	33.86 280	iP	P	00 29 08.1 +1.6
CTAO	Charters Tower	33.86 280	eP	P	00 29 08.2 +1.6
CTAO	Charters Tower	33.86 280	eP	P	00 29 08.2 +1.7
STKA	Stephens Creek	34.41 257	iP	P	00 29 13.6 +2.5
STKA	Stephens Creek	34.41 257	iP	P	00 29 13.7 +2.6
STKA	Stephens Creek	34.41 257	iP	P	00 42 26.6
STKA	Stephens Creek	34.41 257	iP	P	00 29 13.5 +2.3
ADE	Adelaide	36.40 252	eP	P	00 29 30.6 +2.5
PMG	Port Moresby	36.76 296	eP	P	00 29 48.9 +0.9
RKT	Rikitea	38.91 89	eS	S	00 35 43.6 -1.5
RKT	Rikitea	38.91 89	eS	S	00 38 45.0
RKT	Rikitea	38.91 89	eS	S	00 40 15.2
TAO	Taku	39.00 30.0	eS	S	00 41 15.7
Nuku Hiva	Nuku Hiva	41.44 66	eLR	LR	00 30 25.0 +1.2
ASPA	Alice Springs	43.10 267	iP	P	00 30 31.9 0.0
WB2	Warramunga Arr	44.10 273	iP	P	00 36 58.6 -3.3
WRAB	Tennant Creek	44.11 273	eP	P	00 30 31.9 -0.1
WRAB	Tennant Creek	44.11 273	eP	P	00 30 31.9 -0.1
WRA	Warramunga Arr	44.22 272	P	P	00 30 32.0 0.0
WRA	Warramunga Arr	44.22 272	P	P	00 36 05.9
WRA	Warramunga Arr	44.22 272	P	P	00 37 00.9 -1.2
WRA	Warramunga Arr	44.22 272	P	P	00 39 16.4
WRA	Warramunga Arr	44.22 272	P	P	00 30 32.0 0.0
WRA	Warramunga Arr	44.22 272	P	P	00 37 00.9 -1.2
WRA	Warramunga Arr	44.22 272	P	P	00 30 46.5 -0.2
SBA	Scott Base	47.70 184	eP	P	00 31 04.9 +5.2
SBA	Scott Base	47.70 184	eP	P	00 31 04.9 +5.2
VNDA	Vanda	47.75 186	eP	P	00 31 04.0 +3.8
VNDA	Vanda	47.75 186	eP	P	00 31 04.0 +3.8
KAKA	Kakadu	49.00 280	eP	P	00 31 26.3 +1.6
FITZ	Fitzroy Crossi	52.36 270	eP	P	00 31 35.5 -0.5
FITZ	Fitzroy Crossi	52.36 270	eP	P	00 31 35.8 -0.2
KLBR	Kellerberrin	54.24 251	iP	P	00 31 48.8 -1.1
CASY	Casey	54.84 208	iP	P	00 31 54.2 +0.5
MUN	Mundaring	55.39 250	eP	P	00 31 56.9 -1.3
GSPA	South Pole Qui	59.37 180	eP	P	00 32 28.8 +3.1
MIR	Mirny	61.82 207	iP	P	00 32 44.2 +1.7
MIR	Mirny	61.82 207	iP	P	00 32 44.2 +1.7
MIR	Mirny	61.82 207	iP	P	00 32 44.2 +1.7
MIR	Mirny	61.82 207	iP	P	00 32 44.2 +1.7
MAW	Mawson	71.99 201	iP	P	00 33 48.4 +1.9
MAW	Mawson	71.99 201	iP	P	00 33 48.5 +2.0
MAW	Mawson	71.99 201	iP	P	01 04 09.4
MAW	Mawson	71.99 201	iP	P	00 33 48.4 +1.9
KKM	Kota Kinabalu	72.67 288	eP	P	00 33 50.0 -1.6
TYG	Tagayitaya	73.68 298	eP	P	00 33 56.3 -1.1
KSM	Kuching	75.09 281	eP	P	00 34 04.5 -1.2
SYO	Syowa Base	76.78 193	iP	P	00 34 15.7 +1.5
SYO	Syowa Base	76.78 193	iP	P	00 34 15.7 +1.5
JOW	Kunigami	76.89 312	LR	LR	01 01 58.7
SNA	Snares	77.81 178	iP	P	00 34 21.7 +1.8
SNA	Snares	77.81 178	iP	P	00 34 27.4 +7.5
SNA	Snares	77.81 178	iP	P	00 34 53.3
SNA	Snares	77.81 178	iP	P	00 34 29.4 +8.7
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 43.8
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 54.3
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 22.5 +1.8
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 29.4
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 43.8
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 54.3
VNA3	Neumayer Olymp	77.96 176	eP	P	00 34 23.4
VNA3	Neumayer Olymp	77.96 176	eP	P	00 44 43.4
VNA3	Neumayer-Watz	78.40 177	eP	P	00 34 32.5 +9.4
VNA2	Neumayer-Watz	78.40 177	eP	P	00 34 45.1
VNA2	Neumayer-Watz	78.40 177	eP	P	00 34 25.3 +2.2
VNA2	Neumayer-Watz	78.40 177	eP	P	00 34 32.5
VNA2	Neumayer-Watz	78.40 177	eP	P	00 34 45.1
VNA2	Neumayer-Watz	78.40 177	eP	P	00 34 57.2
VNA2	Neumayer-Watz	78.40 177	eP	P	00 37 24.2
VNA2	Neumayer-Watz	78.40 177	eP	P	00 44 23.4
VNA2	Neumayer-Watz	78.40 177	eP	P	00 44 42.0
MJAR	Matsushiro Arr	78.53 325	P	P	00 34 21.6 -2.9
MJAR	Matsushiro Arr	78.53 325	P	P	01 06 10.0
NVL	N'lazarevskaya	78.53 183	eP	P	00 34 25.5 +1.6
NVL	N'lazarevskaya	78.53 183	eP	P	00 34 30.1 -4.1
NVL	N'lazarevskaya	78.53 183	eP	P	00 34 30.1 -4.1
VNA1	Neumayer-Stat	78.63 177	eP	P	00 34 34.1 +1.0
VNA1	Neumayer-Stat	78.63 177	eP	P	00 34 46.8
VNA1	Neumayer-Stat	78.63 177	eP	P	00 34 58.9
VNA1	Neumayer-Stat	78.63 177	eP	P	00 37 25.2
VNA1	Neumayer-Stat	78.63 177	eP	P	01 04 18.4
PLCA	Paso Flores	82.27 133	LR	LR	00 34 46.0 +1.6
PLCA	Paso Flores	82.27 133	LR	LR	01 02 44.6
PLCA	Paso Flores	82.27 133	LR	LR	01 02 44.6
PLCA	Paso Flores	82.27 133	LR	LR	01 06 55.0
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP	P	00 50 41.8 -8.3
SSE	Sheshan	84.33 311	eP	P	00 34 53.8 -1.3
SSE	Sheshan	84.33 311	eP	P	00 45 12.0 -5.0
SSE	Sheshan	84.33 311	eP		

Table of station data for the left column, including station names like ARU, AB31, NWA0, YKA, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like VNA3, Samuel, LPAZ, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like AYVA, AKS, AYDN, etc., and their associated coordinates and parameters.

Code	Station Name	h16km, 1.3km, pP-P, n315, r1525/112, mb4.9/38, MSS.1/163, 10C-7D, Vanuatu Islands region	Phase ID	Time	Res	ISC
Code	Station Name	h16km, 1.3km, pP-P, n315, r1525/112, mb4.9/38, MSS.1/163, 10C-7D, Vanuatu Islands region	Phase ID	Time	Res	ISC
DZM	Mont Dzumac	7.24 236 eP	ISC	06 13 26.9	-1.2	
DZM	Mont Dzumac	7.24 236 Pn	Pn	06 13 29.2	+1.1	
DZM	1.7nm, 0.3s, baz=67, slow=17, SNR=23		Sn	06 14 43.6	-7.1	
DZM	baz=274, slow=22, SNR=1.6		Sn	06 13 26.9	-1.2	
DZM	Mont Dzumac	7.24 236 eP	Pn	06 13 26.9	-1.2	
RAO	Raon Island	13.90 145 LR	LR	06 19 08.1		
RAO	comp=Z, 2.1um, 21.8s, mb4.9, baz=94, slow=32		LR	06 20 25.6		
HNR	Honiara	15.25 303 LR	LR	06 20 25.6		
HNR	comp=Z, 2.1um, 18.4s, baz=138, slow=35		LR	06 15 16.9	0.0	
AFI	Afiamau	15.30 76 Pn	P	06 15 17.4	-0.1	
AFI	baz=157, slow=15, SNR=4.0		Sn	06 18 06.3	-0.8	
AFI	0.6nm, 0.3s, baz=90, slow=20, SNR=2.1		Sn	06 19 37.7		
AFI	comp=Z, 3.2um, 20.5s, baz=254, slow=31		LR	06 15 17.3	-0.1	
AFI	Afiamau	15.30 76 Pn	P	06 15 17.3	-0.1	
AFI	68nm, 1.0s		P	06 15 17.3	-0.2	
AFI	Afiamau	15.30 76 P	P	06 15 17.3	-0.2	
AFI	comp=Z, 68nm, 1.0s		Pmax	06 16 20.4	+1.1	
URZ	Urewera	20.41 170 P	P	06 16 20.4	+1.1	
URZ	comp=Z, 63nm, 1.1s, baz=355, slow=9.1, SNR=32		P	06 20 17.4	+1.5	
URZ	comp=Z, 3.1nm, 0.9s, baz=58, slow=19, SNR=1.7		LR	06 22 36.6		
URZ	comp=Z, 3.1nm, 0.9s, baz=58, slow=19, SNR=1.7		LR	06 22 36.6		
SNZO	South Karori	23.17 177 PFAKE	PFAKE	06 17 00.0	+1.3	
SNZO	comp=Z, 8.2um, 22.0s, MSS.1		LR	06 17 08.1	+0.8	
CTA	Charters Tower	25.26 261 eP	P	06 17 08.1	+0.8	
CTA	comp=Z, 2.7nm, 0.9s, mb4.8		P	06 17 07.0	-0.4	
CTA	Charters Tower	25.26 261 P	P	06 17 07.0	-0.4	
CTA	comp=Z, 2.4nm, 0.8s, mb4.8, baz=88, slow=11, SNR=34		S	06 21 35.5	+6.2	
CTA	comp=Z, 2.2nm, 0.9s, baz=114, slow=10.0, SNR=1.7		LR	06 25 55.7		
CTA	comp=Z, 4.4um, 19.2s, MS4.9, baz=317, slow=34		LR	06 17 08.1	+0.8	
CTA	Charters Tower	25.26 261 eP	P	06 17 08.1	+0.8	
CTA	comp=Z, 2.7nm, 0.9s		Pmax	06 17 08.1	+0.8	
CTAO	Charters Tower	25.26 261 eP	P	06 17 08.1	+0.8	
CTAO	comp=Z, 2.30nm, 1.4s, mb5.7		P	06 17 08.1	+0.8	
CTAO	Charters Tower	25.26 261 eP	P	06 17 08.1	+0.8	
CTAO	comp=Z, 3.30nm, 1.4s, mb5.7		Pmax	06 17 08.1	+0.8	
RPZ	Rata Peaks	25.57 183 P	P	06 17 11.7	+1.6	
RPZ	comp=Z, 2.5nm, 0.9s, mb4.7, baz=27, slow=4.2, SNR=10		LR	06 26 01.8		
RPZ	comp=Z, 6.4um, 20.0s, MSS.1, baz=359, slow=33		LR	06 25 15.1		
RAR	Rarotonga	25.90 101 LR	LR	06 25 15.1		
RAR	comp=Z, 2.1um, 20.1s, MS4.6, baz=287, slow=31		LR	06 17 20.0	+6.7	
RAR	Rarotonga	25.90 101 PFAKE	PFAKE	06 17 20.0	+6.7	
RAR	comp=Z, 1.0nm, 21.0s		LR	06 26 36.4		
PMG	Port Moresby	26.44 286 LR	LR	06 26 36.4		
PMG	comp=Z, 4.4um, 18.4s, MS4.9, baz=90, slow=8.3, SNR=70		LR	06 17 30.0	+1.2	
PMG	Port Moresby	26.44 286 PFAKE	PFAKE	06 17 30.0	+1.2	
PMG	comp=Z, 4.4um, 20.0s, MSS.0		LR	06 17 40.0	+1.4	
KWAJ	Kwajalein Atol	27.25 349 PFAKE	PFAKE	06 17 40.0	+1.4	
KWAJ	comp=Z, 8.73nm, 19.0s, MS4.3		LR	06 18 01.7	-1.0	
STKA	Stephens Creek	31.39 238 eP	P	06 18 01.7	-1.0	
STKA	comp=Z, 1.2nm, 0.9s, mb4.7		P	06 18 01.9	-0.8	
STKA	Stephens Creek	31.39 238 P	P	06 18 01.9	-0.8	
STKA	comp=Z, 7.7nm, 0.8s, mb4.6, baz=68, slow=7.8, SNR=15		LR	06 30 13.4		
STKA	comp=Z, 3.1um, 18.4s, MS4.9, baz=68, slow=35		LR	06 18 30.0	+1.4	
TAU	Tasmania Univ	32.88 216 PFAKE	PFAKE	06 18 30.0	+1.4	
TAU	comp=Z, 1.1um, 19.0s, MS4.5		LR	06 24 11.8	-0.3	
TBI	Tubuai	35.51 105 eS	S	06 24 11.8	-0.3	
TBI	comp=Z, 2.6um, 30.0s, baz=278		eLQ	06 26 41.5		
TBI	comp=Z, 2.6um, 30.0s, baz=278		eLR	06 28 10.5		
PPT	Papeete	35.68 95 eS	S	06 24 14.0	-0.7	
PPT	comp=Z, 7.7um, 26.8s, baz=262		eLQ	06 29 46.7		
PPT	Papeete	35.68 95 LR	LR	06 29 46.7		
PPT	comp=Z, 2.1um, 20.1s, MS4.9, baz=258, slow=30		LR	06 18 44.5	-1.9	
WB2	Warramunga Arr	36.45 261 eP	P	06 18 44.5	-1.9	
WRAB	Tennant Creek	36.45 261 eP	P	06 18 44.9	-1.5	
WRAB	comp=Z, 3.1nm, 1.0s, mb5.2		LR	06 18 44.9	-1.5	
WRAB	comp=Z, 2.707nm, 20.0s, MS4.4		LR	06 18 44.9	-1.5	
WRAB	Tennant Creek	36.45 261 eP	P	06 18 44.9	-1.5	
WRAB	comp=Z, 3.1nm, 1.0s, mb5.2		Pmax	06 18 44.9	-1.5	
WRAB	comp=Z, 3.1nm, 1.0s, mb5.2		MLR	06 18 44.9	-1.5	
WRAB	comp=Z, 2.707nm, 20.0s, MS4.4		MLR	06 18 44.9	-1.5	
WRA	Warramunga Arr	36.46 261 P	P	06 18 44.7	-1.8	
WRA	comp=Z, 1.3nm, 0.9s, mb4.9, baz=90, slow=8.3, SNR=70		P	06 18 48.3	-0.8	
ASPA	Alice Springs	36.78 255 eP	P	06 18 48.3	-0.8	
WAKE	Wake Island	37.66 350 PFAKE	PFAKE	06 19 10.0	+1.3	
WAKE	comp=Z, 4.4um, 20.0s, MSS.2		LR	06 19 40.0	+8.0	
GUMO	Guam	41.92 317 PFAKE	PFAKE	06 19 40.0	+8.0	
GUMO	comp=Z, 2.1um, 21.0s, MS4.9		LR	06 19 36.3	0.0	
FORT	Forrest	42.47 244 eP	P	06 19 36.3	0.0	
FITZ	Fitzroy Cross	44.83 262 eP	P	06 19 55.9	+0.3	
FITZ	comp=Z, 2.5nm, 0.8s, mb4.9		P	06 26 54.3	-0.5	
TAOE	Nuku Hiva Isla	46.45 85 eS	S	06 26 54.3	-0.5	
TAOE	comp=Z, 2.7nm, 1.1s, mb5.1		eLQ	06 33 14.2		
TAOE	comp=Z, 9.9um, 26.7s		eLR	06 20 20.0	+7.3	
MIDW	Midway	47.00 12 PFAKE	PFAKE	06 20 20.0	+7.3	
MIDW	comp=Z, 2.1um, 20.0s, MS4.9		LR	06 20 40.0	+1.4	
POHA	Pohakuloa	48.74 41 PFAKE	PFAKE	06 20 40.0	+1.4	
POHA	comp=Z, 3.1um, 19.0s, MS5.3		LR	06 27 28.0	-0.3	
RKT	Rikitea	48.83 105 eS	S	06 27 28.0	-0.3	
RKT	comp=Z, 3.1um, 19.0s, MS5.3		eLQ	06 32 09.7		
RKT	comp=Z, 3.1um, 19.0s, MS5.3		eLR	06 34 17.5		
NWAO	Narogin (SRO)	51.82 242 PFAKE	PFAKE	06 21 00.0	+1.0	
NWAO	comp=Z, 2.1um, 19.0s, MS5.2		LR	06 21 10.0	+1.1	
DAV	Davao City (W)	52.99 294 PFAKE	PFAKE	06 21 10.0	+1.1	
DAV	comp=Z, 1.78nm, 19.0s, MS4.1		LR	06 22 00.0	+1.4	
VNDA	Vanda	59.69 183 PFAKE	PFAKE	06 22 00.0	+1.4	
VNDA	comp=Z, 3.1um, 20.0s, MS5.4		LR	06 21 47.3	+0.4	
SBA	Scott Base	59.85 182 eP	P	06 21 47.3	+0.4	
SBA	comp=Z, 2.3nm, 1.0s, mb5.2		LR	06 21 47.3	+0.3	
SBA	Scott Base	59.85 182 eP	P	06 21 47.3	+0.3	
SBA	comp=Z, 2.3nm, 1.0s, mb5.2		Pmax	06 21 47.3	+0.3	
SBA	comp=Z, 2.3nm, 1.0s, mb5.2		Pmax	06 21 47.3	+0.3	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 22 18.1	-1.2	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 22 17.8	-3.2	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 22 26.3	-0.8	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 22 40.0	+1.2	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 22 45.3	+4.0	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 31 40.8	+2.7	
SBA	comp=Z, 2.1um, 21.0s, MS5.2		MLR	06 32 02.0	-3.3	

Code	Station Name	h16km, 1.3km, pP-P, n315, r1525/112, mb4.9/38, MSS.1/163, 10C-7D, Vanuatu Islands region	Phase ID	Time	Res	ISC
QZH	comp=N, 950nm, 19.2s, MS5.2		LR	06 22 52.0	+0.4	
QZH	comp=E, 1.1um, 21.5s, MS5.2		LR	06 22 55.2	-2.4	
QZH	comp=Z, 810nm, 17.7s, MS5.0		LR	06 23 14.6	+0.1	
SSE	Sheshan	69.72 314 eP	P	06 22 52.0	+0.4	
SSE	comp=Z, 2.0nm, 0.7s, mb5.2		AP	06 22 55.2	-2.4	
SSE	comp=Z, 90nm, 5.3s		PcP	06 23 14.6	+0.1	
SSE	comp=N, 680nm, 40.6s, MS4.8		PP	06 23 26.0	-1.8	
SSE	comp=E, 720nm, 40.7s, MS4.8		S	06 32 00.9	+2.9	
SSE	comp=Z, 370nm, 20.7s		SS	06 32 53.1	+4.4	
SSE	Sheshan	69.72 314 eP	P	06 22 52.0	+0.4	
SSE	comp=Z, 2.2nm, 0.7s, mb5.2		SS	06 36 29.7	+1.6	
SSE	comp=Z, 380nm, 20.7s, MS4.6		pP	06 22 55.2	-2.4	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		sP	06 22 56.5	-3.2	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		PcP	06 23 14.6	+0.1	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		PP	06 25 26.0	-1.8	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		S	06 32 00.9	+2.9	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		sS	06 32 53.1	+4.4	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		SS	06 36 29.7	+1.6	
SSE	comp=Z, 2.2um, 22.0s, MSS.3		LR	06 23 00.0	+5.6	
YSS	Yuzh-Sakhalins	70.23 339 PFAKE	PFAKE	06 23 00.0	+5.6	
YSS	comp=Z, 2.2um, 22.0s, MSS.3		P	06 22 54.0	-0.4	
YSS	comp=Z, 2.2um, 22.0s, MSS.3		S	06 23 08.0	+4.3	
INCN	Inchon	70.38 322 PFAKE	PFAKE	06 23 10.0	+1.4	
INCN	comp=Z, 521nm, 20.0s, MS4.8		LR	06 23 05.1	+0.4	
NJ2	Nanjing	71.89 314 eP	P	06 23 05.1	+0.4	
NJ2	comp=Z, 10.0nm, 0.8s, mb4.8		AP	06 23 10.1	-0.6	
NJ2	comp=N, 940nm, 28.7s, MS5.1		XP	06 23 13.1	+0.3	
NJ2	comp=Z, 10.0nm, 0.8s, mb4.8		PP	06 25 48.1	+2.0	
NJ2	comp=Z, 10.0nm, 0.8s, mb4.8		S	06 32 25.0	+1.8	
NJ2	comp=N, 940nm, 28.7s, MS5.1		AMB	06 23 10.0	+5.6	
NJ2	comp=E, 1.1um, 33.5s, MS5.1		LR	06 23 10.0	+5.6	
NJ2	comp=Z, 370nm, 20.2s		LR	06 23 10.0	+5.6	
PET	Petrovskiy	71.90 351 PFAKE	PFAKE	06 23 10.0	+5.6	
PET	comp=Z, 4.4um, 22.0s, MS5.7		LR	06 23 02.9	-1.5	
PET	Petrovskiy	71.90 351 eP	P	06 23 02.9	-1.5	
PET	comp=Z, 4.4um, 22.0s, MS5.7		eS	06 32 13.8	-9.4	
PET	South Pole Qui	71.94 180 P	P	06 23		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pioggiola, Simiane la Rot, La Foret Royal, LFR, LMR, ESDC, Sonseca Array, ES/ESLA.

MOS 09 06:16:15.6, 1.6, 56.05N, 114.59E, h12km, mb4.1/4, Error ellipse: s-maj=12.3km s-min=9.5km az=59.9

IDC 09 06:16:15.6, 1.6, 56.56, 13N, 114.27E, mb3.6/4, mb1 3.8/5, mb1mx3.6/21, mbtmp3.75, ML3.8/1, Error ellipse: s-maj=104.8km s-min=27.6km az=107.0

BYKL 09 06:16:18.2, 0.3, 56.07N, 114.52E, h15km, 12km, FELT I=II MSK at Yanchukan

ISC 09 06:16:16.8, 0.6, 56.05N, 0.03, 114.57E, 0.04, h14km, 4km, n05, r1s28/97, mb3.7/5, MS3.5/1, 9C-8D, East of Lake

Main station list table for the left column, including stations like Severomuyksk, Nelyaty, Uoyan, Kurora, Chara, Ulyunkhan, Nizh Angarsk, Tupik, etc.

Main station list table for the middle column, including stations like Suvo, Chita, Turuntaevo, Tyrgan, Fofonovo, Khapcheranga, Listvyanka, Kirovskiy, Zeya Talaya, Arshan, Zakamensk, Mondy, Orlik, Songino Array, Todzha, Krasnoyarsk, Tiksi, Kurchatov, Makanchi Array, Borovoye Array, Bilbino, Fines Array, NOA, etc.

Main station list table for the right column, including stations like Warramunga Arr, Songino Array, Makanchi Array, Fitzroy Crossi, Tennant Creek, Warramunga Arr, STKA, STKA, MKAR, ZAL, ARU, Balcova, Samos, Izmir, Bornova, Paraskivi, Akhisar, Talasul, Bodrum, Kayabasi, Apeiranthos, Manisa, Datca, Yerkesik, Cakirokul, Dalyan (Mudia), Denali Highway, Donnelly Dome, Trims Highway, Harding Lake, Wood River Hill, Brown, PAX, Clear Creek Bu, Hurricane, Nenana, Eielson Array, Eielson Array, College, Sourdough, Mourdy Dome, Kantishna Hill, Dot Lake, Chulitna, Sheep Creek Mo, Tazina, Sawmill, Mentasta, Glory Hole Cre, Manley, Palmer, Klutina, Valdez, Jack Peak, Divide, Rabbit Creek A, Glacier Island, Fire Island, Glishina Butte, Fort Fidalgo, Strandline Lak, Bremner River, Cordova Ski Ar, Crater Peak, Mount Spurr, Hinchinbrook I, etc.

IDC 09 06:57:44.4, 1.5, 0.59S, 124.63E, mb3.5/3, mb1 3.7/3, mb1mx3.6/15, mbtmp3.6/3, Error ellipse:

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CKL Chachakamna La, SKLM Skiak Lake, BALM Baldy, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAF Kangasniemi, NO2 NORSTAR Subarra, SOMM Songino Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GRF Grafenberg Arr, PRU Prunichio, AKU Main Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIED 09:20:00, JMA 09:20:35, and Ryukyu Islands.

IDC 09:07:32:01.4,5.5,1.08N,-97.87E,mb3.7/4,mb1 3.9/4,
 mb1mx3.6/18,mbtomp3.7/4,Error ellipse:
 s-maj=271.7km s-min=28.2km az=52.0,Northern
 Sumatara

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	41.41	122	Op	P	07 39 49.8	-1.6
0.3nm,0.5s,ba	z=301,slow=1.5,SNR=5.4						
MKAR	Makanchi Array	47.52	346	P	P	07 40 39.2	-1.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
ZAL	Zalesovo	53.77	350	P	P	07 41 25.3	-2.4
1.3nm,0.7s,ba	z=233,slow=4.8,SNR=8.5						
BVAR	Borovyroye Array	56.58	340	P	P	07 41 45.0	-3.2
0.5nm,0.7s,ba	z=135,slow=10,SNR=2.9						

ATH 09:07:33:58.7,38.15N,-26.78E,h37km,6km,MD3,2/3
 CSEM 09:07:33:58.8,0.1,38.17N,-26.65E,h12km,MD2,8,Error
 ellipse: s-maj=2.3km s-min=1.6km az=135.0
 ISK 09:07:34:00.3,38.13N,-26.74E,h17km,MD2,8
 ISC 09:07:33:58.3,0.9,38.21N,-0.03,26.56E,0.05,h4km,5km,
 n18,-c105/30,Aegean Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
URLA	Izmir	0.15	12	Op	P	07 34 01.4	+0.1
1.9nm,0.5s,ba	z=200,slow=1.9,SNR=8.0						
SMG	Samos	0.55	156	ePB	P	07 34 02.4	+0.7
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
IWM	Izmir	0.58	71	iPG	P	07 34 10.0	+1.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
KDAG	Bornova	0.59	71	iP	P	07 34 18.3	+0.5
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
KDAG	Paraskevi	1.05	348	ePN	P	07 34 17.1	-0.8
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
PRK	Paraskevi	1.05	348	ePN	P	07 34 20.1	+0.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
AYDN	Tasoluk	1.18	117	iP	P	07 34 21.1	+0.3
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
AKS	Akhisar	1.19	56	ePN	P	07 34 21.5	-0.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
AKS	Akhisar	1.19	56	ePN	P	07 34 21.5	-0.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
BODT	Bodrum	1.30	152	ePN	P	07 34 20.1	+0.4
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
MLSB	Milas	1.33	133	ePN	P	07 34 22.5	-1.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
BDRM	Kayabasi	1.35	148	iP	P	07 34 26.7	+3.0
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
BDRM	Kayabasi	1.35	148	iP	P	07 34 42.9	+1.8
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
APE	Apeiranthos	1.40	216	ePN	P	07 34 26.6	+1.9
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
APE	Apeiranthos	1.40	216	ePN	P	07 34 24.5	-0.2
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
APE	Apeiranthos	1.40	216	ePN	P	07 34 23.5	+0.3
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
MANT	Manisa	1.60	79	iP	P	07 34 28.7	+1.3
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
MANT	Manisa	1.60	79	iP	P	07 34 49.3	+0.9
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
DAT	Dataca	1.69	151	ePN	P	07 34 27.6	-1.2
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
YER	Yerkesik	1.74	128	ePN	P	07 34 28.1	-1.4
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
BTOK	Tokmak	1.93	36	iP	P	07 34 29.1	-2.6
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
BTKO	Tokmak	1.93	36	iP	P	07 34 56.2	-0.9
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
DNZL	Cakirokullu	2.04	104	iP	P	07 34 37.8	+4.1
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
DNZL	Cakirokullu	2.04	104	iP	P	07 35 06.2	+6.3
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
ULDT	Uludag	2.78	45	iP	P	07 34 51.6	+7.2
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						
ULDT	Uludag	2.78	45	iP	P	07 35 25.4	+6.7
0.4nm,0.6s,ba	z=162,slow=7.8,SNR=6.3						

NNC 09:07:52:46.5,2.0,44.49N,-80.99E,h5km,1.1km,mpv3.2,
 10C-3D,Error ellipse: s-maj=20.4km s-min=8.9km
 az=132.0,Kazakhstan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MK31	Makanchi Array	2.48	21	iP	P	07 53 30.4	+2.2
2.9nm,0.5s,ba	z=200,slow=1.9,SNR=8.0						
MK31	Makanchi Array	2.48	21	iP	P	07 54 03.2	
9.9nm,0.3s,ba	z=189,slow=2.9,SNR=11						
AAK	Ala-Archa	5.08	251	iP	P	07 54 20.2	-7.7
2.3nm,0.5s							
AAK	Ala-Archa	5.08	251	iP	P	07 55 24.7	
10nm,0.5s							
KURK	Kurchatov	6.43	346	iP	P	07 54 24.4	+0.2
1.4nm,0.7s							
KURK	Kurchatov	6.43	346	iP	P	07 55 35.9	-3.0
0.9nm,0.4s							
KURK	Kurchatov	6.43	346	iP	P	07 56 14.6	
7.8nm,0.5s							
KK31	Kararay Array	7.71	263	iP	P	07 54 41.9	-0.3
0.7nm,0.5s,ba	z=75,slow=17,SNR=5.0						
KK31	Kararay Array	7.71	263	iP	P	07 56 48.0	
1.4nm,0.5s,ba	z=72,slow=19,SNR=8.4						
VOSK	Vostochnaya	10.57	325	iP	P	07 57 16.5	-4.9
1.3nm,1.1s							
VOSK	Vostochnaya	10.57	325	iP	P	07 58 22.2	
13nm,1.4s							
BVA0	Borovyroye Array	11.03	324	iP	P	07 58 36.4	
0.8nm,0.5s,ba	z=137,slow=2.5,SNR=5.6						
CHKZ	Chkalov	11.42	327	iP	P	07 58 52.3	
8.3nm,1.1s							

IDC 09:08:00:22.9,0.5,15.14S,-173.66W,mb4.5/14,mb4 1.7/15,
 mb1mx4.7/16,mbtomp4.5/15,ML4.9/1,MS4.8/21,Ms1 4.8/21,
 ms1mx4.8/21,Error ellipse: s-maj=26.3km s-min=14.5km
 az=132.0

BJI 09:08:00:25.9,15.30S,-173.60W,h31km,mb5.4,mb4.9,
 Ms5.2,Ms2.0

MOS 09:08:00:27.5,1.1,15.33S,-173.48W,h33km,mb5.4/24,
 MS5.1/12,Error ellipse: s-maj=14.7km s-min=11.0km
 az=57.5

NEIC 09:08:00:28.0,0.2,15.27S,-173.64W,mb5.2/56,MS5.3/10,
 MW5.4,Error ellipse: s-maj=9.0km s-min=4.9km az=138.0,
 Moment Tensor Solution. s22 Moment tensor: Scale 1017
 Nm; Mrr=0.23; Mθθ=0.24; Mφφ=0.46; Mrr-1.47; Mθθ-0.23;
 Mφφ-0.22; Best double couple: M1:1.5x1017 N1:187°
 P1:45°,Az1:179°; N2:2.0x1017 N2:187°; P2:45°,Az2:179°;
 Principal axes: T 1.7, P1:45°,Az1:179°; N -0.35, P1:45°,Az1:179°; P -1.36,
 P1:45°,Az1:179°.

HRVD 09:08:00:28.0,0.1,15.18S,-173.46W,h46km,2km,MW5.4/74,
 Centroid moment Tensor Solution. LP body waves:
 s57,c102;Mantle waves: s74,c138; Half duration: 1s3
 Moment tensor: Scale 1017Nm; Mrr=0.42±0.3;
 Mθθ=0.46±0.3; Mφφ=0.03±0.3; Mrr-1.66±0.6; Mθθ-0.07±0.3;
 Mφφ=0.02±0.2; Best double couple: M1:1.7x1017 N1:187°
 P1:45°,Az1:179°; N2:2.0x1017 N2:187°; P2:45°,Az2:179°;
 Principal axes: T 1.738, P1:38°,Az1:177°; N -0.4, P1:38°,Az1:177°;
 P -1.698, P1:38°,Az1:177°; nsta1 refers to body waves,
 cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ORF 09:08:00:26.4,0.2,9.55S,-175.45E,h30km,mb5.0
 ISC 09:08:00:26.4,0.2,9.55S,-175.45E,h30km,mb5.0
 h37km-1,2km;pp-P,n345,c089/154,mb5.0/72,MS5.0/33,
 17C-15D,Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
AFI	Afihamu	2.30	56	Op	P	08 00 57.3	-5.8
943nm,0.3s,ba	z=189,slow=2.3,SNR=10.2						
AFI	Afihamu	2.30	56	Op	P	08 01 18.6	-12
3um,0.3s,ba	z=356,slow=20,SNR=23						
AFI	Afihamu	2.30	56	Op	P	08 01 43.2	
comp=Z,18um,20.5s,ba	z=196,slow=17						
AFI	Afihamu	2.30	56	ePN	P	08 00 57.4	-5.7
0.4nm,0.3s,ba	z=261,slow=6.0,SNR=4.6						
RAR	Rarotonga	14.55	116	Pn	P	08 03 47.5	-4.8
5.1nm,0.3s,ba	z=261,slow=6.0,SNR=4.6						
RAR	Rarotonga	14.55	116	Pn	P	08 08 02.5	
comp=Z,2um,21.8s,ba	z=295,slow=32						
DZM	Mont Dzumac	19.96	247	P	P	08 05 00.3	+1.0
4.2nm,0.9s,ba	z=275,slow=23,SNR=2.6						
PPT	Papeete	23.30	99	eLQ	P	08 09 51.0	
2um,28.5s							
PPT	Papeete	23.30	99	eLQ	P	08 12 32.4	
comp=Z,361nm,18.2s,MS3.9,ba	z=267,slow=31						
TBI	Tubuai	24.29	113	eLQ	P	08 10 30.3	
3um,28.2s,ba	z=286						
URZ	Urevera	24.35	198	P	P	08 05 44.0	+1.1
12nm,0.5s,mb4.6,ba	z=132,slow=3.2,SNR=17						
URZ	Urevera	24.35	198	P	P	08 14 29.7	
comp=Z,6um,19.2s,MS5.1,ba	z=304,slow=35						
HNR	Honiara	26.32	280	LR	P	08 15 28.8	
comp=Z,419nm,18.2s,MS4.0,ba	z=131,slow=34						
RPZ	Rata Peaks	31.24	202	P	P	08 06 46.5	+0.9
4.7nm,0.7s,mb4.4,ba	z=18,slow=6.4,SNR=2.3						
RPZ	Rata Peaks	31.24	202	P	P	08 18 48.8	
comp=Z,5um,19.6s,MS5.2,ba	z=310,slow=35						
TAOE	Nuku Hiva Isla	33.43	83	eLR	P	08 15 33.7	
3um,25.6s,ba	z=265						

RKT	Rikitea	37.37	108	eS	S	08 13 21.8	-2.1
RKT	Rikitea	37.37	108	eLQ	LR	08 15 56.4	
RKT	Rikitea	37.37	108	eLR	LR	08 17 13.9	
CTA	Charters Tower	38.36	257	P	P	08 07 47.1	+0.3
1.8nm,0.5s,ba	z=204,slow=1.8,SNR=4.7						
CTAO	Charters Tower	38.36	257	P	P	08 07 45.5	-1.2
18nm,1.1s,mb4.7							
CTAO</							

Table with columns: YKA, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Yellowknife Ar, Kunming, JuntasAbangare, etc.

Table with columns: CRVS, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Cerivenica-Dubn, Moravsky Berou, Moxa, etc.

Table with columns: ULDT, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Uludag, Saint Sault, Monte Rota, etc.

NDI 09 08:02:05.44.2.34.35N:73.47E, h10km, MD3.5, ML3.5, mb3.6(NEIC)
MOS 09 08:02:06.9.1.3.34.43N:73.62E, h10km, mb4.4/1, Error ellipse: s-maj=18.8km s-min=7.0km az=97.7

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res. Includes stations like Thein Dam, Dalhousie, Bhakra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Makanchi Array, Borovoye Array, etc.

MOS 09 08:08:54.8, 1.2, 54.48N, 164.74E, h41km, mb4.3/1, Error ellipse: s-maj=30.5km s-min=25.0km az=50.2

Komandorskiy Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bering, Krutoberegovo, Zelenaya, etc.

BJIJ 09 08:17:33.3, 11.09N, 92.54E, h30km, mb4.8, mb4.8, Ms3.8, Ms2.6
IDC 09 08:17:35.4, 0.5, 11.77N, 92.44E, mb4.3/19, mb1 4.5/19, mb1mx4.3/24, mbtmp4.3/19, Error ellipse: s-maj=27.5km s-min=12.5km az=62.0

ellipse: s-maj=20.1km s-min=8.1km az=106.5
NEIC 09 08:17:40.1, 0.2, 11.77N, 92.44E, h30km, mb4.6/9, Error ellipse: s-maj=10.7km s-min=4.7km az=64.0

ISC 09 08:17:38.6, 0.4, 11.72N, 0.05, 92.24E, 0.04, h33km, n79, c109/74, mb4.4/33, MS3.8/1, 1C, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Vishakhapatnam, Kulim, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Eskdalemuir Arr, Eielson Array, Inuvik, etc.

MAN 09 08:37:39.2, 9.78N, 123.05E, h25km, mb4.1, ML2.9, MS2.6, ID, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, GUM Jordan, LLLP Lapu-Lapu, etc.

IDC 09 08:43:11.3, 5.5, 34.46N, 72.92E, mb3.8/3, mb1 4.0/4, mb1mx3.7/20, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=103.2km s-min=66.1km az=2.0

NNC 09 08:43:24.8, 3.4, 35.06N, 72.86E, h81km, 40km, mpv3.5, Error ellipse: s-maj=41.3km s-min=25.0km az=95.0

ISC 09 08:43:17.8, 1.5, 34.90N, 0.07, 73.1E, 0.2, h40km, 19km, n13, c19/19, mb3.7/2, 3C-2D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, SDNR Sundarnagar, SMLA Simla, etc.

NEIC 09 08:56:54.2, 15.71N, 93.91W, h76km, MD4.2 (MEX), After MEX

MEX 09 08:56:54.8, 1.3, 15.62N, 93.90W, h44km, 198km, MD4.2, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SCX San Cristobal, CCIG Comitán, CCUG Huatulco, etc.

IDC 09 08:28:49.0, 3.2, 28.53S, 177.40W, h48km, 28km, mb3.7/3, mb1 3.9/3, mb1mx3.6/11, mbtmp4.0/3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/21, Error ellipse: s-maj=48.2km s-min=36.0km az=136.0

ISC 09 08:28:55.0, 7.29, 29.45S, 0.07, 178.1W, 1.0, 2, h77km, 7km, n29, c138/19, mb3.9/3, 3C, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MXZ Matakoapa Point, MWZ Matawai, etc.

NDI 09 09:42:46.8, 2.6, 34.95N, 73.14E, h10km, ML3.3
NNC 09 09:42:51.3, 2.0, 35.05N, 72.11E, mpv3.3, Error ellipse: s-maj=193.4km s-min=182.6km az=81.0

9d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kalpa, Kundal, Karatay Array, etc.

IDC 09 10:04:53.1±0.7, 28.17N, 140.05E, h41km, 10km, mb3.3/10, mb1.3/4, mb1mx3.4/22, mbtmp3.4/12, Error ellipse: s-maj=31.4km, s-min=12.4km, az=73.0

JMA 09 10:04:53.9±0.1, 28.32N, 140.48E, h426km, M3.8

ISC 09 10:04:52.8±0.5, 28.23N, 140.06E, h426km, 7km, n29, c0594/33, mb3.6/11, Bonin Islands region

Main table for 9d 11h section, listing station codes, names, and seismic data for various stations like Chichi jima, Boso, etc.

BJI 09 10:05:01.4, 21.95N, 111.58E, h30km, ML4.3

PLV 09 10:05:06.5±1.0, 21.85N, 111.09E, MD4.1

ISC 09 10:05:08.1±1.3, 21.72N, 110.92E, h10km, n7, c1518/20, Southeastern China

Table for BJI and PLV events, listing station codes and seismic data for stations like Qiongzong, Yeu Tu, etc.

HLW 09 10:11:23.0, 34.77N, 24.79E, h20km, Mb3.1

CSEM 09 10:11:23.6±0.2, 34.57N, 24.76E, h30km, MD3.3, Error ellipse: s-maj=6.1km, s-min=5.0km, az=71.0

ATH 09 10:11:24.5, 34.78N, 24.74E, h56km, 5km, MD3.3/5

NEIC 09 10:11:24.5, 34.78N, 24.74E, h56km, MD3.3(ATH), After ATH

ISC 09 10:11:23.5±1.1, 34.60N, 0.07E, h24.76E, h57km, 28km, n9, c0996/14, 3C, Crete

Table for HLW, CSEM, ATH, and NEIC events, listing station codes and seismic data for stations like Gavdhos, Xry, etc.

IDC 09 10:16:57.1±4.7, 47.11N, 152.57E, h121km, 54km, mb3.4/6, mb1.3/7.7, mb1mx3.4/22, mbtmp3.8/7, Error ellipse: s-maj=52.5km, s-min=33.8km, az=4.0, Kuril Islands

Table for IDC 09 10:16:57 event, listing station codes and seismic data for stations like Asahikawa, Elsieon Array, etc.

ISC 09 10:44:11.5, 35.40N, 29.46E, h31km, MD3.5

CSEM 09 10:44:12.5±0.1, 35.53N, 29.54E, h25km, MD3.6, Error ellipse: s-maj=1.7km, s-min=1.4km, az=85.0

ATH 09 10:44:15.9, 35.78N, 29.32E, h31km, 4km, MD3.6/5

NEIC 09 10:44:15.9, 35.78N, 29.32E, h31km, MD3.6(ATH), ML3.5(ISK), After ATH

2005 NOV

HLW 09 10:44:20.7, 35.15N, 29.48E, h23km, Mb3.6

ISC 09 10:44:13.1±0.8, 35.53N, 0.03E, 29.54E, 0.04, h27km, 8km, n37, c0590/48, 4D, Eastern Mediterranean Sea

Main table for 2005 NOV section, listing station codes, names, and seismic data for stations like Kastellorizon, Kas, etc.

MOS 09 11:1:27.8±1.1, 34.91N, 71.34E, h15km, mb4.7/12, Error ellipse: s-maj=9.4km, s-min=5.1km, az=102.1

BJI 09 11:1:28.7, 35.04N, 71.23E, h10km, mb4.9, mb4.7, ML4.8, Ms4.6, Ms2.0

NEIC 09 11:1:28.9±0.3, 34.88N, 71.30E, h10km, mb4.7/15, Error ellipse: s-maj=6.9km, s-min=4.2km, az=221.0

IDC 09 11:1:34.8±3.2, 35.12N, 71.20E, h46km, 29km, mb4.2/15, mb1.4/4.18, mb1mx4.3/23, mbtmp4.5/18, ML4.5/3, MS3.4/5, Ms1.3/4.5, ms1mx3.3/30, Error ellipse: s-maj=15.3km, s-min=12.7km, az=141.0

NNC 09 11:1:40.8±4.5, 35.21N, 70.97E, h135km, 40km, mpv5.2, Error ellipse: s-maj=54.4km, s-min=34.8km, az=62.0

ISC 09 11:1:31.5±0.5, 34.81N, 0.02E, 71.36E, 0.04, h50km, 6km, n144, c1544/177, mb4.5/35, MS3.6/9, 17C-7D, Pakistan

Main table for 2005 NOV section, listing station codes, names, and seismic data for stations like CEP, CHCP, etc.

188

Main table for 188 section, listing station codes, names, and seismic data for stations like AJM, Oshpenovka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like ANN Anapa, ZAK Zakamensk, SONMI Songino Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like LVA3 Lavaj-Reventad, ANTE Cono Ner Re Vo, PISA Pisayambo, etc.

9d 11h

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like CEN1 Los Morros, BPA Boggy Peak, ANCH Antofagasta, etc.

2005 NOV

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like PLCA comp-Z,117nm,0.8s,baz=343,slow=8.4,SNR=2.8, etc.

190

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like SDCO Great Sand Dun, ISCO Idaho Springs, WUAZ Wupa, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LOHW, TPH, TPW, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like COR, MPOR, CHIE, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KLP, KK31, KK31, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like GCSA, GCSA, GCSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WRA, WB2, ASPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MK31, MK31 Makanchi Array, MKAR Makanchi Array, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TGY San Jose, SJMP Kalibo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 09 20:29:31, Mindoro, SJMP San Jose, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUC 09 20:39:57, Central Chile, CPCH Copiapo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEN1 Los Morros, ANCH Antofagasta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WEL 09 21:13:01, Cook Strait, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PET, UGLR, AVH, KOK, SMAR, NLC, SPN, MYA, etc.

IDC 10 04:02:06.2, 0.2, 1.73N, 126.74E, mb3.7/3, mb1 3.8/3, mb1mx3.6/13, mbtmp3.7/3, Error ellipse: s-maj=179.0km s-min=26.4km az=64.0, Northern Molouca Sea

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

BUI 10 04:45:39.2, 0.49, 10N, 107.4E, h19km, ML3.8, Ms3.6, Ms3.3, Western Nei Mongol

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

HLW 10 04:47:38.6, 35.57N, 27.50E, h6km, Mb3.5 CSEM 10 04:47:38.4, 0.1, 35.41N, 27.46E, h10km, MD3.7, Error ellipse: s-maj=2.3km s-min=1.8km az=106.0

ISC 10 04:47:39.5, 0.6, 35.42N, 0.02, 27.35E, 0.03, h18km, gkm, n68, r136/91, mb3.7/3, 1C-5D, Dodecanese Islands

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

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

IDC 10 05:18:23.4, 1.1, 28.11N, 141.54E, mb4.0/4, mb1 4.2/4, mb1mx3.7/20, mbtmp4.0/4, Error ellipse: s-maj=73.3km s-min=18.9km az=66.0, Bonin Islands region

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

GUC 10 05:19:42.5, 0.6, 30.09S, 70.53W, h45km, gkm, MD4.0, ML3.2, Chile-Argentina border region

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

BUI 10 05:28:16.6, 57.17N, 120.53E, h5km, mb4.6, mb4.4, ML4.6, Ms4.3

IDC 10 05:28:18.0, 1.0, 57.42N, 120.64E, mb3.9/11, mb1 4.0/12, mb1mx3.9/23, mbtmp3.9/12, ML2.9/1, MS3.0/2, Ms1.3/0.2, ms1mx2.7/27, Error ellipse: s-maj=24.0km s-min=20.3km az=157.0

BYKL 10 05:28:19.3, 0.6, 57.46N, 120.70E, MS3.4 NEIC 10 05:28:19.6, 0.5, 57.40N, 120.56E, h5km, mb4.3/9, Error ellipse: s-maj=13.3km s-min=8.7km az=158.0

MOS 10 05:28:23.0, 3.3, 57.26N, 120.49E, h16km, mb4.2/6, Error ellipse: s-maj=11.6km s-min=9.4km az=73.2

ISC 10 05:28:19.1, 0.3, 57.39N, 0.03, 120.69E, 0.4, h10km, n80, r151/85, mb4.1/19, 1C-1D, Southeastern Siberia

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

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

Table with columns: ZAK, ZAK, Zakamensk, 12.41 243, eSg, Smax, Sx, 05 34 46.7, 05 35 17.2, ...

PRU 10 05:43:11.7, 50.00N, 7.55E
CSEM 10 05:43:11.8, 0.49, 98N, 7.49E, h12km, ML3.5/32, Error ellipse: s-maj=0.7km s-min=0.7km az=32.0

Table with columns: Code, Station Name, Az, Phase ID, Time, ISC, h, s, ISC, ...

Main table with columns: WLF, Walferdange, 0.85 252, ePg, Pg, 05 43 29.7, +2.6, ...

Table with columns: SFTF, SFTF, 22nm, 0.2s, eSg, Sn, 05 44 17.1, +0.4, ...

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

ATH 10 07:14:36.7, 38.16N-26.92E, h40km, MD3.1/4
ISK 10 07:14:37.1, 38.15N-26.59E, h13km, MD3.3
NEIC 10 07:14:37.0, 38.16N-26.59E, h15km, MD3.3(ISK)

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

GUC 10 07:15:09.6, 0.9, 23.09S, 68.17W, h140km, 9km, MD3.8, ML3.1C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPCH, CEN1, ANCH, etc.

NEIC 10 07:56:49.4, 34.78S-71.80W, h37km, MD3.5(GUC), After GUC

GUC 10 07:56:49.4, 0.6, 34.78S-71.80W, h37km, 5km, MD3.5, ML2.3, 2D, Near coast of central Chile

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

ATH 10 08:04:34.5, 38.16N-26.83E, h36km, 13km, MD3.0/3
ISK 10 08:04:35.6, 38.15N-26.82E, h21km, MD2.8
CSEM 10 08:04:35.6, 0.1, 38.19N-26.84E, h25km, MD2.8, Error

ISC 10 08:04:34.4, 0.8, 38.18N-0.04, 26.71E, 0.05, h9km, 6km, n13, 0.68/20, Aegean Sea

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

MAN 10 08:16:44.5, 8.92N-122.46E, h35km, mb3.9, ML2.7, MS2.3, 1C, Mindanao

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

GUIM Jordan 1.70 4 eP P 08 17 12.2 0.0
GUIM 08 17 49.3 +1.6

ATH 10 08:37:20.6, 40.57N-21.74E, h23km, 2km, MD3.2/4
NEIC 10 08:37:20.6, 40.57N-21.74E, h23km, MD3.2(ATH), After ATH

THE 10 08:37:22.4, 40.54N-21.66E, h11km, ML3.0
CSEM 10 08:37:22.1, 0.1, 40.54N-21.67E, h15km, ML3.0, Error

ISC 10 08:37:22.5, 0.4, 40.50N-0.03, 21.73E, 0.03, h6km, 5km, n22, 0.95/31, 2C, Greece

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

NIED 10 08:44:00, 33.20N, 141.80E, h5km, Mw4.6 Best double couple: M=9.73x10^15 NP1=238°, δ65°, λ112°. NP2=14°, δ33°, λ51°

IDC 10 08:44:35.5, 0.6, 33.25N, 141.83E, mb4.2/14, mb1 4.4/18, mb1mx4.3/24, mbmp4.2/18, ML3.9/4, MS3.9/9, M1 3.9/9, ms1mx3.6/27, Error ellipse: s-maj=16.3km s-min=14.6km az=178.0

JMA 10 08:44:38.2, 0.5, 33.25N, 141.84E, h100km, M3.7
BJJ 10 08:44:40.7, 33.45N-142.02E, h72km, mb4.7, mb4.6, Ms4.6, Ms24.3

MOS 10 08:44:40.0, 0.1, 33.23N, 141.64E, h40km, mb4.7/20, Error ellipse: s-maj=16.1km s-min=8.1km az=120.0

NEIC 10 08:44:42.6, 1.1, 33.28N, 141.68E, h48km, 9km, mb4.6/21, Mw4.6(NIED), Error ellipse: s-maj=8.7km s-min=7.3km az=140.0

ISC 10 08:44:38.1, 5.1, 33.17N-0.03, 141.78E, 0.05, h28km, 11km, n113, 0.13/10/24, mb4.5/40, MS4.2/11, 1C-2D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1, JHJ, BSO2, etc.

YSS 0.6h, 0.3s, baz=192, slow=2.7, SNR=8.9
CN2 Changchun 16.59 315 eP P 08 48 31.3 +1.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CN2, SSE, ASAJ, etc.

NJ2 comp=N,410nm,12.8s LR LR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NJ2, HIA, WHN, etc.

Attu Island-F 29.88 39 LR LR 09 02 24.9

SOMM Songoing Array 30.33 309 P P 08 50 49.7 +0.3

SEY Seymchan 30.53 10 iP P 08 50 50.5 -0.5

BOD Bodaibo 31.00 331 eP P 08 50 52.9 -2.3

LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

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LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

LZH Lanzhou 31.22 286 eP P 08 50 56.6 -0.8

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSO, MCMT, CHMT, DLMT, DUG, etc.

ATH 10 11:44:53.7, 38.28N-22.36E, h24km, 3km, MD3.2/12, ML3.1

NEIC 10 11:44:53.7, 38.28N-22.36E, h24km, ML3.1(ATH), After ATH.

THE 10 11:44:54.1, 38.28N-22.28E, h12km, ML2.8

CSEM 10 11:44:54.0, 1.38.27N-22.38E, h10km, ML3.1, Error ellipse: s-maj=2.5km s-min=2.1km az=150.0

ISC 10 11:44:53.0, 0.9, 38.30N-0.04, 22.32E, 0.05, h10km, 7km, n15, c1905/21, 1C, Greece

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

ISK 10 12:09:53.0, 37.88N-38.00E, h4km, MD3.4

CSEM 10 12:09:55.8, 0.1, 37.86N-37.97E, h40km, MD3.4, Error ellipse: s-maj=3.1km s-min=2.5km az=166.0

ISC 10 12:09:53.9, 0.5, 37.85N-0.02, 37.97E, 0.03, h13km, 4km, n38, c1906/58, 6D, Turkey

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

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

ISC 10 12:10:18.1, 1.1, 9.00N-126.29E, mb3.8/4, mb1.4/1, mb1mx3.7/17, mbtmp3.8/4, Error ellipse: s-maj=69.6km s-min=26.7km az=70.0

MAN 10 12:10:25.2, 8.86N-126.40E, h33km, mb4.5, ML3.4, MS3.2

ISC 10 12:10:24.0, 0.7, 8.91N-0.03, 126.48E, 0.05, h58km, 8km, n22, c1913/6b, mb3.8/4, 1C-2D, Mindanao

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

NDI 10 12:17:33.5, 2.6, 30.63N-71.82E, h10km, MD3.6, ML3.3

NCC 10 12:17:44.2, 48.0, 34.92N-73.10E, mpv3.4, Error ellipse: s-maj=2043.0km s-min=438.8km az=76.0

ISC 10 12:17:48.0, 0.9, 35.6N-0.1, 75.0E, 0.3, h33km, n5, c1980/9, 1C-1D, Northwestwestern Kashmir

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

CASC 10 12:41:08.4, 1.7, 13.20N-90.34W, h20km, gkm, MD3.9, 4C-4D, Near coast of Guatemala

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

NEIC 10 13:06:26.3, 16.67N-94.33W, h122km, MD3.9(MEX), After MEX.

MEX 10 13:06:26.3, 1.3, 16.67N-94.33W, h122km, 18km, MD3.9, Oaxaca

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

BUI 10 13:06:48.1, 49.00S-123.50E, h10km, mb5.3, mb4.8, Ms5.0, Ms24.8

IDC 10 13:06:48.4, 0.8, 49.05S-123.61E, mb4.3/9, mb1.4/5/10, mb1mx4.4/13, mbtmp4.4/10, ML2.5/1, MS4.1/8, Ms1.4/0/8, ms1mx4.0/9, Error ellipse: s-maj=38.5km s-min=17.2km az=113.0

NEIC 10 13:06:49.9, 0.3, 49.03S-123.49E, h10km, mb4.8/17, Error ellipse: s-maj=13.4km s-min=7.0km az=97.0

ISC 10 13:06:47.8, 5.9, 49.02S-0.06, 123.6E, 0.2, h7km, 36km, h21km, 4, 8km, comp-P, n72, c095/5, mb4.7/25, MS4.1/8, 14C-3D, Western Indian-Antarctic Ridge

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

ISK 10 13:17:43.2, 38.20N-26.57E, h16km, MD3.3
ATH 10 13:17:43.7, 38.16N-26.52E, h27km, MD3.4/A
NEIC 10 13:17:43.3, 38.12N-26.83E, h54km, MD3.4(A/TH),
MD3.3(ISK), After ATH
CSEM 10 13:17:43.0, 38.20N-26.58E, h12km, 1km, MD3.4,
Error ellipse: s-maj=2.6km s-min=1.8km az=81.0
ISC 10 13:17:43.6, 0.7, 38.21N, 0.03-26.54E, 0.04, h13km, 5km,
n25, c093/37, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IZMIR, SAMOS, BORNNOVA, AKSHIKAR, etc.

ROM 10 13:26:28.0, 0.1, 44.17N-12.24E, h22km, 2km, MD2.9/20,
ML2.6/13, Error ellipse: s-maj=1.9km s-min=1.4km
az=175.0
NEIC 10 13:26:28.0, 44.17N-12.24E, h22km, ML3.0(LD),
ML2.6(ROM), After ROM
LDG 10 13:26:30.1, 0.2, 44.15N-12.32E, h10km, MI3.0/11, Error
ellipse: s-maj=5.6km s-min=3.8km az=55.0
CSEM 10 13:26:30.1, 44.11N-12.41E, h40km, ML3.0/11, Error
ellipse: s-maj=1.5km s-min=1.3km az=150.0
ISC 10 13:26:29.1, 0.3, 44.19N, 0.02-12.25E, 0.02, h22km, 4km,
n88, c1817/125, 1C-6D, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARISANO, REPUBBLICA DI, SANTA SOFIA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POGGIO SODO, VICCHIO, CAPRESE MICHEL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FONTANA VIDOLA, ARCEVIA, MONTE URBINO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CASTELLINA CHI, MONTE PIZZETTO, ESANATOGGIA, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VILLACOLLEMAND, MONTE PIZZETTO, GERFALCO, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRIESTE, CASTEL TESINO, NOVALLA, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VISNJE, LJUBLJANA, MONTE ROTA, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SANKT QUIRIN, WALDERALM, WATA, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATAKAOA POINT, PUKETITI, UREWARA, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRZ, MATAKAOA R, SNZO, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PARUWHI FARM, PAWZ, MTW, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other technical details for various stations.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other technical details for various stations.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other technical details for various stations.

Table with columns: SRU, Name, Time, Res, P, and various codes. Includes stations like San Rafael, Newport, Paradox Valley, etc.

Table with columns: YRC, Name, Time, Res, P, and various codes. Includes stations like Pennameamawr, YLL, YLLC, etc.

Table with columns: VTS, Name, Time, Res, P, and various codes. Includes stations like Vitoshpa, Spaichingen, KBA, etc.

ATH 10 16:14:27.9, 38.18N-26.58E, h30km, MD3.3/3
ISK 10 16:14:28.7, 38.15N-26.72E, h23km, MD2.9
NEIC 10 16:14:28.0, 38.15N-26.72E, h23km, MD3.3(A/H), MD2.9(ISK), After ISK.
CSEM 10 16:14:28.1±0.1, 38.15N±26.69E, h20km, MD2.9, Error ellipse: s-maj=1.8km s-min=1.1km az=100.
ISC 10 16:14:29.7±0.8, 38.15N±26.00E±0.04, h26.72E±0.09, h30km±8km, ±15, ±067/18, 3C-1D, Aegean Sea.

Table with columns: Code, Station Name, Time, Res, P, and various codes. Includes stations like SAMOS, IZMIR, AKSARAY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELSON Array, SANAE, Neumayer Olym, etc.

CASC 10 16:17:20.1±1.4, 12.14N:87.64W, h22km±5km, MD4.0, mb4.1(NEIC)
NEIC 10 16:17:20.8±2.3, 12.19N:87.57W, h56km±23km, mb4.1/6, Error ellipse: s-maj=32.0km s-min=10.9km az=55.0

ISC 10 16:17:19.6±1.0, 12.15N:0.06:87.68W±0.09, h61km±10km, n41.0±81/46, mb4.1/10, 2C-7D, Near coast of Nicaragua

Main table of station data for the first section, including codes like LEON, CRIN, TEL3, etc., and their respective coordinates and phases.

KRSC 10 16:23:19.9±1.2, 49.66N:156.25E, ML4.1, Kuril Islands

Table of station data for the Kuril Islands region, including codes like SKR, ALID, PAU, etc.

PRU 10 16:55:12.3, 42.67N:17.60E, M4.1
IDC 10 16:55:12.8±2.7, 42.81N:17.91E, mb3.5/2, mb1.3/7.6, mb1mx3.6/21, mbmp3.5/6, ML3.7/3, Error ellipse: s-maj=40.8km s-min=13.7km az=29.0

LDG 10 16:55:13.9±0.1, 42.79N:17.95E, h10km, ML3.8/4, Error ellipse: s-maj=3.9km s-min=2.9km az=30.0

PDG 10 16:55:13.6±0.6, 42.61N:17.82E, h30km±2km
CSEM 10 16:55:13.0±0.4, 42.87N:17.89E, h2km, ML4.1/2, Error ellipse: s-maj=1.2km s-min=1.1km az=8.0

NEIC 10 16:55:13.6, 42.81N:17.82E, h3km, mb4.1/1, ML3.5(PDG), ML3.3(ROM), ATDPDG.
MOS 10 16:55:13.0±1.2, 42.82N:17.74E, h10km, mb4.0/1, Error ellipse: s-maj=5.6km s-min=4.8km az=100.9

ROM 10 16:55:15.3±0.4, 42.60N:17.83E, h12km, ML3.3/18, Error ellipse: s-maj=6.2km s-min=4.1km az=133.0
ISC 10 16:55:13.5±0.2, 42.83N:0.01±17.81E±0.02, h3km, m160, n135/206, mb3.5/2, 28C-13D, Adriatic Sea

Table of station data for the second section, including codes like STON, BRY, HCY, etc.

Table of station data for the third section, including codes like TIG, PLE, ULC, etc.

Table of station data for the fourth section, including codes like BCI, BCI, BCI, etc.

Table of station data for the fifth section, including codes like AMUR, AMUR, TIR, etc.

Table of station data for the sixth section, including codes like GR2, GR2, GR2, etc.

Table of station data for the seventh section, including codes like TRIV, MRLC, BSSO, etc.

Table of station data for the eighth section, including codes like MCRV, CSSN, SVIS, etc.

Table of station data for the ninth section, including codes like BARS, VEGA, RHK, etc.

Table of station data for the tenth section, including codes like CMPP, FAGN, MGR, etc.

Table of station data for the eleventh section, including codes like BOUS, BOUS, VVLD, etc.

Table of station data for the twelfth section, including codes like PKSM, ISOR, NRCA, etc.

Table of station data for the thirteenth section, including codes like LNNS, LNJ, LNJ, etc.

Table of station data for the fourteenth section, including codes like TOL, SFI, PLAC, etc.

Table of station data for the fifteenth section, including codes like STON, STON, BRY, etc.

Table of station data for the sixteenth section, including codes like PSZ, PSZ, PSZ, etc.

Table of station data for the seventeenth section, including codes like ZST, PVL, MOA, etc.

Table of station data for the eighteenth section, including codes like WTAA, WTAA, WTAA, etc.

Table of station data for the nineteenth section, including codes like KHC, KHC, KHC, etc.

Table of station data for the twentieth section, including codes like TIRR, TIRR, TIRR, etc.

Table of station data for the twenty-first section, including codes like ORIF, ORIF, ORIF, etc.

Table of station data for the twenty-second section, including codes like KONO, KONO, KONO, etc.

Table of station data for the twenty-third section, including codes like FINE, FINE, FINE, etc.

Table of station data for the twenty-fourth section, including codes like URLA, URLA, URLA, etc.

Table of station data for the twenty-fifth section, including codes like APE, APE, APE, etc.

Table of station data for the twenty-sixth section, including codes like MAN, MAN, MAN, etc.

Table of station data for the twenty-seventh section, including codes like LUBP, LUBP, LUBP, etc.

Table of station data for the twenty-eighth section, including codes like BOAC, BOAC, BOAC, etc.

10d 19h

Table with columns: ORL, eSn, Sg, 19 07 03.7, -7.3, eSg, Sg, 19 07 38.0, -18, Smax, comp=N,4.0nm,0.5s, ORL, comp=N,38nm,1.4s, ORL, Orlik, 6.92 247, ePn, Pn, 19 05 48.2, -2.4, e, 19 06 09.9, eS, Sn, 19 07 03.7, -7.3, e, 19 07 37.8, pmax, pmax, comp=Z,5.0nm,0.5s, ORL, comp=N,24nm,1.1s, TDJR, TDJR, 8.96 254, ePn, P, 19 06 15.9, -3.3, eSg, Sg, 19 08 42.2, -2.2

BJI 10 19:21:11.2, 57.50N; 120.70E, h5km, mB4.6, mb3.9, ML4.5 MOS 10 19:21:13.1, 1.4, 57.53N; 120.69E, h15km, mb4.4/8, Error ellipse: s-maj=11.3km s-min=8.8km az=86.9

NEIC 10 19:21:13.8, 0.7, 57.49N; 120.66E, h5km, mb4.2/9, Error ellipse: s-maj=17.3km s-min=11.3km az=135.0 IDC 10 19:21:13.2, 1.0, 57.42N; 120.73E, mb3.9/1.1, mb1 4.1/12, mb1mx3.9/22, mbimp3.9/12, ML3.3/1.1, Error ellipse: s-maj=24.2km s-min=19.8km az=166.0

BYKL 10 19:21:14.1, 0.3, 57.40N; 120.80E, h5km, 16km, MS3.3 ISC 10 19:21:11.7, 0.3, 57.42N; 120.78E, 0.04, h5km, n92, a1511/95, mb4.2/24, 4C, Southeastern Siberia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, Time Res, ISC, h m s, ISC, CRS, Chara, 1.46 250, P, P, 19 21 40.0, -0.7, 551nm, 1.1s, eSg, Smax, Sg, 19 21 58.5, -1.9, 2um, 1.1s, e, Pn, 19 21 40.4, +1.5, 1.46 250, eP, Pn, 19 21 58.7, pmax, pmax, comp=Z,467nm,0.9s, CRS, comp=N,2um,1.1s, smax, NRG, Nerungr, 2.29 108, eP, Pn, 19 21 54.0, +3.3, eS, Sn, 19 22 23.0, +3.4, smax, NRG, NRG, comp=N,1.0nm,0.4s, CLNS, Chul'man, 2.32 103, ePn, Pn, 19 21 54.2, +3.0, eP, Pn, 19 21 56.3, -1.7, Pmax, Pmax, 19 22 07.5, CLNS, comp=N,1um,0.6s, e, 19 22 24.1, CLNS, Chul'man, 2.32 103, eP, Pn, 19 21 54.3, +3.1, eS, Sn, 19 22 17.0, -3.4, pmax, pmax, 19 21 58.7, CLNS, comp=N,45nm,0.5s, pmax, pmax, comp=Z,124nm,0.5s, CLNS, comp=E,9.0nm,0.3s, pmax, pmax, comp=Z,23nm,0.2s, pmax, pmax, comp=N,30nm,0.4s, pmax, pmax, comp=E,19nm,0.3s, pmax, pmax, comp=N,105nm,0.4s, smax, comp=Z,10.0nm,0.2s, smax, comp=E,83nm,0.6s, smax, comp=N,2um,0.6s, smax, comp=E,2um,0.7s, smax, comp=Z,971nm,0.7s, MLR, MLR, comp=Z,200nm,11.0s, ALDR, Aldan, 2.74 62, ePn, Pn, 19 21 59.4, +2.3, eP, Pn, 19 22 02.3, -4.1, e, 19 22 07.9, ALDR, comp=Z,709nm,0.5s, eSn, Sn, 19 22 30.7, -0.3, eSg, Sg, 19 22 38.4, -4.5, eSg, Smax, 19 22 38.8, ALDR, comp=Z,21um,0.6s, eLR, LR, 19 29 05.2, NLYR, Nelyaty, 2.93 254, ePn, LR, 19 22 01.9, +2.0, ePn, Pn, 19 22 06.3, -3.9, eP, Pn, 19 22 09.1, NLYR, NLYR, comp=Z,381nm,0.8s, eSn, Sn, 19 22 36.3, +0.4, eSg, Sg, 19 22 42.9, -6.4, eSg, Smax, 19 22 48.3, NLYR, NLYR, comp=Z,2um,1.2s, NLYR, Nelyaty, 2.93 254, eP, Pn, 19 22 01.8, +1.9, ePn, Pn, 19 22 02.0, +0.6, eP, Pn, 19 22 07.0, -5.4, Pmax, Pmax, 19 22 09.9, TUP, TUP, eSg, Sg, 19 22 46.1, -6.8, TUP, TUP, comp=Z,2um,1.2s, 19 22 54.1, TUP, TUP, eLR, LR, 19 23 05.6, TUP, TUP, comp=Z,609nm,3.4s, 3.04 189, eP, Pn, 19 22 01.9, +0.5, eS, Sn, 19 22 37.5, -1.1, pmax, pmax, 19 23 10.6, TUP, TUP, comp=Z,398nm,0.5s, smax, TUP, comp=E,1um,0.8s, TND, Tynda, 3.17 134, ePn, Pn, 19 22 04.5, +1.3, e, 19 22 14.3, TND, TND, 19 22 15.5, comp=E,1um,0.6s, TND, TND, eSn, Sn, 19 22 42.8, +0.9, eSg, Sg, 19 22 51.5, -5.7, eSg, Smax, 19 22 58.7, comp=E,11um,0.6s, BOD, Bodaibo, 3.66 279, ePn, Pn, 19 22 11.4, +1.1, eP, Pn, 19 22 20.6, -4.3, Pmax, Pmax, 19 22 23.6, BOD, BOD, comp=E,75nm,0.6s, eSg, Sg, 19 23 06.7, -7.0, eSg, Smax, 19 23 11.4, BOD, BOD, comp=E,789nm,0.8s, eLR, LR, 19 23 28.2, BOD, Bodaibo, 3.66 279, eP, Pn, 19 22 11.2, +0.9, eP, Pn, 19 22 19.0, +1.4, 19 22 30.7, SVKR, SVKR, comp=Z,133nm,0.6s, eSg, Sx, 19 23 23.1, SVKR, SVKR, comp=Z,967nm,1.2s, 19 23 29.2, SVKR, SVKR, eP, Px, 19 22 30.7, SVKR, SVKR, eP, Px, 19 22 30.7, UKT, UKT, comp=Z,121nm,0.6s, 4.41 247, ePn, Pn, 19 22 22.2, +1.3, eP, Pn, 19 22 37.2, UKT, UKT, comp=Z,631nm,0.6s, eSg, Sx, 19 23 29.0, UKT, UKT, comp=Z,2um,0.8s, 19 23 35.8, UKT, UKT, 4.41 247, eP, Px, 19 22 32.5, UKT, UKT, comp=Z,56nm,0.6s, 5.14 259, e, Pn, 19 22 36.4, +5.1, eP, Pn, 19 22 55.1, YOA, YOA, comp=Z,271nm,1.3s, eSn, Sn, 19 23 29.0, -2.8

2005 NOV

Table with columns: YOA, eSg, Sx, 19 23 53.7, YOA, comp=Z,3um,1.6s, 5.14 259, P, P, 19 22 50.0, Uoyan, Pmax, Px, 19 22 50.0, KMO, Kumora, 5.50 258, eP, Px, 19 22 53.3, KMO, comp=Z,29nm,0.5s, 19 23 01.9, KMO, KMO, eSg, Sx, 19 24 03.5, KMO, KMO, 5.50 258, eP, Pn, 19 24 13.4, eS, Pn, 19 22 36.8, +0.5, KMO, KMO, pmax, Sn, 19 23 38.9, -2.0, KMO, comp=Z,30nm,1.0s, smax, YLYR, YLYR, 5.95 249, ePn, Pn, 19 22 43.8, +1.2, YLYR, YLYR, eP, Pn, 19 23 00.3, YLYR, YLYR, Pmax, Px, 19 23 09.5, YLYR, YLYR, eSg, Sx, 19 24 17.7, YLYR, YLYR, 5.95 249, eP, Pn, 19 22 43.9, +1.3, YLYR, YLYR, eP, Pn, 19 22 52.3, +3.0, NIZ, NIZ, 6.42 260, eP, Px, 19 23 10.9, NIZ, NIZ, eP, Px, 19 23 16.2, NIZ, NIZ, comp=N,31nm,1.5s, eSg, Sx, 19 24 32.8, NIZ, NIZ, Pmax, Sx, 19 24 37.2, YAK, Yakutsk, 6.45 41, ePn, Pn, 19 22 49.8, +0.1, YAK, YAK, Pmax, Px, 19 23 12.4, YAK, YAK, eSn, Sn, 19 24 00.5, -4.1, YAK, YAK, eSg, Sx, 19 24 32.1, YAK, YAK, 6.45 41, ePn, Pn, 19 24 35.2, YAK, YAK, Pmax, Pn, 19 22 49.0, -0.8, YAK, YAK, eP, Pn, 19 22 49.0, -0.7, CIT, Chita, 6.84 221, ePn, Pn, 19 22 54.0, -1.2, CIT, CIT, Pmax, Px, 19 23 15.8, CIT, CIT, e, Sx, 19 23 17.5, CIT, CIT, eSg, Sx, 19 24 28.4, CIT, CIT, 6.84 221, eP, Pn, 19 24 43.7, CIT, CIT, eSg, Smax, 19 24 54.6, CIT, CIT, comp=Z,50nm,1.4s, 6.84 221, eP, Pn, 19 22 53.9, -1.3, SYVR, Suvo, 7.18 243, eP, Px, 19 23 23.0, SYVR, SYVR, Pmax, Px, 19 23 37.5, SYVR, SYVR, e, Sx, 19 24 34.6, SYVR, SYVR, eSg, Sx, 19 24 55.9, SYVR, SYVR, 19 25 03.8, HIA, Hailar, 8.19 185, ePn, P, 19 23 10.0, -4.1, OGR, Ongureny, 8.38 249, eP, Px, 19 23 46.6, OGR, OGR, Pmax, Px, 19 23 52.3, OGR, OGR, eSg, Sx, 19 25 33.8, OGR, OGR, 19 25 43.9, KPC, Khapcheranga, 9.20 216, eSn, Sx, 19 25 06.0, KPC, KPC, eSg, Sx, 19 25 56.4, TRG, Tyrgan, 9.49 247, eSg, Sx, 19 26 09.2, KAB, Kabansk, 9.77 243, e, Px, 19 24 31.8, KAB, KAB, eSg, Sx, 19 26 18.0, KAB, KAB, 19 26 48.6, KLR, Kul'dur, 10.49 137, eP, P, 19 23 48.0, +2.2, LSTR, Listvyanka, 10.77 246, eSg, Sx, 19 24 47.3, LSTR, LSTR, 19 26 55.7, IRK, Irkutsk, 10.83 248, eSg, Sx, 19 26 49.4, IRK, IRK, 19 27 05.4, TLY, Talaya, 11.47 247, eSg, Sx, 19 27 10.4, TLY, TLY, 19 27 21.4, ARS, Arshan, 11.95 250, eSg, Sx, 19 27 24.2, ARS, ARS, 19 27 47.2, BTGS, Batagay, 12.05 26, eSg, Sx, 19 27 27.4, BTGS, BTGS, 19 27 47.2, ZAK, Zakamensk, 12.47 243, eSg, Sx, 19 27 41.2, ZAK, ZAK, 19 27 52.1, MOY, Mondy, 12.82 252, e, Px, 19 27 16.5, MOY, MOY, eSg, Sx, 19 27 49.8, MOY, MOY, 19 28 26.7, SOM, Songino Array, 12.95 228, Pn, P, 19 24 19.8, +0.8, ORL, Orlik, 12.97 257, eSg, Sx, 19 27 56.3, ORL, ORL, 19 28 21.7, Ust'-Nera, 12.98 47, eSg, Sx, 19 27 55.0, TIK, Tiksi, 14.68 10, eP, Pmax, 19 24 35.0, -6.5, TIK, TIK, comp=Z,21nm,0.8s, MLR, MLR, TIK, TIK, comp=Z,180nm,14.0s, MLR, MLR, HHC, Hu-ho-hao-te, 17.62 204, eP, P, 19 25 17.1, -2.2, HHC, HHC, 19 25 52.3, +0.1, ZAL, Zalesovo, 20.43 276, P, P, 19 25 57.8, +0.7, NVS, Novosibirsk, 20.91 279, eP, Pmax, 19 25 57.8, +0.7, NVS, NVS, pmax, pmax, NVS, NVS, pmax, pmax, NVS, NVS, pmax, pmax, GTA, Gaotai, 22.60 226, eP, P, 19 26 19.8, +5.6, GTA, GTA, 19 26 25.1, KUR, Kurchatov, 25.29 273, eP, P, 19 26 39.4, -0.8, KUR, KUR, 19 26 39.4, -0.7, MKAR, Makanchi Array, 25.57 262, P, P, 19 26 44.3, +1.5, BVAR, Borovoye Array, 28.53 283, P, P, 19 27 08.9, -0.9, AAK, Ala-Archa, 32.49 263, eP, P, 19 27 41.3, -3.7, AAK, AAK, 19 27 41.3, -3.7, APA, Apatity, 38.18 322, P, Pmax, 19 28 41.5, +8.2, KKN, Kakani, 38.71 235, eP, P, 19 28 39.2, +1.0, KKN, KKN, 19 28 39.2, +1.0, GKN, Gorkha, 38.82 236, eP, P, 19 28 40.9, +1.8, DMN, Daman, 38.95 235, eP, P, 19 28 39.8, -0.3, KOLN, Koldanda, 39.49 237, eP, P, 19 28 46.7, +2.1, ARCES, ARCES Array B, 39.67 327, P, P, 19 28 45.3, -0.4, ILAR, Eielson Array, 41.38 40, P, P, 19 29 01.4, +1.6, JOF, Joensuu, 41.41 316, eP, P, 19 29 59.9, -0.2, KAF, Kangasniemi, 43.75 317, eP, P, 19 28 55.3, -3.5, FINES, FINESS Array B, 44.26 317, P, P, 19 29 23.4, +0.3

216

Table with columns: FINES, FINESS Array B, 44.26 317, P, P, 19 29 23.4, +0.3, NOR, NOR SAR Subarra, 49.72 323, P, P, 19 30 05.6, -0.5, NOA, comp=Z,0.4nm,0.7s,mb3.8,baz=39,slow=6.5, P, P, 19 30 06.3, +0.1, AKH, Akhalkalaki, 49.93 286, P, P, 19 29 48.9, -1.9, NAO, NOR SAR Subarra, 50.01 323, P, P, 19 29 05.6, -2.7, GNI, Garmi, 50.19 284, P, P, 19 30 08.1, -1.9, GNI, Garmi, 50.19 284, P, P, 19 30 08.1, -1.9, AKASG, Malin Array Be, 50.23 304, P, P, 19 30 09.5, -0.6, AKASG, Malin Array Be, 50.23 304, P, P, 19 30 09.5, -0.6, MORC, Moravsky Berou, 55.94 310, P, P, 19 30 48.6, -4.0, MORC, Moravsky Berou, 55.94 310, P, P, 19 30 48.7, -3.9, DPC, Dobruska Polom, 56.00 312, eP, P, 19 30 53.0, 0.0, CLL, Collm, 56.56 314, P, P, 19 30 55.0, -2.0, PRU, Pruhonice, 57.00 312, eP, P, 19 31 02.6, +2.4, KHC, Kasperove Hory, 58.06 312, eP, P, 19 31 08.0, +0.4, GERES, GERESS Array B, 58.24 312, P, P, 19 31 08.9, +0.1, PALK, Palekka, 59.50 228, P, P, 19 31 11.0, -5.0, HLID, Hailey, 69.33 40, P, P, 19 31 23.0, +1.3, PDAR, Pinedale Array, 71.66 37, P, P, 19 32 36.6, +0.7, RSSD, Black Hills, 72.12 32, P, P, 19 32 35.3, -3.3, RSSD, Black Hills, 72.12 32, P, P, 19 32 35.3, -3.3, WRAB, Tennant Creek, 77.89 167, eP, P, 19 33 11.9, 0.0, WRAB, Tennant Creek, 77.89 167, eP, P, 19 33 11.9, 0.0, WRA, Warramunga Arr, 77.90 167, P, P, 19 33 11.9, 0.0

BJI 10 19:27:22.7, 57.71N; 121.00E, h5km, mB4.5, mb4.3, Ms4.7, Msz4.5 MOS 10 19:27:25.0, 0.9, 57.42N; 120.63E, h15km, mb4.8/36, Error ellipse: s-maj=9.8km s-min=5.6km az=111.7

IDC 10 19:27:25.4, 0.6, 57.42N; 120.62E, mb4.2/20, mb1 4.4/22, mb1mx4.4/26, mbimp4.2/22, ML3.6/2, Error ellipse: s-maj=15.0km s-min=13.1km az=16.0

NEIC 10 19:27:26.4, 0.2, 57.46N; 120.62E, h5km, mb4.8/50, Error ellipse: s-maj=4.8km s-min=3.9km az=199.0 ISC 10 19:27:28.3, 0.2, 57.40N; 120.63E, 0.05, h33km, n178, a0939/186, mb4.6/79, MS5.7/1, 4C-9D, Southeastern Siberia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, Time Res, ISC, h m s, ISC, NRG, Nerungr, 2.36 107, eP, S, 19 28 05.8, +0.4, NRG, NRG, eS, S, 19 28 33.0, -0.5, smax, CLNS, Chul'man, 2.39 102, eP, P, 19 28 06.1, +0.2, CLNS, CLNS, eS, S, 19 28 32.3, -2.0, pmax, pmax, comp=E,26nm,0.3s, CLNS, comp=Z,44nm,0.3s, pmax, pmax, CLNS, comp=N,49nm,0.4s, pmax, pmax, CLNS, comp=N,191nm,0.4s, smax, CLNS, comp=E,118nm,0.3s, smax, CLNS, comp=Z,46nm,0.3s, MLR, MLR, CLNS, comp=Z,600nm,11.0s, NLYR, Nelyaty, 2.85 253, eP, P, 19 28 14.0, +1.6, NLYR, NLYR, e, pmax, pmax, 19 28 52.5, NLYR, NLYR, comp=Z,2um,0.8s, smax, NLYR, NLYR, comp=N,7um,1.3s, 3.01 188, eP, S, 19 28 14.0, -0.7, TUP, TUP, eS, S, 19 28 49.6, -0.4, TUP, TUP, pmax, pmax, comp=Z,1um,0.6s, TUP, TUP, smax, BOD, Bodaibo, 3.59 279, eP, P, 19 28 23.4, +0.4, BOD, BOD, eP, Pmax, 19 28 44.4, +1.1, UKT, UKT, comp=Z,178nm,0.7s, 4.33 247, eP, Pmax, 19 28 44.4, +1.1, YOA, Uoyan, 5.06 259, P, Pmax, 19 29 01.8, +1.8, YOA, YOA, comp=Z,895nm,1.3s, KMO, Kumora, 5.42 258, eP, S, 19 28 49.8, +0.9, KMO, KMO, pmax, Pmax, 19 29 51.0, 0.0, comp=Z,75nm,0.7s, KMO, comp=N,3um,1.2s, 5.87 248, eP, Pmax, 19 28 57.4, +2.3, YLYR, YLYR, comp=Z,123nm,0.7s, 6.52 41, ePn, Pn, 19 28 58.6, -5.9, YAK, Yakutsk, 6.52 41, eP, S, 19 29 01.6, -2.7, YAK, YAK, eS, S, 19 30 12.2, -6.1, pmax, pmax, comp=N,6.0nm,0.9s, YAK, comp=Z,8.0nm,0.9s, pmax, pmax, YAK, comp=E,4.0nm,1.0s, pmax, pmax, YAK, comp=N,82nm,1.1s, smax, YAK, comp=E,72nm,1.1s, smax, YAK, comp=Z,51nm,1.0s, MLR, MLR, comp=Z,495nm,7.0s, CIT, Chita, 6.77 220, eP, S, 19 28 06.2, -1.7, CIT, CIT, pmax, pmax, 19 30 22.2, -2.5, comp=Z,220nm,1.2s, CIT, CIT, smax, HIA, Hailar, 8.17 184, ePn, P, 19 29 22.1, -5.2, KLR, Kul'dur, 10.53 186, eP, P, 19 29 58.1, -1.8, SOM, Songino Array, 12.88 228, P, P, 19 30 30.6, -1.0, SOM, SOM, comp=N,0.3nm,0.3s,baz=35,slow=14,SNR=6.1, 19 30 49.7, -5.6, TIK, Tiksi, 14.71 10, P, Pmax, 19 30 49.7, -5.6, TIK, TIK, comp=Z,20nm,0.6s, 17.57 203, eP, P, 19 31 35.5, +3.6, HHC, Hu-ho-hao-te, 17.57 203, eP, P, 19 31 39.3, HHC, HHC, AP, XP, 19 31 42.9, HHC, HHC, PP, PP, 19 31 51.3, +4.8, HHC, HHC, S, S, 19 34 52.3, +8.0, HHC, HHC, XS, XS, 19 34 58.3, comp=Z,180nm,8.4s, HHC, comp=N,970nm,9.6s, LR, LR, HHC, comp=E,1um,9.6s, LR, LR, HHC, comp=Z,1um,10.8s, 19 31 51.4, +0.6, ASAJ, Asahikawa, 17.11 125, P, P, 19 31 51.4, +0.6, INCN, Incheon, 20.32 166, P, P, 19 32 05.8, +1.8, ZAL, Zalesovo, 20.35 276, P, P, 19 32 03.8, -0.3

RHK1	Bakonya	58.45 307j	eP	P	19 39 50.8	0.0	KWAJ	comp=Z,709nm,19.0s,MS4.8	LR	LR	CRE	Caprese Michel	63.03 309	P	P	19 40 22.0	+0.4	
SVIS	Svilajnac	58.47 304j	iP	P	19 39 50.4	-0.6	TRI	Trieste	60.58 310	P	P	CRE						
PGB	Panagyurishte	58.49 310	iP	P	19 39 51.0	-0.1	TRI	Trieste	comp=Z,705nm,1.0s,mb5.8	P	P	EMV	Vieux Emosson	63.05 314	P	P	19 40 22.0	-0.1
BOLS	Boljevac	58.50 303j	iP	P	19 39 49.3	-1.9	TRI	Trieste	60.58 310	P	P	RGNC	Rignone	63.06 306	P	P	19 40 21.6	-0.6
KDZ	Kurdzhal	58.59 299	iP	P	19 39 52.0	+0.1	TRI	Trieste	comp=Z,705nm,1.0s,mb5.8	P	P	MURB	Monte Urbino	63.08 309	P	P	19 40 22.8	+0.4
ARSA	Arzberg	58.61 310	iP	P	19 39 52.5	+0.4	QURS	Qurayyat al	60.06 283	P	P	AQBj	Aqaba	63.11 284	P	P	19 40 22.6	-0.2
	comp=Z,39nm,0.9s,mb5.7,SNR=41						BFO	Black Forest	60.62 315	eP	P	BOB	Bobbio (Coli)	63.11 312	P	P	19 40 22.7	+0.1
ARSA	Arzberg	58.61 310	iP	P	19 39 52.4	+0.4	BFO	Black Forest	comp=Z,155nm,1.3s,mb5.0	eP	P	BOB	Bobbio (Coli)	63.11 312	P	P	19 40 22.7	+0.1
GDZ	Gediz	58.61 294	iP	P	19 39 48.1	-4.0	BFO	Black Forest	60.62 315	eP	P	MBH	Mount Berech	63.13 284	P	P	19 40 22.7	-0.2
MOA	Molin	58.66 311	iP	P	19 39 52.4	+0.1	BFO	Black Forest	60.62 315	eP	P	NICA	Norcia	63.18 308	P	P	19 40 23.2	+0.1
	comp=Z,144nm,1.5s,mb5.8,SNR=48						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	63.18 317j	iP	P	19 40 21.6	-1.4
MOA	Molln	58.66 311	iP	P	19 39 52.3	0.0	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 53.1	+0.4	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 52.4	-0.4	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,97nm,0.8s,mb5.9						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 52.4	-0.4	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,21nm,21.0s,MS5.2						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 52.4	-0.3	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,65nm,0.7s,mb5.8						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 52.4	-0.3	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,21nm,21.0s,MS5.2						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ESK	Eskdalemuir	58.73 326	eP	P	19 39 52.4	-0.3	BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,65nm,0.7s,mb5.8						BFO	Black Forest	60.62 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
LWH	Whinn Nab	58.78 324	eP	P	19 39 52.8	-0.3	STR	Strasbourg	60.63 315	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ERMK	Ermenek	58.79 290	iP	P	19 39 52.3	-1.1	NKY	Niksic	60.63 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ECK	Eckaldauke Hill	58.83 326	eP	P	19 39 53.7	+0.3	SPAK	Spaichingen	60.63 314	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ECK	Eckaldauke Hill	58.83 326	eP	P	19 39 53.7	+0.3	SPAK	Spaichingen	60.63 314	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,120nm,1.3s,mb5.8						WPMI	Penmaenmawr	60.71 325	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PALK	Pallek	58.84 228	eP	P	19 39 53.1	-0.9	HAF	Haifa	60.72 286	P	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,131nm,1.8s,mb5.7						BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
HASS	Wahat al Ahsa'	58.88 269	P	P	19 39 53.1	-1.0	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ALN	Alexandroupoli	58.88 298	eP	P	19 39 53.7	-0.2	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
VTS	Vitosha	58.89 301	iP	P	19 39 53.5	-0.5	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
KGS	Kog	58.95 309	P	P	19 39 54.6	+0.3	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TKCT	Tekketepa	59.01 293	iP	P	19 39 52.8	-2.1	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
GRUS	Gruza	59.01 304	iP	P	19 39 54.1	-0.8	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TNS	Taunus Mts	59.03 316	eP	P	19 39 54.8	-0.1	BAIF	Baibes	60.72 319j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,67nm,1.1s,mb5.6						BRV	Bratogost	60.77 305j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TNS	Taunus Mts	59.03 316	eP	P	19 39 54.8	-0.1	WMLI	Wmluk	60.77 305j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,67nm,1.1s,mb5.6						WCBT	Church Bay	60.80 326	eP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
ISP	Isparita	59.07 293	P	P	19 39 55.6	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
DIVS	Divcibare	59.17 309j	iP	P	19 39 55.2	-0.8	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
GROB	Grobnik	59.19 307j	iP	P	19 39 56.3	+0.1	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PERS	Pernice	59.27 309	eP	P	19 39 56.9	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PERS	Pernice	59.27 309	eP	P	19 39 56.9	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PERS	Pernice	59.27 309	eP	P	19 39 56.9	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PERS	Pernice	59.27 309	eP	P	19 39 56.9	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
PERS	Pernice	59.27 309	eP	P	19 39 56.9	+0.3	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TRD	Trivandrum	59.28 232	eP	P	19 51 59.2	+0.2	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TRD	Trivandrum	59.28 232	eP	P	19 51 59.2	+0.2	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
	comp=Z,47nm,1.7s,mb5.6						WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
SIND	Sindelford	59.30 315	eP	P	19 39 56.3	-0.5	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
SIND	Sindelford	59.30 315	eP	P	19 39 56.3	-0.5	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
EAR5	Earis	59.30 316	iP	P	19 39 56.3	-0.5	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TOD	Tromm	59.40 315j	iP	P	19 39 57.0	-0.4	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TOD	Tromm	59.40 315j	iP	P	19 39 57.0	-0.4	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
TOD	Tromm	59.40 315j	iP	P	19 39 57.0	-0.4	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
GMK	Mull of Kintyre	59.41 328	eP	P	19 39 56.9	-0.5	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
MMB	Musomiste	59.43 300	P	P	19 39 57.0	-0.4	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL	Bhanes	59.51 286	eP	P	19 39 57.4	-1.0	WTF	Podgorica	60.82 304j	iP	P	LOR	Lornes	comp=Z,104nm,0.7s,mb5.8	eR			
BHL																		

10d 20h

194nm,0.8s UNR Ust-Nera 13.04 47 eSg Sx 19 53 31.6

IDC 10 19:47:46.3:1.2,57.37N:120.72E,mb3.9/7,mb1 4.1/7, mb1mx3.8/20,mbtmp3.9/7, Error ellipse: s-maj=30.3km s-min=28.9km az=47.0 MOS 10 19:47:47.0:1.3,57.64N:120.58E,h15km,mb4.4/1, Error ellipse: s-maj=28.9km s-min=15.0km az=92.9 BYKL 10 19:47:47.0:0.4,57.44N:120.72E NEIC 10 19:47:47.0:0.8,57.45N:120.66E,h5km,mb4.2/1, Error ellipse: s-maj=19.7km s-min=18.4km az=57.0 ISC 10 19:47:44.8:0.5,57.23N:120.77E,0.06,h10km,n36, c1507/32,mb3.9/8,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Chara, Chul'man, Aldan, Tupik, Nelyaty, Tynda, Bodaibo, Severomuysk, Uakit, Uoyan, Kumora, Ulyunkhan, Nizh Angarsk, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

IDC 10 19:50:33.8:1.1,57.29N:120.57E,mb3.9/8,mb1 4.1/8, mb1mx3.8/20,mbtmp3.9/8, Error ellipse: s-maj=29.1km s-min=26.3km az=8.0 BYKL 10 19:50:34.5:0.3,57.40N:120.67E MOS 10 19:50:36.0:0.2,57.49N:120.31E,h15km,mb4.1/6, Error ellipse: s-maj=41.9km s-min=24.3km az=97.9 ISC 10 19:50:35.6:0.4,57.42N:120.66E,0.04,h10km,n30, c1529/39,mb3.7/8,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Chara, Chul'man, Nelyaty, Tupik, Uoyan, Kumora, Ulyunkhan, Nizh Angarsk, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

2005 NOV

Table with columns: CLNS, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Aldan, Nelyaty, Tupik, Tynda, Bodaibo, Severomuysk, Uakit, Uoyan, Kumora, Ulyunkhan, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

UNR Ust-Nera 13.03 47 eSg Sx 19 57 16.1 14.69 10 eP P 19 54 04.3 -0.7

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Makanchi Array, ARCES Array B, ARCES Array B, ILAR Elelson Array, FINESS Array B, FINESS Array B, FINESS Array B, NOA NORSAR Array B, NOA NORSAR Array B, GERES Array B, GERES Array B, PDAR Pinedale Array, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

MOS 10 20:04:23.0:2.3,57.30N:120.50E,h21km,mb4.3/1, Error ellipse: s-maj=32.0km s-min=22.5km az=53.3 BYKL 10 20:04:19.9:0.4,57.36N:120.71E,1D,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Chara, Chul'man, Nelyaty, Tupik, Uoyan, Kumora, Ulyunkhan, Nizh Angarsk, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

224

Table with columns: CLNS, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Chul'man, Aldan, Nelyaty, Tupik, Tynda, Bodaibo, Severomuysk, Uakit, Uoyan, Kumora, Ulyunkhan, Nizh Angarsk, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

UNR Ust-Nera 13.04 47 eSg S 20 05 31.8 -6.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include Chul'man, Aldan, Nelyaty, Tupik, Tynda, Bodaibo, Severomuysk, Uakit, Uoyan, Kumora, Ulyunkhan, Nizh Angarsk, Yakutsk, Suvo, Khpacheranga, Elelson Array, Joensuu, Kangasniemi, FINESS Array B, NORSAR Subarra, NORSAR Array B, NORSAR Subarra, Kasperke Hory, GERES Array B, Warramunga Arr, KMB0 Kiliama Mbogo.

NEIC 10 20:04:54.6,45.55S:167.23E,h5km,ML3.9(WEL),After WEL WEL 10 20:04:51.9:0.8,45.65S:166.99E,h5km,ML4.1/10, Error ellipse: s-maj=6.7km s-min=2.8km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include DCZ Deep Cove, DCZ Deep Cove, WHZ Wether Hill Ro, WHZ Wether Hill Ro, MLZ Mavora Lakes, MLZ Mavora Lakes, MSZ Milford Sound, MSZ Milford Sound.

10d 21h

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
ALDR	Smax								
NLYR	comp=Z,3um,0.3s								
NLYR	Nelyaty	2.89	254	ePn	Pn	20 24 28.2	-0.8		
NLYR	NLYR			l/Pg	Pg	20 24 33.9	-5.3		
NLYR	NLYR			/Sg	Sg	20 25 09.4	-8.3		
NLYR	comp=Z,118nm,0.3s			Smax					
NLYR	Nelyaty	2.89	254	eP	Pn	20 24 33.2	+4.2		
NLYR	NLYR			e	pmax	20 25 09.2			
NLYR	comp=Z,118nm,0.3s			Smax					
TUP	comp=N,474nm,1.1s			Smax					
TUP	Tupik	3.01	188	ePn	Pn	20 24 30.3	-0.4		
TUP	TUP			ePg	Pg	20 24 34.7	-0.0		
TUP	TUP			eSg	Sg	20 25 13.3	-8.5		
TUP	TUP			eL	Smax	20 25 30.8			
TUP	comp=N,110nm,0.6s			Smax					
TUP	comp=N,483nm,0.9s			Smax					
TUP	Tupik	3.01	188	eP	Pn	20 24 30.5	-0.2		
TUP	TUP			e	pmax	20 25 04.7			
TUP	comp=Z,107nm,0.4s			Smax					
TUP	comp=E,359nm,0.7s			Smax					
TNDR	Tynda	3.18	134	ePn	Pn	20 24 33.2	+0.1		
TNDR	TNDR			eSn	Sn	20 25 10.7	-1.0		
TNDR	TNDR			eSg	Sg	20 25 20.1	-7.2		
TNDR	TNDR			eSgSg	max	20 25 23.3			
TNDR	comp=E,110nm,0.4s			Smax					
SVKR	comp=E,1um,0.3s			Smax					
SVKR	Severomuyksk	4.14	255	eSg	Sg	20 25 50.2	-9.2		
SVKR	SVKR			e	Smax				
SVKR	comp=E,489nm,0.9s			Smax					
SVKR	Severomuyksk	4.14	255	eP	Pn	20 24 57.4	+1.1		
SVKR	SVKR			e	pmax				
UKT	comp=Z,38nm,0.4s			Smax					
UKT	Uakit	4.37	247	ePg	Pg	20 25 00.0	-8.8		
UKT	UKT			eSg	Sg	20 25 55.6	-1.1		
UKT	UKT			e	Smax				
UKT	comp=Z,14nm,1.0s			Smax					
UKT	comp=Z,98nm,1.6s			Smax					
UKT	Uakit	4.37	247	eP	Pn	20 24 59.9	+1.0		
UKT	UKT			e	pmax				
YOA	comp=Z,9.0nm,0.5s			Smax					
YOA	Uoyan	5.10	259	eSg	Sg	20 26 20.3	-1.1		
YOA	YOA			e	Smax				
KMO	comp=Z,404nm,1.7s			Smax					
KMO	Kumora	5.46	258	e	rx	20 25 48.0			
KMO	KMO			eSg	Sg	20 26 30.2	-1.3		
KMO	KMO			e	Smax				
YLVR	comp=Z,110nm,1.0s			Smax					
YLVR	Ulyunkhan	5.91	249	ePg	Pg	20 25 28.8	-1.1		
YLVR	YLVR			eSg	Sg	20 26 44.0	-1.4		
YLVR	YLVR			e	Smax				
YLVR	comp=Z,7.0nm,0.8s			Smax					
YLVR	comp=Z,7.6nm,1.2s			Smax					
YLVR	Ulyunkhan	5.91	249	eP	Pn	20 25 29.1	+1.7		
YLVR	YLVR			e	pmax				
NIZ	comp=Z,11nm,0.5s			Smax					
NIZ	Nizh Angarsk	6.38	260	eSg	Sg	20 26 58.9	-1.5		
NIZ	NIZ			e	Smax				
YAK	comp=Z,49nm,1.8s			Smax					
YAK	Yakutsk	6.49	41	eSg	Sg	20 27 00.5	-1.7		
YAK	YAK			e	Smax				
CIT	comp=Z,538nm,0.5s			Smax					
CIT	Chita	6.80	221	ePn	Pn	20 25 22.5	-1.8		
CIT	CIT			eSn	Sn	20 26 32.6	-1.0		
CIT	CIT			eSg	Sg	20 27 11.0	-1.7		
CIT	CIT			e	Smax				
CIT	comp=Z,11nm,0.5s			Smax					
SVYR	comp=Z,109nm,1.5s			Smax					
SVYR	Suvo	7.14	243	eSn	Sn	20 26 44.1	-7.3		
SVYR	SVYR			eSg	Sg	20 27 23.8	-1.5		
SVYR	SVYR			e	Smax				
OGRR	comp=Z,68nm,1.4s			Smax					
OGRR	Ongureny	8.34	249	eSg	Sg	20 27 59.7	-1.9		
KPC	comp=Z,34nm,1.1s			Smax					
KPC	Khapcheranga	9.16	216	eSg	rx	20 27 48.1	-2.3		
KPC	KPC			e	Smax	20 28 23.6			
UNR	comp=Z,34nm,1.1s			Smax					
UNR	Ust'-Nera	13.02	47	eSg	S	20 30 23.1	+6.7		

MOS 10 20:43:24.0±2.0,57.30N,120.50E,h29km,mb4.2/1,Error ellipse: s-maj=39.5km s-min=31.1km az=135.7

BYKL 10 20:43:20.7±0.4,57.40N,120.68E,1D,Southeastern Siberia

2005 NOV

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
TUP	comp=N,63nm,0.3s			Smax					
TUP	Tupik	3.01	188	eP	Pn	20 44 08.3	-2.2		
TUP	TUP			eS	Sn	20 44 43.9	-4.0		
TUP	TUP			e	pmax				
TUP	comp=Z,51nm,0.3s			Smax					
TUP	comp=E,128nm,0.6s			Smax					
TNDR	Tynda	3.19	133	e	Pn	20 43 59.7	-1.3		
TNDR	TNDR			ePg	Pg	20 44 17.2	-7.2		
TNDR	TNDR			e	Sn	20 44 42.8			
TNDR	TNDR			eSg	Sn	20 44 50.3	-2.1		
TNDR	TNDR			eSg	Sg	20 44 59.6	-7.3		
TNDR	comp=E,92nm,0.3s			Smax					
TNDR	comp=E,455nm,0.3s			Smax					
TNDR	Severomuyksk	4.12	255	ePg	Pg	20 44 35.3	-7.8		
TNDR	SVKR			eSg	Sg	20 45 28.9	-9.1		
TNDR	SVKR			e	Smax				
SVKR	comp=E,2.0nm,0.9s			Smax					
SVKR	Uakit	4.36	247	ePg	Pg	20 44 39.4	-8.3		
SVKR	UKT			eSg	Sg	20 45 34.3	-1.1		
SVKR	UKT			e	Smax				
SVKR	comp=E,9.0nm,0.6s			Smax					
YOA	Uoyan	5.09	259	eSg	Sg	20 45 57.3	-1.3		
YOA	YOA			e	Smax				
KMO	comp=E,158nm,0.7s			Smax					
KMO	Kumora	5.45	258	eSg	Sg	20 46 08.3	-1.4		
KMO	KMO			e	Smax				
YLVR	comp=E,77nm,1.1s			Smax					
YLVR	Ulyunkhan	5.89	249	eSg	Sg	20 46 22.0	-1.5		
YLVR	YLVR			e	Smax				
YLVR	comp=Z,15nm,0.6s			Smax					
YLVR	Nizh Angarsk	6.37	260	eSg	Sg	20 46 37.4	-1.5		
YLVR	YLVR			e	Smax				
YAK	comp=Z,25nm,0.9s			Smax					
YAK	Yakutsk	6.50	41	eSg	Sg	20 46 39.8	-1.7		
YAK	YAK			e	Smax				
CIT	comp=Z,381nm,0.7s			Smax					
CIT	Chita	6.79	220	e	Pn	20 45 15.3	+1.1		
CIT	CIT			eSg	max	20 46 50.5	-1.6		
CIT	CIT			e	Smax				
CIT	comp=Z,12nm,0.8s			Smax					
SVYR	comp=Z,87nm,1.5s			Smax					
SVYR	Suvo	7.13	243	eSg	Sg	20 47 01.0	-1.7		
SVYR	SVYR			e	Smax				
OGRR	comp=Z,64nm,1.3s			Smax					
OGRR	Ongureny	8.32	249	eSg	Sg	20 47 40.3	-1.7		
OGRR	OGRR			e	Smax				
KPC	comp=Z,7.0nm,1.3s			Smax					
KPC	Khapcheranga	9.15	216	eSg	Sg	20 48 03.8	-2.2		
KPC	KPC			e	Smax				
KPC	comp=Z,14nm,0.8s			Smax					

IDC 10 21:06:24.0±1.2,57.26N,120.66E,mb3.8/11,mb1 4.1/11,mb1mx3.9/21,mb1mp3.9/11,Error ellipse: s-maj=27.7km s-min=24.7km az=4.0

BYKL 10 21:06:24.8±0.3,57.33N,120.75E,h13km,MS3.4 NEIC 10 21:06:24.9±0.7,57.42N,120.78E,h5km,mb4.1/3,Error ellipse: s-maj=16.9km s-min=9.9km az=141.0

MOS 10 21:06:25.4±1.6,57.48N,120.65E,h19km,mb4.0/4,Error ellipse: s-maj=13.4km s-min=8.7km az=87.7

ISC 10 21:06:27.9±0.3,57.33N,120.54E±0.04,h33km,n70,α114/69,mb3.9/12,2C,Southeastern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
TUP	comp=Z,327nm,0.6s			Smax					
TUP	comp=E,2um,1.0s			Smax					
TNDR	Tynda	3.20	131	e	max	21 07 16.3	-0.6		
TNDR	TNDR			e	max	21 07 18.0			
TNDR	TNDR			eSn	Sn	21 07 53.8	-0.7		
TNDR	TNDR			eSg	Smax	21 08 01.1	+6.7		
TNDR	TNDR			e	max	21 08 12.3			
SVKR	comp=E,13um,0.4s			Smax					
SVKR	Severomuyksk	4.03	255	ePg	P	21 07 37.8	+1.0		
SVKR	SVKR			e	Smax	21 07 42.5			
SVKR	comp=E,138nm,0.6s			Smax					
SVKR	SVKR			eSn	Sn	21 08 14.2	-1.4		
SVKR	SVKR			eSg	S	21 08 33.0	+1.7		
SVKR	SVKR			e	Smax	21 08 46.0			
UKT	comp=E,1um,1.0s			Smax					
UKT	Uakit	4.26	247	ePn	Pn	21 07 32.8	+0.6		
UKT	UKT			ePg	Px	21 07 42.7			
UKT	UKT			e	Smax	21 07 46.6			
UKT	comp=E,62nm,1.2s			Smax					
UKT	UKT			eSg	Sx	21 08 38.8			
UKT	UKT			e	Smax	21 08 46.2			
UKT	comp=E,443nm,1.3s			Smax					
UKT	Uakit	4.26	247	eP	Px	21 07 42.9			
UKT	UKT			e	pmax				
YOA	comp=Z,40nm,0.5s			Smax					
YOA	Uoyan	5.00	260	ePn	Pn	21 07 42.2	-0.5		
YOA	YOA			ePg	Px	21 07 56.9			
YOA	YOA			e	Smax	21 08 05.5			
YOA	comp=Z,123nm,1.4s			Smax					
YOA	YOA			eSn	Sn	21 08 37.2	-2.8		
YOA	YOA			eSg	Sx	21 08 03.0			
YOA	YOA			e	Smax	21 09 18.8			
YOA	comp=Z,1um,1.0s			Smax					

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 169nm, 1.1s, 449nm, 0.5s, Chara, 1.41 252, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Suvo, 7.12 243, Khapcheringa, 9.12 216, Songino Array, 12.88 228, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lac du Bonnet, 77.11 343, BOSA, 82.49 118, BOSHO, 82.49 118, MAW, 82.53 163, etc.

δ43° λ161°
 SKHL 11 01:42:25.9±2.1, 47.60N±147.84E, h358km, 16km, mb6.0/2, msh5, 1/5
 BUJ 11 01:42:26.6±4.7, 72N±147.43E, h364km, mb4.5, mb4.7
 MOS 11 01:42:26.3±0.8, 47.75N±147.50E, h367km, mb4.7/65, Error ellipse: s-maj=8.4km s-min=4.6km az=96.4
 JMA 11 01:42:26.8±0.5, 46.94N±148.17E, h406km, M4.7
 IDC 11 01:42:27.6±0.5, 47.68N±147.55E, h372km, 5km, mb4.0/24, mb1.4/228, mb1mx4.2/30, mbtmp4.8/28, Error ellipse: s-maj=10.5km s-min=7.2km az=150.0
 NEIC 11 01:42:28.1±0.1, 47.73N±147.54E, mb4.7/119, Error ellipse: s-maj=3.9km s-min=2.2km az=165.0
 ISC 11 01:42:26.7±0.1, 47.59N±0.02-147.58E±0.03, h377km, h377km±2.8km, p-P, n06, 0.094/430, mb4.6/151, 92C-10D, Northwest of Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	ISC
						h	m	s
KUR	Kuril'sk	2.37	175	Op	P	01 43 19.7	-3.8	
KUR	150nm,0.8s			AMB	AMB	01 43 20.3		
KUR	190nm,0.8s			AMB	AMB	01 43 20.3		
KUR	2μm,0.8s			AMB	AMB	01 43 20.4		
KUR	5μm,2.0s			iS	S	01 44 04.0	-4.0	
KUR	2μm,3.0s			A	A	01 44 06.0		
KUR	8μm,3.0s			A	A	01 44 06.0		
KUR	320nm,1.0s			A	A	01 44 06.0		
KUR	510nm,1.0s			A	A	01 44 06.0		
KUR	Kuril'sk	2.37	175	i/PN	P	01 43 19.7	-3.8	
KUR	comp=N,150nm,0.8s			iS	S	01 44 04.0	-4.0	
KUR	comp=E,190nm,0.8s			pmax	pmax			
KUR	comp=Z,2μm,0.8s			pmax	pmax			
KUR	comp=Z,5μm,1.5s			pmax	pmax			
KUR	comp=N,320nm,1.0s			smax	smax			
KUR	comp=E,510nm,1.0s			smax	smax			
KUR	comp=N,2μm,2.5s			smax	smax			
YSS	Yuzh-Sakhalins	3.34	261	i/PN	P	01 43 33.0	+1.4	
YSS	comp=E,80nm,0.8s			iS	S	01 44 24.0	+1.5	
YSS	comp=E,400nm,1.1s			A	A	01 44 26.0		
YSS	comp=E,320nm,1.1s			A	A	01 44 28.0		
YSS	comp=E,2μm,4.0s			A	A	01 44 28.0		
YSS	Yuzh-Sakhalins	3.34	261	eP	P	01 43 33.2	+1.7	
YSS	Yuzh-Sakhalins	3.34	261	i/PN	P	01 43 33.0	+1.4	
YSS	comp=N,280nm,0.8s			iS	S	01 44 24.0	+1.5	
YSS	comp=Z,400nm,1.0s			pmax	pmax			
YSS	comp=Z,320nm,1.1s			smax	smax			
YSS	comp=N,2μm,4.0s			smax	smax			
YSS	comp=E,2μm,4.0s			smax	smax			
YUK	Yuzh-Kuril'sk	3.75	199	i/P	P	01 43 34.9	-0.5	
YUK	comp=E,2μm,1.0s			AMB	AMB	01 43 35.5		
YUK	comp=E,760nm,0.5s			AMB	AMB	01 43 36.2		
YUK	comp=E,950nm,0.5s			AMB	AMB	01 43 36.2		
YUK	comp=E,2μm,0.5s			AMB	AMB	01 43 36.2		
YUK	comp=E,3μm,2.0s			eS	S	01 44 28.0	-1.4	
YUK	comp=E,2μm,2.0s			A	A	01 44 32.0		
YUK	comp=E,700nm,0.6s			A	A	01 44 40.0		
YUK	Yuzh-Kuril'sk	3.75	199	i/PN	P	01 43 34.9	-0.5	
YUK	comp=Z,2μm,1.0s			eS	S	01 44 28.0	-1.4	
YUK	comp=N,760nm,0.5s			pmax	pmax			
YUK	comp=E,950nm,0.5s			pmax	pmax			
YUK	comp=Z,2μm,0.5s			pmax	pmax			
YUK	comp=N,3μm,1.5s			smax	smax			
YUK	comp=E,2μm,1.5s			smax	smax			
YUK	comp=N,700nm,0.6s			smax	smax			
UGL	Uglegorsk	3.96	294	eP	P	01 43 38.5	+1.1	
UGL	comp=E,120nm,0.5s			AMB	AMB	01 43 40.0		
UGL	Uglegorsk	3.96	294	eP	P	01 43 35.0	+2.0	
JRA	Rausu	4.04	206	P	P	01 43 48.5	+1.1	
JSE	Soyaes	4.35	235	P	P	01 43 42.6	+1.2	
JSE	Nemuro 2	4.42	198	P	P	01 44 41.8	+1.9	
NEM2	Nemuro 2	4.42	198	P	P	01 43 38.2	-3.9	
JTKR	Abashiri-Toko	4.44	217	P	P	01 44 35.2	-6.0	
JTKR	Keihoku	4.54	242	P	P	01 43 42.0	-0.3	
JWK2	Tymovskoe	4.59	317	P	P	01 44 41.1	-0.4	
TYV	comp=E,105nm,0.6s			P	P	01 43 45.5	+2.2	
TYV	comp=E,142nm,0.6s			AMB	AMB	01 43 41.5	-2.4	
TYV	comp=N,10nm,1.0s			AMB	AMB	01 43 42.0		
TYV	comp=E,141nm,1.0s			eS	S	01 44 42.5	-1.9	
TYV	comp=E,92nm,1.0s			A	A	01 44 46.0		
TYV	comp=E,1μm,5.0s			A	A	01 44 48.0		
ASAJ	Asahikawa	4.92	227	P	P	01 43 48.2	+1.0	
ASAJ	comp=E,73nm,0.3s,baz=57,slo=8.5,SNR=206			S	S	01 44 52.1	+1.7	
ASAJ	Asahikawa	4.92	227	P	P	01 43 48.3	+1.0	
ASAJ	comp=Z,73nm,0.3s			PN	P	01 44 52.1	+1.7	
ASAJ	comp=N,6.0nm,0.3s			pmax	pmax			
JAK	Akkeshi	5.03	205	P	P	01 43 45.1	-3.3	
JAK	Kamakawa 2	5.03	224	P	P	01 44 47.3	-5.2	
JKK2	Ashorobuto	5.06	213	P	P	01 43 48.8	+0.4	
JAR	Hokuryu	5.62	229	P	P	01 44 52.8	+0.3	
JFR	Furuk	5.65	220	P	P	01 43 47.9	-1.0	
JCH	Churui	5.80	212	P	P	01 44 51.6	-1.6	
JNBK	Urakawa-nobuka	6.32	215	P	P	01 43 56.0	+1.1	
JNBK	Severo-Kuril'sk	6.40	58	P	P	01 43 54.9	-0.3	
SKR	comp=N,150nm,0.5s			eS	S	01 45 04.1	-2.7	
SKR	comp=N,150nm,0.5s			eS	S	01 45 02.4	-5.2	
SKR	comp=N,150nm,0.5s			eS	S	01 45 59.5	-3.2	
SKR	comp=N,150nm,0.5s			eS	S	01 45 12.6	-5.6	
SKR	comp=N,150nm,0.5s			AMB	AMB	01 43 49.4		

SKR	comp=N,540nm,0.5s			eP	S	01 43 58.5		
SKR	comp=N,90nm,0.5s			A	A	01 45 12.7	-7.1	
SKR	comp=N,150nm,0.5s			A	A	01 45 24.0		
SKR	comp=N,60nm,0.5s			A	A	01 45 24.0		
SKR	comp=N,5μm,12.0s			AMS	AMS	01 46 56.0		
JEW	Eniwo	6.42	225	eP	S	01 45 19.2	-1.2	
JSK	Shakotan	6.55	232	P	P	01 44 05.8	+0.5	
PAU	Kayuzhetka	7.15	54	i/P	P	01 44 10.4	-1.9	
JKB	Pauzhetka	7.36	222	P	P	01 44 19.9	-2.8	
JOT	Ohata	7.76	219	P	P	01 45 32.9	-6.9	
JOT	Okushiri-Mats	7.96	229	eP	S	01 44 16.0	-3.4	
JOSM	Gorny	7.97	298	eP	S	01 45 40.3	-7.9	
GRNR	comp=N,160nm,1.0s			AMB	AMB	01 45 47.7	-4.7	
GRNR	comp=N,56nm,1.0s			AMB	AMB	01 44 20.6		
GRNR	comp=N,420nm,1.0s			AMB	AMB	01 44 20.6		
TEY	Ternei	8.02	255	eP	S	01 44 22.0	-0.3	
TEY	comp=N,1μm,4.0s			eS	S	01 45 55.0	+1.6	
TEY	comp=N,50nm,1.0s			A	A	01 45 56.0		
TEY	comp=N,220nm,1.8s			A	A	01 45 58.0		
JANG	Nango	8.43	213	P	P	01 45 58.0		
JANG	Ohasama	9.31	212	P	P	01 44 23.3	-3.9	
JOM	JOM	9.31	212	P	P	01 45 54.1	-8.1	
JOM	Ichinoseki	9.80	210	P	P	01 44 34.3	-3.2	
JMK	Kaneyama	10.14	214	P	P	01 46 13.3	-7.5	
JYK	Kul'dur	10.65	285	eP	P	01 44 40.5	-2.5	
KLR	comp=N,100nm,0.8s			eS	S	01 44 45.1	-2.5	
KLR	comp=N,120nm,0.8s			eS	S	01 46 30.2	-8.3	
KLR	comp=N,120nm,0.8s			AMB	AMB	01 44 54.8	+1.5	
EKMR	Ekimchan	10.83	306	eP	P	01 44 54.8	+1.5	
EKMR	Vladivostok	11.90	254	i/PN	P	01 44 56.8	+1.4	
MA2	Magadan	12.15	8	eP	P	01 45 07.8	-1.0	
MA2	Magadan	12.15	8	eP	P	01 45 09.4	-1.4	
MDJ	Mudanjiang	12.83	263	P	P	01 45 10.0	-0.8	
MDJ	comp=Z,40nm,1.2s			pmax	pmax	01 45 17.9	-0.8	
MDJ	comp=Z,80nm,4.9s			AMB	AMB	01 45 18.0	-0.7	
MAJO	Matsushiro	13.04	216	eP	P	01 45 18.0	-0.7	
MAJO	comp=Z,25nm,0.7s			eP	P	01 45 20.6	-0.5	
MAJO	comp=Z,40nm,0.6s			eP	P	01 45 20.6	-0.5	
MAT	Matsushiro	13.04	216	P	P	01 45 20.6	-0.5	
MAT	comp=Z,39nm,0.6s			P	P	01 45 20.6	-0.5	
MAT	Matsushiro	13.04	216	P	P	01 47 33.4	+3.4	
MAT	comp=Z,40nm,0.7s			eP	P	01 45 21.0	-0.1	
MAT	Matsushiro	13.04	216	eS	S	01 47 43.0	+3.0	
MAT	comp=Z,40nm,0.7s			eP	P	01 45 21.0	-0.1	
MAT	Matsushiro	13.04	216	eS	S	01 47 43.0	+3.0	
MAT	comp=Z,40nm,0.7s			eS	S	01 47 43.0	+3.0	
MJAR	Matsushiro Arr	13.04	216	P	P	01 47 43.0	+3.0	
YASR	Yasny	13.71	302	P	P	01 45 21.0	-0.1	
YASR	comp=Z,7.5nm,0.3s,baz=17,slo=64			AMB	AMB	01 45 29.0		
YASR	comp=Z,7.0nm,0.6s			AMB	AMB	01 45 29.0		
YASR	comp=Z,60nm,0.6s			AMB	AMB	01 45 29.0		
BMKR	Bomnak	13.72	308	eP	P	01 45 29.0		
BMKR	comp=Z,10nm,0.5s			eP	P	01 45 28.0	-0.6	
ZEZ	Zeya	14.26	303	eP	P	01 45 28.0	-0.6	
ZEZ	comp=Z,40nm,0.9s			AMB	AMB	01 45 35.3	+0.9	
SEY	Seymchan	15.61	8	i/P	P	01 45 36.2		
CN2	Changchun	15.91	264	i/P	P	01 45 47.8	-0.6	
CN2	comp=Z,30nm,0.9s			eXP	P	01 45 30.3	-1.3	
CN2	comp=Z,30nm,0.9s			eS	S	01 47 22.8	-2.5	

KURK	Kurchatov	47.32 301	eP	P	01 49 56.7	-0.5
KURK			e		01 51 36.1	
KURK			pmax			
LSA	Lhasa	46.48 268	P	P	01 50 21.5	+2.3
LSA			AMB	AMB		
LSA			pmax	pmax		
LSA	comp=Z,6.0nm,0.8s,m3.8					
LSA	Lhasa	46.48 268	eP	P	01 50 21.5	+2.3
LSA			AMB	AMB		
LSA			pmax	pmax		
LSA	comp=Z,37nm,0.6s,m4.7					
CHZK	Chkalovo	46.96 308	eP	P	01 50 21.2	-1.2
CHZK			ePcP	PcP	01 51 46.8	-1.6
CHZK			P	P	01 50 25.9	+0.3
BVOR	Borovoye Array	47.37 307	P	P	01 51 48.9	-0.9
BVOR			PcP	PcP	01 51 48.9	-0.9
BVOR	comp=Z,2.4nm,0.5s,baz=77,slow=3.1,SNR=12					
BVOR			ScP		01 55 06.3	
BRVK	Borovoye	47.41 307	P	P	01 50 25.4	-0.5
BRVK			P	P	01 51 48.9	-1.2
BRVK			ePcP	PcP	01 50 28.8	+0.8
DLBC	Dease Lake	47.69 45	P	P	01 50 52.1	+1.5
DLBC			P	P	01 50 51.7	-1.3
DLBC	comp=Z,12nm,0.5s,m4.4,baz=287,slow=6.4,SNR=19					
KIP	Kipapa	50.83 101	P	P	01 50 55.7	+1.4
KBS	Kingsbay	51.05 350	iP	P	01 50 52.1	+1.5
JIRN	Jiri	51.14 270	eP	P	01 50 59.6	+0.9
GUN	Gumba	51.19 270	eP	P	01 50 57.2	-1.5
GUN			P	P	01 52 04.9	-0.8
KKN	Kakani	51.67 271	eP	P	01 51 01.9	-1.5
PKI	Pulchoki	51.72 270	eP	P	01 51 01.9	-1.5
PKI			P	P	01 51 01.9	-1.5
ARU	Arti	51.79 315	eP	P	01 51 21.6	-1.8
ARU			ePcP	PcP	01 51 21.6	-1.8
ARU			P	P	01 51 24.9	+0.8
ARU			P	P	01 52 18.7	-0.9
ARU			e	e	01 52 59.5	
ARU			eSS	SS	02 01 31.8	-1.7
ARU			pmax	pmax		
DMN	Daman	51.91 271	eP	P	01 51 01.0	+1.0
GKN	Gorkha	51.97 271	eP	P	01 51 01.0	+1.0
GKN			P	P	01 51 01.0	+1.0
YKWS	Yellowknife Ar	52.43 351	eP	P	01 51 01.9	-1.5
YKA	Yellowknife Ar	52.47 35	P	P	01 51 01.9	-1.5
YKA			P	P	01 51 01.9	-1.5
YKA	comp=Z,1.5nm,0.6s,m4.5,baz=303,slow=7.1,SNR=40					
YKA			PcP	PcP	01 52 07.8	-0.8
YKA	Yellowknife Ar	52.47 35	P	P	01 51 01.9	-1.5
YKA			PcP	PcP	01 52 07.8	-0.8
KOLN	Koldanda	52.82 272	eP	P	01 51 07.7	+1.0
KEV	Kevo	52.83 239	eP	P	01 51 21.6	-1.8
KEV			eP	P	01 51 21.6	-1.8
KEV			pmax	pmax		
AKTO	Aktuybinsk	55.30 309	P	P	01 51 24.9	+0.8
AKTO			PcP	PcP	01 52 18.7	-0.9
AKTO	comp=Z,1.9nm,0.6s,baz=68,slow=6.2,SNR=6.3					
AKTO			P	P	01 51 24.9	+0.8
AKTO			pmax	pmax		
AKTO	comp=Z,1.0nm,0.5s					
AKTO			pmax	pmax		
DAG	Danmarks Havn	55.60 356	iP	P	01 51 24.0	-2.0
DAG			eP	P	01 51 24.0	-2.0
DAG			pmax	pmax		
DAG	comp=Z,5.6nm,0.5s,m4.2					
DAG	Danmarks Havn	55.60 356	iP	P	01 51 24.0	-2.0
DAG			eP	P	01 51 24.0	-2.0
DAG			pmax	pmax		
DAG	comp=Z,6.0nm,0.5s,m4.2					
ARCES	ARCCESS Array B	55.76 339	P	P	01 51 25.7	-1.4
ARCES			PcP	PcP	01 52 19.9	-1.2
ARCES	comp=Z,2.9nm,0.7s,m3.7,baz=49,slow=6.7,SNR=25					
NLW	Nelson Butte	58.03 52	P	P	01 51 43.1	+0.1
EDM	Edmonton	58.40 44	eP	P	01 51 44.7	-0.8
TBM	Table Mountain	58.44 53	P	P	01 51 45.5	-0.4
WTV	Waterville	58.46 52	P	P	01 51 45.9	-0.6
JOF	Joensuu	58.84 331	eP	P	01 51 46.7	-1.7
JOF			P	P	01 51 46.7	-1.7
EPH	Ephrata	58.87 53	P	P	01 51 48.2	-0.5
OD2	Odessa Site #2	59.32 52	P	P	01 51 51.3	-0.5
NEW	Newport	59.61 50	eP	P	01 51 53.4	-0.3
NEW			P	P	01 51 53.4	-0.3
NEW	comp=Z,1.5nm,0.7s,m4.5,baz=311,slow=5.5,SNR=17					
NEW			P	P	01 51 53.7	0.0
NEW			pmax	pmax		
NEW	Newport	59.61 50	eP	P	01 51 53.7	0.0
NEW			P	P	01 51 53.7	0.0
NEW			pmax	pmax		
NEW	comp=Z,1.9nm,0.9s,m4.5					
YTHM	Trough	59.58 55	P	P	01 51 54.6	+0.4
SUMG	Summit	60.06 2	eP	P	01 51 56.1	-0.3
VIMP	Vingram Point	60.07 56	P	P	01 51 57.3	+0.4
KAF	Kangasniemi	61.02 333	eP	P	01 52 01.3	-1.6
KAF			P	P	01 52 01.3	-1.6
KAF			pmax	pmax		
KAF	comp=Z,2.0nm,0.3s,m4.0					
FINES	FINESS Array B	61.60 332	P	P	01 52 05.3	-1.4
FINES			PcP	PcP	01 52 43.0	-1.5
FINES	comp=Z,1.6nm,0.6s,m4.7,baz=36,slow=7.4,SNR=92					
FINES			P	P	01 52 05.3	-1.4
FINES	comp=Z,1.1nm,0.3s,baz=40,slow=4.5,SNR=4.5					
FINES			PcP	PcP	01 52 05.3	-1.4
FINES	FINESS Array B	61.60 332	P	P	01 52 05.3	-1.4
FINES			PcP	PcP	01 52 05.3	-1.4
BMO	Blue Mountains	61.68 54	eP	P	01 52 07.5	+0.1
MOD	Modoc	61.90 58	eP	P	01 52 08.9	0.0
MOD			P	P	01 52 08.9	0.0
MSO	Missoula	62.19 50	eP	P	01 52 10.6	-0.2
OBN	Obninsk	62.41 323	iP	P	01 52 11.1	-1.0
OBN			P	P	01 52 11.1	-1.0
OBN			pmax	pmax		
OBN	comp=Z,1.2nm,1.1s,m4.3					
CHMT	Chamberlain Mo	62.49 50	eP	P	01 52 12.3	-0.4
WVOR	Wild Horse Val	62.50 56	eP	P	01 52 13.1	+0.2
WVOR			P	P	01 52 13.1	+0.2
WVOR	comp=Z,1.4nm,1.0s,m4.5					
FCC	Fort Churchill	62.56 31	iP	P	01 52 11.6	-1.4
FCC			P	P	01 52 11.6	-1.4
FCC			pmax	pmax		
FCC	comp=Z,1.4nm,1.0s,m4.5					
FCC	Fort Churchill	62.56 31	iP	P	01 52 11.6	-1.4
FCC			P	P	01 52 11.6	-1.4
FCC			pmax	pmax		
FCC	comp=Z,3.1nm,0.6s,m5.0					
HRY	Holter Researc	63.35 49	eP	P	01 52 18.5	+0.2
DLMT	Dillon	63.86 51	eP	P	01 52 22.2	+0.7
HLID	Hailey	64.09 53	eP	P	01 52 23.4	+0.4
HLID			P	P	01 52 23.4	+0.4
HLID			ePcP	PcP	01 52 54.8	-0.1
HLID			P	P	01 52 24.1	+0.6
BOZ	Bozeman (W)	64.17 50	iP	P	01 52 24.1	+0.6
BOZ			P	P	01 52 24.1	+0.6
BOZ			pmax	pmax		
BOZ	comp=Z,2.4nm,0.7s,m4.9					
CMB	Columbia Colle	64.36 61	eP	P	01 52 24.8	-0.1
CMB			P	P	01 52 24.8	-0.1
CMB			ePcP	PcP	01 52 55.6	-0.5
CMB			P	P	01 52 24.8	-0.1
CMB			pmax	pmax		
CMB	Columbia Colle	64.36 61	eP	P	01 52 24.8	-0.1
CMB			P	P	01 52 24.8	-0.1
CMB			pmax	pmax		
CMB	comp=Z,8.0nm,0.9s,m4.3					
QLMT	Earthquake Lak	64.83 51	eP	P	01 52 28.3	+0.6
YMR	Madison River	65.18 50	eP	P	01 52 31.0	+1.0
YMR			P	P	01 52 31.0	+1.0
NVAR	Mina Array Bea	65.33 60	P	P	01 52 31.5	+0.5
NVAR			P	P	01 52 31.5	+0.5
NVAR	comp=Z,8.0nm,0.8s,m4.4,baz=308,slow=5.0,SNR=45					
NVAR			P	P	01 52 33.6	+2.3
NVAR			P	P	01 52 32.7	+0.4
YFT	Old Faithful	65.40 50	eP	P	01 52 32.7	+0.4
ELK	Elko	65.53 56	eP	P	01 52 32.7	+0.4
ELK			P	P	01 52 32.7	+0.4
ELK			pmax	pmax		
ELK	comp=Z,3.3nm,0.7s,m4.2					
ELK	Elko	65.53 56	eP	P	01 52 32.7	+0.4
ELK			P	P	01 52 32.7	+0.4
ELK			pmax	pmax		
ELK	comp=Z,3.0nm,0.7s					
IMW	Indian Meadow	65.72 51	eP	P	01 52 34.6	+1.2
IMW			P	P	01 52 34.6	+1.2
IMW			pmax	pmax		
IMW	comp=Z,2.2nm,1.1s,m4.8					

DGMT	Dagmar	65.89 44	eP	P	01 52 34.4	0.0
RRR2	Red Ridge	65.90 52	iP	P	01 52 35.6	+1.1
RRR2			P	P	01 52 35.6	+1.1
RRR2	comp=Z,39nm,0.7s,m5.5					
MOOW	Moose Pond	65.93 51	eP	P	01 52 35.6	+0.9
TPAW	Teton Pass	66.00 51	eP	P	01 52 36.1	+1.0
TPAW			P	P	01 52 36.1	+1.0
TPAW	comp=Z,30nm,1.1s,m4.9					
LOHW	Long Hollow	66.09 51	eP	P	01 52 36.7	+1.0
LOHW			P	P	01 52 36.7	+1.0
LOHW	comp=Z,1.7nm,1.1s,m4.7					
NB2	NORSAR Subarra	66.13 338	P	P	01 52 34.6	-1.1
NB2			P	P	01 52 34.6	-1.1
NB2	comp=Z,1.3nm,0.5s,m4.9,baz=30,slow=6.5					
NB2	NORSAR Subarra	66.13 338	P	P	01 52 34.6	-1.1
NB2			P	P	01 52 34.6	-1.1
NB2	comp=Z,1.3nm,0.5s,m4.9,baz=30,slow=6.5					
NOA	NORSAR Array B	66.13 338	P	P	01 52 34.8	-0.9
NOA			P	P	01 52 34.8	-0.9
NOA	comp=Z,1.2nm,0.5s,m4.9,baz=30,slow=6.4,SNR=36					
REDW	Red Top Meadow	66.14 51	eP	P	01 52 36.9	+0.9
REDW			P	P	01 52 36.9	+0.9
REDW	comp=Z,1.7nm,1.1s,m4.7					
LAO	LSA Array	66.18 46	eP	P	01 52 36.8	+0.4
HVU	Hansel Valley	66.19 54	eP	P	01 52 36.8	+0.4
HVU			P	P	01 52 36.8	+0.4
HVU	comp=Z,1.3nm,1.2s,m4.5					
HVU	Hansel Valley	66.19 54	eP	P	01 52 36.8	+0.4
HVU			pmax	pmax		
HVU			P	P	01 52 35.9	-1.3
NAO01	NORSAR Array S	66.38 338	eP	P	01 52 34.6	-2.8
NAO	NORSAR Subarra	66.41 339	P	P	01 52 34.6	-2.8
NAO			P	P	01 52 34.6	-2.8
NAO	comp=Z,1.3nm,0.5s,m4.9					
NAO	NORSAR Subarra	66.41 339	P	P	01 52 34.6	-2.8
NAO			pmax	pmax		
NAO			P	P	01 52 34.6	-2.8
SPUT	South Promonto	66.59 54	eP	P	01 52 40.1	+0.6
HWUT	Hardware Ranch	66.56 53	eP	P	01 52 41.9	+0.7
HWUT			P	P	01 52 41.9	+0.7
HWUT	comp=Z,1.4nm,0.9s,m4.7					
BW06	Boulder Array	67.23 51	iP	P	01 52 42.8	-0.1
BW06			P	P	01 52 42.8	-0.1
BW06	comp=Z,1.4nm,0.9s,m4.7					
PDAR	Pinedale Array	67.23 51	P	P	01 52 43.0	+0.2
PDAR			P	P	01 52 43.0	+0.2
PDAR	comp=Z,1.4nm,0.5s,m4.9,baz=12,slow=9.3,SNR=143					
PDAR						

Table with columns: SMF, Signal de Mont, 80.94 336, P, 01 54 00.5 -0.1, etc. Includes stations like Avrill sur Loir, Saint Gilles, La Plagne, etc.

Table with columns: SNA, Sanae, 152.19 200, PKPdf, PKPdf, etc. Includes stations like Bandar-Abbas, Kerman, Bidbid, etc.

Table with columns: INK, Inuvik, 9.59 42, P, 01 48 08.4 -0.8, etc. Includes stations like Yellowknife Ar, Yellowknife Ar, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Pilot Hill, Idaho Springs, Zarasai, etc.

MOS 11 01:51:48.7±1.9, 57.34N:120.59E, h7km, mb4.4/1, Error ellipse: s-maj=30.4km s-min=22.8km az=145.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Chara, 236nm, 1.1s, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Aldan, Nelyaty, Tupik, etc.

MOS 11 01:51:48.0±0.3, 57.36N:120.72E, 1C-2D, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ATKA, GSTR, GSTR, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Adak, Kanaga Island, Kodiak Island, etc.

THE 11 02:03:13.6, 37.34N-20.46E, h10km, ML3.5

CSEM 11 02:03:18.9±0.3, 37.66N:20.59E, h8km, MD3.7, Error ellipse: s-maj=7.7km s-min=3.1km az=56.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VLS, RLS, ITM, etc.

OTT 11 02:08:26.4±0.3, 60.89N:69.02W, h18km, MN2.6/2, 35km southeast from Quaqtaq, Co Boothia Ungava Seismic Zone, Northern Quebec

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KUQ, FRB, SCH, etc.

BUI 11 02:13:55.8, 35.82N-81.10E, h25km, ML4.4, Ms4.0

MOS 11 02:13:58.6±1.5, 35.91N:80.85E, h33km, mb3.8/1, Error ellipse: s-maj=25.8km s-min=8.0km az=105.0

NNC 11 02:14:04.7±4.6, 36.51N:80.92E, h14km, mb3.7km, Error ellipse: s-maj=36.6km s-min=26.8km az=157.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KSH, KSH, KSH, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nakatsue, Hachijo jima 2, Lanzhou, etc.

IDC 11 06:12:46.8-0.9, 57.36N-120.71E, mb3.9/11, mb1 4.1/12, mb1mx3.9/21, mbtmp3.9/12, ML3.6/1, MS3.3/1, Ms1 3.3/1, ms1mx2.8/19, Error ellipse: s-maj=23.3km s-min=18.2km az=156.0

BYKL 11 06:12:47.7-0.3, 57.42N-120.75E, h3km, 16km, FELT I=II MSK at Khani

NEIC 11 06:12:47.8-0.4, 57.41N-120.75E, h5km, mb4.7/2, Error ellipse: s-maj=8.3km s-min=5.9km az=160.0

NEIC FELT III at Khani

MOS 11 06:12:49.2-2.5, 57.38N-120.48E, h7km, mb4.1/6, Error ellipse: s-maj=10.7km s-min=7.6km az=71.2

MOS FELT III at Khani

ISC 11 06:12:49.0-0.3, 57.37N-120.003-120.72E-0.04, h3km, n77, s=1940/88, mb3.9/14, MS3.1/1, 2C-3D, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chara, Chul'man, Aldan, etc.

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

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ust'-Nera, Borovoye Array, etc.

TRN 11 07:06:29.3, 14.23N-60.52W, h80km, MD3.9, M3.7(FDF), MD2.9(FDF), 2C-4D, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Petit Monier, Montagne Vaucl, etc.

NDI 11 07:11:20.3-4.8, 34.79N-72.95E, h10km, MD3.8, ML3.6

NNC 11 07:11:27.4-1.3, 35.30N-72.43E, mpv3.8, Error ellipse: s-maj=20.8km s-min=9.4km az=107.0

ISC 11 07:11:17.5-0.8, 34.51N-0.07-72.8E-0.1, h10km, n14, s=181/22, 3C-2D, Pakistan

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

ATH 11 07:23:47.7, 40.30N-25.23E, h25km, 1km

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like AKASG Malin Array, AKASG Malin Array, AKASG Malin Array, etc.

IDC 11 14:54:41.61.1.55.34N;164.44E, mb3.5/8, mb1 3/8, mb1mx3.7/23, mbmp3.5/8, Error ellipse: s-maj=41.2km s-min=18.5km az=164.0

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like BKI Bering, BKI Bering, BKI Bering, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like SMKR Semkarok, SMKR Semkarok, SMKR Semkarok, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like OCSR Ossora, OCSR Ossora, OCSR Ossora, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like AVH Avacha, AVH Avacha, AVH Avacha, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like KODIAK Island, KODIAK Island, KODIAK Island, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like KRMR Karymsinskiy, KRMR Karymsinskiy, KRMR Karymsinskiy, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

IDC 11 14:54:49.9.0.8.55.24N;164.56E, mb3.9/10, mb1 4/2, mb1mx4.0/26, mbmp4.0/12, ML4.3/2, Error ellipse: s-maj=22.3km s-min=10.8km az=15.0

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like MOS 11 14:58:49.9.1.1.55.77S;27.11W, h33km, mb5.9/23, MS5.6/12, Error ellipse: s-maj=19.3km s-min=9.9km

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like HRVD 11 14:58:50.0.0.55.65S;26.97W, h15km, MW5.8/70, Centroid moment Tensor Solution. LP body waves: s69.c145;Mantle waves: s70.c212; Half duration: 2s

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like NEIC 11 14:58:50.5.1.55.76S;27.14W, h32km, 1.4km, mb5.7/29, MS5.4/12, MW5.9, Error ellipse: s-maj=6.9km s-min=4.7km

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like SNAIA Sanae, SNAIA Sanae, SNAIA Sanae, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like USHA Ushuaia, USHA Ushuaia, USHA Ushuaia, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like LPA La Plata, LPA La Plata, LPA La Plata, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like CPUP comp=Z,709nm,1.0s, CPUP comp=Z,716nm,19.0s, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like PEL Pedelue, PEL Pedelue, PEL Pedelue, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like BDFB Brasilia Array, BDFB Brasilia Array, BDFB Brasilia Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like SBA Scott Base, SBA Scott Base, SBA Scott Base, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like VVDA Vanda, VVDA Vanda, VVDA Vanda, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like TSUM Tsumeb, TSUM Tsumeb, TSUM Tsumeb, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and other parameters. Includes stations like RKT Rikitea, RKT Rikitea, RKT Rikitea, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like WMQ, DLBC, ENZH, LANZH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like MJAR, BOD, CN2, HIA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like ARCES, BVAR, CHKZ, MKAR, INK, etc.

MAN 11 15:25:30.6, 14.07N, 122.94E, h1km, mb3.9, ML2.6, MS2.3, Luzon

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like GQP, AUQP, POLP, BOAC, etc.

SNSN 11 15:34:07.4, 27.32N, 134.38E, h10km, M13.8, H11 11 15:34:08.4, 27.28N, 134.48E, h10km, Mb3.9, CSEM 11 15:34:08.5, 0.1, 27.28N, 134.47E, h2km, ML3.8, Error ellipse: s-maj=2.3km s-min=1.4km az=79.0

ISC 11 15:34:08.1, 0.8, 27.30N, 134.51E, 0.05, h18km, 7km, n57, 0.90/62, mb3.8/7, 11C-9D, Red Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like SHRM, HHRG, TR1, etc.

IDC 11 15:15:06.8, 0.6, 55.60S, 27.00W, mb4.4/11, mb1.4/4.1/2, mb1mx4.4/16, mbtmp3.3/12, ML3.5/1, MS4.6/2, M5.1/4.6/2, ms1x4.1/18, Error ellipse: s-maj=23.6km s-min=15.4km az=13.0

NEIC 11 15:15:08.2, 0.3, 55.60S, 27.01W, h10km, mb4.8/12, Error ellipse: s-maj=11.7km s-min=8.3km az=203.0

MOS 11 15:15:10.3, 1.6, 55.76S, 27.11W, h33km, mb5.0/5, Error ellipse: s-maj=36.5km s-min=16.6km az=107.3

ISC 11 15:15:06.6, 0.5, 55.57S, 27.09W, 0.1, h10km, n48, 0.1500/32, mb4.5/16, MS4.7/2, South Sandwich Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, Residual ISC. Includes stations like SNA, TRQA, PLCA, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRA Rausu, YUK Yuzh-Kuril'sk, YUK comp=N,5um,1.0s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 11 15:36:13.6, JMA 11 15:36:13.6, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WEL 11 15:44:16.8, WEL 11 15:44:16.8, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PXZ Takapari Road, TSZ Birch Farm, etc.

IDC 11 16:17:12.0, 7.89N, 94.11E, mb3.9/13, mb1 4.1/13, mb1mx4.0/20, mbtmp3.9/13, Error ellipse: s-maj=34.3km s-min=17.8km az=65.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KULM Kulim, GUN Gumba, DMN 22nm, 0.8s, mb4.7, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GYA Guiyang, GYA comp=Z, 8.0nm, 0.8s, mb4.2, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWAO Narogin (SRO), ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, KURK comp=Z, 6.4nm, 0.8s, mb4.5, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, INK comp=Z, 0.9nm, 0.5s, mb4.0, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VOSK Vostochnyaya, VOSK comp=Z, 2.0nm, 0.7s, mb4.3, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR comp=Z, 0.8nm, 0.7s, mb4.8, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array, ARCES comp=Z, 2.2nm, 0.6s, mb4.3, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 11 15:36:13.6, JMA 11 15:36:13.6, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DUNU Dundret, MASU Masugnsbyn, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTK1, KTK1, SGRF Sodankylä, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCS ARCES Array B, ARCS comp=Z, 0.5nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARAO ARCES Array S, ARAO comp=Z, 0.9nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UMAU Umeaa, STOK Stokkvaagen, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOLU Solfteflea, NOD Norderasen, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FIAO FINESS Array S, FIAO comp=Z, 0.4nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINES Array B, FINES comp=Z, 0.4nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORARS Subarra, NB2 comp=Z, 0.2nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, HFS comp=Z, 0.2nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRNR Gornyy, GRNR 120nm, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KLR Kul'dur, KLR 130nm, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EKMR Ekimchan, EKMR 6.0nm, 0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YASR Yasnyy, YASR 3.0nm, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NKL Nikolayevsk, ZEA Zeya, etc.

SKHL 11 16:35:40.5, 0.9, 50.02N, 134.24E, h5km, mb3.8/3, IC, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRNR Gornyy, GRNR 120nm, 0.5s, etc.

IDC 11 17:10:48.6, 0.6, 39.69S, 15.86W, mb4.0/15, mb1 4.0/15, mb1mx4.0/19, mbtmp4.0/15, MS4.3/11, Ms1 4.4/11, ms1mx3.3/15, Error ellipse: s-maj=21.0km s-min=14.7km az=170.0

NEIC 11 17:10:50.4, 0.3, 39.59S, 15.87W, h10km, mb4.8/6, Error ellipse: s-maj=10.1km s-min=9.2km az=160.0

ISC 11 17:10:48.7, 0.3, 39.66S, 0.09, 15.85W, h10km, n44, 0.086/38, mb4.1/18, MS4.3/11, 26C, Tristan da Cunha region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUR Sutherland, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, etc.

11d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like BOSA, BDFB, LBTF, USHA, etc.

MEX 11 17:16:47.7 ± 0.16, 97.91 W, h6km±28km, MD3.5, 1C, Near coast of Guerrero. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

CASC 11 17:19:43.1 ± 2.6, 13.08 N, 89.65 W, h37km, 99gkm, MD4.1, ML3.4, 5C-10D, El Salvador. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

IDC 11 17:40:03.3 ± 26.0, 19.01 N, 108.20 W, mb3.5/3, mb1 4/0/4, mb1mx3.8/19, mbtmp3.6/4, ML4.1/1, Error ellipse: s-maj=366.8km s-min=79.6km az=165.0. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

2005 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LOHW, MOOW, HLID, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DRP, SBDD, SARP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SMDO, BANOM, KSH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BOQS, SBLS, SNJE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAKANI, CHMS, PKHI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TXAR, MNTX, TUC, etc.

252

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LSA, LSA, LSA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, CD2, KMI, BR131, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC, KSP, UPC, LEGS, SGO, SSE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAG, SEY, MTE, EVO, BILL, etc.

NEIC 11 17:42:55.3, 17.21N-100.93W, h16km, MD3.7(MEX), After MEX. MEX 11 17:42:55.3-0.9, 17.21N-100.93W, h16km, 8km, MD3.7, Guerrero

IDC 11 17:49:04.9, 1.6, 29.19N-68.91E, mb3.6/8, mb1 3.8/8, mb1mx3.6/24, mbtmp3.6/8, Error ellipse: s-maj=4.1, 3km s-min=24.9km az=49.0

MOS 11 17:49:05.1, 1.1, 29.30N-68.94E, h10km, mb4.0/2, Error ellipse: s-maj=37.8km s-min=14.2km az=83.6

NEIC 11 17:49:06.8, 1.1, 29.33N-68.92E, h10km, mb3.9/2, Error ellipse: s-maj=21.9km s-min=19.0km az=69.0

ISC 11 17:49:06.0, 1.4, 29.31N-102.69E, 2.2, h10km, n14, 10144, mb3.7/9, Pakistan

IDC 11 17:49:47.3, 1.7, 2.95N-128.08E, mb3.7/4, mb1 3.9/4, mb1mx3.6/16, mbtmp3.7/4, Error ellipse: s-maj=156.2km s-min=20.8km az=66.0, Halmahera

IDC 11 18:07:30.1, 3.6, 29.36N-68.79E, mb3.4/4, mb1 3.6/4, mb1mx3.4/22, mbtmp3.4/4, Error ellipse: s-maj=95.6km

11d 19h

s-min=35.4km az=80.0, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include MKAR Makanchi Array, BVAR Borovoy Array, SONM Songoing Array, WRA Warramunga Arr.

NEIC 11 18:19:40.1±0.7, 15.51S:70.29W, h202km, 7km, mb4.3/13, Error ellipse: s-maj=11.6km s-min=6.4km az=64.0

IDC 11 18:19:40.5±1.3, 15.56S:70.24W, h208km, 13km, mb3.8/8, mb1.4/0.10, mb1mx3.7/2.1, mbmp4.3/1.0, Error ellipse:

s-maj=25.4km s-min=11.5km az=72.0

ISC 11 18:19:39.3±0.6, 15.59S-0.06:77.00W, 0.06, h212km, 6km, m4.0, 0.95/4.0, mb4.1/1.7, 1C-1D, Southern Peru

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LPAZ La Paz, NNA Nana, CFAA Coronel Fontan, etc.

MOS 11 19:10:24.3±0.7, 3.78S:77.04W, h33km, mb5.2/23, Error ellipse: s-maj=15.1km s-min=7.4km az=112.5

BUI 11 19:10:31.8, 3.70S:77.00W, h87km, mb5.4, Ms5.5, Msz5.1

HRVD 11 19:10:31.9±0.5, 3.92S:77.12W, h78km, 7km, MW4.8/38, Centroid moment Tensor Solution, LP body waves:

s11,c13; Mantle waves: s38,c57; Half duration: 0 Moment tensor: Scale 10^19Nm; Mrr=1.42e-18; Mth=0.60e-17; Mtt=0.81e-19; Mtr=0.99e-09; Mtr=1.07e-12; Mtr=0.74e-11; Best double couple: M2.03x10^16 Np1^10x329^3; S27^1, -73^3; NP2ax=130^0, 86^4, -98^3; Principal axes: T2.195, P19^9, Azm226^0; N-.335, Plg8^8; Azm133^3; P-1.864, Plg7^0; Azm22^2; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 11 19:10:31.9±0.1, 3.75S:77.00W, mb5.0/107 Error ellipse: s-maj=5.1km s-min=2.9km az=49.0

IDC 11 19:10:32.0±0.6, 3.75S:77.03W, h88km, 4km, mb4.5/27, mb1.4/3.1, mb1mx4.6/3.3, mbmp4.8/3.1, MS3.7/2, Ms1.3/6/2, ms1mx3.0/2.4, Error ellipse: s-maj=17.1km s-min=9.7km az=57.0

ISC 11 19:10:30.3±0.2, 3.78S:0.04:77.08W, 0.04, h87km, h87km, 8km; p-P, n286, 0.673/242, mb4.8/130, 12C-14D, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like NNA Nana, ROSC El Rosal, ARE Arequipa, etc.

2005 NOV

Main station list table for 2005 NOV with columns: S/JG, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like San Juan, CFAA Coronel Fontan, CPUP Villa Flores, etc.

254

Main station list table for 254 with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TCUT Toone Canyon, DUG Dugway, BW06 Boulder Array, etc.

ATH 11 21:18:42.2, 37.27N-20.58E, h12km, 9km, MD3, 7/4
NEIC 11 21:18:42.2, 37.27N-20.58E, h12km, MD3, 7(ATH), After
ATH.
CSEM 11 21:18:42.0, 0.1, 37.15N-20.64E, h60km, MD3, 7, Error
ellipse: s-maj=2.4km s-min=1.6km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLS Valsamata, TMI Ithomi, RLS Rioli of Patr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRG Griva, SOH Sokhos, SSO Sortino, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAE Valguarnera, SKO Skopje, WDD Wield Dalam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC 11 21:35:30.8, 0.5, 27.71S-69.93W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPCH Copiapo, CDCH Caldera, CRCH Chaquara, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMY Miyakejima3, BS03 Boso 3, BS04 Boso 4, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMU Guam, SONM Songoing Arr, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Arr, FITZ Fitzroy Cross, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, KLBRR Kellerberrin, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NAY Naia, NOA NORSTAR B, NVAR Mina Array Be, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FORT Forrest, FITZ Fitzroy Cross, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBA South Base, VNSA Vanda, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, NYAR Mina Array Be, SVAR Syowa Base, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Palca, TXAR Lajitas Arr, PDAR Pineda Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRTR Keskin Arr B, CLC Collim, BRG Berggiesshobel, etc.

NEIC 11 21:57:10.4e, 1.0, 22.15S-179.67W, h584km, 12km, mb4.7/13, Error ellipse: s-maj=15.3km s-min=9.8km

LDG 11 22:48:43.1e, 0.1, 51.57N-6.84E, h1km, M12.6/14, Error ellipse: s-maj=2.2km s-min=1.7km az=43.0, Suspected Mining Induced.

NEIC 11 22:48:44.8,3.7,51.40N,6.66E,h10km,ML2.6(LDG), Error ellipse: s-maj=42.4km s-min=8.2km az=210.0

ISC 11 22:48:40.6,0.4,51.50N,0.02-6.74E,0.04,n35,+1377/5, 2D,Germany

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations like MKAR, SONM, KURK, BRVK, etc.

NEIC 11 23:26:01.6, 16.37N-99.09W, h16km, MD3.6(MEX), After MEX.

MEX 11 23:26:01.6-0.5, 16.37N-99.09W, h16km, 7km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations like PNIG, ACAPULCO, EL CAYACO, etc.

NNC 11 23:27:17.2-2.6, 38.84N-69.33E, h11km, 9km, mpv3.1, 7C, Error ellipse: s-maj=20.2km s-min=15.5km az=119.0

Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations like KK31, KK32, etc.

NIED 11 23:33:00.35, 10N-139.90E, h77km, Mw3.5, Best double couple: M2.14x1014 NP1:218°, 870°, λ.98°. NP2:16°, 821°, λ.69°

JMA 11 23:33:01.5-0.2, 35.07N-139.92E, h94km, 2km, M3.3, JMA Felt J1

NEIC 11 23:33:02.3, 3.5, 34.90N-139.72E, h91km, 12km, mb4.2/3, Error ellipse: s-maj=145.7km s-min=19.3km az=67.0

ISC 11 23:33:05.4, 1.3, 34.84N-139.23E, h101km, 9km, mb3.6/3, mb1.3, 3.0, mb1mx3.3/2.1, mbtmp3.9/3, Error ellipse: s-maj=58.5km s-min=5.7km az=69.0

ISC 11 23:33:01.1-0.5, 35.06N-104.139.92E, 0.05, h98km, 3km, n25, c070/39, mb3.9/6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations like TATJ, JYO, KTR, etc.

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

IDC 11 23:39:57.2-1.5, 2.86N-128.98E, mb3.8/4, mb1 4.0/4, mb1mx3.8/15, mbtmp3.8/4, MS2.9/1, Ms1 2.9/1, ms1mx2.3/25, Error ellipse: s-maj=128.7km s-min=21.7km az=69.0, Halmaera

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

NNC 11 23:45:36.8, 14.0, 34.94N-72.63E, h38km, 361km, mpv3.8, Error ellipse: s-maj=704.8km s-min=158.6km az=111.0

ISC 11 23:45:28.2, 1.2, 34.82N-0.08-73.0E, 0.2, h10km, n7, c1:120/11, 3C-10, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like THN, DLH, DAI, etc.

IDC 11 23:54:53.5, 2.1, 1.36N-96.83E, mb3.9/7, mb1 4.0/7, mb1mx3.8/18, mbtmp3.9/7, Error ellipse: s-maj=87.2km s-min=26.2km az=53.0

NEIC 11 23:54:58.5, 0.9, 1.48N-97.00E, h30km, mb3.9/1, Error ellipse: s-maj=19.4km s-min=15.0km az=213.0

ISC 11 23:54:56.7, 1.3, 1.5N-0.2, 97.0E, 0.2, h130km, n9, c05/19, mb3.9/8, Off west coast of northern Sumatra

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

MOS 12 00:12:06.8, 3.2, 21.62S-176.79W, h33km, mb5.2/15, Error ellipse: s-maj=10.9km s-min=9.2km az=69.4

ORF 12 00:12:16.9, 17.16S-176.49W, h30km, mb5.7

SKO 12 00:12:16.6, 16.25S-178.37W

IDC 12 00:12:17.3, 2.2, 2.1, 86S-176.61W, h146km, 18km, mb4.4/14, mb1 4.6/17, mb1mx4.5/19, mbtmp4.9/17, MS3.1/1, Ms1 3.1/1, ms1mx2.8/27, Error ellipse: s-maj=15.7km s-min=11.9km az=127.0

HRVD 12 00:12:20.8, 1.1, 25.51S-176.50W, h182km, 7km, MW5.0/35, Centroid moment Tensor Solution. LP body waves: s9,c9,Mantle waves: s35,c48; Half duration: 0 Moment tensor: Scale 1016Nm; Mr=1.36t.35; M2=7.1t.30; M3=1.35t.29; M4=0.66t.29; M5=1.12t.24; M6=1.87t.26; Best double couple: M3.27x1016 NP1: 292°, 648°, λ.25°. NP2: 39°, 672°, λ.135°. Principal axes: T 3.295, Plg15°, Azm160°; N -0.51, Plg42°, Azm56°; P -3.244, Plg44°, Azm265°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 00:12:20.8, 0.2, 21.82S-176.60W, h30km, mb4.9/26 Error ellipse: s-maj=8.2km s-min=5.8km az=137.0

BJI 12 00:12:24.8, 20.88S-177.43W, h179km, mb5.0, mb4.9

ISC 12 00:12:19.7, 0.2, 21.93S-0.04-176.66W, 0.06, h182km, h182km, 1.7km, pP-P, n289, c1514/121, mb4.7/37, 39C-28D, Fiji Islands region

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

NIED 11 23:01:00, 43.90N-146.30E, h74km, Mw3.6, Best double couple: M3.28x1014 NP1:253°, 883°, λ.160°. NP2: 6s161°, 870°, λ.8°

JMA 11 23:01:38.9, 0.1, 43.90N-146.29E, h94km, 2km, M3.5, Kuril Islands

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

IDC 11 23:17:58.7, 1.4, 25.39N-92.98E, mb3.7/5, mb1 3.9/5, mb1mx3.6/20, mbtmp3.7/5, MS3.5/1, Ms1 3.5/1, ms1mx2.6/34, Error ellipse: s-maj=51.0km s-min=24.9km az=56.0

NEIC 11 23:18:05.8, 2.6, 25.46N-93.04E, h52km, 21km, mb3.7/4, Error ellipse: s-maj=33.8km s-min=17.3km az=48.0

ISC 11 23:18:05.2, 2.1, 25.4N-0.1-93.1E, 0.2, h67km, 17km, n13, c087/14, mb3.6/9, Northeastern India

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SHL, LSA, BOK, etc.

WEL 11 23:35:46.9, 0.1, 41.41S-175.85E, h12km, ML3.5/13, 1C-1D, Error ellipse: s-maj=1.7km s-min=1.5km az=90.0

North Island

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

WEL 11 23:35:46.9, 0.1, 41.41S-175.85E, h12km, ML3.5/13, 1C-1D, Error ellipse: s-maj=1.7km s-min=1.5km az=90.0

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

RAO 12 00:12:16.9, 17.16S-176.49W, h30km, mb5.7

SKO 12 00:12:16.6, 16.25S-178.37W

IDC 12 00:12:17.3, 2.2, 2.1, 86S-176.61W, h146km, 18km, mb4.4/14, mb1 4.6/17, mb1mx4.5/19, mbtmp4.9/17, MS3.1/1, Ms1 3.1/1, ms1mx2.8/27, Error ellipse: s-maj=15.7km s-min=11.9km az=127.0

HRVD 12 00:12:20.8, 1.1, 25.51S-176.50W, h182km, 7km, MW5.0/35, Centroid moment Tensor Solution. LP body waves: s9,c9,Mantle waves: s35,c48; Half duration: 0 Moment tensor: Scale 1016Nm; Mr=1.36t.35; M2=7.1t.30; M3=1.35t.29; M4=0.66t.29; M5=1.12t.24; M6=1.87t.26; Best double couple: M3.27x1016 NP1: 292°, 648°, λ.25°. NP2: 39°, 672°, λ.135°. Principal axes: T 3.295, Plg15°, Azm160°; N -0.51, Plg42°, Azm56°; P -3.244, Plg44°, Azm265°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 00:12:20.8, 0.2, 21.82S-176.60W, h30km, mb4.9/26 Error ellipse: s-maj=8.2km s-min=5.8km az=137.0

BJI 12 00:12:24.8, 20.88S-177.43W, h179km, mb5.0, mb4.9

ISC 12 00:12:19.7, 0.2, 21.93S-0.04-176.66W, 0.06, h182km, h182km, 1.7km, pP-P, n289, c1514/121, mb4.7/37, 39C-28D, Fiji Islands region

12d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMG Port Moresby, STKA Stephens Creek, ASPA Alice Springs, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like GDL2 McKenzie Canyon, MCMT Dease Lake, DWOW Zelder Array, etc.

260

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRTR comp=2.9,0nm,0.7s, UMJS umm Lajj, OJC Ojow, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like Dalhousie, Karatay Array, Ala-Archa, Sundarnagar, Simla, Kalpa, etc.

NDI 12 01:43:20.0±2.7, 34.70N±72.80E, h10km, MD3.7, ML3.4
NIC 12 01:43:27.1±3.6, 35.42N±72.08E, mpv3.6, Error ellipse:
s-maj=45.8km s-min=26.3km az=113.0
ISC 12 01:43:16.8±1.1, 34.87N±0.07±73.0E±0.2, h10km, n7,
±f138|13, 1C-10, Pakistan

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like Thein Dam, Sundarnagar, Kalpa, Kundal, Ala-Archa, Karatay Array, etc.

IDC 12 01:57:27.1±3.0, 51.42N±177.21W, mb3.87, mb1 3.9/8,
mb1mx3.7/25, mbmp3.9/8, ML3.7/1, Error ellipse:
s-maj=85.4km s-min=24.2km az=2.0
NEIC 12 01:57:28.3, 50.89N±177.15W, h6km, ML3.2(AEIC), After
AEIC.

ISC 12 01:57:28.9±2.0, 50.9N±0.1±177.2W±0.1, h45km±13km, n14,
±059|17, mb3.97, Andreanof Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like Kanaga Island, Great Sitkin T, Ala-Archa, Karatay Array, etc.

BJI 12 02:22:46.3, 24.00S±66.60W, h188km, mb4.9
MOS 12 02:22:46.2±1.3, 23.22S±66.63W, h197km, mb4.9/27,
Error ellipse: s-maj=1.7km s-min=0.6km az=100.6
HRVD 12 02:22:46.3±0.6, 24.08S±66.77W, h216km±6km, MW5.0/37,
Centroid moment tensor Solution. LP body waves:

s9-c10/Mantle waves: s37-c50; Half duration: 0 Moment
tensor: Scale 10^16Nm; Mir-2.66±.24; Mw-0.27±.27;
Mw-2.93±.38; Mw-0.60±.15; Mw-0.29±.24; Mw-1.59±.23;
Best double couple: M3.291±10^16 NP1.±200°, k32°,
1-66°, NP2.±352°, k61°, 1-105°. Principal axes: T 3.355,
Plg15°, Azm92°; N -13, Plg13°, Azm359°; P -3.226,
Plg17°, Azm229°; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 12 02:22:46.3±0.4, 24.03S±66.82W, h188km±4km, mb4.9/2
Error ellipse: s-maj=5.6km s-min=4.1km az=7.0
IDC 12 02:22:46.6±1.1, 24.04S±66.66W, h188km±4km, mb4.4/19,
mb1 4.6/23, mb1mx4.6/24, mbmp5.0/23, MS3.4/1,
Ms1 3.4/1, ms1mx2.7/14, Error ellipse: s-maj=10.5km
s-min=8.4km az=79.0
GUC 12 02:22:47.7±0.8, 24.26S±67.05W, h206km±13km, ML5.7
LDG 12 02:22:51.6±0.6, 23.41S±66.27W, h224km±3km, Mb4.8/13,
Ms3.1/1, Error ellipse: s-maj=18.7km s-min=14.7km
az=54.0
ISC 12 02:22:45.3±0.5, 24.03S±0.03±66.56W±0.04, h192km±4km,
n252, ±02/212, mb4.7/30, 10C-15D, Salta Province

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

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like SPCH, CEN1, ANCH, CPNI, CRCH, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like DBIC, BNM, LPM, ANMO, ANMO, ANMO, etc.

MOS 12 04:14:00.81.1, 37.36N-141.94E, h33km, mb4.4/5, Error ellipse: s-maj=13.6km s-min=11.5km az=103.2
 NIED 12 04:14:00.37.30N,141.80E, h38km, Mw4.0. Best double couple: M1.3x10¹⁵ N1.7x10¹⁵ P1.7x10¹⁵, δ75°, λ105°. NP2:210°, δ21°, λ46°.
 NEIC 12 04:14:01.5, 37.33N-141.83E, h41km, mb4.5/2, Mw4.0(NIED), After JMA.
 NEIC Reordered [1 JMA] in Fukushima and Miyagi Prefectures.
 JMA 12 04:14:01.5, 37.33N, 141.83E, h41km, Mw4.0
 Broadband fault plane solution: P waves. NP1:210°, δ30°, λ46°. NR1:210°, δ60°, λ112°. Principal axes: T: P160°, Azm20°; N: P120°, Azm250°; P: P121°, Azm152°; JMA: Fell 1 J.
 IDC 12 04:14:04.51.9, 37.29N-142.00E, h54km, mb3.8/12, mb1.4/0.15, mb1mx3.9/24, mbtmp4.1/15, ML4.0/3 Error ellipse: s-maj=16.6km s-min=11.2km az=109.0
 JFY 12 04:14:01.6-0.9, 37.33N-141.84E, 0.07, h41km, Mw3.8, n39, c095/53, mb4.1/16, 3C-6D, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
JFK	Kawauchi	0.77	273	Op	P	04 14 16.0	-0.1
JFK	Kawauchi	0.77	273	Op	S	04 14 25.7	-0.9
ONAJ	Iwakimizuishiy	0.86	255	Op	P	04 14 17.2	-0.2
ONAJ	Iwakimizuishiy	0.86	255	Op	S	04 14 28.0	-0.9
JMM	Marumori	0.99	303	Op	P	04 14 18.1	-0.1
JMM	Marumori	0.99	303	Op	S	04 14 21.2	-1.0
JIO	Ouri	1.19	341	Op	P	04 14 21.7	-0.3
JIO	Ouri	1.19	341	Op	S	04 14 35.7	-1.5
JFT	Otama	1.21	279	Op	P	04 14 23.2	+0.9
JFT	Otama	1.21	279	Op	S	04 14 37.6	-0.2
JHO	Hitachi	1.24	335	Op	P	04 14 22.0	-0.8
JHO	Hitachi	1.24	335	Op	S	04 14 26.6	-2.1
JOU	Okura	1.39	318	Op	P	04 14 25.3	+0.3
JOU	Okura	1.39	318	Op	S	04 14 42.5	+0.1
JYS	Shirataka	1.66	303	Op	P	04 14 30.0	+1.2
JMK	Ichinoseki	1.69	343	Op	P	04 14 29.3	+0.9
JFY	Yanaizu	1.70	273	Op	P	04 14 30.1	+0.7
JFY	Yanaizu	1.70	273	Op	S	04 14 51.6	+1.5
MJAR	Matsushiro Arr	3.01	256	P	P	04 14 49.2	+1.1
MJAR	Matsushiro Arr	3.01	256	P	S	04 15 29.2	+5.9
MAJO	Matsushiro	3.01	256	P	P	04 14 49.9	+1.8
MAT	Matsushiro	3.01	256	P	P	04 14 49.5	+1.4
MAT	Matsushiro	3.01	256	P	S	04 15 26.7	+3.4
MAT	Matsushiro	3.01	256	P	P	04 14 50.0	+1.9
MAT	Matsushiro	3.01	256	P	S	04 15 10.0	+0.5
JHU	Hachioji jima 2	4.53	202	P	P	04 16 01.3	-0.3
JHU	Hachioji jima 2	4.53	202	P	S	04 16 01.3	-0.3
ASAJ	Asahikawa	6.80	5	P	P	04 15 40.6	-0.9
ASAJ	Asahikawa	6.80	5	P	S	04 15 40.6	-0.9
ASAJ	Asahikawa	6.80	5	P	P	04 15 58.4	-0.2
ASAJ	Asahikawa	6.80	5	P	S	04 15 58.4	-0.2
ASAJ	Asahikawa	6.80	5	P	P	04 15 40.6	-0.9
ASAJ	Asahikawa	6.80	5	P	S	04 15 40.6	-0.9
ASAJ	Asahikawa	6.80	5	P	P	04 15 58.4	-0.2
ASAJ	Asahikawa	6.80	5	P	S	04 15 58.4	-0.2
BOD	Bodaibo	27.46	327	eP	P	04 19 45.0	-0.6
SOM	Songino Array	27.90	303	P	P	04 19 50.2	+0.4
ZAK	Zakamenski	30.35	308	P	P	04 20 10.3	-1.2
ZAK	Zakamenski	30.35	308	P	S	04 20 10.3	-1.2
TIXI	Tiksi	35.04	353	eP	P	04 20 54.4	+2.3
TIXI	Tiksi	35.04	353	eP	S	04 20 54.4	+2.3
ZAL	Zalesov	39.312	312	P	P	04 21 50.3	+0.3
ZAL	Zalesov	39.312	312	P	S	04 21 50.3	+0.3
MKAN	Makanchi Array	44.25	302	P	P	04 22 08.8	+0.1
MKAN	Makanchi Array	44.25	302	P	S	04 22 08.8	+0.1
KURK	Kurchatov	46.02	308	eP	P	04 22 22.0	-0.7
KURK	Kurchatov	46.02	308	eP	S	04 22 22.0	-0.7
KURK	Kurchatov	46.02	308	eP	P	04 22 22.0	-0.7
KURK	Kurchatov	46.02	308	eP	S	04 22 22.0	-0.7
ILAR	Eielson Array	57.36	33	P	P	04 22 46.6	+0.4
ILAR	Eielson Array	57.36	33	P	S	04 22 46.6	+0.4
INK	Inuvik	53.97	27	P	P	04 23 23.7	+0.5
INK	Inuvik	53.97	27	P	S	04 23 23.7	+0.5
WRAB	Tennant Creek	57.39	188	eP	P	04 23 43.0	-5.5
WRAB	Tennant Creek	57.39	188	eP	S	04 23 43.0	-5.5
WRAB	Tennant Creek	57.39	188	eP	P	04 23 43.0	-5.5
WRAB	Tennant Creek	57.39	188	eP	S	04 23 43.0	-5.5
WRA	Warramunga Arr	57.40	188	eP	P	04 23 47.0	-1.5
WRA	Warramunga Arr	57.40	188	eP	S	04 23 47.1	-1.4
ARCES	ARCCESS Array B	63.84	339	P	P	04 24 31.1	-0.4
ARCES	ARCCESS Array B	63.84	339	P	S	04 24 31.1	-0.4
FINES	FINESSE Array B	68.71	332	P	P	04 25 02.3	-0.3
FINES	FINESSE Array B	68.71	332	P	S	04 25 02.3	-0.3
NOA	NORSAR Array B	74.05	337	P	P	04 25 35.3	+0.9
NOA	NORSAR Array B	74.05	337	P	S	04 25 35.3	+0.9
AKAS	Malin Array Be	74.27	322	P	P	04 25 35.5	-0.4
AKAS	Malin Array Be	74.27	322	P	S	04 25 35.5	-0.4
GERES	GERESS Array B	82.64	328	P	P	04 26 22.0	+0.2
GERES	GERESS Array B	82.64	328	P	S	04 26 22.0	+0.2
GERES	GERESS Array B	82.64	328	P	P	04 26 22.0	+0.2
GERES	GERESS Array B	82.64	328	P	S	04 26 22.0	+0.2
TXAR	Lajitas Array	89.67	53	P	P	04 26 57.5	+0.9
TXAR	Lajitas Array	89.67	53	P	S	04 26 57.5	+0.9
IDC	12 04:31:43.2.4.7, 35.58N-123.48E, h53km, mb3.7/4, mb1.3/6.5, mb1mx3.3/22, mbtmp3.8/5, ML3.0/1, Error ellipse: s-maj=82.0km s-min=28.9km az=29.0 ATH 12 04:31:44.4, 36.04N-23.94E, h18km, ML3.5(ATH), After ATH. NEIC 12 04:31:44.4, 36.04N-23.94E, h18km, ML3.5(ATH), After ATH. CSEM 12 04:31:44.3.0.1, 35.86N-123.87E, h70km, 1km, ML3.5, Error ellipse: s-maj=4.4km s-min=1.5km az=71.0 HLW 12 04:31:45.2, 36.02N-23.20E, h33km, Mb3.5 ISC 12 04:31:44.6.0.4, 35.82N-123.27E, 0.06, h67km, 6km, n37, c122/44, mb3.7/4, 4D, Crete						

BRTR	Keskin Array B	8.72	61	P	P	04 33 53.1	+2.9
GLL	Jalajah	9.15	131	eP	P	04 33 54.6	-1.3
HFRF	Wahat Farafira	9.47	155	eP	P	04 34 00.2	-0.3
HFRF	Wahat Farafira	9.47	155	eP	S	04 34 00.8	-2.5
HNKL	Nakhi	9.67	122	P	P	04 34 33.2	-0.1
HHRG	Al Ghardaqah	11.96	133	P	P	04 34 33.2	-0.1
GERES	GERESS Array B	14.98	333	P	P	04 35 19.7	+6.1
HFS	Hagfors	25.19	348	P	P	04 37 06.1	+1.1
HFS	Hagfors	25.19	348	P	S	04 37 06.1	+1.1
FINES	FINESSE Array B	25.68	33	P	P	04 37 09.2	-0.5
FINES	FINESSE Array B	25.68	33	P	S	04 37 09.2	-0.5
ARCES	ARCCESS Array B	33.78	1	P	P	04 38 20.6	-1.1
ARCES	ARCCESS Array B	33.78	1	P	S	04 38 20.6	-1.1
MKAN	Makanchi Array	44.25	302	P	P	04 39 51.4	+1.7
MKAN	Makanchi Array	44.25	302	P	S	04 39 51.4	+1.7

CASC	12 04:35:26.8.2.4, 13.33N-90.43W, h20km, 20km, MD3.9, 5C-7D, Near coast of Guatemala						
IXG	Ixpaco	0.84	359	Op	P	04 35 43.3	+0.6
IXG	Ixpaco	0.84	359	Op	S	04 35 54.9	+1.3
SBL	San Blas	0.94	57	eP	P	04 35 55.3	+1.1
SBL	San Blas	0.94	57	eP	S	04 35 55.3	+1.1
RTR	El Retiro	0.95	53	eP	P	04 35 55.7	+1.1
RTR	El Retiro	0.95	53	eP	S	04 36 08.6	+1.2
RBDL	Robledal	1.07	43	eP	P	04 36 05.1	+1.5
RBDL	Robledal	1.07	43	eP	S	04 36 17.5	+1.7
PCG	Pacaya	1.08	351	eP	P	04 36 48.9	-0.8
PCG	Pacaya	1.08	351	eP	S	04 36 09.0	+0.7
BOQS	Boqueron	1.19	70	eP	P	04 35 58.9	+1.0
BOQS	Boqueron	1.19	70	eP	S	04 36 14.3	+1.1
LFU	La Fuente	1.35	72	eP	P	04 36 01.4	+1.1
LFU	La Fuente	1.35	72	eP	S	04 36 19.4	+1.1
LBRS	Las Brisas	1.41	73	eP	P	04 36 23.0	+1.3
LBRS	Las Brisas	1.41	73	eP	S	04 36 23.0	+1.3
LCBS	La Ceiba	1.45	77	eP	P	04 36 02.5	+1.0
LCBS	La Ceiba	1.45	77	eP	S	04 36 23.0	+1.3
MTOZ	Montecristo 2	1.49	44	eP	P	04 36 13.5	+2.1
MTOZ	Montecristo 2	1.49	44	eP	S	04 36 33.5	+2.2
SNVI	San Vicente	1.58	79	eP	P	04 36 10.4	+1.0
SNVI	San Vicente	1.58	79	eP	S	04 36 26.0	+1.2
BLLM	Bellamira	2.14	87	eP	P	04 36 12.7	+1.1
BLLM	Bellamira	2.14	87	eP	S	04 36 38.7	+1.0
LEON	Leon	3.57	104	eP	P	04 36 20.4	-2.0
LEON	Leon	3.57	104	eP	S	04 36 48.9	-0.8
MIRN	Miramar	3.75	103	eP	P	04 36 23.5	-1.3
MIRN	Miramar	3.75	103	eP	S	04 36 25.8	-1.6
COPE	Copalpete	3.92	106	eP	P	04 36 25.8	-1.6
COPE	Copalpete	3.92	106	eP	S	04 36 25.8	-1.6

IDC 12 04:51:55.1.0.6, 9.68N-126.36E, mb3.4/3.13, mb1.1/3.13, mb1mx4.2/21, mbtmp4.3/13, MS3.4/2, Ms1 3.4/2, ms1mx3.0/22, Error ellipse: s-maj=36.4km s-min=13.2km az=70.0
 MOS 12 04:51:58.1.0.9, 9.68N-126.45E, h33km, mb4.6/4, Error ellipse: s-maj=34.2km s-min=12.7km az=105.7
 NEIC 12 04:51:58.0.6.1, 9.70N-126.40E, h19km, mb3.7km, mb4.5/5, Error ellipse: s-maj=18.4km s-min=7.2km az=70.0
 MAN 12 04:52:00.7.9.60N-126.35E, h12km, mb5.2, ML4.2, MS4.4
 ISC 12 04:52:00.8.0.8, 9.62N-126.50E, 0.07, h56km, 7km, n51, c095/55, mb4.3/22, MS3.3/2, 2C-4D, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SCPH	Surigao	1.01	279	Op	P	04 52 28.6	-3.8
SCPH	Surigao	1.01	279	Op	S	04 52 18.6	-1.4
BUTP	Butuan	1.08	233	eP	P	04 52 28.9	+0.3
BUTP	Butuan	1.08	233	eP	S	04 52 33.5	-1.1
CGP	Cagayan de Oro	1.22	237	iP	P	04 52 59.5	-0.3
CGP	Cagayan de Oro	1.22	237	iP	S	04 53 02.9	-0.2
PLP	Palo	2.14	316	eP	P	04 53 02.0	+1.8
PLP	Palo	2.14	316	eP	S	04 52 37.1	+1.0
BESP	Borongan	2.23	322	eP	P	04 52 36.1	-0.2
BESP	Borongan	2.23	322	eP	S	04 53 02.8	+0.5
BUKP	Musan	2.24	219	eP	P	04 53 42.0	+0.8
BUKP	Musan	2.24	219	eP	S	04 53 02.8	+0.5
LLP	Lapu-Lapu	2.59	286	eP	P	04 53 07.2	-4.7
LLP	Lapu-Lapu	2.59	286	eP	S	04 52 40.7	-0.7
TBP	Tagbilaran	2.60	272	eP	P	04 52 43.2	+0.8
TBP	Tagbilaran	2.60	272	eP	S	04 52 40.7	-0.7
MAT	Mati	2.67	185	eP	P	04 52 40.7	-0.7
MAT	Mati	2.67	185	eP	S	04 52 40.7	-0.7
DAV	Davao City (W)	2.69	200	P	P	04 52 40.7	-0.7
DAV	Davao City (W)	2.69	200	P	S	04 52 50.5	+0.2
KCP	Kapapagan	2.94	240	eP	P	04 52 50.5	+0.2
KCP	Kapapagan	2.94	240	eP	S	04 52 50.5	+0.2
SNPH	Sibuyan	3.23	285	eP	P	04 53 30.5	+1.6
SNPH	Sibuyan	3.23	285	eP	S	04 53 30.5	+1.6
DCPH	Dipolog City	3.27	252	eP	P	04 52 52.3	-0.2
DCPH	Dipolog City	3.27	252	eP	S	04 52 52.3	-0.2
CNP	Cataman	3.39	328	eP	P	04 52 55.2	

ISC 12 05:30:06.2,0.6,37.28N,0.05,-139.73E,0.07,103km,4km,

n19,-c057/31,mb3.4/4,Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JFY, JSB, JST, etc.

LDG 12 06:02:37.8,0.2,20.58Sx175.56E,h10km,Mb4.8/2, Ms5.0/10, Error ellipse: s-maj=22.0km s-min=7.1km

az=158.0; BJI 12 06:02:38.8,2.1,21.25Sx176.56E,h41km,mb5.3,mb4.9, Ms5.2,Ms4.9

HRVD 12 06:02:38.0,0.2,21.34Sx175.81E,h12km,MW5.4/72, Centroid moment Tensor Solution. LP body waves: s59,c123,Mantle waves: s72,c160; Half duration: 1s3 Moment tensor: Scale 1017Nm; Mw-0.27+-0.02; Mw0-1.02+-0.02; Mw0-1.35+-0.03; Mw0-0.03+-0.06; Mw0-1.12+-0.02; Mw0-0.28+-0.06; Best double couple: Ms1.67x10^17 Np1: 0.293, 682, 177; NP2: 24, 887, 18; Principal axes: T: 1.821, P1g7, Azm249; N: -295, P1g82, Azm43; P: -1.531, P1g4, Azm159; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

NEIC 12 06:02:38.0,0.2,21.35Sx175.87E,mb5.2/34,MS5.0/112 Error ellipse: s-maj=9.0km s-min=5.9km az=148.0

MOS 12 06:02:39.4,1.6,21.41Sx175.81E,h33km,mb5.5/17, MS5.0/19, Error ellipse: s-maj=13.5km s-min=10.8km az=68.1

IDC 12 06:02:43.0,4.5,21.28Sx175.71E,h54km,40km,mb4.3/12, mb1.4/6/14,mb1mx4.6/16,mbtmp4.6/14,ML4.3/2,MS4.8/16, Ms1.4/8/16,ms1mx4.7/21, Error ellipse: s-maj=22.8km s-min=20.1km az=59.0

CSEM 12 06:02:45.8,20.93Sx174.66E,h33km,mb5.6

ISC 12 06:02:36.9,0.2,21.36Sx175.81E,0.05,h20km, h20km,1.4km;pp-P,n311,c1800/148,mb5.0/53,MS5.0/128, 14C-14D,South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DZM, RAO, AF1, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Lists stations like NWAOW, NWAOW, NWAOW, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Lists stations like MAW, MAW, MAW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, LIC Lamto, SUW Suwalki, etc.

NNC 12 06:49:51.9, 5.9, 42.66N, 74.97E, mpv3.1, Error ellipse: s-min=130.8km s-max=23.3km az=167.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBK Karagaybulak, AAK Ala-Archa, etc.

KRSC 12 07:52:39.6, 0.3, 52.60N, 159.26E, h49km, 5km, ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RUS Russkaya, PET Petropavlovsk, etc.

NEIC 12 07:56:13.4, 0.7, 34.74S, 71.85W, h34km, MD3.5(GUC), After GUC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SFDO San Fernando, LNFV Longovilo, etc.

WEL 12 08:11:52.0, 0.1, 41.24S, 172.85E, h151km, 2km, ML3.5/7, 9C-11, Error ellipse: s-maj=1.9km s-min=1.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QRZ Quartz Range, CAW CAW, etc.

IDC 12 08:11:37.9, 1.0, 4.86N, 95.45E, mb4.0/11, mb1.4/21, mb1mx4.0/20, mbtmp4.0/11, Error ellipse: s-maj=50.9km s-min=17.6km az=50.0

MOS 12 08:11:40.8, 0.9, 4.90N, 95.57E, h39km, mb4.4/1, Error ellipse: s-maj=37.5km s-min=15.6km az=117.5

NEIC 12 08:11:42.0, 0.7, 4.69N, 95.17E, h30km, mb4.2/1, Error ellipse: s-maj=24.7km s-min=10.7km az=218.0

ISC 12 08:11:40.7, 0.4, 6.1N, 101.95E, 2.0, h33km, n24, c1512/21, mb4.1/16, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KULM Kulim, JURN Jurin, etc.

MOS 12 08:19:52.3, 0.8, 5.18S, 145.57E, h80km, mb4.9/18, Error ellipse: s-maj=12.7km s-min=6.9km az=96.0

M1 4.3/11, m1mx4.1/15 Error ellipse: s-maj=13.8km s-min=8.1km az=83.0

NEIC 12 08:19:55.2, 0.2, 5.23S, 145.64E, mb5.1/31, Error ellipse: s-maj=7.4km s-min=4.5km az=85.0

CSEM 12 08:19:56.1, 5.47S, 145.82E, h130km, mb5.5

ISC 12 08:19:54.0, 0.2, 5.28S, 145.66E, 0.05, h95km, h95km6.1, 1.6km, pp-P, n153, c09/151, mb5.0/58, 11C-16D, Eastern New Guinea region

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

IDC 12 08:19:52.3, 0.8, 5.18S, 145.57E, h80km, mb4.9/18, Error ellipse: s-maj=12.7km s-min=6.9km az=96.0

BJI 12 08:19:53.8, 5.05S, 145.98E, h97km, mb2.5, mb5.2

HRVD 12 08:19:55.2, 0.2, 5.25S, 145.63E, h99km, 1km, MW5.3/73, Centroid moment Tensor Solution. LP body waves:

s60 c106/Mantle waves: s73 c151; Half duration: 1s1 Moment tensor: Scale 10^17Nm; Mrr=0.91±.02;

Mrr=1.06±.02; Mθθ=0.15±.02; Mφφ=0.55±.02; Mθφ=0.01±.02; Mφθ=0.15±.02; Best double couple: M0.138x10^17 NP1;

φs261°, φs11°, λ-105°, NP2φs99°, φs80°, λ-81°. Principal axes: T 1.204, P1g15°, Azm182°; N-133, P1g8°, Azm274°;

P-1.071, P1g73°, Azm31°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

IDC 12 08:19:55.1, 0.5, 3.6S, 145.49E, h98km, 4km, mb4.7/13, mb1.4/8/17, mb1mx4.8/18, mbtmp5.1/17, MS4.3/11,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WRAB Wannan Arr, etc.

Table with columns: TUP, Tupik, Time, Res, Pn, Pmax, etc. Includes stations like Tynda, Bodaibo, Severomuyksk, Uakit, Kirovskiy, Uoyan, Zeya, Ulyunkhan, Yakutsk, Chita, Suvo, Khapcheranga.

ISC 12 13:09:06.4-0.9, 39.66N.0.05>29.47E.0.05, h0km, g8km, n6, o099/12, Turkey
Code Station Name Az Phase ID Op ISC Time Res h m s ISC

IDC 12 13:14:14.5-0.5, 1.06N-97.36E, mb4.6/24, mb1.4/6/24, mb1mx4.6/26, mb1mp4.6/24, MS4.3/13, Ms1.4/3/13
ms1mx4.0/19, Error ellipse: s-maj=16.7km s-min=12.2km az=51.0

BUI 12 13:14:16.5, 0.87N-97.61E, h32km, mb5.1, mb5.0, Ms4.8, Ms4.7
MOS 12 13:14:18.1-1.2, 1.18N-97.49E, h33km, mb5.0/27, MS4.4/8, Error ellipse: s-maj=12.7km s-min=6.5km az=109.2

NEIC 12 13:14:18.8-0.3, 1.03N-97.38E, mb4.8/26, Error ellipse: s-maj=7.7km s-min=5.7km az=222.0
ISC 12 13:14:17.0-0.3, 1.07N.0.04>97.43E.0.04, h27km, h27km, 1.3km; P-P, n144, o117/1147, mb4.8/74, MS4.4/29, 13C-1D, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kulim, Songkhla, Kuching, Nakhon Sawan, Chiang Mai, Chiangrai, Kota Kinabalu, Vishakhapatnam, Qiongzong, Trivandrum, Kunming, Warramunga Arr, Tennant Creek, Dalian.

Main table with columns: KMI, Time, Res, Pn, Pmax, etc. Includes stations like Kunming, Hyderabad, Shillong, Bokaro, Bilaspur, Guiyang, Pulchoki, Gumbha, Kakani, Lhasa, Gorkha, Koldanda, Chengdu, Enshi, Fitzroy Crossi, Fitzroy Crossi, Xi'an, Lanzhou, Sheshan, Gaotai, Akbulak Arr, Warramunga Arr, Tennant Creek, Dalian.

Table with columns: DL2, Time, Res, Pn, Pmax, etc. Includes stations like Nakatsue, Wunju Array Si, Uchtor, Tokmak 2, Karagaybulak, Almayashu, Ala-Archa, Erkin-Say, Oshpennykva, Shenyang, Songino Array, Makanchi Array, Karatay Array, Changchun, Port Moresby, Matushiro Arr, Hailar, Hailar, Mudanjiang, Kurchatov, Kurchatov, Charters Tower, Charters Tower, Chita, Ambidratompo, Stephens Creek, Stephens Creek, Zalesovo, Zalesovo, Nvs, Nvs, Vostochynaya, Vostochynaya, Borovoye Arr, Borovoye Arr, Borovoye, Borovoye, Chkalovo, Chkalovo, Akbulak Arr, Akbulak Arr, Bodaibo, Bodaibo, Aktyubinsk, Kiliima Mboogo, Kiliima Mboogo, Yuzh-Sakhalins, Yuzh-Sakhalins, Warramunga Arr, Sverldovsk, Sverldovsk, Tsey, Tsey.

Table with columns: ARU, Arti, 63.40 337, P, 13 24 45.2 -1.2, etc. Includes stations like Warramunga Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like Urewera, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like Urewera, Kurchatov, etc.

Table with columns: CTA, Charters Tower, 33.38 272, P, 13 32 13.1 -1.3, etc. Includes stations like Warramunga Arr, NOA, AKASA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like Urewera, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like ACX, ACX, El Cayaco, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like KK31, AAK, AB31, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like FX1, FX1, FX1, etc.

Table with columns: MKAR, Makanchi Array, 61.40 310, P, 14 21 27.7 -2.2, etc. Includes stations like MAW, LBTB, BOSHA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like KULM, WRA, SOMN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like KULM, KSM, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like KULM, KSM, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like BYKL, CHA, etc.

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

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

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

Table with columns: YLYR, Ulyunkhan, 5.97 249 eSg, Sg, 15 56 37.1 -14, etc.

NEIC 12 16:03:17.9, 42.32N; 7.90W, h23km, MN2.5(MDD), After MDD

CSEM 12 16:03:17.70.0.1, 42.33N; 7.89W, h24km, ML2.5/3, Error ellipse: s-maj=3.4km s-min=2.8km az=85.0

INMG 12 16:03:18.0.1.1, 42.33N; 7.90W, h21km, 3km, ML2.4, Error ellipse: s-maj=1.9km s-min=1.5km az=71.0

MDD 12 16:03:17.9.0.2, 42.33N; 7.90W, h22km, 1km, mbLg2.5/14, 4C-1D, Error ellipse: s-maj=2.6km s-min=2.0km az=158.0, PRXIMO, Spain

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

Table with columns: ESDC, Pg, Pn, 16 04 25.0 +5.7, etc.

KRSC 12 16:10:45.4; 0.6, 55.78N; 164.49E, h8km, 3km, ML3.9, Komandorsky Islands region

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

DC 12 16:12:35.0; 2.0, 6.21S; 130.11E, mb3.9/2, mb1 4 1/4, mb1mx2.8/13, mb1mp3.9/4, ML4.1/2, Error ellipse: s-maj=7.7km s-min=30.8km az=81.0

NEIC 12 16:12:50.2; 0.8, 6.83S; 129.83E, h150km, mb4.3/2, Error ellipse: s-maj=33.8km s-min=10.2km az=76.0

ISC 12 16:12:54.8; 3.1, 7.15S; 0.1, 129.8E.0.1, h224km, 34km, n9, o540/13, mb3.6/2, Banda Sea

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

NIED 12 16:46:00, 45.30N, 149.30E, h53km, Mw3.8 Best double couple: MA: 79x10^14 NP1: 324°, 367°, 251°. NP2: 209°, 644°, 147°. Kuril Islands

ISK 12 16:52:42.6, 38.71N; 26.48E, h15km, MD3.1

NEIC 12 16:52:42.0, 38.71N; 26.48E, h15km, MD3.4(ATH), MD3.1(ISK), After ISK

ATH 12 16:52:43.3, 38.76N; 26.52E, h25km, 3km, MD3.4/3

CSEM 12 16:52:43.6; 0.1, 38.72N; 26.58E, h7km, 1km, MD3.4, Error ellipse: s-maj=2.7km s-min=1.2km az=62.0

ISC 12 16:52:42.0; 0.7, 38.71N; 0.03, 26.43E.0.05, h6km, 5km, n27, o598/39, 1C, Aegean Sea

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

Table with columns: MANT, LPK, Lapseki, 1.69 9 ePN, Sn, 16 53 34.8 +0.1, etc.

NAO 12 17:01:33.9; 2.9, 68.96N; 17.91W

CSEM 12 17:01:34.7, 68.83N; 17.89W, h10km, mb5.0

MOS 12 17:01:35.9; 1.0, 68.97N; 17.08W, h10km, mb4.9/24, MS4.3/28, Error ellipse: s-maj=15.2km s-min=6.9km az=108.4

BLL 12 17:01:36.4; 69.15N; 16.37W, h5km, mb5.4, mb4.6, Ms5.2, Ms2.7

IDC 12 17:01:36.2; 0.5, 68.92N; 17.15W, mb4.1/16, mb1 4.3/23, mb1mx4.2/30, mbmp4.1/23, ML4.0/6, MS4.3/31, Ms1 4.3/31, ms1mx4.3/33, Error ellipse: s-maj=17.5km s-min=10.7km az=23.0

HRVD 12 17:01:37.3; 0.2, 68.97N; 17.05W, h17km, 1km, MW5.1/68, Centroid moment Tensor Solution. LP body waves: s34, cs4; Mantle laves: s68, c135; Half duration: 0

Moment tensor: Scale 10^16Nm; M1-1.94; 17; M2-1.22; 16; M3-0.17; 13; M4-1.45; 37; M5-5.29; 14; M6-0.46; 34; Best double couple: M5.593; 10; NP1: 0; 88; 374; 178; NP2: 85; 88; 1; 16; Principal axes: T: 6.62, P: 9.99, N: 2.048, P: 7.4, Azm: 267; P-4.567, P: 13.7; Azm: 49; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 17:01:37.3; 0.2, 68.98N; 17.18W, h10km, mb4.9/59, MS4.4/77, Error ellipse: s-maj=5.9km s-min=3.9km az=47.0

REY 12 17:01:38.9, 68.60N; 16.74W, h10km, ML4.7, ML4.4

SKO 12 17:01:47.9, 66.79N; 18.40W

ISC 12 17:01:35.4; 0.2, 68.78N; 0.02, 17.40W; 0.08, h10km, (h20km, 3km; p-P), n296, p1525/301, mb4.7/86, MS4.3/39, 20C-5D, Iceland region

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

IADA Aaalbot 3.84 168 P Pn 17 02 34.9 -1.1

IADL IADL 3.89 170 P Pn 17 02 31.7 -0.1

IHVA Hvanntoosfjol 3.89 170 S Pn 17 02 35.4 -1.2

IHVA HVA 3.89 170 S Pn 17 02 31.9 -1.0

IGLU Glumstadir 3.92 165 P Pn 17 02 35.6 -1.5

IGLU IGLU 3.92 165 S Pn 17 02 32.1 -1.6

IBRU Buarfjallur 4.00 172 P Pn 17 02 37.2 -1.0

IHVE Hverfjallur 4.02 193 P Pn 17 02 39.5 -1.5

IVSH V-Sauochnukur 4.04 170 P Pn 17 02 37.6 -1.2

IVSH IVSH 4.04 170 S Pn 17 03 25.7 -1.1

ISKR Skrokkaalda 4.26 186 P Pn 17 02 43.1 +1.2

ISKR ISKR 4.26 186 S Pn 17 03 32.9 +0.7

BORG Borg 4.34 203 P Sn 17 02 44.2 +1.2

BORG BORG 4.34 203 Sn 17 03 39.0 +4.7

BORG BORG 4.34 203 Sn 17 04 00.2

BORG Borgarnes 4.34 203 ePn Pn 17 02 44.6 +1.6

BORG BORG 4.34 203 ePb Pn 17 02 54.9 +3.4

BORG BORG 4.34 203 ePn Pn 17 03 49.5 +5.2

IGRF Grimsfjall 4.39 179 P Pn 17 02 45.4 +1.6

IBRU Brattahlíð 7.92 308 ePn Pn 17 03 16.1 -1.9

SUMG SUMG 8.04 358 eSn Sn 17 04 59.9 -4.2

DAG Danmarks Hav 8.04 358 eP P 17 03 35.3 +0.1

DAG Danmarks Hav 8.04 358 eP P 17 03 35.3 +0.1

DAG Danmarks Hav 8.04 358 eP P 17 03 35.3 +0.1

SFJD Kangerlussuaq 12.55 278 P P 17 04 36.8 +0.2

SFJD Kangerlussuaq 12.55 278 P P 17 04 36.8 +0.2

SFJD Kangerlussuaq 12.55 278 P P 17 04 36.8 +0.2

KBS Kingsbay 12.80 25 Pn P 17 04 36.7 -3.3

KBS Kingsbay 12.80 25 Pn P 17 06 50.3 -13

KBS Kingsbay 12.80 25 ePn P 17 04 36.4 -3.6

APA	comp=Z,150nm,1.5s		pmax	pmax	
APA	comp=Z,2,2um,14.0s		MLR	MLR	
LVZ	Lovozero	18.77	68	i P	17 05 48.0 -8.4
LVZ	comp=N,33nm,1.4s		pmax	pmax	
LVZ	comp=Z,66nm,1.4s		pmax	pmax	
LVZ	comp=E,43nm,1.5s		MLR	MLR	
LVZ	comp=Z,956nm,15.0s		MLR	MLR	
LVZ	comp=N,35nm,13.0s		MLR	MLR	
KAF	comp=E,571nm,15.0s	18.96	89	ep	17 05 57.4 -1.3
KAF	Kangasniemi	18.96	89	ep	17 05 57.4 -1.3
KAF	comp=E,13nm,0.9s		pmax	pmax	
KAF	Kangasniemi	18.96	89	ep	17 05 57.4 -1.3
FAIO	comp=Z,13nm,0.9s	19.31	91	P	17 06 01.9 -1.0
FAIO	FINESS Array S	19.31	91	P	17 06 01.9 -1.0
FINES	FINESS Array B	19.31	91	P	17 06 02.1 -0.7
FINES	comp=Z,0.9nm,0.3s,baz=321,slow=9.3,SNR=32		LR	LR	17 12 33.7
FINES	comp=Z,562nm,18.6s,baz=311,slow=34		LR	LR	17 06 02.2 -0.7
FINES	FINESS Array B	19.31	91	P	17 06 02.2 -0.7
FINES	comp=Z,1.0nm,0.3s		pmax	pmax	
FINES	comp=Z,562nm,18.6s		MLR	MLR	
JOF	Joensuu	20.27	83	ep	17 06 11.4 -2.1
JOF	Joensuu	20.27	83	ep	17 06 11.4 -2.1
JOF	comp=Z,12nm,0.8s		pmax	pmax	
WTSB	Winterswijk	20.42	133	ep	17 06 12.6 -2.4
FRB	Frobisher Bay	20.65	281	P	17 06 17.6 +0.3
FRB	comp=Z,27nm,0.9s,baz=79,slow=9.4,SNR=5.2		LR	LR	17 13 04.5
FRB	comp=Z,686nm,20.1s,MS4.0,baz=55,slow=33		LR	LR	17 06 17.6 +0.2
FRB	Frobisher Bay	20.65	281	P	17 06 17.6 +0.2
FRB	comp=Z,27nm,0.9s		MLR	MLR	
FRB	comp=Z,686nm,20.1s		MLR	MLR	
HGN	Heimansgroeve	21.29	136	ep	17 06 24.2 +0.2
HGN	comp=Z,12nm,1.2s,msb5.2		eS	S	17 10 25.1 +1.0
CLZ	Clausthal	21.52	128	ep	17 06 26.2 -0.1
CLZ	comp=Z,37nm,1.2s,msb4.7		ep	P	17 06 26.2 -0.1
CLZ	Clausthal	21.52	128	ep	17 06 26.2 -0.1
BAIF	Baives	21.52	140	ep	17 06 25.8 -0.6
YSU	Vasula	21.62	96	ep	17 06 26.2 -1.0
YSU	Vasula	21.62	96	ep	17 06 26.2 -1.0
GIVF	Viset	21.63	139	ep	17 06 27.0 -0.4
ROSF	Rostreren	21.67	154	ep	17 06 28.0 +0.1
FLN	La Foliniere	21.75	149	ep	17 06 27.9 -0.8
FLN	comp=Z,50nm,0.9s,mb4.7		er		
SGMP	Saint Gilles	21.87	153	ep	17 06 29.6 -0.3
RUE	Ruedersdorf	21.97	122	ep	17 06 30.9 0.0
RUE	Ruedersdorf	21.97	122	ep	17 06 30.9 0.0
RUE	comp=Z,40nm,1.0s,mb4.8		ep	P	17 06 30.7 -0.3
LDF	La Druitiere	21.98	148	ep	17 06 31.2 -0.4
GRR	Gorron	22.04	150	ep	17 06 32.2 0.0
QUIF	Quisthal	22.10	154	ep	17 06 35.8 +1.1
WLF	Walfardange	22.36	137	ep	17 06 36.1 +0.6
TNS	Taunus Mts	22.44	133	ep	17 06 36.1 +0.6
TNS	comp=Z,68nm,1.6s,mb4.8		pmax	pmax	
TNS	Taunus Mts	22.44	133	ep	17 06 36.1 +0.6
ABH	Alteburg	22.51	135	ep	17 06 37.9 +1.8
CLL	Collm	22.76	125	ep	17 06 38.8 +0.3
CLL	comp=Z,LogA/T=1.8,msb5.0		eS	PP	17 06 55.0 -1.2
CLL	Collm	22.76	125	ep	17 06 55.0 -1.2
CLL	comp=Z,106nm,1.6s,msb5.0		ep	PP	17 10 48.0 +5.5
CLL	Collm	22.76	125	ep	17 06 38.8 +0.3
CLL	comp=Z,106nm,1.6s,msb5.0		pmax	pmax	
MOX	Moxa	22.94	128	i P	17 06 41.5 +1.2
MOX	comp=Z,LogA/T=1.7,mb4.9		L	P	17 17 32.0
MOX	Moxa	22.94	128	ep	17 06 41.5 +1.2
MOX	comp=Z,88nm,1.9s,mb4.3		LR	LR	17 06 41.5 +1.2
MOX	Moxa	22.94	128	ep	17 06 41.5 +1.2
MOX	comp=Z,88nm,1.9s,mb4.3		pmax	pmax	
MOX	Moxa	22.94	128	ep	17 06 41.5 +1.2
MOX	comp=Z,88nm,1.9s,mb4.3		MLR	MLR	
MOX	Moxa	22.94	128	ep	17 06 41.5 +1.2
MOX	comp=Z,88nm,1.9s,mb4.3		MLR	MLR	
TOD	Tromm	23.10	133	ep	17 06 45.2 +3.4
MEZF	Matieres J'vi	23.18	140	ep	17 06 42.4 -0.2
LANF	Langenberg	23.41	135	ep	17 06 44.7 -0.1
BRG	Bergsiesshubel	23.42	124	ep	17 06 46.7 +1.8
BRG	Bergsiesshubel	23.42	124	ep	17 06 46.7 +1.8
BRG	comp=Z,65nm,1.7s,mb4.8		pmax	pmax	
BRG	Bergsiesshubel	23.42	124	ep	17 06 46.7 +1.8
NKC	Novy Kostel	23.55	127	ep	17 06 46.8 +0.6
THEF	They Montfort	23.66	139	ep	17 06 49.0 +1.8
GRA1	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRA1	comp=Z,185nm,1.8s,msb5.2		LR	LR	
GRA1	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRA1	comp=Z,900nm,21.9s,MS4.2		LR	LR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		LR	LR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,185nm,1.8s,msb5.2		MLR	MLR	
GRF	Grafenberg Arr	23.68	129	ep	17 06 49.3 +1.8
GRF	comp=Z,900nm,21.9s,MS4.2		MLR	MLR	</

12d 18h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, MKAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

2005 NOV

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WBA Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

CSEM 12 17:06:16.1, 68.55N-18.82W, h6km, ML3.8, After REY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IGRI Grimsey, ILEI Leirhofn, IHED Heioinshofni, etc.

ISC 12 17:14:51.2, 37.12N-36.35E, h18km, MD3.8

NEIC 12 17:14:51.0, 37.11N-36.34E, h21km, ML3.9(ISK), After ISK

CSEM 12 17:14:51.0, 37.12N-36.34E, h5km, MD3.8, Error ellipse: s-maj=1.4km s-min=1.2km az=73.0

ISC 12 17:14:50.6, 37.24N-02.36E, h2km, q4km, n58, e15176, 7D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CEYT Ceyhan, KAHT Ahr Dag, DRWC Darouich, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BHL Bhannes, KDHN Kadinhani, MARD Mardin, etc.

CASC 12 17:42:55.3±1.8, 12.94N-89.77W, h8km±18km, MD3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SBL San Blas, BOQS Boqueron, RTR El Retiro, etc.

NDI 12 18:10:14.8±4.1, 33.80N-75.51E, h10km, MD3.0, ML3.0

NINC 12 18:10:29.6±6.6, 34.34N-74.84E, Error ellipse: s-maj=41.1km s-min=76.7km az=70.0

ISC 12 18:10:17.7±1.2, 33.59N-0.06±75.3E±0.1, h45km, 32km, n10, e1903/17, 1C-1D, Eastern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DLH Dalhousie, THN Thein Dam, BHN Bhakra, etc.

NEIC 12 18:23:14.0±5.3, 18.20S-177.56W, h340km, 50km, mb4.6/7, Error ellipse: s-maj=27.1km s-min=21.1km az=149.0

IDC 12 18:23:41.6±2.8, 18.64S-177.95W, h69km, 34km, mb3.4/7, mb1.3/6.8, mb1mx3.5/14, mbtmp4.4/8, Error ellipse: s-maj=101.0km s-min=14.7km az=152.0

ISC 12 18:23:34.7±0.5, 18.65S-0.1±177.7W±0.1, h600km, n70, e092/31, mb4.3/13, 3C-5D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, CNB Canberra Magne, etc.

12d 19h

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like XAN, MAW, HHC, YAK, INK, KMI, CD2, PLCA, LZH, ARU, ARCES, AKTO, OPO, SUR, BOS, OB, NOA, LB, KIV, MATP, and AKASG.

2005 NOV

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like XAN, MAW, HHC, YAK, INK, KMI, CD2, PLCA, LZH, ARU, ARCES, AKTO, OPO, SUR, BOS, OB, NOA, LB, KIV, MATP, and AKASG.

280

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes entries like OHR, HRC, VINC, ROB, FIN, ENR, MAIM, RORO, LONE, LASF, SMRF, SBF, FRF, LMR, EPF, PGF, ESDC, ZUR, SULZ, FLD, WIL, WIN, SIB, BOUR, BIAL, LIB, SPA, and SPK.

Table with columns: Club, SNR, Date, Time, Location, and other details. Includes entries for SPAK Spaichingen, Mof Molkenrain, HASLI Hasliberg, etc.

Table with columns: Club, SNR, Date, Time, Location, and other details. Includes entries for SALAN Lac Salanfe, GIMEL Gimel, THEF They Montfort, etc.

Table with columns: Club, SNR, Date, Time, Location, and other details. Includes entries for WTTA Wattenberg, WTTA Wattenberg, WTTA Wattenberg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPM Iphoh, KULM Kulim, KGM Kluang, etc.

MAN 12:20:28.33.7, 12.45N-123.65E, h1km, mb4.9, ML3.9, MS3.9

MAN MASBATE - INTENSITY II

ISC 12:20:28.34.6, 1.2, 12.14N-123.54E, mb3.9/5, mb1 4.1/6, mb1mx3.9/19, mbtmp4.0/6, MS3.7/1, MS3.4/3, MS1 3.4/3, ms1mx3.1/27, Error ellipse: s-maj=82.4km s-min=18.2km

ISC 12:20:28.35.8-0.5, 12.42N-0.03, 123.64E-0.03, h18km, 5km, n36, r104/41, mb3.9/5, MS3.3/2, Ck, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMPH Masbate, CNP Catarman, RCP Roxas, etc.

BJI 12:20:34:35.3, 1.05N-98.98E, h30km, mb4.9, mb4.6, Ms4.9, Msz4.6

ISC 12:20:34:36.7-0.5, 1.69N-99.24E, mb4.4/19, mb1 4.5/19, mb1mx4.4/22, mbtmp4.4/19, MS4.2/9, Ms1 4.2/9, ms1mx4.0/18, Error ellipse: s-maj=22.1km s-min=12.1km

az=57.0

2005 NOV

MOS 12:20:34:39.9, 1.2, 1.77N-99.28E, h33km, mb4.9/19, MS4.4/8, Error ellipse: s-maj=16.0km s-min=7.9km

NEIC 12:20:34:41.1, 0.3, 1.66N-99.18E, h30km, mb4.7/23, Error ellipse: s-maj=10.7km s-min=7.1km az=60.0

ISC 12:20:34:39.2-1.5, 1.62N, 0.04, 99.12E-0.05, h27km, 10km, h32km, 3.1km, pP, n121, r122/125, mb4.6/50, MS4.5/25, 4C-3D, Northern Sumatra

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPM Iphoh, KULM Kulim, KGM Kluang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA Kakadu, MUN Munding, KLBR Kellerberrin, etc.

Table with columns: KK31, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes entries for Kiratay Array, Koldana, and Kiratay Array.

IDC 12 22:34:38.4, 4.8, 34.93N; 73.96E, mb3.8/3, mb1 3.8/6, mb1mx3.6/22, mbmp3.8/6, ML3.6/3, Error ellipse: s-maj=78.4km s-min=36.0km az=1.0

NNC 12 22:34:46.6, 4.4, 35.20N; 72.68E, h22km, 80km, mpv3.7, Error ellipse: s-maj=79.9km s-min=26.0km az=173.0

ISC 12 22:34:41.9, 0.6, 34.85N; 0.05, 74.06E, 0.06, h71km, 15km, n26, r1938/39, mb3.6/2, 4C-2D, Southwestern Kashmir

Main table for 12d 22h section, listing station names, coordinates, and seismic data for various stations like CHCP, CEP, THN, etc.

BUJ 12 22:38:39.0, 1.19N; 97.36E, h26km, mb5.0, mb5.0, Ms4.7, Ms4.4

MOS 12 22:38:40.7, 0.9, 1.40N; 97.28E, h33km, mb5.1/20, Ms4.4/4, Error ellipse: s-maj=15.3km s-min=7.1km az=107.3

NEIC 12 22:38:40.9, 0.3, 1.29N; 97.13E, mb4.8/20, Error ellipse: s-maj=9.1km s-min=6.3km az=213.0

IDC 12 22:38:40.7, 0.6, 1.29N; 97.08E, h21km, 3km, mb4.6/18, mb1 4.7/18, mb1mx4.5/22, mbmp4.7/18, Ms4.1/6, Ms1.4/1.6, ms1mx3.6/24, Error ellipse: s-maj=21.7km s-min=11.1km az=51.0

ISC 12 22:38:39.4, 0.3, 1.33N; 0.05, 97.18E, 0.4, h23km, h23km, 1.1km; pP, n137, r1804/143, mb4.9/63, Ms4.3/15, 12C-5D, Northern Sumatra

Main table for 12d 22h section, listing station names, coordinates, and seismic data for various stations like IPM, KULM, KGM, etc.

Main table for 2005 NOV section, listing station names, coordinates, and seismic data for various stations like SHL, PKI, GUN, DMN, etc.

Main table for 286 section, listing station names, coordinates, and seismic data for various stations like AAK, EKS2, USP, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KMBO Kilima Mbogo, LSZ Lusaka, BOSA Boshof, BOSA Bosha, MKAR Makanchi Array, etc.

NNC 13 03:16:09.54.20.34.98N.72.91E, h87km, 460km, mpv3.6, Error ellipse: s-maj=372.8km s-min=218.9km az=95.0

NDI 13 03:16:12.4.2.9.33.69N.72.73E, h5km, MD3.4, ML3.2

ISC 13 03:00:51.4.34.90N-0.09:73.1E-0.2, h10km, n6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include THN Thein Dam, DLH Dalhousie, KLP Kalpa, etc.

BUI 13 03:39:30.5.20.55S-178.49W, h527km, mB4.7, mb4.6

MOS 13 03:39:31.4.3.1.20.60S; 178.76W, h507km, mB4.5/1,

NEIC 13 03:39:31.1.0.20.55S; 178.60W, h527km, 1.2km,

mb4.5/1.0, Error ellipse: s-maj=9.8km s-min=9.8km

IDC 13 03:39:39.6.2.1.20.87S-178.74W, h629km, 26km, mb3.7/9,

mb1.3.9/11, mb1mx3.7/16, mbmp4.7/11, Error ellipse:

s-maj=22.9km s-min=13.4km az=161.0

ISC 13 03:29:6.1.1.20.61S; 0.08:178.62W, h0.08,

h512km, 14km, n118, of8/86/49, mb4.3/21, 8C-10D, Fiji

Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include RAO Raoul Island, AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include HHC Hu-ho-hao-te, BW06 Boulder Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JACH Jahuel, PEL Peldehue, FCH Fanelones, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW, ILAR, VNA3, VNA2, VNA1, MKAR, ARCES, FINES, AKASG, BRTR, GERE, HAU, CABF, FLN, LDF, SSF, GRR, LPL, LPGA, SMF, AVF, SGMF, MBDF, ORIF, TCF, VIVF, MFF, EPF.

ATH 13 06:03:04.5, 38.83N-21.31E, h12km, 5km, MD3.3/5
NEIC 13 06:03:04.5, 38.83N-21.31E, h12km, MD3.3(ATH), After

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EVR, RLS, AGG, VLS, JAN, LKR, NEO, XOR, ITM, KEK, FNA, BIA, GRI, OHR, OHR, OHR, VAY, VAY.

MOS 13 06:21:38.0, 6.0, 42.74N, 138.72E, h237km, mb3.9/1, Error
NEIC 13 06:21:38.0, 6.0, 42.74N, 138.72E, h237km, 15km, mb3.9/2, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOSH, JSH, JYM2, JYM2, JNSK, JNB, JKB, JEW, JOT, JHR, JFR, JNBK, JANG, JJK2, ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, JCH, JAR, JAR, JOM, JOM, JTRK, JYK, YSS, YSS, YSS, MAJO, MAT, MAT, MJAR, SONM, BILL, BILL, ZAL, MKAR, BRVK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR, INK, INK, INK, YKA.

IDC 13 06:36:54.6, 0.6, 11.22S, 117.36E, mb4.4/10, mb1 4.5/11,
MOS 13 06:36:57.3, 1.1, 11.19S, 117.47E, h33km, mb4.9/10, Error

1C-4D, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ, FITZ, FITZ, FITZ, WRA, WRA, WRAB, WRAB, WRAB, WRAB, WB2, ASPA, ASPA, KLRB, KLRB, MUN, NWAO, NWAO, NWAO, FORT, KULM, CTA, STKA, SHL, JIRN, PUN, GKI, GKN, KOLN, MJAR, POO, GTA, GTA, GTA, GTA, GTA, SONM, MKAR, MKAR, MKAR, AAK, AAK, AAK, AAK, MVA, KURK, KURK, ZAL, SBA, NVS, NVS, NVS, BVAO, BVAO, CHKZ, CHKZ, CHKZ, CHKZ, AB31, AB31, GSPA, KMBO, TIXI, TIXI, TIXI, LSZ, LSZ, BOSB, BOSB, SNAA, SNAA, SNAA, SNAA, VNA2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA2, VNA2, VNA2, VNA3, VNA3, VNA3, VNA1, VNA1, VNA1, BRTR, YKA, NVAR, TXAR, JCT, WWT, SWET, LRLA, BDFB, LPAZ.

ISK 13 06:44:37.2, 38.12N-26.65E, h12km, MD3.1
CSEM 13 06:44:37.2, 38.12N-26.65E, h14km, MD3.1, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URLA, URLA, BLCB, SMG, IZM, IZM, KRK, PRK, AYVA, AYVA, AKS, AYDN, AYDN, BODR, BODR, APE, APE, APE, MANT, MANT, YER, YER, BALB, DNZL, DNZL.

NEIC 13 07:00:41.9, 1.7, 7.48N-94.02E, h30km, mb4.1/1, Error
IDC 13 07:00:41.0, 2.1, 7.90N-94.86E, mb3.8/5, mb1 3.9/5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR, SONM, KURK, ZAL, ZAL, ZAL, WRA, WRA, WRA, CHKZ, FINES.

IDC 13 07:02:05.1, 1.6, 24.26S, 67.02W, h154km, 16km, mb3.2/3,
NEIC 13 07:02:05.1, 1.6, 24.26S, 67.02W, h154km, 16km, mb3.2/3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPCH, SPCH, SPCH, CEN1, CEN1, CEN1, CPN1, CPN1, CPN1, ANCH, ANCH, ANCH, CPCH, CPCH, CDCH, CFAA, CFAA, CFAA, LPAZ, LPAZ, LPAZ, CPUP, SIV, SIV, TROA, SAM, SAM, PLCA, PLCA, BDFB, VNA3, VNA1, VNA1, SNAA, SNAA.

Table with columns: TXAR, QSPA, BOSA, FORT, WRA, MKAR. Includes station names, frequencies, and technical details.

NEIC 13 07:09:38.5 1.2, 23.715x179.99E, h151km, 15km, mb4.3/6, Error ellipse: s-maj=14.1km s-min=8.7km az=73.0

IDC 13 07:09:39.7 3.9, 23.875x179.96E, h525km, 40km, mb3.4/7, mb1 3.6/9, mb1mx3.4/16, mbtmpr4.4/9, Error ellipse: s-maj=29.3km s-min=20.6km az=44.0

ISC 13 07:09:38.0 1.4, 23.755x0.08-180.0E, 0.1, h521km, 18km, n29, e077/28, mb3.9/12, ID, South of Fiji Islands

Main table for station 295, listing stations like AFM, DZI, URZ, etc. with columns for Code, Station Name, Frequency, and other technical data.

ISC 13 07:17:15.9 1.5, 38.25N, 0.09-26.60E, 0.10, h13km, 7km, n7, e082/12, Aegean Sea

Table for station 295, listing stations like URLA, BCLB, IZM, etc. with columns for Code, Station Name, Frequency, and other technical data.

IDC 13 07:17:41.3 1.7, 23.635x115.59W, mb4.0/4, mb1 4.4/4, mb1mx4.1/15, mbtmpr4.0/4, MS4.0/4, Ms1 4.0/4, ms1mx3.5/19, Error ellipse: s-maj=59.5km s-min=26.9km az=46.0

NEIC 13 07:17:44.0 0.5, 23.455x115.20W, h10km, mb4.6/8, Error ellipse: s-maj=21.1km s-min=10.7km az=76.0

ISC 13 07:17:43.0 0.7, 23.350x115.2W, 0.2, h10km, (h6km, 5km, pP-P), n35, e0885/25, mb4.2/13, MS4.0/4, 3C, Southern East Pacific Rise

Main table for station 295, listing stations like PLCA, CFAA, LPAZ, etc. with columns for Code, Station Name, Frequency, and other technical data.

Table with columns: ARU, BR131, BR131, BRTR, MKAR. Includes station names, frequencies, and technical details.

IDC 13 07:27:59.6 1.2, 14.49N, 144.31E, mb3.9/6, mb1 4.1/6, mb1mx3.9/18, mbtmpr3.9/6, Error ellipse: s-maj=42.4km s-min=15.0km az=67.0

NEIC 13 07:28:03.6 5.0, 14.54N, 144.52E, h33km, 38km, mb4.5/3, Error ellipse: s-maj=26.7km s-min=8.8km az=88.0

ISC 13 07:28:04.0 2.0, 13.53N, 144.52E, 0.3, h54km, 23km, n12, e038/14, mb4.1/8, Mariana Islands

Main table for station 2005 NOV, listing stations like GUMO, MJAR, WRAB, etc. with columns for Code, Station Name, Frequency, and other technical data.

NEIC 13 07:40:21.1, 40.43S, 173.43E, h185km, MG3.8(WEL), After WEL

WEL 13 07:40:21.7 0.3, 40.47S, 173.44E, h178km, 2km, ML3.6/12, 1C-ID, Error ellipse: s-maj=2.2km s-min=1.8km az=0.0, Cook Strait

Main table for station 2005 NOV, listing stations like DUWZ, NNZ, QNZ, etc. with columns for Code, Station Name, Frequency, and other technical data.

ISC 13 07:41:19.5, 9.67N, 125.53E, h1km, mb4.2, ML3.0, MS2.8, Mindanao

Table for station 2005 NOV, listing stations like BUTP, MSLP, etc. with columns for Code, Station Name, Frequency, and other technical data.

IDC 13 07:50:01.3 10.0, 52.93N, 174.51W, h210km, 91km, mb3.1/5, mb1 3.4/7, mb1mx3.1/25, mbtmpr3.7/7, MS3.8/1, Ms1 3.8/1, ms1mx2.5/12, Error ellipse: s-maj=66.4km s-min=21.1km az=20.0, Andreanof Islands

Main table for station 2005 NOV, listing stations like KDAR, ILAR, INK, etc. with columns for Code, Station Name, Frequency, and other technical data.

NEIC 13 08:18:46.0 1.2, 10.61S, 161.90E, h94km, 10km, mb3.9/2, Error ellipse: s-maj=20.8km s-min=9.8km az=53.0

IDC 13 08:18:46.4 3.1, 10.62S, 161.80E, h92km, 21km, mb3.6/4, mb1 3.8/7, mb1mx3.7/16, mbtmpr4.1/7, MS3.2, Ms1 3.1/2, ms1mx2.7/19, Error ellipse: s-maj=36.8km s-min=19.1km az=67.0

ISC 13 08:18:45.4 1.5, 10.7S, 0.1x161.8E, 0.1, h101km, 11km, n15, e055/19, mb3.6/6, Bougainville - Solomon Islands region

Main table for station 13d 8h, listing stations like HNR, NOUC, DZM, etc. with columns for Code, Station Name, Frequency, and other technical data.

NSSP 13 08:31:57.4, 41.35N, 44.32E, h8km, ML3.2, IDC 13 08:32:05.6 1.0, 41.36N, 44.47E, mb3.4/4, mb1 3.6/5, mb1mx3.5/20, mbtmpr3.6/5, ML3.7/1, Error ellipse: s-maj=23.8km s-min=10.3km az=90.0

TIF 13 08:32:05.7 41.40N, 44.32E, h10km, CSEM 13 08:32:05.0 4.1, 41.44N, 44.41E, h12km, mb3.7/2, Error ellipse: s-maj=2.9km s-min=1.6km az=92.0

MOS 13 08:32:06.1 1.3, 41.35N, 44.44E, h10km, mb3.7/4, Error ellipse: s-maj=13.3km s-min=4.8km az=94.4

NEIC 13 08:32:07.0 5.0, 41.44N, 44.51E, h10km, mb3.7/4, Error ellipse: s-maj=12.5km s-min=10.6km az=222.0

ISC 13 08:32:06.8 0.4, 41.41N, 0.02-44.33E, 0.03, h6km, 3km, n65, s192/80, mb3.5/8, 2C-ID, Western Caucasus

Main table for station 13d 8h, listing stations like KZR, STE, TBLG, etc. with columns for Code, Station Name, Frequency, and other technical data.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CHKZ Chkalovo, AAK Ala-Archa, AAK Ala-Archa, etc.

NDI 13 08:52:23.3.2.7, 35.00N x 72.66E, h10km, MD3.6, ML3.4
IDC 13 08:52:25.2.1.0, 34.80N x 73.12E, mb4.1/8, mb4.1/2, 1/1,
mb1mx4.0/22, mb1mp4.0/11, ML4.0/4, Error ellipse:
s-maj=27.7km, s-min=20.6km az=82.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CHCP Chirah Chowk, CEP Cherat, SARP Sargodha, etc.

MOS 13 08:52:26.2.1.1, 34.76N x 73.13E, h22km, mb4.4/4, Error
ellipse: s-maj=17.0km, s-min=7.1km az=101.4
NEIC 13 08:52:26.3.0.4, 34.75N x 73.11E, h10km, mb4.2/2, Error
ellipse: s-maj=11.3km, s-min=5.1km az=52.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KHET Khetri, KHET Khetri, KHET Khetri, etc.

ISC 13 08:52:25.0.0.3, 34.78N x 0.03, 73.20E x 0.06, h10km, n66,
e136/77, mb4.0/10, 5C-6D, Pakistan
Code Station Name Az El Az Err El Err Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

MOS 13 09:27:16.0.1.0, 51.03N x 178.80E, h33km, mb4.7/25, Error
ellipse: s-maj=10.6km, s-min=8.4km az=107.2
BUJ 13 09:27:18.4.5.1, 00N x 178.80E, h37km, mb4.9, mb4.6,
MS4.5, MS24.0
NEIC 13 09:27:18.5.0.3, 51.03N x 178.85E, mb4.6/24,
ML4.6(AEIC), Error ellipse: s-maj=9.1km, s-min=3.6km
az=179.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ATKA Atka Island, ATKA Atka Island, NIKO Nikoshi, etc.

IDC 13 09:27:18.0.2.6, 50.99N x 178.98E, h37km, mb4.0/18,
mb1.4/2/20, mb1mx4.1/29, mb1mp4.3/20, ML4.5/1, MS3.9/10,
MS1.3/8/10, ms1mx3.4/38, Error ellipse: s-maj=22.3km
s-min=1.7km az=173.0
ISC 13 09:27:16.4.0.3, 51.03N x 178.81E, h35km,
h35km, 2.0km, p-P, n128, s101/130, mb4.6/55, MS4.0/16,
3C-2D, Rat Islands
Code Station Name Az El Az Err El Err Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like DBIC Dimbokro, DBIC Dimbokro, BOS Boshof, etc.

DHMR 13 09:25:11.4.0.3, 12.61N x 40.53E, h11km, 19km, ML3.8, 3D,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like TRBA At Turbah, TRBA At Turbah, TRBA At Turbah, etc.

MOS 13 09:27:16.0.1.0, 51.03N x 178.80E, h33km, mb4.7/25, Error
ellipse: s-maj=10.6km, s-min=8.4km az=107.2
BUJ 13 09:27:18.4.5.1, 00N x 178.80E, h37km, mb4.9, mb4.6,
MS4.5, MS24.0
NEIC 13 09:27:18.5.0.3, 51.03N x 178.85E, mb4.6/24,
ML4.6(AEIC), Error ellipse: s-maj=9.1km, s-min=3.6km
az=179.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

IDC 13 09:27:18.0.2.6, 50.99N x 178.98E, h37km, mb4.0/18,
mb1.4/2/20, mb1mx4.1/29, mb1mp4.3/20, ML4.5/1, MS3.9/10,
MS1.3/8/10, ms1mx3.4/38, Error ellipse: s-maj=22.3km
s-min=1.7km az=173.0
ISC 13 09:27:16.4.0.3, 51.03N x 178.81E, h35km,
h35km, 2.0km, p-P, n128, s101/130, mb4.6/55, MS4.0/16,
3C-2D, Rat Islands
Code Station Name Az El Az Err El Err Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

MOS 13 09:27:16.0.1.0, 51.03N x 178.80E, h33km, mb4.7/25, Error
ellipse: s-maj=10.6km, s-min=8.4km az=107.2
BUJ 13 09:27:18.4.5.1, 00N x 178.80E, h37km, mb4.9, mb4.6,
MS4.5, MS24.0
NEIC 13 09:27:18.5.0.3, 51.03N x 178.85E, mb4.6/24,
ML4.6(AEIC), Error ellipse: s-maj=9.1km, s-min=3.6km
az=179.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ATKA Atka Island, ATKA Atka Island, NIKO Nikoshi, etc.

IDC 13 09:27:18.0.2.6, 50.99N x 178.98E, h37km, mb4.0/18,
mb1.4/2/20, mb1mx4.1/29, mb1mp4.3/20, ML4.5/1, MS3.9/10,
MS1.3/8/10, ms1mx3.4/38, Error ellipse: s-maj=22.3km
s-min=1.7km az=173.0
ISC 13 09:27:16.4.0.3, 51.03N x 178.81E, h35km,
h35km, 2.0km, p-P, n128, s101/130, mb4.6/55, MS4.0/16,
3C-2D, Rat Islands
Code Station Name Az El Az Err El Err Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KIMD Kanaga Island, KIKV Kikva, ADAG Adagadag, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SONM Songino Array, SONM Songino Array, SONM Songino Array, etc.

Red Ridge 46.44 71 eP P 09 35 41.1 -0.2
comp-Z, 4.4nm, 0.6s, mb4.6
HVC Hansel Valley 46.48 74 eP P 09 35 41.5 -0.2
comp-Z, 6.5nm, 0.9s, mb4.7
HVC Hansel Valley 46.48 74 eP P 09 35 41.5 -0.1
comp-Z, 7.0nm, 0.9s, mb4.6
TPNV Topopah Spring 47.28 81 eP P 09 35 48.3 +0.3
comp-Z, 6.9nm, 0.6s, mb4.8
TPNV Topopah Spring 47.28 81 eP P 09 35 48.3 +0.3

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

comp-Z, 10.0nm, 0.7s, mb4.8
NJ2 Nanjing 47.23 77 eP P 09 35 46.9 -1.5
comp-Z, 180nm, 5.0s
NJ2 Nanjing 47.23 77 eP P 09 35 56.8 -1.8
comp-N, 760nm, 21.3s, MS4.8
NJ2 Nanjing 47.23 77 eP P 09 35 01.4 +0.2
comp-E, 690nm, 20.9s, MS4.8
NJ2 Nanjing 47.23 77 eP P 09 35 05.7 +0.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like DUG Dugway, DUG Dugway, DUG Dugway, etc.

comp-Z, 8.0nm, 1.1s, mb4.6
BW06 Boulder Array 47.83 71 eP P 09 35 52.2 -0.1
comp-Z, 8.4nm, 0.9s, mb4.8
PDAR Pinedale Array 47.83 71 eP P 09 35 51.9 -0.4
comp-Z, 7.1nm, 0.8s, mb4.8, baz=302, slow=4.0, SNR=56
DAU Daniels Canyon 48.22 74 eP P 09 35 56.4 +1.1
MSU Marysville 48.27 77 eP P 09 36 00.7 +0.7
TMUT Trail Mountain 48.93 75 eP P 09 36 00.8 0.0
Nelson 48.98 81 eP P 09 36 01.4 +0.2
SRU San Rafael 49.46 75 eP P 09 36 05.7 +0.8
comp-Z, 3.3nm, 0.6s, mb4.5
SRU San Rafael 49.46 75 eP P 09 36 05.7 +0.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

comp-Z, 3.0nm, 0.6s, mb4.5
ULM Lac du Bonnet 51.10 55 LR LR 09 58 01.5
comp-Z, 112nm, 18.4s, MS3.9, baz=356, slow=36
PV01 Paradox Valley 51.26 75 eP P 09 36 18.8 +0.1
ZAL Zalesovo 53.16 313 eP P 09 36 33.9 +1.3
comp-Z, 1.1nm, 0.4s, mb4.2, baz=136, slow=8.2, SNR=5.0
ZAL Zalesovo 53.16 313 eP P 10 03 04.1
comp-Z, 106nm, 19.9s, MS3.9, baz=325, slow=40
ZAL Zalesovo 53.16 313 eP P 09 36 35.9 +6.9
NIS Novosibirsk 53.31 314 eP P 09 36 32.5 -1.3
SDCO Great Sand Dun 53.37 73 eP P 09 36 34.8 +0.1
LZH Lanzhou 54.02 285 eP P 09 36 39.1 -0.1
LZH Lanzhou 54.02 285 eP P 09 36 50.5 +0.8
LZH Lanzhou 54.02 285 eP P 09 38 41.5 -0.7
LZH Lanzhou 54.02 285 eP P 09 41 42.6

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

comp-Z, 1.0nm, 1.1s, mb4.7
LZH Lanzhou 54.02 285 eP P 09 36 39.1 -0.1
comp-Z, 60nm, 5.3s
LZH Lanzhou 54.02 285 eP P 09 36 50.5 +0.8
comp-Z, 1.0nm, 1.1s, mb4.7
LZH Lanzhou 54.02 285 eP P 09 38 41.5 -0.7
comp-Z, 10.0nm, 1.1s, mb4.7
GTA Gaotai 54.28 290 eP P 09 36 41.8 +0.7
GTA Gaotai 54.28 290 eP P 09 38 45.6 +1.1
GTA Gaotai 54.28 290 eP P 09 44 17.9 +3.3
comp-Z, 110nm, 5.3s
GTA Gaotai 54.28 290 eP P 09 36 34.8 +0.1
comp-N, 220nm, 13.3s, MS4.5
GTA Gaotai 54.28 290 eP P 09 37 17.7 -0.8
comp-E, 120nm, 13.7s, MS4.5
GTA Gaotai 54.28 290 eP P 09 37 17.7 -0.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, LBZ, RPZ, THZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, KZA, TKM2, KBK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW, AB31, AKTO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BINGOL, Nuku Hiva, MARDIN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array, KAF Kangasniemi, FINES FINES Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHMT Chamberlain, MOTA Moosalm, MCMT Mckee Canyon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, ACSO Alum Creek Sta, etc.

CSEM 13 10:42:19.9-0.0, 48.30N-7.45E, h10km, ML3.0/10, Error ellipse: s-maj=1.0km s-min=0.7km az=161.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WLS Welschbruch, CDF Champ du Feu, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THEF They Montfort, LBG Lerchenberg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYT Yasato, JHO Hitachi, etc.

AKTO Sn Sn 12 08 06.0 -2.3
comp=Z,0.4nm,0.3s,baz=207,slow=22,SNR=6.3
Lg 12 09 12.3
ARU Ar 12 06 37.0 -0.2
ARU Ar 12 06 37.0 -0.1
SONM Songoing Array 21.89 81 P 12 06 48.0 +2.9

ISK 13 12:24:06.8, 34.47N, 32.50E, h37km, MD3.6
HLW 13 12:24:07.7, 35.00N, 32.79E, h16km, Mb3.1
CSEM 13 12:24:09.0, 1.3, 34.74N, 32.43E, h40km, Mw3.0, Error
ellipse: s-maj=4.6km, s-min=3.8km, az=94.0

NEIC 13 12:24:12.1, 34.81N, 32.79E, h10km, ML3.3(NIC), After
NIC.
NIC 13 12:24:12.1, 0.3, 34.81N, 32.79E, h10km, ML3.3, MW3.0,
2C-5D, Cyprus region

Code Station Name Az AZZ Phase ID Time Res
SZAC Souni-Zanaja 0.09 124 Op P 12 24 15.1 +0.5
SZAC Souni-Zanaja 0.09 124 Op P 12 24 15.1 +0.5
LEF Lefka 0.32 15 PG P 12 24 20.7 +2.0

IDC 13 12:44:09.7, 1.2, 33.26N, 101.29E, mb3.9/7, mb1 4.0/9,
mb1mx3.8/22, mbtmp3.8/9, ML3.3/1, Error ellipse:
s-maj=48.3km, s-min=22.5km, az=55.0

NEIC 13 12:44:12.4, 2.4, 33.19N, 100.95E, h16km, 17km, mb3.9/3,
Error ellipse: s-maj=16.9km, s-min=12.3km, az=47.0

BUI 13 12:44:13.0, 33.35N, 101.00E, h20km, mb4.2, ML3.9,
W4.0, Msz3.6

MOS 13 12:44:19.0, 2.0, 33.90N, 100.71E, h33km, mb4.0/1, Error
ellipse: s-maj=23.1km, s-min=11.6km, az=96.4

ISC 13 12:44:16.0, 4.1, 33.53N, 100.59E, 0.10, h27km, 31km,
n27, r1518/32, mb3.9/9, Qinghai

Code Station Name Az AZZ Phase ID Time Res
LZH Lanzhou 3.70 46 P Pn 12 45 11.3 -1.6
LZH Lanzhou 3.70 46 P Pn 12 45 11.3 -1.6
LZH Lanzhou 3.70 46 P Pn 12 45 11.3 -1.6

BUI 13 12:52:46.8, 2.1, 71N, 143.76E, h228km, mb4.7, mb4.7
JMA 13 12:52:46.1, 0.2, 22.03N, 144.43E, h195km, M4.8
MOS 13 12:52:48.1, 0.8, 21.82N, 143.75E, h235km, mb4.4/16,

Error ellipse: s-maj=14.7km, s-min=7.6km, az=116.6
NEIC 13 12:52:48.2, 0.2, 21.78N, 143.71E, mb4.4/15, Error
ellipse: s-maj=7.0km, s-min=5.7km, az=87.0

IDC 13 12:52:48.5, 0.7, 21.81N, 143.66E, h216km, 6km, mb4.1/20,
mb1 4.1/25, mb1mx4.0/31, mbtmp4.7/25, Error ellipse:
s-maj=12.6km, s-min=8.8km, az=94.0

ISC 13 12:52:46.1, 0.8, 21.76N, 143.78E, 0.06, h213km, 6km,
h218km, 2.1km, p-P, n127, r1501/132, mb4.5/1, 5C-1D,

Mariana Islands region
Code Station Name Az AZZ Phase ID Time Res

JHHJ Haha-jima-NKT 5.07 344 Op P 12 54 01.8 -0.5
JHHJ Chichi jima 5.51 345 P S 12 54 59.6 -1.9
CBIJ Chichi jima 5.51 345 P S 12 55 08.8 -2.9
CBIJ Chichi jima 5.51 345 P S 12 54 07.0 -1.0

ASPA Alice Springs 46.16 193 eP P 13 00 51.8 +0.5
SHL Shilling 47.44 285 eP P 13 01 01.5 +0.3
LSA Lhasa 47.73 291 eP P 13 01 04.8 +1.0

UNV Unalakpa Valle 49.23 37 AP P 13 01 14.8 +0.1
WMQ Uralaski 50.97 309 P P 13 02 17.0 +1.9

WMQ comp=Z, 40nm, 0.8s, mb4.9 AMB AMB
WMQ comp=Z, 1.70nm, 6.2s AMB AMB

GUN Gumba 52.50 289 eP P 13 01 39.3 -0.1
PKI Pulchoki 52.95 289 eP P 13 01 42.0 -0.7

KKN Kakani 53.04 289 eP P 13 01 43.1 -0.3
DMN Daman 53.21 289 eP P 13 01 43.4 -1.7

STKA Stephens Creek 53.37 182 P P 13 01 45.4 -0.4
STKA Stephens Creek 53.37 182 P P 13 01 45.4 -0.6

GK Gorkha 53.58 289 eP P 13 01 46.6 -0.7
KOLN Koldanda 54.52 289 eP P 13 01 53.6 -0.5

ZAL comp=Z, 1.9nm, 0.3s, mb4.9 54.52 322 P P 13 01 52.4 -1.4
MKAR Makanchi Array 55.06 313 P P 13 01 57.5 -0.3

PMR comp=Z, 1.6nm, 0.7s, mb4.7, baz=92, slow=9.2, SNR=140 60.22 31 eP P 13 02 56.1 -0.4
PMR comp=Z, 3.1nm, 0.3s, mb4.4 60.22 31 eP P 13 02 33.0 -0.5

NVS Novosibirsk 55.59 322 i P P 13 02 00.9 -0.5
KURK Kurchatov 57.81 317 eP P 13 02 16.0 -1.2

KURK Kurchatov 57.81 317 eP P 13 02 16.0 -1.2
KURK Kurchatov 57.81 317 eP P 13 02 16.0 -1.2

KDKA Kodiak Island 57.84 35 P P 13 02 17.6 +0.3
TKM2 Tokmak 2 59.74 308 P P 13 02 31.2 +0.7

PMR Palmer 60.22 31 eP P 13 02 33.0 -0.5
PMR Palmer 60.22 31 eP P 13 02 33.0 -0.5

KBK Karagaybulak 60.23 308 P P 13 02 34.4 +0.5
CHMS Chumysh 60.36 308 P P 13 02 34.8 0.0

USP Ostrovka 60.53 308 P P 13 02 35.8 -0.1
AAK Ala-Archa 60.57 308 P P 13 02 36.4 +0.3

AAK Ala-Archa 60.57 308 eP P 13 02 35.1 -1.0
AAK Ala-Archa 60.57 308 eP P 13 02 35.1 -1.0

AAK Ala-Archa 60.57 308 eP P 13 02 35.1 -1.0
AAK Ala-Archa 60.57 308 eP P 13 02 35.1 -1.0

UCHT Uchtoy 60.58 307 P P 13 02 37.6 +1.4
EKS Erkin-Say 61.09 308 P P 13 02 39.9 +0.3

AML Almayashu 61.19 307 P P 13 02 41.5 +1.1
ILAR Eielson Array 61.74 27 P P 13 02 42.8 -0.8

ILAR comp=Z, 3.0nm, 0.8s, mb4.0, baz=280, slow=8.7, SNR=20 61.74 27 P P 13 03 33.1 +0.3
VOSK Vostochnyaya 62.63 319 P P 13 02 48.6 -1.1

CHKZ Chkalovo 62.84 320 eP P 13 02 50.0 -1.1
CHKZ Chkalovo 62.84 320 eP P 13 02 50.0 -1.1

BVAO Borovoye Array 62.98 319 i P P 13 02 50.8 -1.3
BVAR Borovoye Array 62.98 319 P P 13 02 51.6 -0.5

BVAR Borovoye Array 62.98 319 P P 13 02 51.6 -0.5
BVAR Borovoye Array 62.98 319 P P 13 02 51.6 -0.5

BRVK Borovoye 63.05 320 eP P 13 02 51.8 -0.7
BRVK Borovoye 63.05 320 eP P 13 02 51.8 -0.7

KKAR Karatay Array 63.45 308 i P P 13 02 55.0 -0.3
KKAR Karatay Array 63.45 308 i P P 13 02 55.0 -0.3

DAWY Dawson 64.91 28 eP P 13 03 04.8 +0.6
INK Inuvik 67.30 24 P P 13 03 19.5 +0.2

INK Inuvik 67.30 24 P P 13 03 19.2 -0.2
INK Inuvik 67.30 24 eP P 13 03 19.2 -0.2

ARU Arti 69.54 324 eP P 13 03 31.4 -1.9
ARU Arti 69.54 324 eP P 13 03 31.4 -1.9

AB31 Akbulak array 69.89 316 i P P 13 03 35.0 -0.6
YKA Yellowknife Ar 76.15 28 P P 13 04 12.4 +0.7

ARCES ARCESS Array B 79.04 342 P P 13 04 27.4 0.0
ARCES ARCESS Array B 79.04 342 P P 13 04 27.4 0.0

OBNS Obninsk 81.74 326i P P 13 04 45.6 +3.7
OBNS Obninsk 81.74 326i P P 13 04 45.6 +3.7

NVAR Mina Array Be 82.67 52 P P 13 04 49.3 +2.2
KIV Kislovodsk 82.78 314 eP P 13 04 48.5 +1.0

KAF Kangasniemi 82.90 335 eP P 13 04 46.7 -1.1
FINES FINESS Array B 83.36 335 P P 13 04 49.4 -0.8

HRY Holter Researc 83.78 42 eP P 13 04 54.4 +1.9
QRN Al-Qurain 84.67 299 eP P 13 04 57.8 +0.4

MIB Mutribah 84.74 300 P P 13 04 57.8 +0.2
MIB Mutribah 84.74 300 P P 13 04 59.2

TPNV Topopah Spring 84.75 52 eP P 13 04 58.5 +0.9
TPNV Topopah Spring 84.75 52 eP P 13 04 58.5 +0.9

NAY Al-Naeim 85.03 299 eP P 13 04 58.8 -0.4
AKASE Malin Array Be 87.78 325 P P 13 05 10.8 -1.0

HFS Hagfors 88.99 337 P P 13 05 15.5 -1.4
BRTR Keskin Array B 90.70 314 P P 13 05 24.9 -1.0

TXAR Lajitas Array 97.57 54 PKKPbc P 13 02 33.2
VNAZ Neumayer-Watz 128.01 192 P PKPpdf 13 11 28.8 +2.7

VNAZ Neumayer-Watz 128.01 192 P PKPpdf 13 11 28.8 +2.7
VNAZ Neumayer-Watz 128.15 191 P PKPpdf 13 11 28.7 +2.4

PLA3 Paso Flores 145.38 131 PKPbc PKPbc 13 12 01.6 +2.4
LPAZ La Paz 149.38 85 PKPbc PKPpdf 13 12 14.1 +8.4

LPAZ La Paz 149.38 85 ePKPbc PKPpdf 13 12 13.8 +8.1
LPAZ La Paz 149.38 85 ePKPbc PKPpdf 13 12 19.9 +1.9

IDC 13 13:21:37.5, 1.5, 6.18S, 146.87E, mb3.7/3, mb1 3.9/6,
mb1mx3.7/14, mbtmp3.8/6, ML3.3/3, MS3.0/1, Mb1 3.0/1,
mb1mx2.5/21, Error ellipse: s-maj=41.2km, s-min=18.3km,
az=91.0
NEIC 13 13:21:39.0, 1.1, 6.19S, 146.81E, h10km, mb3.4/1, Error

ellip: s-maj=19.7km s-min=14.8km az=104.0
ISC 13 13:21:37.9-1.3, 6.2S, 0.1, 146.8E, 0.2, h10km, n10,
+069/12, mb3.6/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warramunga Arr, Fitzroy Crossi, etc.

JMA 13 13:23:28.3-0.2, 43.10N, 146.78E, h47km, 3km, M3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nemuro 2, Rausu, Akkeshi, etc.

NEIC 13 13:24:28.7-0.2, 45.24N, 3.41W, h10km, ML3.5(STR),
ML3.4(LDG), Error ellipse: s-maj=3.6km s-min=2.3km
az=127.0

CSEM 13 13:24:29.9-0.1, 45.09N, 3.56W, h25km, ML3.4/20, Error
ellipse: s-maj=1.8km s-min=1.1km az=115.0

LDG 13 13:24:30.2-0.1, 45.16N, 3.49W, h15km, MK3.4/23, Error
ellipse: s-maj=3.0km s-min=2.1km az=115.0

STR 13 13:24:37.2-1.1, 45.00N, 2.37W, h10km, ml3.5, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 13 13:24:31.7-0.5, 45.23N, 3.47W, h77km, 33km, mb3.5/23,
Error ellipse: s-maj=4.8km s-min=3.5km az=123.0

PRXIMO, Bay of Biscay

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Arriondas, LCHF, EALK, etc.

Large table with columns: EPF, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Esparras, Les Rejaudoux, GRRR, etc.

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

IOC 13 13:42:44.8-5.1, 29.62N, 142.40E, mb3.7/3, mb1 3/1/5,
mb1mx3.6/20, mbtmp3.6/4, ML3.8/1, MS3.7/1, Ms1 3.7/1,
ms1mx2.4/34, Error ellipse: s-maj=188.9km s-min=26.2km
az=72.0

JMA 13 13:42:46.1-0.6, 30.09N, 142.60E, M4.1,
ISC 13 13:42:49.9-2.1, 30.1N, 0.1, 142.7E, 0.3, h46km, 20km, n12,
+089/11, mb3.8/3, MS3.8/1, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JHJ2, JOD2, JHU, etc.

BUI 13 13:46:00.8, 20.80S, 178.60W, h580km, mb4.7, mb4.5
NEIC 13 13:46:01.8, 20.84S, 178.61W, h580km, 11km,
mb4.6/10, Error ellipse: s-maj=13.3km s-min=9.8km
az=135.0

IOC 13 13:46:05.5-2.3, 21.16S, 178.72W, h625km, 27km, mb3.5/7,
mb1 3.7/9, mb1mx3.5/15, mbtmp4.5/9, Error ellipse:
s-maj=25.7km s-min=15.4km az=161.0

ISC 13 13:46:01.5-1.2, 20.87S, 0.09, 178.69W, 0.09,
h588km, 15km, n69, s1908/37, mb3.3/21, 4C-SD, Fiji Islands
region

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Parma, Millersville, Wyandotte Cave, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LOHW Long Hollow, TPWA Teton Pass, RRI2 Red Ridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like QUIF Quistinic, ROSF Rostrenen, SGFM Saint Gilles, etc.

13d 23h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include HHC, LZH, SSE, NJ2, KMI, GYA, etc.

MOS 13 23:24:56.9, 0.9, 36.53N, 70.60E, h198km, mb4.5/12, Error ellipse: s-maj=9.7km s-min=5.2km az=94.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CEP, CHC, SBDP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include THN, DLH, UCH, KZA, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include AAK, BHK, FRU, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include SDNR, CHMS, USP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include SMLA, DDI, BHGR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include JOSI, NDI, etc.

2005 NOV

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include MKAR, KOLN, BHPL, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include BANOH, VOSK, BVAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include BVAO, BRVK, AKTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include ASHO, SMDO, BLSAP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include POO, BOK, LSA, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include GOF, KIV, ANN, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include LZH, SONM, BRTR, etc.

312

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include JOF, VSU, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include ARCES, SSE, YAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include NAO, DAVOS, TIXI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include KMBO, EKA, MBAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include IMAZ, INK, DBIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include COLA, COLA, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include WRA, WRAB, WRAB, etc.

NEIC 13 23:30:35.4, 38.04N, 118.61W, h9km, ML3.8(REN), After REN, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CMB, PAHR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAIF, CLZ, CDF, SFTF, HAU, etc.

NEIC 14 07:17:36.8,0.8, 6.84N,73.05W, h163km, 10km, mb3.9/2, Error ellipse: s-maj=16.7km s-min=10.6km az=129.0

FUNV 14 07:17:37.2, 6.86N,73.06W, h172km, MW2.9, Error ellipse: s-maj=44.1km s-min=7.6km az=132.0

ISC 14 07:17:35.9,0.5, 6.89N,0.07,72.98W, h165km, 7km, n28, e1500/33, mb3.6/5, 2C-2D, Northern Colombia

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

ISC 14 07:33:43.4,0.6, 39.65N,0.03,29.42E, 0.05, h10km, n8, e1919/14, Turkey

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

IDC 14 07:40:04.2, 1.1, 9.76N, 138.53E, mb3.7/4, mb1 4.0/4, mb1 mx3.8/17, mbtmp3.7/4, MS3.1/1, MS1 3.1/1, ms1mx2.4/22, Error ellipse: s-maj=54.1km s-min=27.7km az=82.0

NEIC 14 07:40:05.0,0.6, 9.65N,138.31E, h10km, mb4.4/3, Error ellipse: s-maj=24.3km s-min=10.4km az=63.0

ISC 14 07:40:03.0,0.8, 9.6N,0.1,138.3E, 0.2, h10km, n15, e083/13, mb4.5/10, MS2.9/1, Western Caroline Islands

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

MEX 14 07:43:41.0, 1.0, 18.53N,95.76W, h73km, 24km, MD4.6

NEIC 14 07:43:41.0, 18.53N,95.76W, h73km, mb4.7/38, MD4.6(MEX), After MEX.

IDC 14 07:43:42.5,0.6, 18.57N,95.61W, h51km, 4km, mb4.1/15, mb1 4.3/18, mb1mx4.2/24, mbtmp4.3/18, MS3.6/1, MS1 3.6/11, ms1mx3.4/25, Error ellipse: s-maj=26.2km s-min=9.5km az=57.0

BUI 14 07:43:43.0, 18.50N,95.80W, h72km, mb5.0, MS4.7, MS2.4

ISC 14 07:43:40.1,0.2, 18.46N,0.02,95.76W, 0.02, h51km, h51km, 1.1km, pp-P, n118, e1812/127, mb4.4/35, MS3.7/11, 1C, Veracruz

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

PDAR 1.9nm, 0.9s, baz=140, slow=8.6, SNR=8.6 pP pP 07 49 32.1 +0.9

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

IDC 14 08:10:06.9, 1.3, 23.31N, 142.13E, mb4.1/3, mb1 4.2/4, mb1mx3.8/20, mbtmp4.1/4, ML3.8/1, MS3.6/6, MS1 3.6/6, ms1mx3.2/3, 1C, Error ellipse: s-maj=61.2km s-min=23.1km az=87.0, Volcano Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Rinconada Maip, Antu, PCH, CCHI, PEL, FCH, JACH.

ISK 14 14:46:28.8, 38.21N-26.67E, h30km, MD2.7
CSEM 14 14:46:28.9, 0.1, 38.20N-26.76E, h40km, MD2.7, Error
ellipse: s-maj=6.2km s-min=2.4km az=127.0

ATH 14 14:46:29.3, 38.14N-26.44E, h10km, MD3.1/3
ISC 14 14:46:29.1-0.6, 38.19N-0.03, 26.57E, 0.05, h13km, n13,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Izmir, Balcova, Samos, Zalesovo, Bodrum, etc.

ISK 14 14:51:54.2, 38.20N-26.69E, h14km, MD2.6
ATH 14 14:51:54.1, 38.20N-26.60E, h10km, MD3.0/3
CSEM 14 14:51:54.9, 0.1, 38.20N-26.76E, h16km, MD2.6, Error
ellipse: s-maj=2.1km s-min=1.2km az=123.0

ISC 14 14:51:53.3-0.9, 38.20N-0.03, 26.61E, 0.05, h2km, 7km, n13, c066/21, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Izmir, Balcova, Samos, Zalesovo, Bodrum, etc.

MAN 14 15:00:13.3, 17.40N-120.12E, h25km, mb4.1, ML2.9, MS2.6, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Dolores, Bolinao, Baguio City Da, Conner, etc.

PRU 14 15:04:36.4, 50.29N, 18.75E
WAR 14 15:04:36.8, 50.23N, 18.82E, h1km, MW2.6, Mw2.4, Location given by Central Institute of Mining, origin time based upon OJC, MW from OJC, Mw from NIE, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Ojcow, Niedzica, Dobruska-Polom, etc.

NEIC 14 15:47:25.9, 1.3, 23.48S-179.99W, h540km, 12km, mb4.7/7, Error ellipse: s-maj=19.7km s-min=11.3km az=224.0
ISC 14 15:47:25.9, 1.7, 23.53S-179.96W, h538km, 16km, mb3.8/8, mb1.3/9/11, mb1mx3.7/17, mbtmp4.8/21, Error ellipse: s-maj=21.5km s-min=16.5km az=42.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Raoul Island, DZM, URZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Rata Peaks, FOZ, CTA, PMG, STKA, etc.

ISC 14 15:55:53.0-2.0, 41.62N-142.02E, h64km, 4km, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kayabe, Urakawa-nobuka, Nanko, Churui, etc.

NIED 14 15:56:00, 42.00N-142.60E, h44km, Mw3.7 Best double couple: M3.92x10^14 NP1, 25, 86, 4, 187. NP2, 26, 213, 62, 1, 96
NEIC 14 15:56:49.4, 0.2, 42.03N-142.58E, h63km, MG3.7(JMA), After JMA

NEIC Recorded [1 JMA] in the Shizunai area. JMA 14 15:56:49.3, 0.2, 42.03N-142.58E, h63km, 2km, M3.7

JMA Felt J1, IDC 14 15:56:50.7, 2.1, 42.10N-142.79E, h81km, 18km, mb3.5/6, mb1.3/8/8, mb1mx3.4/22, mbtmp3.8/8, Error ellipse: s-maj=42.3km s-min=16.2km az=90.0

ISC 14 15:56:48.6, 0.5, 42.01N-0.04, 142.55E, 0.04, h68km, 4km, n22, c064/35, mb3.6/6, 4C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Biratori 2, Churui, etc.

WEL 14 16:08:11.7, 0.5, 34.93S-178.17E, h33km, ML3.9/9, Error ellipse: s-maj=9.1km s-min=3.6km az=90.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Matakaoa Point, Puketiti, Urewera, etc.

ISC 14 16:27:45.1, 1.5, 5.18N-94.73E, mb4.3/7, mb1.4/5/7, mb1mx4.1/19, mbtmp4.3/7, Error ellipse: s-maj=61.5km s-min=24.0km az=54.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

ISC 14 17:35:06.0, 4.2, 161N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

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

ISC 14 17:35:06.0, 4.2, 161N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Marble Bar, NWAO, WRA, WRAB, STKA, etc.

NIED 14 17:35:00, 42.20N-142.90E, h53km, Mw4.1 Best double couple: M1.66x10^15 NP1, 34, 86, 6, 190. NP2, 29, 214, 52, 1, 90
MOS 14 17:35:06.7, 1.1, 42.55N-142.76E, h33km, mb4.6/5, Error ellipse: s-maj=16.4km s-min=10.6km az=93.4

BUI 14 17:35:10.9, 42.10N-142.74E, h83km, mb5.0, mb4.7, Ms4.1, Ms2.9

JMA 14 17:35:10.3, 0.1, 42.23N-142.92E, h54km, 1km, M4.0, JMA Felt J1

NEIC 14 17:35:12.8, 0.9, 42.24N-142.85E, h88km, 8km, mb4.7/2, MW4.1(NIED), Error ellipse: s-maj=14.1km s-min=7.3km az=109.0

NEIC Recorded [1 JMA] in the Chitose area and in south-central Hokkaido.

IDC 14 17:35:12.3, 1.9, 42.26N-142.88E, h82km, 14km, mb3.8/13, mb1.4/0/14, mb1mx3.8/25, mbtmp4.1/14, MS3.42, Ms1.3/4/2, ms1mx2.6/37, Error ellipse: s-maj=22.9km s-min=14.0km az=97.0

ISC 14 17:35:08.6, 0.4, 42.16N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

ISC 14 17:35:06.0, 4.2, 161N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

ISC 14 17:35:06.0, 4.2, 161N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

ISC 14 17:35:06.0, 4.2, 161N-0.04, 142.91E, 0.05, h68km, 3km, n49, c093/62, mb4.3/22, 5C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Churui, Biratori 2, etc.

MAN 14 21:08:29.1, 8.41N, 122.64E, h38km, mb4.0, ML2.7, MS2.4, 1C, Mindanao

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	Time	Res
							h m s	ISC
IPIL	Ipil	0.62	186	eP	P		21 08 42.9	+1.4
IPUK		0.73	76	eS	S		21 08 52.3	+1.9
DCPH	Dipolog City	0.73	76	iP	P		21 08 43.4	+0.5
PAGZ	Pagadian	0.93	127	eP	P		21 08 46.6	+0.9
PAGZ				eS	S		21 08 60.0	+1.9
GUMIM	Jordan	2.20	359	eP	P		21 09 03.4	-0.6
GUMIM				eS	S		21 09 30.8	+0.7

IDC 14 21:15:40.1, 1.2, 6.02N, 126.33E, mb3.7/4, mb1 3.9/4, mb1mx3.6/16, mbtmp3.7/4, Error ellipse: s-maj=76.7km s-min=24.9km az=73.0

MAN 14 21:15:54.0, 6.54N, 126.30E, h154km, mb4.4, ML3.3, MS3.1

ISC 14 21:15:52.9, 0.1, 5.80N, 0.09, 126.14E, 0.10, h122km, 10km, n11, c093/17, mb3.5/4, 2D, Mindanao

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	Time	Res
							h m s	ISC
MATI	Mati	1.15	6	eP	P		21 16 17.7	+0.3
MATI				eS	S		21 16 34.3	-0.7
KCP	Kidapawan	1.59	319	eP	P		21 16 22.1	+0.1
KCP				iS	S		21 16 43.7	-0.3
BUPK	Musuan	2.33	333	eP	P		21 16 31.9	+0.7
BUKR				eS	S		21 17 01.1	+0.9
CGP	Cagayan de Oro	3.00	332	eP	P		21 16 41.1	+0.9
CGP				eS	S		21 17 17.8	+1.7
BUTP	Butuan	3.19	351	eP	P		21 16 35.3	-0.4
BUTP				eS	S		21 17 19.5	-1.1
PAGZ	Pagadian	3.41	207	eP	P		21 16 45.2	-0.5
IPIL	Ipil	4.06	399	eP	P		21 16 54.7	+0.4
IPIL				eS	S		21 17 38.5	-2.9
WRA	Warramunga Arr	26.82	163	pP	P		21 21 23.2	-0.7
STKA	Stephens Creek	40.26	159	pP	P		21 23 20.6	+1.2
MKAR	Makanchi Array	55.53	325	pP	P		21 25 16.8	-0.9
ILAR	Eielson Array	83.50	26	pP	P		21 28 08.0	0.0

MOS 14 21:33:20.3, 0.9, 36.40N, 70.18E, h183km, mb3.7/1, Error ellipse: s-maj=20.8km s-min=12.0km az=88.1

NEIC 14 21:33:21.1, 1.9, 36.41N, 70.24E, h172km, 19km, mb3.9/3, Error ellipse: s-maj=21.3km s-min=6.1km az=66.0

NNC 14 21:33:26.6, 5.2, 37.07N, 70.35E, mpv3.8, Error ellipse: s-maj=47.0km s-min=40.2km az=131.0

IDC 14 21:33:26.6, 11.0, 36.75N, 70.34E, h207km, 87km, mb3.3/3, mb1 3.3/7, mb1mx3.0/22, mbtmp3.8/7, Error ellipse: s-maj=94.4km s-min=25.4km az=15.0

ISC 14 21:33:21.9, 1.4, 36.45N, 0.07, 70.3E, 0.1, h195km, 15km, n28, c064/33, mb3.5/3, 1C-3D, Hindu Kush region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	Time	Res
							h m s	ISC
THN	Thein Dam	5.99	130	eP	P		21 34 49.9	+0.2
THN				eS	S		21 35 15.8	-6.2
AML	Almayashu	6.24	24	pP	P		21 34 53.4	+0.4
UCH	Uchter	6.62	28	pP	P		21 34 58.3	+0.4
KK31	Karatay Array	6.65	1	pP	P		21 34 58.0	-0.2
KK31				iS	S		21 36 08.3	-5.0
EKS2	Erkin-Say	6.75	22	pP	P		21 34 59.8	+0.2
AAK	Ala-Archa	6.96	26	pP	P		21 35 02.6	+0.3
AAK	Ala-Archa	6.96	26	iP	P		21 35 02.5	+0.2
AAK	Ala-Archa	6.96	26	eP	P		21 35 01.7	-0.7
AAK	Ala-Archa	6.96	26	eP	P		21 35 01.7	-0.6
USP	Ospenovka	7.53	24	pP	P		21 35 09.8	+0.1
TKM2	Tokmak 2	7.63	31	pP	P		21 35 11.3	+0.2
MKAR	Makanchi Array	13.65	37	pP	P		21 36 28.9	+0.6
KOLN	Koldanday	14.18	124	eP	P		21 36 34.4	-0.7
GKN	Gorkha	14.74	121	eP	P		21 36 42.5	+0.4
AB31	Akbulak array	14.87	333	pP	P		21 36 48.5	+5.0
DMN	Daman	15.31	121	eP	P		21 36 48.9	-0.3
KKN	Kakani	15.32	120	eP	P		21 36 49.0	-0.3
KURK	Kurchatov	15.46	20	eP	P		21 36 50.6	-0.2
KURK	Kurchatov	15.46	20	eP	P		21 36 50.7	-0.1
PKI	Pulchoki	15.54	120	eP	P		21 36 52.1	+0.1
GUN	Gumba	15.67	119	eP	P		21 36 54.5	+0.9
AKTO	Aktyubinsk	16.56	331	pP	P		21 37 02.8	-1.4
AKTO				s	S		21 40 02.7	+1.6
BVAR	Borovoye Array	16.57	0	pP	P		21 37 03.3	-1.1
ZAL	Zalesovo	20.17	25	pP	P		21 37 42.2	-0.3
SOMM	Songino Array	20.17	25	pP	P		21 39 03.8	+0.1
FINES	FINESS Array B	37.22	326	pP	P		21 40 15.5	-0.3
ARCES	ARCES Array B	40.98	338	pP	P		21 40 46.9	+0.2
ARCES	ARCES Array B	40.98	338	pP	P		21 40 46.9	+0.2

BGS 14 21:38:33.8, 35.47N, 149.71E, h10km, mb6.5

CRAAG 14 21:38:49.9, 38.15N, 144.95E, Mb7.2

IDC 14 21:38:49.0, 0.3, 38.00N, 144.95E, mb5.9/35, mb1 6.1/39, mb1mx6.1/39, mbtmp6.0/39, ML5.6/5, MS6.8/38, Ms1 6.8/38, ms1mx6.8/43, Error ellipse: s-maj=9.1km s-min=8.0km az=131.0

DHMR 14 21:38:50.7, 3.4, 38.11N, 144.93E, h10km, 99km, mb6.8

HRVD 14 21:38:51.4, 0.1, 38.22N, 144.97E, h18km, MW7.0/74, Centroid moment Tensor Solution. Mantle waves: s74, c187; Half duration: 7s3 Moment tensor: Scale 10¹⁹ Nm; M_{rr}-3.49±.02; M_{θθ}-0.17±.02; M_{φφ}3.66±.02; M_{rr}-0.59±.22; M_{θθ}0.70±.02; M_{φφ}-0.30±.16; Best double couple: M₃3.70x10¹⁹ Np1.181°, δ43°, λ-104°. NP2: 0.19; δ49°, λ-78°. Principal axes: T 3.805, P1g3°, Azm100°; N -209, P1g9°; Azm191°; P-3.599, P1g80°, Azm352°; nsta1 refers to body waves. nsta2 refers to mantle waves. cutoff=125s.

NEIC 14 21:38:51.4, 0.1, 38.11N, 144.90E, h11km, mb6.7/21, M6.9, MS6.8/145, MW6.6, MW7.0(MOS), MW7.0(NIED) Error ellipse: s-maj=3.0km s-min=2.1km az=172.0 Broadband fault plane solution: P waves. NP1: 180°, δ70°, λ-90°. NP2: 0°, δ20°, λ-90°. Principal axes: T P1g25°, Azm270°; N P1g0°, Azm0°; P P1g65°, Azm90°; Moment Tensor Solution. s58 Moment tensor: Scale 10¹⁹ Nm; M_{rr}-2.01; M_{θθ}0.28; M_{φφ}1.72; M_{rr}0.00; M_{θθ}0.75; M_{φφ}0.85; Best double couple: M₃2.2x10¹⁹ Np1.322°, δ35°, λ-75°. NP2: 0°, δ55°, λ-109°. Principal axes: T 2.19, P1g11°, Azm111°; N 0.1, P1g8°; Azm20°; P 2.2, P1g76°; Azm253°. Complex earthquake observed on broadband displacement seismograms. A small event is followed by a large event about 2 seconds later. Depth

from synthetics of broadband displacement seismograms based on large event. Energy computed from MT mechanism.

NEIC Felt [IV] at Misawa, [III] at Sendai and Utsunomiya and [II] at Tokyo and Yokosuka. Felt widely in northern and eastern Honshu. Also felt on Hokkaido. Felt [III] at Malokuril'skoye and [II] at Yuzhno-Kuril'sk, Kuril Islands. A tsunami with a wave height of 32 cm [peak-to-trough] was recorded at Otunato. Recorded [3 JMA] in northeastern Honshu and [2 JMA] in northwestern and central Honshu. Recorded [3 JMA] in eastern and south-central Hokkaido; [2 JMA] in much of central and southwestern Hokkaido. Also recorded [2 JMA] on Hachijo-jima, Miyake-jima and Oshima; [1 JMA] on Aoga-shima, Kozu-shima and Niijima.

JMA 14 21:38:51.3, 0.3, 38.03N, 144.94E, h45km, M7.2

JMA Felt III, I

BUJ 14 21:38:52.7, 38.33N, 144.53E, h11km, mb7.3, mb6.3, Ms7.3, Ms7.2

MOS 14 21:38:53.1, 0.9, 38.11N, 144.88E, h33km, mb6.8/142, MS6.9/87, Error ellipse: s-maj=6.4km s-min=4.4km az=107.3

NIED 14 21:39:00, 38.00N, 145.00E, h14km, Mw7.0 Best double couple: M₃4.06x10¹⁹ Np1.96°, δ63°, λ-105°. NP2: 0.29; δ31°, λ-63°

SKO 14 21:39:02.6, 37.95N, 142.35E

ISC 14 21:38:50.6, 0.1, 38.05N, 0.02, 144.88E, 0.01, h14km, h14km, 6km; pP, n1674, c092/1600, mb6.5/345, MS6.9/217, 204C-204D, Off east coast of Honshu

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	Time	Res
							h m s	ISC
OFUJ	Ofunato	2.72	293	iP	P		21 39 34.9	+0.3
JIO	Ouri	2.81	279	eP	P		21 39 36.1	+0.2
JIO				eS	S		21 40 08.0	-1.8
MIYJ	Miyakonagasaki	2.84	304	iP	P		21 39 36.1	-0.2
MIYJ				eS	S		21 40 09.8	-0.7
JMK	Ichinoseki	3.01	289	iP	P		21 39 38.9	+0.1
JOM	Onasama	3.14	298	eP	P		21 39 41.0	+0.3
JOM				eS	S		21 40 17.8	-0.5
JMM	Marumori	3.23	268	iP	P		21 39 41.8	-0.2
JMM				eS	S		21 40 18.9	-1.7
JFK	Kawauchi	3.25	299	iP	P		21 39 41.5	-0.7
JJU	Kura	3.35	277	iP	P		21 39 43.9	+0.5
JKZ	Kuzumaki	3.37	303	iP	P		21 39 44.2	+0.3
ONAJ	Iwakimizuishiy	3.38	255	iP	P		21 39 43.4	-0.6
JANG	Nango	3.50	313	iP	P		21 39 44.8	-0.9
JANG				eS	S		21 40 25.7	-1.5
JRG	Rokugo	3.58	293	iP	P		21 39 47.4	+0.5
JFT	Ofunato	3.65	289	iP	P		21 39 48.2	+0.5
JYK	Kaneyama	3.65	285	iP	P		21 39 48.3	+0.4
JHO	Hitachi	3.72	249	iP	P		21 39 47.9	-1.0
JAH	Hinai	3.93	304	iP	P		21 39 51.0	0.0
JTM	Temabayashi	4.02	314	iP	P		21 39 52.7	-0.5
JNS	Sasagawa	4.04	269	iP	P		21 39 58.9	+0.3
JAW	Awa shima	4.45	277	iP	P		21 39 58.7	-0.6
JOT	Ohata	4.45	320	pP	P		21 40 47.9	-3.5
JOT				eS	S		21 40 01.1	-0.6
JAG	Ashikaga	4.62	251	iP	P		21 39 59.7	-2.0
BSO1	Choshi	4.62	224	pP	P		21 40 00.5	-2.3
JCH	Churui	4.71	346	pP	P		21 40 03.7	-1.1
JJK	Kyratebe	4.84	324	pP	P		21 40 06.8	+1.0
JIZJ	Izumozaki	4.91	266	pP	P		21 40 08.7	-1.1
JRY	Ryogami san	5.19	249	iP	P		21 40 10.0	-0.2
JSD	Sado	5.22	272	iP	P		21 40 08.0	-4.0
NEM2	Nemuro 2	5.35	7	eP	P		21 40 13.8	+0.9
JNJ	Nakajima	5.42	262	iP	P		21 40 11.2	-1.8
JOD2	Odawara 2	5.42	241	pP	P		21 40 12.5	-0.9
JEW	Eniwo	5.46	332	iP	P		21 40 14.6	+0.2
MJAR	Matsushiro Arr	5.53	256	pP	P		21 41 21.2	+2.7
MJAR				s	S		21 41 10.9	
MJAR	636nm, 0.3s, baz=123, slow=33, SNR=4.7							
MJAR								
MAJO	Matsushiro	5.53	256	eP	P		21 40 14.7	+0.2
MAJO				eS	S		21 40 14.7	+0.2
MAJO				pmax				
MAT	Matsushiro	5.53	256	pP	P		21 40 14.7	+0.2
MAT				eS	S		21 41 17.0	-1.5
MAT				s	S		21 40 15.0	+0.5
MAT				S	S		21 41 17.0	-1.5
JNG	Nsakai	5.65	255	iP	P		21 40 16.6	+0.4
JOSM	Okushiri-Mats	5.78	316	iP	P		21 40 16.8	-1.2
JSU	Suzu	5.99	277	iP	P		21 40 20.8	-0.1
YUK	Yuzh-Kuril'sk	6.03						

14d 21h

Table with columns for flight codes (DL2, NAH1, etc.), destinations (Naha, Tamagusuku 2, etc.), times, and status indicators (P, S, etc.).

2005 NOV

Table with columns for flight codes (YAK, HHC, etc.), destinations (Wuhan, Basco, etc.), times, and status indicators (P, S, etc.).

324

Table with columns for flight codes (LZH, LUBP, etc.), destinations (Lanzhou, Lubang, etc.), times, and status indicators (P, S, etc.).

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Kunming, Sand Point, Chiangrai, Zalesovo, Novosibirsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Port Moresby, Nongplab Kurchatov, Kuching, Honiara, Gumbura, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Pithoragarh, Sitka, Kailua Kona, Honuapo, Dehra Dun, etc.

HYB	ePcP	PcP	21 49 55.0 +6.1
HYB	ePP	PP	21 51 23.0 +0.7
HYB	eS	S	21 57 20.0 -1.8
HYB	eSS	SS	22 01 24.0 +1.2
HYB	eSSS	SSS	22 04 00.0 -0.1
HYB	eP	P	21 49 05.0 -0.8
HYB	eS	S	21 57 24.0 +2.2
HYB	eP	P	21 49 05.0 -0.8
HYB	eS	S	21 57 24.0 +2.2
HYB	ePmax	Pmax	
HYB	eSmax	Smax	
comp=Z,750nm,1.0s,mb6.8			
HSP	eP	P	21 49 04.1 -1.2
ORR	iP	P	21 49 06.8 -1.4
ORR	S	S	21 57 19.9 -6.9
ORR	SS	SS	22 01 31.8 +2.6
ORR	ePmax	Pmax	
ORR	eSmax	Smax	
comp=Z,380nm,0.8s,mb6.6			
ORR	MLR	MLR	
comp=Z,139um,16.0s,MS7.2			
YKWS	P	P	21 49 07.4 -1.3
YKA	P	P	21 49 06.6 -2.3
comp=Z,253nm,0.7s,mb6.4,baz=300,slow=6.4,SNR=79			
YKA	LR	LR	22 15 23.6
comp=Z,84um,19.8s,MS6.9,baz=295,slow=36			
YKA	ePKPPK		22 18 18.6
YKA	iP	P	21 49 06.6 -2.3
YKA	iP	P	21 49 06.6 -2.3
YKA	iP	P	21 49 07.1 -1.9
YKA	iP	P	21 49 07.1 -1.9
comp=Z,253nm,0.7s			
LATR	eP	P	21 49 13.5 +0.8
MDRS	eP	P	21 49 14.1 +0.5
MDRS	Amb	AMB	21 49 24.5
comp=Z,1um,1.3s,mb6.9			
MDRS	eS	S	21 57 36.2 -0.3
MDRS	eS	S	22 08 21.0
comp=Z,12um,18.8s,MS6.1			
ASPA	eP	P	21 49 13.2 -1.1
ASPA	e		21 58 35.4
ASPA	ePKPPK		21 58 24.8
LVZ	iP	P	21 49 13.9 -0.2
LVZ	iS	S	21 57 36.1 -2.0
LVZ	iSS	SS	22 01 36.1 -7.4
comp=Z,301nm,1.0s,mb6.4			
LVZ	Pmax	Pmax	
comp=N,77nm,0.9s			
LVZ	Pmax	Pmax	
comp=E,69nm,0.9s			
LVZ	Pmax	Pmax	
comp=N,8um,9.8s			
LVZ	Pmax	Pmax	
comp=Z,25um,9.8s			
LVZ	Pmax	Pmax	
comp=E,9um,8.9s			
LVZ	smax	smax	
comp=E,15um,9.8s			
LVZ	smax	smax	
comp=Z,2um,4.4s			
LVZ	smax	smax	
comp=N,5um,7.9s			
LVZ	MLR	MLR	
comp=Z,118um,21.0s,MS7.0			
LVZ	MLR	MLR	
comp=N,53um,15.0s			
LVZ	MLR	MLR	
comp=E,85um,18.0s			
APA	iP	P	21 49 16.4 -1.5
APA	i		21 49 29.0
APA	i		21 49 53.0
APA	iPPP	PPP	21 53 13.0 +4.3
APA	iS	S	21 57 37.0 -8.3
APA	Pmax	Pmax	
comp=Z,270nm,1.2s,mb6.2			
APA	Pmax	Pmax	
comp=Z,39um,10.0s			
DZM	eP	P	21 49 20.8 +0.6
DZM	LR	LR	22 12 11.1
comp=Z,70um,19.4s,MS6.8,baz=345,slow=32			
KEV	eP	P	21 49 19.9 -1.8
KEV	eP	P	21 49 19.9 -1.8
KEV	ePmax	Pmax	
comp=Z,226nm,0.8s,mb6.3			
OCWA	eP	P	21 49 23.7 +0.6
OCWA	LR	LR	
comp=Z,1um,1.3s,mb6.7			
PGC	eP	P	21 49 22.6 -0.5
PGC	P	P	21 49 25.8 -1.7
ARCES	eP	P	21 49 23.8 -1.3
comp=Z,85nm,0.9s,mb5.8,baz=51,slow=7.8,SNR=25			
ARCES	PP	PP	21 51 47.9 +0.1
ARCES	eP	P	22 18 19.1
comp=Z,64nm,0.9s,baz=45,slow=7.7,SNR=3.6			
ARCES	eP	P	22 18 19.1
comp=Z,20nm,1.0s,baz=270,slow=3.6,SNR=6.1			
ARCES	LR	LR	22 21 53.3
comp=Z,98um,18.6s,MS7.0,baz=47,slow=40			
AREO	eP	P	21 49 25.0 -0.2
POO	eP	P	21 49 27.8 +1.4
POO	Amb	AMB	21 49 38.2
comp=Z,2um,1.4s,mb6.9			
POO	ex	x	21 57 58.5
SQM	eP	P	21 49 27.1 +0.6
WISH	P	P	21 49 27.0 +0.4
KLMR	iP	P	21 49 27.3 -0.3
KLMR	iS	S	21 51 55.5
KLMR	iSS	SS	22 02 08.3 -7.0
comp=Z,1um,1.5s,mb6.8			
KLMR	Pmax	Pmax	
comp=Z,7um,7.4s			
KLMR	smax	smax	
comp=E,17um,6.9s			
KLMR	MLR	MLR	
comp=Z,156um,16.0s,MS7.3			
KAD	eP	P	21 49 28.9 -0.3
KAD	Amb	AMB	21 49 39.2
comp=Z,2um,1.3s,mb6.9			
KAD	ex	x	21 58 00.0
GNW	eP	P	21 49 28.6 -0.3
BOM	eP	P	21 49 30.2 -0.1
BOM	eS	S	21 58 12.6 +4.2
PECR	iP	P	21 49 28.6 -1.3
PECR	e		21 51 48.0
PECR	eS	S	21 58 10.0 +1.9
comp=Z,25um,10.0s			
PECR	Pmax	Pmax	
comp=N,7um,10.0s			
PECR	Pmax	Pmax	
comp=Z,18um,10.0s			
PECR	Pmax	Pmax	
comp=E,11um,8.0s			
PECR	smax	smax	
comp=N,15um,10.4s			
PECR	smax	smax	
comp=Z,30um,12.0s			
BHJ	eP	P	21 49 31.2 +0.2
BHJ	Amb	AMB	21 49 41.6
comp=Z,1um,1.4s,mb6.7			
BHJ	ex	x	21 58 04.8
BHJ	AMS	AMS	22 19 37.9
comp=Z,60um,19.0s,MS6.8			
KTK1	eP	P	21 49 30.8 -0.6
KTK1	eP	P	21 49 34.0 -1.8
KTK1	Amb	AMB	21 49 41.2
comp=Z,693nm,1.5s,mb6.5			
KTK1	ePP	PP	21 51 52.5 -3.9
KTK1	eP	P	21 49 30.8 -0.6
DAG	iP	P	21 49 29.7 -1.8
DAG	iP	P	21 49 29.7 -1.8
comp=Z,538nm,0.9s,mb6.6			
DAG	Pmax	Pmax	
comp=Z,59um,18.0s			
DAG	MLR	MLR	
comp=Z,540nm,0.9s,mb6.6			
DAG	MLR	MLR	
comp=Z,59um,18.0s,MS6.8			
DAG	MLR	MLR	

TTW	comp=N,58um,16.0s	P	P	21 49 32.0 -0.8
PALK	Toit Reservoir	65.13 48	P	21 49 33.0 -0.5
PALK	Palleke	65.27 259	P	
comp=Z,16um,21.0s,MS6.2				
LOH	Longmire	65.53 49	P	21 49 34.6 -0.8
TRO	Tromso	65.63 342	P	21 49 35.7 0.0
TRO	Amb		AMB	21 49 44.5
comp=Z,1um,1.8s,mb6.6				
TRO	AMS	AMS		22 25 20.9
comp=Z,81um,15.5s,MS7.0				
TRO	iP	P	21 49 35.7 0.0	
comp=Z,1um,1.8s,mb6.5				
COR	Corvallis	65.70 52	P	21 49 37.3 +0.7
COR	eP	P	21 49 42.2 +1.2	
COR	LR	LR		
comp=Z,57um,19.0s,MS6.8				
COR	Corvallis	65.70 52	P	21 49 37.3 +0.7
comp=Z,57um,19.0s,MS6.8				
VAN	Vannovskaya	65.73 300	P	21 49 36.4 -0.5
VAN	LR	LR		21 58 21.4 +0.4
VAN	LR	LR		22 15 27.5
AFI	Afiama	65.73 133	P	21 49 36.2 -1.0
AFI	AFIama	65.73 133	P	21 49 36.2 -1.0
comp=Z,1um,1.8s,mb6.6				
AFI	eP	P	21 49 40.5 -1.2	
AFI	LR	LR		
comp=Z,57um,19.0s,MS6.8				
AFI	Afiama	65.73 133	P	21 49 36.2 -1.0
AFI	ePmax	Pmax		
comp=Z,1um,1.8s,mb6.6				
AFI	MLR	MLR		
comp=Z,57um,19.0s,MS6.8				
KEBM	Edson Butte	65.92 54	P	21 49 38.7 +0.7
KEBM	ePcP	PcP	21 50 07.7 -1.0	
KBO	Bosley Butte	66.32 54	P	21 49 41.0 +0.5
HOOD	Mount Hood Mea	66.34 50	P	21 49 40.9 +0.3
JOF	Jangsoo	66.35 333	P	21 49 37.1 -3.2
comp=Z,192nm,0.7s,mb6.2				
MNGI	Mengou	66.48 268	P	21 49 41.2 -0.8
MNGI	eS	S	21 58 34.0 +3.5	
EDM	Edmonton	66.83 40	P	21 49 42.2 -1.4
HUMO	Hull Mountain	66.92 53	P	21 49 44.5 +0.1
comp=Z,2um,2.1s,mb6.8				
HUMO	LR	LR		
comp=Z,47um,19.0s,MS6.7				
HAWA	Hanford	67.06 48	P	21 49 45.0 -0.2
HAWA	LR	LR		
comp=Z,3um,19.0s				
WRD	Warden	67.08 48	P	21 49 44.3 -1.0
COCO	West Island	67.21 232	eP	21 49 47.8 +1.1
comp=Z,2um,1.3s,mb7.0				
COCO	eP	P	21 49 51.0 -0.1	
COCO	LR	LR		
comp=Z,9um,20.0s,MS6.0				
KHMM	Horse Mountain	67.32 55	P	21 49 47.3 +0.3
TRD	Trivandrum	67.43 263	P	21 49 48.1 0.0
TRD	Amb	AMB	21 49 58.6	
comp=Z,1um,1.2s,mb6.8				
TRD	eS	S	21 58 42.9 +1.0	
TRD	AMS	AMS	22 12 05.5	
comp=Z,12um,21.3s,MS6.1				
NEW	Newport	67.47 46	P	21 49 46.3 -1.5
comp=Z,148nm,0.9s,mb6.0,baz=303,slow=5.6,SNR=79				
NEW	LR	LR	22 13 38.0	
comp=Z,47um,21.5s,MS6.7,baz=295,slow=31				
NEW	Newport	67.47 46	P	21 49 46.7 -1.0
comp=Z,1um,1.2s,mb6.7				
NEW	LR	LR		
comp=Z,52um,21.0s,MS6.7				
NEW	Newport	67.47 46	P	21 49 46.3 -1.4
comp=Z,148nm,0.9s				
NEW	Pmax	Pmax		
comp=Z,47um,21.5s				
YBH	Yreka Blue Hor	67.53 54	P	21 49 48.2 -0.1
YBH	eP	P	21 49 53.8 +1.1	
YBH	LR	LR		
comp=Z,49um,19.0s,MS6.8				
YBH	Yreka Blue Hor	67.53 54	P	21 49 48.2 -0.1
YBH	ePP	P	21 49 53.8 +1.1	
YBH	Pmax	Pmax		
comp=Z,757nm,1.4s				
YBH	MLR	MLR		
comp=Z,49um,19.0s				
KCPM	Cahto Peak	68.04 56	eP	21 49 51.9 +0.4
KCPM	eP	P	21 49 55.5 -0.5	
KIPM	Iron Peak	68.04 56	eP	21 49 52.1 +0.6
MOS	Moscow	68.06 324	eP	21 49 54.6 -1.3
MOS	e		21 49 50.4 -0.9	
MOS	e		21 50 16.6	
MOS	e		21 52 18.9	
MOS	ePPP	PPP	21 53 59.6 -0.9	
MOS	iS	S	21 58 50.4 +1.7	
MOS	iS	S	21 59 30.2	
MOS	iSS	SS	22 03 11.9 -0.7	
MOS	eSSS	SSS	22 06 12.6 -0.1	
comp=Z,15um,5.7s				
MOS	Pmax	Pmax		
comp=N,6um,5.4s				
MOS	Pmax	Pmax		
comp=E,3um,6.0s				
MOS	Pmax	Pmax		
comp=Z,2um,1.7s,mb6.9				
MOS	Pmax	Pmax		
comp=N,780nm,1.4s				
MOS	Pmax	Pmax		
comp=E,267nm,1.4s				
MOS	smax	smax		
comp=N,12um,5.8s				
MOS	smax	smax		
comp=E,8um,6.6s				
MOS	MLR	MLR		
comp=N,126um,15.0s,MS7.3				
MOS	MLR	MLR		
comp=Z,198um,15.0s,MS7.5				
MOS	MLR	MLR		
comp=E,47um,15.4s,MS7.3				
LOF	Lofoten	68.06 342	eP	21 49 51.9 +0.8
LOF	Amb	AMB	21 50 02.6	
comp=Z,442nm,1.6s,mb6.3				
LOF	ePP	PP	21 52 21.9 -1.4	
LOF	eP	P	21 49 51.9 +0.8	
WDC	Whiskeytown Da	68.25 55	P	21 49 52.2 -0.5
WDC	iP	P	21 49 50.4 -0.9	
comp=Z,1um,1.4s,mb6.7				
WDC	eP	P	21 49 55.9 -1.3	
WDC	LR	LR		
comp=Z,30um,20.0s,MS6.5				
WDC	Whiskeytown Da	68.25 55	P	21 49 52.2 -0.6
comp=Z,1um,1.4s,mb6.7				
WDC	MLR	MLR		
comp=Z,30um,20.0s,MS6.5				
KAF	Kangasniemi	68.65 334	P	21 49 52.6 -2.3
comp=Z,359nm,1.0s,mb6.3,baz=43,slow=5.4				
KAF	Kangasniemi	68.65 334	P	21 49 52.6 -2.3
comp=Z,359nm,1.0s,mb6.3				
PUL	Pulkovo	68.70 330	iP	21 49 54.0 -1.2
PUL	Pulkovo	68.70 330	P	21 49 54.4 -0.8
PUL	iP	P	21 52 23.3	
PUL	i		21 54 11.2	
PUL	iS	S	21 58 55.7 -0.6	
comp=N,644nm,0.9s				

14d 21h

Table with columns for location, elevation, and coordinates. Includes entries like LJU, Ljubljana, WCB1 Church Bay, LBZ Lake Benmore, CLNB Carlsbad, etc.

2005 NOV

Table with columns for location, elevation, and coordinates. Includes entries like OHR Ohrid, BHM Brajci-Budva, LIBD Limburg, WEIN Wein, etc.

330

Table with columns for location, elevation, and coordinates. Includes entries like VAL Valentia, FSSB Fossombrone, MCGN Macugnaga, DZNS Zahran al Janu, etc.

Table with columns: GRR, GORRON, 88.71 338, P, 21 51 44.3 -0.1, etc. Lists various locations and their corresponding values and categories.

Table with columns: PGF, PGI, 90.31 329, P, 21 51 51.0 -1.1, etc. Lists various locations and their corresponding values and categories.

Table with columns: ELN, ELN, 94.07 35, P, 21 52 08.6 -0.9, etc. Lists various locations and their corresponding values and categories.

14d 22h

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, and other parameters. Includes stations like Taret, Luque, Cogollos-Vega, Sierra Loja, etc.

2005 NOV

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, and other parameters. Includes stations like Lobatse, Boshof, Suthelo, etc.

322

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, and other parameters. Includes stations like Brasilia, JMA 14 21:44, JMA 14 21:54, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ROSC El Rosal, LPZA La Paz, SAML Samuel, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SBL San Blas, SBL San Blas, SBL San Blas, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OFUJ, JIO, MIYJ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OFUJ, JIO, MIYJ, etc.

Table with columns: BRVK, CHKZ, ILAR, GSPA, LPAZ, etc. Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like Chkalovo, Eielson Array, South Pole Qui, etc.

PGC 15:00:23:08.2, 70.52N-133.15W, h35km, MLSn3.1/3, Beaufort Sea, Beaufort Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like INUK, DAWY, etc.

NEIC 14 23:34:33.2, 0.43, 10Nk128.14W, h10km, mb3.8/2, Error ellipse: s-maj=22.7km s-min=7.1km az=80.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KEBM, RHO, HNO, etc.

NEIC 14 23:43:46.7, 0.7, 5.02S-76.51W, h35km, mb3.8/1, Error ellipse: s-maj=27.5km s-min=13.0km az=57.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like NNA, NNA, SAML, etc.

IDC 15 00:23:17.3: 1.1, 12.32N-90.76E, mb4.2/9, mb1 4.3/9, mb1mx4.0/20, mbtmp4.2/9, Error ellipse: s-maj=50.1km s-min=16.6km az=58.0

MOS 15 00:23:19.6: 1.3, 12.20N-90.47E, h33km, mb4.9/6, Error ellipse: s-maj=17.0km s-min=9.0km az=101.6

NEIC 15 00:23:21.6: 0.5, 12.35N-90.64E, h30km, mb4.6/10, Error ellipse: s-maj=13.7km s-min=8.0km az=57.0

BUL 15 00:23:24.1, 12.76N-90.66E, h30km, mb5.1, mb4.2, Ms4.5, Msz4.6

ISC 15 00:23:16.1: 2.7, 12.29N-0.06, h6km, mb18km, n61, c12/65, mb4.3/17, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like PBA, VISH, VIS, etc.

JMA 14 23:35:02.1: 0.2, 38.26N-144.79E, h53km, M3.9, mb1mx4.0/19, mbtmp3.1/11, Error ellipse: s-maj=17.7km s-min=16.7km az=33.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OFUJ, MIYJ, JIO, etc.

IDC 14 23:45:49.8: 28.0, 18.00S-178.56W, h634km, 301km, mb3.1/3, mb1 3.3/3, mb1mx2.9/14, mbtmp4.3/3, Error ellipse: s-maj=201.2km s-min=101.9km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like CTA, STKA, etc.

JMA 14 23:55:56.3: 0.2, 38.14N-144.68E, h28km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OFUJ, JIO, MIYJ, etc.

IDC 14 23:35:58.6: 1.1, 2.98N-97.56E, mb4.1/11, mb1 4.2/11, mb1mx4.0/19, mbtmp3.1/11, Error ellipse: s-maj=17.7km s-min=16.7km az=33.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like OFUJ, MIYJ, JIO, etc.

NEIC 14 23:36:03.9: 0.5, 3.04N-97.40E, h30km, mb4.8/1, Error ellipse: s-maj=17.3km s-min=10.0km az=51.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KULM, SHL, etc.

ISC 14 23:36:01.8: 0.6, 3.02N-0.08-97.43E, 0.8h, h30km, n20, c091/21, mb4.3/13, Northern Sumatara

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KULM, SHL, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

IDC 15 00:08:49.6: 0.8, 1.91S-137.34E, mb4.1/6, mb1 4.4/8, mb1mx4.2/14, mbtmp4.3/8, MB3.9/2, Error ellipse: s-maj=38.8km s-min=18.9km az=77.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

NEIC 15 00:08:56.2: 0.6, 2.22S-137.14E, mb4.5/8, Error ellipse: s-maj=24.5km s-min=11.6km az=74.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

ISC 15 00:08:49.6: 5.2, 2.11S-107.137E, 0.1, h12km, 33km, n22, c114/27, mb4.2/9, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like KAKA, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JIO Ouri, JMK Ichinoseki, JOT Ohata, etc.

NEIC 15:02:06:49.5, 16.54N; 100.25W, h9km, MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, etc.

IDC 15:02:10:17.5; 4.1, 38.00N; 145.04E, mb3.5/2, mb1 3.7/4, mb1mx3.5/22, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=71.5km s-min=33.0km az=153.0

JMA 15:02:10:22.4; 1.2, 38.23N; 144.63E, h35km, M4.0, ISC 15:02:10:22.4; 1.2, 38.23N; 144.63E; 0.09; 147.60E; 0.09; h35km, n11, 0; 087/17, mb3.5/2, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, JMK Ichinoseki, etc.

JMA 15:02:13:18.8; 0.1, 38.16N; 144.61E, h55km, M3.8, Off east coast of Honshu

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

KRSC 15:02:13:37.5; 0.8, 50.02N; 155.56E, h22km; 19km, ML3.8, Kuril Islands

UGLR Uglouvaya 3.79 31 eP 02 14 36.8 +0.7

NEIC 15:02:13:57.6; 4.1, 6.60S; 127.89E, h318km; 49km, mb4.4/3, Error ellipse: s-maj=49.4km s-min=15.5km az=224.0

IDC 15:02:14:02.2; 6.0, 8.60S; 127.70E, h371km; 73km, mb3.7/5, mb1 3.8/7, mb1mx3.6/14, mbtmp4.5/7, Error ellipse: s-maj=45.6km s-min=19.6km az=50.0

ISC 15:02:15:52.9; 3.2, 6.35; 0.1; -128.2E; 0.2, h283km; 36km, n15, 0; 086/16, mb4.0/7, 3C-2D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

JMA 15:02:22:31.6; 0.2, 38.27N; 144.77E, h46km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

JMA 15:02:23:30.8; 0.1, 38.20N; 144.48E, h22km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, etc.

JMA 15:02:36:15.6; 0.2, 38.28N; 144.67E, h54km, M3.9, IDC 15:02:36:21.2; 1.6, 36.75N; 144.27E, mb3.6/2, mb1 3.9/3, mb1mx3.5/21, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=50.0km s-min=31.9km az=125.0

ISC 15:02:36:14.7; 1.6, 38.48N; 0.07; 144.8E; 0.1, h70km; 25km, n11, 0; 101/17, mb3.9/1, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

JMA 15:02:36:38.8; 0.3, 38.25N; 144.66E, h42km, M4.2, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

JMA 15:02:41:57.1; 0.2, 38.14N; 144.77E, h45km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, etc.

NEIC 15:02:50:59.0, 30.57S; 71.40W, h15km, ML3.0(GUC), After GUC

GUC 15:02:50:59.0; 0.8, 30.57S; 71.40W, h15km; 5km, MD3.9, ML3.0, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OVCH Ovalle, TLL Tololo Astrono, LSCH La Serena, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ILCH Illapel, CHNG Los Chungos, JACH Jahuel, etc.

IDC 15:03:34:41.7; 0.6, 20.32S; 173.82W, mb4.7/15, mb1 4.9/17, mb1mx4.8/19, mbtmp4.7/17, ML4.6/2, MS4.8/21, Ms1 4.8/21, ms1mx4.6/30, Error ellipse: s-maj=23.3km s-min=15.0km az=144.0

MOS 15:03:34:46.0; 1.1, 20.32S; 173.84W, h33km, mb5.2/29, MS4.9/16, Error ellipse: s-maj=14.1km s-min=10.2km az=51.4

BUI 15:03:34:46.8, 19.44S; 173.06W, h30km, mb5.4, mb5.0, MS5.2, MSz5.0

HRVD 15:03:34:47.5; 0.6, 20.47S; 173.07W, h26km; 1km, MW5.3/54, Centroid moment Tensor Solution. LP body waves: s23.c78; Mantle waves: s54.c78; Hal duration: 192 Moment tensor: Scale 10^17Nm; Mr: 1.0; 12; Mw: 0.32; 07; Mw: 0.77; 07; Mw: 0.17; 16; Mw: 0.34; 04; Mw: 0.07; 12; Best double couple: Ms1.045x10^17 NPT; phi203; 341; 832; NP2; 33; 849; 397; Principal axes: T 1.121, Plg83, Azm351; N - 1.5, Plg5; Azm208; P - .969, Plg4; Azm118; nstia refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 15:03:34:47.5; 0.2, 20.37S; 173.77W, mb5.0/42, MS4.9/22, Error ellipse: s-maj=8.2km s-min=4.6km az=140.0

ISC 15:03:34:46.0; 0.2, 20.44S; 0.06; 173.79W; 0.05, h36km, h36km; 4km; p-P, N245, 0; 190/152, mb4.9/64, MS4.8/54, 10C-6D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI Afiamalu, RAO Raoul Island, RAR Rarotonga, etc.

DZM Mont Dzumac 255 261 eP 03 39 02.4 +0.9

DZM Mont Dzumac 18.50 261 P 03 39 07.0 -0.8

DZM Mont Dzumac 13.13 96 Pn 03 43 17.7

NOUC Port Laguerre 18.63 261 eP 03 39 04.2 +1.2

NOUC Port Laguerre 18.63 261 eP 03 39 04.2 +1.2

URZ Urewera 19.43 202 P 03 39 11.3 -0.9

TBI Tubuai 22.75 102 eS 03 43 47.0 -0.5

TBI Tubuai 22.75 102 eS 03 43 47.0 -0.5

SNZO South Karori 22.99 203 eP 03 39 48.4 -0.1

SNZO South Karori 22.99 203 eP 03 39 48.4 -0.1

PPT Papeete 23.07 87 eS 03 43 51.5 -2.3

PPT Papeete 23.07 87 eS 03 43 51.5 -2.3

PPT Papeete 23.07 87 P 03 43 46.4 -3.1

PPT Papeete 23.07 87 P 03 43 46.4 -3.1

RPZ Rata Peaks 26.44 205 P 03 40 21.2 -0.3

RAE Nuku Hiva Isla 34.45 75 eL 03 50 49.8

TOK Rikitea 36.08 101 eS 03 47 21.9 -0.7

RKT Rikitea 36.08 101 eL 03 51 40.0

CTA Charters Tower 37.42 263 eP 03 41 56.6 -1.2

CTA Charters Tower 37.42 263 eP 03 41 56.6 -1.2

CTA Charters Tower 37.42 263 pmax pmax

TOO Toolangi 39.15 235 eP 03 42 12.3 +0.3

TOO Toolangi 39.15 235 eP 03 42 12.3 +0.3

TOO Toolangi 39.15 235 eP 03 42 12.3 +0.3

PMG Port Moresby 39.20 280 P 03 42 12.0 -0.6

PMG Port Moresby 39.20 280 P 03 42 12.0 -0.6

PMG Port Moresby 39.20 280 eP 03 42 23.2 +0.3

PMG Port Moresby 39.20 280 eP 03 42 23.2 +0.3

STKA Stephens Creek 41.38 245 P 03 42 29.3 -1.2

STKA Stephens Creek 41.38 245 eP 03 42 29.3 -1.2

STKA Stephens Creek 41.38 245 eP 03 42 29.3 -1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, CTA, AFI, STKA, WRA, SONM, ILAR, MKAR.

ATH 15 04:50:36.3, 40.32N-25.24E, h24km, MD3.2/3
THE 15 04:50:36.9, 40.30N-25.29E, h7km, ML2.8
NEIC 15 04:50:36.3, 40.32N-25.24E, h24km, MD3.2(ATH), After ATH.

CSEM 15 04:50:37.0, 40.1, 40.32N-25.26E, h15km, ML2.8, Error
ellipse: s-maj=3.7km s-min=2.7km az=117.0
ISC 15 04:50:37.1, 40.28N-0.05-25.31E, 0.06, h22km, gkm, n11, c0675/12,C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LOS, ALN, RDO, OUR, PRK, PAIG, NVR, SOH, KNT.

SOF 15 05:00:52.1, 40.28N-25.20E, h2km, MD3.1
ATH 15 05:00:54.0, 40.29N-25.22E, h2km, 1km, MD3.6/4
THE 15 05:00:55.0, 40.26N-25.33E, h2km, ML3.3
CSEM 15 05:00:55.0, 40.1, 40.31N-25.26E, h20km, ML3.3, Error
ellipse: s-maj=1.5km s-min=1.5km az=61.0
NEIC 15 05:00:55.0, 40.29N-25.33E, h2km, MD3.6(ATH), ML3.2(ATH), After THE.

SKO 15 05:00:59.4, 40.40N-25.30E
ISC 15 05:00:55.0, 40.29N-0.02-25.25E, 0.03, h20km, n33, c1102/51,C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LOS, LIA, ALN, RDO, OUR, PAIG, PRK, KDG, PLG, RZN, AYVA, NVR, SOH, AOS, MMB, DIM, XOR, NEO, KNT, LIT, BTOK, GRG, VAY, PAN, ELBA, VTS, SMG, PVL, ULDT, MANT.

ROM 15 05:07:04.0, 40.1, 42.74N-13.21E, h14km, 2km, MD3.0/6,
M3.3/124, Error ellipse: s-maj=1.5km s-min=0.9km
az=116.0

NEIC 15 05:07:04.4, 40.2, 42.74N-13.21E, h14km, ML3.1(ROM),
ML2.9(LDG), After ROM.

CSEM 15 05:07:04.5, 0.1, 42.72N-13.20E, h12km, ML2.9/7, Error
ellipse: s-maj=1.6km s-min=1.1km az=78.0
LDG 15 05:07:06.7, 0.2, 42.70N-13.24E, h10km, ML2.9/7, Error
ellipse: s-maj=0.8km s-min=4.7km az=66.0

VIE 15 05:07:06.7, 1.8, 42.71N-13.42E, h8km, mb2.7/5, ML3.0/8,
Error ellipse: s-maj=1.9, 1km s-min=12.5km az=54.0
ISC 15 05:07:04.7, 0.2, 42.73N-0.02-13.17E, 0.03, h14km, 2km,
n75, c1106/109, 18C-6D, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LNNS, AOU, FIAM, MNS, FAGN, SNTG, VCEL, CING, MURB, PTQR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTCE, ARV, CERT, AOI, INTR, VVLD, PIEI, SACS, FSSB, RDP, BADI, TOLF, GIUL, PESA, CRE, CII, FRES, SFI, PGD, CSNT, NVLJ, PGF, BOJS, VISS, STON, VOY, BUA, CTI, ROBS, BRT, PTCC, OBKA, APPI, BRES, KBA, KBA, WTTA, WTTA, WTTA, SQT, SQT, SQT, WATA, WATA, WATA, WATA, MOTA, MOTA, MOTA, MOTA, LMR, MBDF, DAVA, DAVA, DAVA, MOA, MOA, LPL, LPL, SMRF, HINF, CDF, CDF, HAU, HAU.

SKO 15 05:30:54.6, 39.88N-25.26E, h30km
ISC 15 05:30:55.5, 40.24N-25.09E, h19km, MD3.3, ML3.7
SOF 15 05:30:55.0, 40.35N-25.26E, h2km, MD3.4
NEIC 15 05:30:55.0, 40.24N-25.08E, h2km, MD3.5(ATH),
MD3.4(ISK), After ISK.

ATH 15 05:30:56.5, 40.31N-25.25E, h23km, MD3.5/5
THE 15 05:30:57.5, 40.25N-25.35E, h19km, ML3.6
CSEM 15 05:30:57.5, 0.1, 40.30N-25.26E, h20km, ML3.6, Error
ellipse: s-maj=1.6km s-min=1.2km az=171.0
ISC 15 05:30:57.2, 0.5, 40.28N-0.02-25.26E, 0.02, h19km, 5km,
n77, c1106/95, 6C-4D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LOS, LIA, ALN, RDO, OUR, PRK, PAIG, NVR, SOH, AOS, MMB, DIM, XOR, NEO, KNT, LIT, BTOK, GRG, VAY, PAN, ELBA, VTS, SMG, PVL, ULDT, MANT.

SKO 15 05:30:54.6, 39.88N-25.26E, h30km
ISC 15 05:30:55.5, 40.24N-25.09E, h19km, MD3.3, ML3.7
SOF 15 05:30:55.0, 40.35N-25.26E, h2km, MD3.4
NEIC 15 05:30:55.0, 40.24N-25.08E, h2km, MD3.5(ATH),
MD3.4(ISK), After ISK.

ATH 15 05:30:56.5, 40.31N-25.25E, h23km, MD3.5/5
THE 15 05:30:57.5, 40.25N-25.35E, h19km, ML3.6
CSEM 15 05:30:57.5, 0.1, 40.30N-25.26E, h20km, ML3.6, Error
ellipse: s-maj=1.6km s-min=1.2km az=171.0
ISC 15 05:30:57.2, 0.5, 40.28N-0.02-25.26E, 0.02, h19km, 5km,
n77, c1106/95, 6C-4D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LOS, LIA, ALN, RDO, OUR, PRK, PAIG, NVR, SOH, AOS, MMB, DIM, XOR, NEO, KNT, LIT, BTOK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LPK, PAIG, PRK, KDG, PLG, RZN, NVR, SART, AOS, SOH, MFT, MMB, DIM, THE, MRMT, XOR, EDRE, EDC, KNT, BALB, LIT, URLA, GRG, KKB, VAY, BLCB, KCT, JMB, PGB, FLOR, KDAG, IZM, CTT, ELBA, AGG, DST, VTS, ORLT, PVL, ULDT, BADT, ISK, BIA, MANT, YLV, PRD, SKO, SKO, HERE, GDZ, BODT, BDRM, YER, ALT, ESKT, ESKT, FEY, TIR, VOIR, VOIR, MLR, CFR, CFR, DIVS, BURAR, BURAR.

ISK 15 05:51:31.3, 40.33N-25.10E, h28km, ML4.3
ATH 15 05:51:31.9, 40.32N-25.28E, h2km, MD4.0/10, ML4.1
SKO 15 05:51:31.1, 40.02N-25.38E, h20km
SOF 15 05:51:31.6, 40.37N-25.29E, h10km, MD4.0
PDG 15 05:51:32.5, 0.5, 40.33N-25.27E, h21km, 1km
IDC 15 05:51:32.6, 1.7, 40.40N-25.32E, mb3.6/3, mb1.3/8.9,
mb1mx3.7/26, mbmp3.7/9, ML3.8/2, MS3.1/7, Ms1.3/2.7,
ms1mx3.0/33, Error ellipse: s-maj=25.0km s-min=19.5km
az=53.0

THE 15 05:51:33.0, 40.19N-25.40E, h20km, ML4.2
NEIC 15 05:51:33.3, 40.23N-25.37E, h2km, MD3.8(PDG),
ML4.4(TH), ML4.2(ISK), ML4.1(ATH), After THE.

CSEM 15 05:51:33.6, 0.4, 40.31N-25.32E, h4km, mb3.6/3, Error
ellipse: s-maj=1.4km s-min=0.9km az=18.0
MOS 15 05:51:34.7, 1.1, 40.42N-25.34E, h29km, mb3.8/3, Error
ellipse: s-maj=4.0km s-min=4.9km az=93.4
ISC 15 05:51:32.8, 0.1, 40.32N-0.02-25.26E, 0.02, h26km, n161,
c094/199, mb3.5/3, MS3.0/3, 18C-15D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LOS, LIA, ALN, RDO, OUR, PRK, PAIG, NVR, SOH, AOS, MMB, DIM, XOR, NEO, KNT, LIT, BTOK.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTOK, URLA, KKB, GRG, VAY, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR, DRGR, CDAG, KIS, etc.

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

Table with columns: Station Name, Time, Res, etc. Includes stations like NEM2, MAT, etc.

KNET 15 07:10:22.5:0.7, 41.65N:74.19E, h13km, 2km, ml2.8, Error ellipse: s-maj=4.1km s-min=2.2km az=16.0

NNC 15 07:10:25.8:3.5, 41.79N:74.11E, mpv3.3, Error ellipse: s-maj=29.2km s-min=12.7km az=162.0

ISC 15 07:10:22.2:1.4, 41.56N:0.07:74.11E:0.06, h10km, n14, c0711/24, 12C-11D, Kyrgyzstan

Main table for 15d 9h section, listing station names, times, and residuals for various stations like AML, UCH, KZA, etc.

JMA 15 07:11:32.2:0.1, 38.23N:144.64E, h42km, M3.7, Off east coast of Honshu

Table for JMA 15 07:11:32.2:0.1, listing station names and residuals.

IDC 15 07:18:21.9:4.0, 11.23S:165.35E, mb4.0/3, mb1 4.2/3, mb1mx3.9/13, mbtmp3.9/3, MS3.6/1, Ms1 3.5/1, ms1mx2.9/12, Error ellipse: s-maj=167.5km s-min=36.8km az=141.0, Santa Cruz Islands

Table for IDC 15 07:18:21.9:4.0, listing station names and residuals.

NNC 15 07:29:10.5:2.1, 36.87N:70.78E, h138km, 38km, mpv3.5, 3C-2D, Error ellipse: s-maj=25.3km s-min=14.8km az=50.0, Hindu Kush region

Table for NNC 15 07:29:10.5:2.1, listing station names and residuals.

JMA 15 07:47:46.3:1.5, 38.21N:10.144.7E:0.1, h80km, 58km, n13, c078/20, Off east coast of Honshu

Table for JMA 15 07:47:46.3:1.5, listing station names and residuals.

NIED 15 08:00:00.38.20N:144.80E, h5km, Mw3.8 Best double couple: M5.88x10^14 NP1:30231, 877, lambda:30. NP2:21, 814, lambda:119

JMA 15 08:00:49.4:0.2, 38.18N:144.78E, h52km, M3.6, Off east coast of Honshu

Table for JMA 15 08:00:49.4:0.2, listing station names and residuals.

Table for 2005 NOV section, listing station names and residuals.

IDC 15 08:01:40.6:1.0, 24.49N:123.00E, mb3.9/5, mb1 4.1/6, mb1mx3.8/20, mbtmp4.0/6, ML4.7/1, Error ellipse: s-maj=41.0km s-min=19.2km az=62.0

NEIC 15 08:01:50.3:2.4, 67N:123.32E, h80km, mb4.3/1, After JMA

JMA 15 08:01:50.3:0.1, 24.67N:123.32E, h80km, 1km, M3.7

ISC 15 08:01:49.0:0.4, 24.64N:0.06:123.32E:0.04, h92km, 4km, n25, c089/34, mb3.9/6, 3D, Southwestern Ryukyu Islands

Main table for 2005 NOV section, listing station names and residuals.

IDC 15 08:06:19.0:1.0, 86.02N:25.03E, mb3.6/7, mb1 3.9/8, mb1mx3.7/22, mbtmp3.7/8, ML4.0/1, MS3.3/9, Ms1 3.3/9, ms1mx3.1/23, Error ellipse: s-maj=35.3km s-min=17.9km az=66.0

NAO 15 08:06:19.0:1.8, 85.81N:25.93E, h39km, 78km, ML2.4

NEIC 15 08:06:19.8:0.8, 85.87N:22.93E, h10km, Error ellipse: s-maj=22.6km s-min=13.1km az=80.0, North of Svalbard

Main table for 2005 NOV section, listing station names and residuals.

IDC 15 08:19:55.1:4.3, 1.25N:97.40E, mb3.8/3, mb1 3.9/3, mb1mx3.7/16, mbtmp3.8/3, Error ellipse: s-maj=165.4km s-min=28.3km az=57.0

NEIC 15 08:19:58.9:1.2, 1.15N:97.26E, h30km, 36.9/1, Error ellipse: s-maj=22.2km s-min=14.1km az=57.0

ISC 15 08:19:57.3:1.6, 1.2N:0.2:97.3E:0.2, h30km, n6, c085/16, mb3.8/4, 1C, Northern Sumatra

Table for IDC 15 08:19:55.1:4.3, listing station names and residuals.

NEIC 15 08:21:37.2, 35.04S:70.48W, h19km, ML2.8(GUC), After GUC

GUC 15 08:21:37.2:0.6, 35.04S:70.48W, h19km, 2km, MD3.7, ML2.8, 3D, Chile-Argentina border region

Table for NEIC 15 08:21:37.2, listing station names and residuals.

Table for 2005 NOV section, listing station names and residuals.

WEL 15 09:00:17.2:0.3, 38.49S:175.82E, h153km, 2km, ML3.5/14, Error ellipse: s-maj=2.8km s-min=2.7km az=90.0, North Island

ISC 15 09:00:17.2:0.3, 38.49S:175.82E, h153km, 2km, ML3.5/14, Error ellipse: s-maj=2.8km s-min=2.7km az=90.0, North Island

Main table for 2005 NOV section, listing station names and residuals.

MOS 15 09:08:35.0:0.9, 28.82N:139.89E, h363km, mb4.4/7, Error ellipse: s-maj=19.3km s-min=8.6km az=110.7

IDC 15 09:08:35.0:0.7, 28.78N:139.90E, h352km, 6km, mb3.5/15, mb1 3.7/18, mb1mx3.7/22, mbtmp4.2/18, Error ellipse: s-maj=16.8km s-min=9.7km az=92.0

BJI 15 09:08:36.7:0.8, 28.80N:139.90E, h366km, mb4.5, mb4.1

JMA 15 09:08:36.5:0.2, 28.95N:140.40E, h365km, 3km, M4.1

NEIC 15 09:08:36.7:0.8, 28.82N:139.88E, h366km, 8km, mb4.4/11, Error ellipse: s-maj=10.1km s-min=7.9km az=105.0

ISC 15 09:08:35.0:0.3, 28.84N:0.03:139.89E:0.07, h362km, 3km, n85, c1906/102, mb4.0/31, 1C-1D, Bonin Islands region

Main table for 2005 NOV section, listing station names and residuals.

15d 14h

Table with columns: MDJ, HHC, SONM, BILL, GUNBA, PKI, KKN, DMN, GKN, KOLN, WMQ, ILAR, MKAR, MAW, SYO, CHKZ, NEW, FINES, LBTB, BDFB, DBIC. Includes station names, codes, and coordinates.

ISK 15 13:39:49.7, 38.11N-26.77E, h10km, MD3.3
ATH 15 13:39:50.0, 38.17N-26.74E, h34km, 1km, MD3.3/3
CSEM 15 13:39:50.0, 38.20N-26.79E, h20km, MD3.3, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IZMIR, SAMOS, BODRUM, etc.

NIED 15 13:41:00, 23.60N-120.90E, h89km, Mw4.8 Best double couple: M1.51x1016 Np1.74, 882, 1-69. Np2.9s184, 823, 1-159

BUJ 15 13:41:33.3, 23.16N-120.93E, h11km, mb4.5, mb4.5, ML4.4, Ms4.1, Ms3.9
NEIC 15 13:41:34.0, 23.35N-120.92E, h2km, mb4.6/1, ML4.7(TAP), After TAP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NINGANCHIAO, YEHENG, TAIPEI, etc.

HATJ HATERUMA JIMA 2.78 71 P P 13 42 22.2 +2.7
IRIF IRIOMOTE-FUNAU 2.81 66 P P 13 42 21.2 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KURCHATOV, TARRANT CREEK, BOROVYOE, etc.

STR 15 13:43:55.0, 3.39, 34.39N-6.80E, h1km, 1km, ML2.6, Error
BGR 15 13:43:55.9, 0.4, 49.34N-6.83E, h1km, ML2.3/3, Error

2005 NOV

Error ellipse: s-maj=1.6km s-min=1.5km az=95.0, Suspected Mining Induced.
BNS 15 13:43:56.6, 0.3, 49.36N-6.94E, h1km, ML2.4
NEIC 15 13:43:56.1, 49.33N-6.82E, h1km, ML3.1(LDG), After LDG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WAFERDANGE, ALTEBURG, LANGENBERG, etc.

ISK 15 13:43:54.0, 0.3, 49.32N-6.01, 6.75E-0.03, n42, c1909/83, 2C, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KALITSPERRE, MEZFP, TNS, etc.

ATH 15 13:44:51.1, 38.07N-26.55E, h30km, MD3.2/3
ISK 15 13:44:52.3, 38.11N-26.77E, h20km, MD3.1
CSEM 15 13:44:52.3, 38.13N-26.80E, h20km, MD3.1, Error

ellip: s-maj=3.4km s-min=2.1km az=94.0
ISC 15 13:44:51.2, 0.6, 38.14N-2.03, 26.61E-0.05, h10km, n24, c1923/34, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IZMIR, SAMOS, BODRUM, etc.

ATH 15 13:44:51.1, 38.07N-26.55E, h30km, MD3.2/3
ISK 15 13:44:52.3, 38.11N-26.77E, h20km, MD3.1
CSEM 15 13:44:52.3, 38.13N-26.80E, h20km, MD3.1, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URLA, SMG, IZMIR, etc.

Table with columns: FETY, KCT, ULDT, ULDT, TKTP, TKTP. Includes station names and coordinates.

346

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MAN 15, DCPH, PAGZ, etc.

THR 15 14:07:12.7, 0.8, 34.18N-52.07E, h16km, 6km, ML3.3
CSEM 15 14:07:12.6, 0.1, 34.19N-52.08E, h16km, ML4.0, Error
ellip: s-maj=1.8km s-min=1.2km az=85.0

TEH 15 14:07:14.0, 0.4, 18n-52.07E, h10km, Mn4.0
ISC 15 14:07:12.9, 0.4, 34.14N-0.02, 52.03E-0.04, h10km, n33, c1928/34, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ISFB, IVRN, IKOH, etc.

IDC 15 14:12:54.5, 4.4, 1.40N-97.31E, mb3.5/3, mb1 3.6/3, mb1mx3.4/16, mbtmp3.5/3, Error ellipse: s-maj=167.1km s-min=30.1km az=57.0, Northern Sumatera

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

IDC 15 14:14:36.2, 3.7, 1.44N-97.38E, mb4.0/4, mb1 4.2/4, mb1mx3.8/17, mbtmp4.0/4, MS3.7/1, Ms1 3.7/1, ms1mx3.0/22, Error ellipse: s-maj=143.9km s-min=26.3km az=57.0

BUJ 15 14:14:37.3, 1.08N-97.38E, h41km, mb4.4, mb4.5, Ms4.2, Ms2.9
NEIC 15 14:14:39.5, 0.9, 1.28N-97.15E, h30km, mb4.4/4, Error
ellip: s-maj=19.4km s-min=13.0km az=213.0

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

IDC 15 14:14:36.2, 3.7, 1.44N-97.38E, mb4.0/4, mb1 4.2/4, mb1mx3.8/17, mbtmp4.0/4, MS3.7/1, Ms1 3.7/1, ms1mx3.0/22, Error ellipse: s-maj=143.9km s-min=26.3km az=57.0

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

NEIC 15 14:34:07.4, 1.3, 17.94S-178.45W, h568km, 22km, mb4.2/4, Error ellipse: s-maj=66.2km s-min=17.9km az=156.0
IDC 15 14:34:07.9, 2.1, 17.77S-178.51W, h567km, 26km, mb3.2/7, mb1 3.4/8, mb1mx3.3/15, mbtmp4.1/8, Error ellipse: s-maj=58.1km s-min=15.1km az=155.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, Malin Array Be, Kecovo, Buyukada, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVS, Novosibirsk, Zalesovo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAT, MJAR, Matsushiro, etc.

15d 16h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WVOR Wild Horse Val, KIV Kislov, HFS Hagfors, etc.

LDG 15 16:47:17.8, 0.2, 16.98S; 169.25E, h10km, Mb4.5/2, Error ellipse: s-maj=30.9km s-min=2.7km az=108.0

MOS 15 16:47:33.2, 8.8, 16.87S; 169.18E, h155km, mb5.0/3, Error ellipse: s-maj=11.9km s-min=1.1km az=149.4

NEIC 15 16:47:41.3, 0.9, 18.83S; 169.19E, h237km, km, mb4.8/26, Error ellipse: s-maj=7.8km s-min=6.1km az=145.0

IDC 15 16:47:41.6, 1.1, 18.87S; 169.11E, h236km, 10km, mb4.4/19, mb1 4.4/22, mb1mx4.4/24, mbtmp4.9/22, Error ellipse: s-maj=14.0km s-min=10.0km az=141.0

BUI 15 16:47:45.8, 17.93S; 168.53E, h237km, mb4.9, mb4.5, ISC 15 16:47:40.9, 0.9, 18.84S; 169.13E, 0.06, h244km, gkm, h179.0685/100, mb4.6/44, 10C-12D, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DZM Mont Dzumac, AFH Honiara, AFJ Afiamalu, etc.

2005 NOV

Table with columns: S, E, L, R, P, Res, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, NJ2 Nanjing, QSPA South Pole Qui, etc.

350

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like GEC2 GERESS Array S, SKO Skopje, WET Wetzell, etc.

BUI 15 16:53:35.5, 57.30N; 120.90E, h5km, ML4.4

BYKL 15 16:53:35.7, 0.3, 57.41N; 120.77E

NEIC 15 16:53:55.0, 6.7, 57.34N; 120.90E, h5km, mb3.9/1, Error ellipse: s-maj=1.32km s-min=10.3km az=103.0

IDC 15 16:53:55.1, 1.0, 57.39N; 120.84E, mb3.7/10, mb1 3.9/11, mb1mx3.8/22, mbtmp3.7/11, ML3.3/1, MS3.3/1, Ms1 3.3/1, ms1mx2.9/31, Error ellipse: s-maj=24.8km s-min=2.3km az=164.0

MOS 15 16:53:36.2, 1.5, 57.57N; 120.62E, h16km, mb4.5/3, Error ellipse: s-maj=12.8km s-min=8.0km az=65.4

ISC 15 16:53:36.9, 0.3, 57.57N; 120.85E, h16km, m67, s12/73, mb4.0/14, 1C, Southeastern Siberia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CRS Chara, CRN Cornudas Mount, ANMO Albuquerque, etc.

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

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

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

15d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PET, TIY, HHC, BTO, NRG, CLNS, XAN, MA2, ENH, CIT, YAK, DAV, SONM, SEY, GYA, LZH, and UNV.

2005 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, UNV, WMO, LSA, PMG, PMS, KSM, NHT, SHL, TNA, ZAL, NVS, SDPT, SNG, HNR, MKAR, KAKA, KULM, IPM, KGM, GUN, CAL, PKI, KKN, KURK, DMN, SWV2, GKN, BOK, KOLN, KDAK, IMA2, AAA, SKLM, FIB, TKM2, PMR, PTH, KZA, and ALBI.

354

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UNV, WMO, LSA, PMG, PMS, KSM, NHT, SHL, TNA, ZAL, NVS, SDPT, SNG, HNR, MKAR, KAKA, KULM, IPM, KGM, GUN, CAL, PKI, KKN, KURK, DMN, SWV2, GKN, BOK, KOLN, KDAK, IMA2, AAA, SKLM, FIB, TKM2, PMR, PTH, KZA, and ALBI.

15d 21h1c

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SMOL, GERES, ARSBERG, etc.

MOS 15 21:17:56.9,0.9,36.33N,140.89E,h33km,mb5.1/68, MS4.4/8, Error ellipse: s-maj=10.2km s-min=4.8km az=115.1

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JHO, CHOU, JYT, etc.

2005 NOV

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CBIJ, KS15, YSS, etc.

360

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KMI, WMQ, ZAL, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, error rates). Includes stations like Bataraza, Tawau, Taiyuan, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Lanzhou, Kunming, Chita, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Warramunga Arr, Warramunga, Irkutsk, etc.

15d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLRB Kellerberrin, PMR Palmer, ULHL Ulahol, KSH KSH, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU comp=E,2um,19.0s,MS5.4, SOKR Solikamsk, AB31 Akbulak, etc.

364

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMB comp=Z,53nm,1.2s,mb5.3, CMB Columbia Colle, JOF Joensuu, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HANSEL VALLEY, MORB, MORH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NAOSAR, PHWY, SMCO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOX, MOXA, TXAR, etc.

Table with columns: BRVK, Borovoye, 61.89 326 eP, P, 00 40 59.6 -0.4, comp=Z,1.7nm,0.7s,mb4.3

IDC 16 01:06:47.1,9.9,1.889x165.68E,h75km,104km,mb3.5/4, mb1 3.7/5,mb1mx3.8/14,mbmp3.9/5,ML3.8/1,Error ellipse: s-maj=71.9km s-min=41.4km az=155.0

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

BUG 16 01:18:46.3,51.52N,6.90E,h1km,ML1.3 LDG 16 01:18:47.3,0.4,51.58N,6.73E,h1km,ML2.7/7,Error ellipse: s-maj=6.7km s-min=5.6km az=44.0, Suspected Mining Induced.

BNS 16 01:18:47.2,0.9,51.56N,6.87E,h1km,ML1.9 CSEM 16 01:18:47.0,0.2,51.57N,6.92E,h2km,ML2.7/6,Error ellipse: s-maj=4.4km s-min=2.2km az=104.0

BGR 16 01:18:46.6,0.3,51.54N,6.94E,h1km,ML2.2/4,2D,Error ellipse: s-maj=3.3km s-min=2.2km az=88.0,Germany

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

Table with columns: FLN, La Foliniere, 5.52 243 ePn, Pn, 01 20 07.7 -4.2

NDI 16 01:31:23.2,32.6,34.75N,72.78E,h10km,MD3.9,ML4.3 IDC 16 01:31:23.1,0.9,34.59N,73.31E,mb4.0/14,mb1 4.2/17, mb1mx4.1/24,mbmp4.1/17,ML4.1/3,MS3.5/1,Ms1 3.5/1, ms1mx2.9/24, Error ellipse: s-maj=19.7km s-min=18.6km az=14.0

BUI 16 01:31:24.9,34.60N,73.20E,h10km,mb3.7,ML3.9 NEIC 16 01:31:24.7,0.3,34.58N,73.24E,h10km,mb3.4/5,Error ellipse: s-maj=8.3km s-min=4.7km az=48.0

MOS 16 01:31:25.8,1.1,34.60N,73.25E,h33km,mb4.4/2,Error ellipse: s-maj=13.4km s-min=6.1km az=97.6 NNC 16 01:31:34.0,3.6,34.97N,72.55E,h58km,41km,mpv4.1, Error ellipse: s-maj=42.0km s-min=26.9km az=71.0

ISC 16 01:31:26.3,0.3,34.66N,0.124,73.30E,0.06,h33km,n65, c129/85,mb3.9/16,MS3.5/1,10C-7Z, Pakistan

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

ISC 16 01:43:41.6,1.0,38.21N,0.04,26.64E,0.07,h10km,n8, c095/14, Aegean Sea

JMA 16 01:47:12.9,0.2,38.08N,144.70E,h55km,ML3.7,Off east coast of Honshu

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

IDC 16 02:10:58.1,1.7,3.29N,96.53E,mb4.2/8,mb1 4.3/8, mb1mx4.0/18,mbmp4.2/8, Error ellipse: s-maj=83.5km s-min=18.6km az=57.0

NEIC 16 02:11:01.7,1.0,3.07N,96.24E,h30km,mb4.4/2, Error ellipse: s-maj=29.8km s-min=14.0km az=47.0

ISC 16 02:11:00.2,0.9,3.1N,0.1,96.2E,0.1,h33km,n18, c129/18,mb4.3/14,2D,Northern Sumatra

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

Table with columns: TGY, Tagaytay City, 47.47 103 LR, LR, 02 00 16.1

WRAB Tennant Creek 79.42 123 eP P 01 43 32.1 +1.0 WRAB Tennant Creek 79.42 123 eP P 01 43 32.1 +1.1

YKA Yellowknife Arr 82.98 4 P P 01 43 50.2 +1.5 YKA Yellowknife Arr 82.98 4 P P 01 43 50.2 +1.5

CASC 16 01:39:34.9,1.4,11.18N,86.68W,h37km,248km,MD3.6, ML3.4,5C-8D,Near coast of Nicaragua

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

ISC 16 01:43:41.6,1.0,38.21N,0.04,26.64E,0.07,h10km,n8, c095/14, Aegean Sea

JMA 16 01:47:12.9,0.2,38.08N,144.70E,h55km,ML3.7,Off east coast of Honshu

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

IDC 16 02:10:58.1,1.7,3.29N,96.53E,mb4.2/8,mb1 4.3/8, mb1mx4.0/18,mbmp4.2/8, Error ellipse: s-maj=83.5km s-min=18.6km az=57.0

NEIC 16 02:11:01.7,1.0,3.07N,96.24E,h30km,mb4.4/2, Error ellipse: s-maj=29.8km s-min=14.0km az=47.0

ISC 16 02:11:00.2,0.9,3.1N,0.1,96.2E,0.1,h33km,n18, c129/18,mb4.3/14,2D,Northern Sumatra

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

NEIC 16 02:13:20.2, 18.47N,68.81W,h161km,MD4.2(RSPR), RSPR 16 02:13:20.2, 18.47N,68.81W,h161km,7km,MD4.2/7, MD4.2/7,7C-1D,Alpha Passage

16d 2h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Canovanas, Col San Antoni, Monte Pirata, Culebra, etc.

MAN 16 02:20:57.1,9.58N,125.65E,h33km,mb3.9,ML2.6,MS2.2, Mindanao

NDI 16 02:26:50.5,5.4,34.97N,75.46E,h10km,mb4.8,ML4.5
IDC 16 02:26:53.7,0.5,34.51N,75.60E,mb4.5/23,mb1 4.6/25
mb1mx4.6/27,mbmp4.5/25,ML4.3/2,MS3.6/10,Ms1 3.6/10,ms1mx3.4/32,Error ellipse: s-maj=14.7km s-min=13.3km bz=3.0

NEIC 16 02:26:55.0,0.2,34.51N,75.56E,h10km,mb4.7/41,Error ellipse: s-maj=5.2km s-min=2.9km az=35.0
BUJ 16 02:26:55.2,34.75N,75.35E,h32km,mb4.9,mb4.6,ML4.9,Ms4.5,MS2.2

MOS 16 02:26:57.5,1.0,34.61N,75.48E,h35km,mb4.8/44,Error ellipse: s-maj=7.6km s-min=4.0km az=115.1
NNC 16 02:27:05.9,4.1,35.07N,75.17E,h58km,42km,mpv4.6,Error ellipse: s-maj=39.5km s-min=29.1km az=59.0

ISC 16 02:26:57.3,0.4,34.55N,02:26:57E,0.03,h41km,42km,2.8km,mp-P,n259,r1936/310,mb4.6/73,MS3.7/22,22C-22D,Eastern Kashmir

Main table of station data for the 16d 2h period, including stations like Srinagar, Jammu, Dalhousie, etc.

2005 NOV

Main table of station data for the 2005 NOV period, including stations like Gorkha, Kakan, Allahabad, etc.

370

Main table of station data for the 370 period, including stations like AKTO, NVS, ORR, etc.

16d 5h

Table with columns: STA, Name, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA ENH, etc.

JMA 16 03:19:23.0, 4.38, 00N x 144.61E, h40km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, JIO Ouri, etc.

JMA 16 03:22:40.8, 0.2, 38.05N x 144.65E, h50km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, JIO Ouri, etc.

ISC 16 03:28:14.2, 38.13N-26.61E, h5km, MD3.3
NEIC 16 03:28:14.0, 38.13N-26.62E, h5km, MD3.3(ISK), MD3.2(ATH), After ISK.

CSEM 16 03:28:14.8, 0.1, 38.13N-26.61E, h2km, MD3.3, Error ellipse: s-maj=3.2km s-min=2.3km az=86.0
ATH 16 03:28:15.6, 38.15N-26.45E, h20km, 1km, MD3.3/3
ISC 16 03:28:15.3, 0.8, 38.18N-0.03, 26.57E, h10km, h5km, n26, e0587/34, 1C, Aegean Sea

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, BLCB Balçova, etc.

IDC 16 04:11:38.0, 2.1, 39.00N-110.76E, mb3.7/5, mb1 4.0/6, mb1mx3.8/20, mbtmp3.8/6, ML3.1/1, Error ellipse: s-maj=36.7km s-min=20.6km az=59.0

BUI 16 04:11:39.8, 38.97N-110.62E, h16km, mb4.4, mb3.8, ML3.6, Ms3.7, Ms2.5

NEIC 16 04:11:39.4, 0.8, 39.02N-110.79E, h10km, mb4.4/2, Error ellipse: s-maj=14.8km s-min=10.1km az=112.0

MOS 16 04:11:40.2, 2.7, 39.03N-110.74E, h33km, mb4.3/1, Error ellipse: s-maj=40.9km s-min=30.9km az=156.1

ISC 16 04:11:40.2, 2.7, 39.03N-110.74E, h28km, n21km, n22, e1520/28, mb4.2/10, Western Nei Mongol

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, BLCB Balçova, etc.

2005 NOV

Table with columns: BTO, Name, Time, Res, ISC. Includes stations like Baotou, Xian, Xian, etc.

NIED 16 04:12:00, 41.90N, 143.00E, h32km, Mw3.8 Best double couple: M=4.75x10^14 NP1=13, delta2=1.82, NP2=218, delta19=1.13

JMA 16 04:12:16.1, 0.1, 41.90N x 142.96E, h44km, M3.7, JMA Feit 1 JT

MOS 16 04:12:17.0, 1.1, 41.88N-142.90E, h83km, mb4.0/8, Error ellipse: s-maj=30.0km s-min=14.8km az=90.1

IDC 16 04:12:18.3, 2.1, 41.91N-142.93E, h73km, 16km, mb3.6/9, s-maj=3.7/1, mb1mx3.5/24, mbtmp3.9/11, Error ellipse: s-maj=26.7km s-min=14.6km az=96.0

ISC 16 04:12:14.6, 0.7, 41.84N-142.96E, 0.07, h55km, 4km, n28, e1502/36, mb4.0/9, 2C-3D, Hokkaido region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like JEM Erimo, JEM Erimo, JNBK Urawaka-nobuka, etc.

JMA 16 04:55:49.8, 0.2, 38.19N x 144.61E, h56km, M3.5, Off east coast of Honshu

OFUJ Ofunato, OFUJ Ouri, JIO Ouri, MIYJ Miyakonagasawa, etc.

ISC 16 04:55:49.8, 0.2, 38.19N-144.61E, h56km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, BLCB Balçova, etc.

NEIC 16 05:04:09.1, 39.15S-178.02E, h10km, ML3.9(WEL), After WEL

NEIC Feit at Mahia, WEL 16 05:04:09.2, 0.2, 39.16S-178.01E, h5km, ML3.9(13, 8C-2D), Error ellipse: s-maj=1.6km s-min=1.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KOKU Kokohu, KOKU Kokohu, etc.

372

CASC 16 04:13:03.8, 2.7, 15.42N-89.16W, h4km, 20km, MD4.0, 11C-3D, Guatemala

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like MTOZ Montecristo 2, MTOZ Montecristo 2, RBDL Robledal, etc.

ATH 16 04:49:12.2, 40.26N-25.38E, h37km, 1km, MD3.2/4

SOF 16 04:49:12.0, 40.31N-25.24E, h2km, MD2.9

THE 16 04:49:13.7, 40.24N-25.31E, h19km, ML3.1

CSEM 16 04:49:13.3, 0.1, 40.32N-25.20E, h10km, ML3.1, Error ellipse: s-maj=1.7km s-min=1.0km az=165.0

ISK 16 04:49:14.4, 40.21N-25.07E, h33km, MD3.2

NEIC 16 04:49:14.0, 40.27N-25.25E, h13km, MD3.2(ISK), MD3.2(ATH), After ISK

ISC 16 04:49:12.7, 0.6, 40.31N-0.03, 25.16E, 0.03, h2km, 4km, n37, e1907/49, Aegean Sea

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like LOS Limnos, LOS Limnos, LIA Limnos Island, etc.

JMA 16 04:55:49.8, 0.2, 38.19N x 144.61E, h56km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, JIO Ouri, etc.

JMA 16 04:55:49.8, 0.2, 38.19N x 144.61E, h56km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, BLCB Balçova, etc.

NEIC 16 05:04:09.1, 39.15S-178.02E, h10km, ML3.9(WEL), After WEL

NEIC Feit at Mahia, WEL 16 05:04:09.2, 0.2, 39.16S-178.01E, h5km, ML3.9(13, 8C-2D), Error ellipse: s-maj=1.6km s-min=1.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KOKU Kokohu, KOKU Kokohu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BKZ Pawuni, PXZ Edgumbe, EDZR Edgumbe, etc.

IDC 16 05:05:59.5s, 1.6, 89.8N, 92.71E, h25km, 6km, mb3.7/10, mb1.3/9.10, mb1mx3.7/21, mbtmp3.9/10, Error ellipse: s-maj=98.9km s-min=42.6km az=150.0

NEIC 16 05:06:01.5s, 1.1, 17.18N, 92.47E, mb4.2/1, Error ellipse: s-maj=26.5km s-min=15.6km az=50.0

ISC 16 05:06:04.6z, 1.7, 17.3N, 101.92E, 0.1, h28km, 19km, h26km, 7km, pp-P, n24, 0.096/28, mb3.9/11, Bay of Bengal

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SHL Shilling, SHL Bokoro, VIS Vishakhapatnam, etc.

IDC 16 05:07:16.2z, 1.0, 0.57N, 126.19E, mb3.9/5, mb1.4/2/6, mb1mx3.9/16, mbtmp4.0/6, ML3.9/1, Error ellipse: s-maj=69.2km s-min=18.8km az=72.0

NEIC 16 05:07:17.5s, 0.5, 0.57N, 126.24E, h10km, mb4.4/2, Error ellipse: s-maj=36.4km s-min=6.3km az=72.0

ISC 16 05:07:19.0z, 0.7, 0.51N, 1.126.1E, 0.3, h33km, n10, 0.025/10, mb4.1/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, etc.

IDC 16 05:10:19.8z, 1.7, 2.53N, 127.03E, mb3.9/4, mb1.4/1/4, mb1mx3.8/16, mbtmp4.0/4, Error ellipse: s-maj=103.2km s-min=23.6km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

NEIC 16 05:12:52.0, 1.7, 05.9N, 94.49W, h116km, MD4.1 (MEX), After MEX.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MEX 16 05:12:51.9z, 1.3, 17.05N, 94.49W, h117km, 27km, MD4.1, 1C, Chiapas

IDC 16 05:14:37.9z, 2.0, 3.07S, 129.14E, mb3.5/3, mb1.4/1/5, mb1mx3.9/15, mbtmp3.9/5, ML4.2/2, Error ellipse: s-maj=110.0km s-min=30.0km az=77.0

NEIC 16 05:14:40.6z, 0.8, 3.11S, 128.93E, h10km, mb4.2/4, Error ellipse: s-maj=37.5km s-min=13.1km az=69.0

ISC 16 05:14:38.5z, 0.3, 13.5z, 1.128.9E, 0.3, h10km, n14, r154/16, mb3.8/5, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

NEIC 16 05:17:46.7, 39.15S, 178.05E, h15km, ML3.8 (WEL), After WEL.

WEL 16 05:17:46.4z, 0.2, 39.15S, 178.01E, h12km, ML3.8/6, Error ellipse: s-maj=1.7km s-min=1.0km az=90.0, East coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KNZ Kokohu, MWZ Matawai, PUZ Puketiti, etc.

GUC 16 05:34:50.2z, 0.7, 22.01S, 69.33W, h90km, MD4.0, ML3.5, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SPCH San Pedro de A, CEN1 Los Morros, ANCH Antofagasta, etc.

KRSC 16 05:35:13.0z, 0.4, 49.25N, 154.01E, h180km, 22km, ML4.1, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PAU Puzhetzka, MIPR Malaya Ipe'ka, GRG Gorelyy, etc.

ISC 16 05:41:14.8, 38.12N, 26.56E, h13km, ML4.1

NEIC 16 05:41:14.0, 38.12N, 26.56E, h14km, MD4.0 (ATH), ML4.1 (ISK), ML3.8 (THE), After ISK

IDC 16 05:41:15.5z, 1.2, 38.22N, 26.56E, mb3.7/2, mb1.3/6/6, mb1mx3.5/25, mbtmp3.4/6, ML3.4/4, MS3.0/3, Ms1 3.0/3, ms1mx2.6/27, Error ellipse: s-maj=21.4km s-min=13.6km

ATH 16 05:41:16.0, 38.14N, 26.48E, h14km, 1km, MD4.0, CSEM 16 05:41:17.0, 1.0, 38.15N, 26.68E, h26km, MD1.0, Error ellipse: s-maj=1.8km s-min=1.5km az=34.0

THE 16 05:41:18.6, 38.12N, 26.70E, h20km, ML3.9

SKO 16 05:41:19.0, 38.13N, 26.23E, M2.8, ML3.6

ISC 16 05:41:14.6z, 0.6, 38.15N, 0.02, 26.59E, 0.02, h1km, 4km, n11, r100/136, mb3.5/2, 1C-1D, Aegean Sea

Table with columns: URLA Izmir, URLA Balçova, URLA SMG Samos, etc.

IDC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ATH 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ISC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URLA Balçova, URLA SMG Samos, URLA Izmir, etc.

IDC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ATH 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ISC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URLA Balçova, URLA SMG Samos, URLA Izmir, etc.

IDC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ATH 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ISC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URLA Balçova, URLA SMG Samos, URLA Izmir, etc.

IDC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ATH 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

ISC 16 06:09:24.4, 38.13N, 26.76E, h39km, 7km, MD3.2/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URLA Balçova, URLA SMG Samos, URLA Izmir, etc.

16d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for San Pedro de A, Los Morros, Cerro Paranal, Antofagasta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for KAKA, FITZ, WRA, WB2, STKA, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for CEN1, ANCH, CPN1, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for GUMO, CBJ, PMG, WRA, MKAR, ILAR, BVAR, NVAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for OFUJ, JIO, MINJ, YOJ, JMK.

NIED 16 09:14:00, 21.70N, 121.80E, h119km, Mw4.9 Best double couple: M2.69x10^16 NP1.0x237, 868, 149. NP2.0x123, 645, 148.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for BBP, NACB, YHNB, YONJ, HATJ, IRIF, TATO, JKRS, JIJ, JJJ, SGCP.

2005 NOV

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for PASUQUIN, CONNER, CALA, DOLORES, QUANZHOU, etc.

376

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes data for LZH, ASHIKAWA, CHANGCHUN, MDJ, etc.

16d 10h

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

16C 1609:37:27.1±1.2, 35.73N±11.68E, mb4.0/6, mb1.4/0.12, mb1mx3.9/26, mbtmp3.9/12, ML3.8/5, MS3.3/4, Ms1.3/3.4, ms1mx3.0/24, Error ellipse: s-maj=25.9km s-min=17.2km az=141.0

NEIC 1609:37:28.0±3.5, 35.87N±11.49E, h10km, mb3.7/1, Error ellipse: s-maj=8.1km s-min=4.4km az=172.0

CSEM 1609:37:29.7±0.1, 35.80N±11.46E, h40km, ML3.5/2, Error ellipse: s-maj=4.9km s-min=2.0km az=175.0

LDG 1609:37:32.5±0.6, 36.09N±11.73E, h10km, ML3.6/ms2.9/6, Error ellipse: s-maj=22.2km s-min=7.5km az=23.0

ISC 1609:37:27.3±0.6, 35.96N±11.46E±0.04, h10km, n41, a109/46, mb3.9/6, MS3.7/1, Tunisia

Main station list for 16d 10h, including stations like Pantelleria, Monte Magaglia, etc.

NEIC 1609:50:06.7, 18.48N±95.04W, h84km, MD3.9(MEX), After WELX

MEX 1609:50:06.7±1.1, 18.48N±95.04W, h84km±37km, MD3.9, Veracruz

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

16C 1609:55:07.9±3.7, 2.1N±126.23E, h174km±34km, mb3.3/5, mb1.3/4.5, mb1mx3.3/15, mbtmp3.8/5, Error ellipse: s-maj=79.9km s-min=13.3km az=71.0, Talaud Islands

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

2005 NOV

SKO 16 09:55:50.1, 37.80N±23.74E, ML3.2
ATH 16 09:55:51.8, 37.93N±22.17E, h9km, 1km, MD3.7/17, ML3.6
NEIC 16 09:55:51.7, 37.93N±22.17E, h9km, MD3.7(ATH), After ATH

CSEM 16 09:55:52.1±0.2, 38.00N±22.15E, h2km±1km, ML3.6, Error ellipse: s-maj=2.5km s-min=1.8km az=37.0
IDC 16 09:55:57.3±4.7, 37.95N±22.22E, h47km±35km, mb3.6/5, mb1.3/7.7, mb1mx3.5/22, mbtmp3.8/7, ML3.8/2, Error ellipse: s-maj=30.2km s-min=3.2km az=147.0

ISC 16 09:55:51.8±0.3, 37.94N±22.02±1.7E±0.03, h9km, n54, a151/69, mb3.7/5, Southern Greece

Main station list for 2005 NOV, including stations like Riolos of Patr, Ithomi, etc.

JMA 16 09:59:32.0±3.2, 38.27N±144.69E, h56km, M3.5, Off east coast of Honshu

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

NNC 16 10:08:39.6±6.5, 34.10N±69.16E, h56km±139km, Error ellipse: s-maj=74.8km s-min=44.0km az=116.0

ISC 16 10:08:35.5±1.7, 33.94N±10.08±69.6E±0.1, h33km, n8, a152/12, 2C-3D, Southeastern Afghanistan

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

NEIC 16 10:32:31.0, 36.18S±179.21E, h12km, ML4.5(WEL), After WEL

WEL 16 10:32:31.0±1.1, 36.11S±179.25E, h33km, ML4.4/1, 1D, Error ellipse: s-maj=7.6km s-min=6.2km az=90.0, Off east coast of North Island

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

Main station list for MWZ, including stations like Tawatai, Mayor Island, etc.

MAN 16 10:50:55.0, 8.48N±123.55E, h26km, mb3.7, ML2.5, MS2.0, 1C-1D, Mindanao

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

IDC 16 10:58:39.1±0.9, 5.24N±94.72E, mb4.2/9, mb1.4/4.9, mb1mx4.1/18, mbtmp4.2/9, Error ellipse: s-maj=52.0km s-min=16.9km az=53.0

MOS 16 10:58:42.0±0.8, 5.26N±94.76E, h33km, mb4.6/7, Error ellipse: s-maj=39.0km s-min=13.1km az=112.8

NEIC 16 10:58:43.0±0.6, 5.15N±94.60E, h30km, mb4.4/6, Error ellipse: s-maj=21.9km s-min=7.6km az=47.0

ISC 16 10:58:42.7±0.7, 5.2N±0.1, 94.8E±0.1, h33km, n39, a1901/36, mb4.3/19, 1C, Northern Sumatera

Main station list for MWZ, including stations like Kulim, Damam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRVK Borovoye, AB31 Akbulak array, STKA Stephens Creek, etc.

GUC 16 11:05:43.8,0.6,31.745,69.75W,h137km,5km,MD4.2,ML4.4

NEIC 16 11:05:44.6,0.4,31.805,69.56W,h116km,4km,mb3.6/5.1,MD4.2(GUC),Error ellipse: s-maj=8.3km s-min=5.8km az=105.0

IDC 16 11:05:44.8,0.7,31.82S,69.43W,h116km,5km,mb3.7/8,mb1.3/8.11,mb1mx3.7/17,mbtmp4.0/11,Error ellipse: s-maj=13.7km s-min=12.6km az=170.0

ISC 16 11:05:43.6,0.4,31.745,69.54W,0.05,h121km,3km,n38,+f100/53,mb4.0/9,5C-3D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZON Zonda, CFAA Coronel Fontan, CFAA 21nm,0.3s,baz=261,slow=8.6,SNR=1064, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAN Santiago, ANTU Antumapu, RCDM Rinconada Maip, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IHA Instituto Hidr Talagante, TACH TACH, LSCH La Serena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHCH Chedass Angostu, LCH La Cruz, CACH El Canelo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LPAZ La Paz, LPVZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USHA Ushuaia, SNAE Sanae, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Warramunga Arr, DBIC Dimbokro, MAW Mawson, etc.

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

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

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

ROM 16 12:10:06.2,0.1,46.41N,12.48E,h9km,MD2.6/6,MI2.3/7,Error ellipse: s-maj=2.2km s-min=1.3km az=11.0

CSEM 16 12:10:06.0,0.1,46.36N,12.45E,h20km,ML3.0/5,Error ellipse: s-maj=2.4km s-min=1.7km az=8.0

VIE 16 12:10:07.1,0.3,46.41N,12.47E,h6km,7km,mb2.1/3,ML2.6/7,Error ellipse: s-maj=2.9km s-min=1.2km az=23.0

NWR 16 12:10:06.6,0.2,46.39N,0.02,12.45E,0.02,h9km,n47,0581777,9C-15D, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSO Casso, CSO Casera Mimosias, CSMI Casera Mimosias, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZOU Zouplian, ZOU Monte Prat, MPRI MPR, BORDANO Bordano, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRI Trieste, TEOL Teolo, MOTA Moosalm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MABI Malga Bissina, OBKA Obir, OBKA Obir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUORN Ofenpass, DAVOX Davos, MOA Mollin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRK Paraskevi, PRK Kurdzhalii, PLG Polygyros, etc.

NAO 16 12:27:22.3,3.3,60.59N,28.81E,ML2.3

HEL 16 12:27:22.9,0.1,60.95N,29.25E,ML2.3(NAO),Explosion

BER 16 12:27:24.8,2.5,60.80N,28.89E,ML2.3(NAO), Suspected explosion

IDC 16 12:27:26.1,1.9,60.83N,28.80E,mb1.3/4.3,mb1mx3.1/20,mbtmp3.3/3,ML2.9/3,Error ellipse: s-maj=17.5km s-min=11.8km az=171.0

ISC 16 12:27:21.0,1.6,60.96N,0.09,29.2E,0.2,n12,0586/16, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VJF Virojoki, FIAO FINESS Array S, FIAO FINESS Array S, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, BVAR Borovoye Array, etc.

JMA 16 12:39:50.4,0.2,38.18N,144.77E,h51km,M3.8

ISC 16 12:39:50.4,1.7,38.13N,0.03,144.8E,0.1,h51km,n9,0584917,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ojiri, MIYJ Miyakonagasawa, etc.

NEIC 16 13:20:43.6,35.44S,178.95E,h230km,MG4.2(WEL), After WEL

WEL 16 13:20:41.8,0.4,35.11S,178.65E,h207km,ML4.1/9, Error ellipse: s-maj=10.2km s-min=8.8km az=90.0, Off east coast of North Island

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

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

Table with columns: MKAR, MAKANCHI Array, 39.25 316 P, 13 46 28.5 +0.2, etc.

Table with columns: AFFS, 'Afif, 71.55 288 P, 13 50 21.8 +0.7, etc.

Table with columns: SAML, Samuel, 35.90 253 eP, 13 49 43.9 -0.8, etc.

IDC 16 13:42:42.3-0.8, 1.24N-28.59W, mb4.1/9, mb1.4/1/9, ms1mx4.0/23, mbmp4.1/9, MS4.1/12, Ms1 4.1/12, ms1mx4.0/18, Error ellipse: s-maj=33.9km s-min=17.3km s-tilt=148.0

HRVD 16 13:42:43.0-0.5, 1.13N-28.49W, h12km, MW4.8/52, Centroid moment tensor Solution. LP body waves: s13.c13.Mantle waves: ss2.c71; Half duration: 0 Moment tensor: Scale 10^10Nm; Mr: 0.19e-09; Mw: 0.47e-11; Mo: -0.28e-10; Mo: 0.36e-29; Mo: -1.47e-06; Mo: -0.59e-29; Best double couple: Mo1.648x10^16 NP1.481e81, d69r, i176r. NP2.7e173, d86r, i21r. Principal axes: T 1.819, P1g18, Azm305; N-344, P1g68; Azm183; P-1.47e, P1g12. Azm305; n1a2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 16 13:42:43.0-0.5, 1.33N-28.64W, h10km, mb4.9/5 Error ellipse: s-maj=22.1km s-min=11.1km s-tilt=147.0

ISC 16 13:42:40.0, 6.13N, 0.2-28.6W, 0.1h10km, n17, s0981/10, mb4.2/10, MS4.1/12, Central Mid-Atlantic Ridge

MOS 16 13:55:43.2-1.2, 37.24N, 71.42E, h81km, mb4.3/1, Error ellipse: s-maj=13.3km s-min=6.4km az=94.9

NEIC 16 13:55:45.0, 1.2, 37.23N, 71.60E, h83km, 13km, mb3.7/4, Error ellipse: s-maj=14.0km s-min=6.7km az=54.0

IDC 16 13:55:45.5, 5.2, 37.27N, 71.55E, h81km, 42km, mb3.7/13, mb1.4/1/0, mb1mx3.9/25, mbmp4.1/17, ML4.1/4, MS4.1/2, Ms1 4.1/2, ms1mx2.9/27, Error ellipse: s-maj=35.5km s-min=17.9km az=5.0

NDC 16 13:55:54.9, 7.5, 37.96N, 71.06E, h153km, 94km, mpv4.5, Error ellipse: s-maj=68.1km s-min=37.2km az=17.0

ISC 16 13:55:45.1-0.7, 37.26N, 0.03-71.52E, 0.08, h101km, 9km, n71, i1c5192, mb3.9/15, 9C-9D, Afghanistan-Tajikistan border region

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

16d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like PKE, WAZ, WAZ, WAZ, etc.

MAN 16 15:48:39.2, 7.12N, 123.61E, h53km, mb4.2, ML3.0, MS2.8, 2C, Mindanao. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

MAN 16 16:37:52.5, 12.51N, 123.72E, h1km, mb3.6, ML2.3, MS1.8, Luzon. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

NEIC 16 16:40:35.5, 0.7, 32.86N-23.50E, h10km, mb4.5/2, MD4.1. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

ISC 16 16:40:33.6, 0.3, 33.07N, 0.02, 23.58E, 0.03, h10km, n103, 1523/116, mb4.3/4, MS3.0/2, 5C-8D, Central Mediterranean Sea. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

2005 NOV

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HMAT, HMAT, HMAT, etc.

ISC 16 16:41:20.2, 1.3, 7.79S, 128.07E, mb3.6/3, mb1 3.7/4, mb1 mx3.7/12, mbmp3.6/4, ML3.8/1, Error ellipse: s-maj=204.9km s-min=24.1km az=65.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

384

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like STKA, SOMN, MKAR, SKO, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VYHS, KSP, KSI, etc.

PRU 16 17:30:44.1, 51.38N, 16.24E
WAR 16 17:30:44.5, 51.40N, 16.19E, h1km, ML2.5, Mining

NEIC 16 17:30:47.4, 1.4, 51.19N, 15.95E, h5km, MG2.5(WAR), Error ellipse: s-maj=17.6km s-min=6.4km az=208.0

ISC 16 17:30:42.4, 1.1, 51.38N, 0.05:16.15E, 0.06, n14, s132/29, 3D, Poland

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

NEIC 16 17:32:25.9, 2.6, 6.25S, 149.65E, h75km, 22km, mb4.4/2, Error ellipse: s-maj=22.9km s-min=17.0km az=191.0

ISC 16 17:32:25.6, 3.5, 6.35S, 0.2, 149.5E, 0.2, h87km, 28km, n9, s031/10, mb3.8/4, New Britain region

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

ISC 16 18:33:58.5, 38.13N, 26.78E, h29km, MD2.7, ATH 16 18:33:58.3, 38.12N, 26.64E, h34km, 5km, MD3.1/3

CSEM 16 18:33:58.0, 2.0, 38.13N, 26.82E, h30km, MD2.7, Error ellipse: s-maj=8.3km s-min=4.4km az=102.0

ISC 16 18:33:59.2, 0.7, 38.12N, 0.04:26.8E, 0.1, h33km, 7km, n8, s0546/11, Aegean Sea

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

NIED 16 18:41:00.28, 20N, 129.50E, h44km, Mw3.7 Best double couple: M4.07x1014 NP1.9x277°, s80°, 1.84°. NP2.9x129°, s11°, 1.22°

JMA 16 18:41:46.8, 28.21N, 129.53E, h32km, 1km, M3.5, JMA Felt 1 J1

ISC 16 18:41:46.7, 0.7, 28.19N, 0.07:129.6E, 0.1, h30km, 5km, n11, s0523/17, Ryukyu Islands

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

MOS 16 18:50:00.5, 1.2, 24.14N, 122.64E, h33km, mb4.7/4, MS4.0/6, Error ellipse: s-maj=13.7km s-min=7.2km az=117.0

NIED 16 18:50:00.24, 0.0N, 122.50E, h38km, Mw4.6. Best double couple: M4.10x1016 NP1.9x64°, s87°, 1.82°. NP2.9x315°, s8°, 1.61°

IDC 16 18:50:00.5, 3, 3, 24.16N, 122.71E, h21km, 20km, mb4.3/15, mb1.4/3/16, mb1mx4.3/22, mbmp4.3/16, ML3.5/1, MS3.9/13, Ms1.3/9/13, ms1mx3.6/31, Error ellipse: s-maj=25.6km s-min=14.1km az=71.0

BUI 16 18:50:02.0, 24.04N, 122.55E, h44km, mb4.6, mb4.4, M4.4/2, Ms4.3, Ms2.4/1

NEIC 16 18:50:03.2, 1.0, 24.10N, 122.56E, h42km, 8km, mb4.5/13, Error ellipse: s-maj=10.2km s-min=8.4km az=225.0

JMA 16 18:50:03.0, 0.2, 24.04N, 122.48E, h34km, M4.7, ISC 16 18:50:01.9, 0.4, 23.99N, 0.03:122.44E, 0.02, h42km, 4km, h43km, 4.7km, p-P, n21, s1543/145, mb4.4/3, MS4.0/21, 6C-2D, Taiwan region

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ, YON, YOH, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CN2, LZH, MDJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, AB31 Akbulak array, VOSK Vosochayna, etc.

MAN 16 20:43:41.2, 8.77N-126.59E, mb4.2, ML3.1, MS2.8, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIPH Bislig, BUTP Butuan, SCPH Surigao, etc.

IDC 16 20:52:30.4, 1.3, 37.96N-144.91E, mb3.6/3, mb1 3.9/5, mb1mx3.6/22, mbtmp3.7/5, ML3.6/2, Error ellipse: s-maj=37.3km s-min=23.9km az=131.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, JIO Ouri, MIJY Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMK Ohasama, JOM Jom, JMM Marumori, etc.

CSEM 16 21:24:53.0, 2.0, 35.65N-22.05E, h40km, MD3.6, Error ellipse: s-maj=8.2km s-min=2.4km az=79.0

ATH 16 21:24:54.5, 35.81N-22.14E, h41km, Mb3.1, MS3.3/1, MS1.3/3/1, ms1mx2.5/19, Error ellipse: s-maj=36.4km s-min=26.9km az=112.0

ISC 16 21:24:53.7, 1.1, 35.62N, 0.04, 22.2E, 0.2, h41km, n10, e1916/14, 1C-1D, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KYTH Kithira, VLI Velia, ITM Ithomi, etc.

NIED 16 22:00:00, 37.90N, 144.40E, h8km, Mw3.7, Best double couple: M3.3, 67x1014 NP1, 9s, 187, 866, -1, 93. NP2, 9s, 13, 524, 1, 84

IDC 16 22:00:18.9, 1.4, 37.68N-144.80E, mb3.5/3, mb1 3.8/5, mb1mx3.6/21, mbtmp3.6/5, ML3.8/1, MS3.3/1, MS1.3/3/1, ms1mx2.5/19, Error ellipse: s-maj=36.4km s-min=26.9km az=112.0

JMA 16 22:00:23.8, 0.2, 37.90N, 144.37E, h55km, M3.8

ISC 16 22:00:22.6, 1.3, 37.99N, 0.05, 144.43E, 0.09, h55km, 19km, n17, e1524/24, mb3.6/3, MS3.2/1, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, JIO Ouri, JMK Ichinoseki, etc.

IDC 16 22:36:00.0, 4.0, 1.22N-97.40E, mb3.7/4, mb1 3.9/4, mb1mx3.6/17, mbtmp3.7/4, Error ellipse: s-maj=151.9km s-min=29.7km az=57.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, SONM Songino Array, MKAR Makanchi Array, etc.

MOS 16 22:47:23.2, 2.2, 52.71N-99.78E, h8km, mb4.5/1, Error ellipse: s-maj=11.8km s-min=9.4km az=31.8

MOS Felt (III) at Orlik. NEIC 16 22:47:23.2, 52.71N-99.78E, h8km, After MOS. NYIC 16 22:47:23.2, 52.71N-99.78E, h8km, 7C-5D, FELT

BYKLR 16 22:47:23.2, 52.71N-99.78E, h8km, 7C-5D, FELT

=I-V MISK at Orlik, Sayanyu, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORL Orlik, ORL 2um, 0.2s, ORL 2um, 0.2s, etc.

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

17d 1h

LPZA 150.93 82 PKPbc PKPdf 00 30 15.6 +8.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes MAN 17 00:25:31.1, 8.99N, 125.10E, mb3.6, ML2.3, MS1.8, 1D, Mindanao.

NEIC 17 01:04:18.8, 0.9, 15.61S, 71.32W, h147km, 9km, mb4.1/7, Error ellipse: s-maj=14.9km s-min=11.9km az=53.0

IDC 17 01:04:22.2, 2.2, 15.64S, 71.14W, h176km, 20km, mb3.5/7, mb1.3/1.0, mb1mx3.5/2.1, mbtmp3.9/1.0, Error ellipse: s-maj=26.3km s-min=18.7km az=75.0

ISC 17 01:04:17.0, 7.0, 15.63S, 0.07, 71.37W, 0.07, h152km, 6km, n21, e1933/25, mb3.8, 1C, Southern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes ARE Arequipa, LPZA La Paz, PASO Paso Flores, etc.

BUI 17 01:12:06.4, 23.32N, 142.06E, h11km, mb4.6, mb4.5, Ms4.2, Ms24.1

MOS 17 01:12:07.7, 1.4, 23.31N, 141.92E, h33km, mb4.8/1/1, Error ellipse: s-maj=24.0km s-min=10.6km az=104.9

NEIC 17 01:12:07.8, 0.6, 23.29N, 142.28E, mb4.8/1/1, Error ellipse: s-maj=15.6km s-min=11.0km az=80.0

IDC 17 01:12:10.6, 2.3, 23.28N, 142.02E, h47km, 20km, mb3.9/1/7, mb1.4/1/1, mb1mx4.1/2.3, mbtmp4.2/1.9, ML4.2, MS4.0/2.1, Ms1.4/0.21, ms1mx4.0/2.9, Error ellipse: s-maj=20.6km s-min=13.1km az=87.0

ISC 17 01:12:09.9, 1.5, 23.29N, 0.06, 142.25E, 0.08, h53km, 13km, n81, e1938/73, mb4.4, 3Z2, MS4.1/19, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes CBUJ Chichijima, GUMU Guam, JHJ Hachijo jima, etc.

2005 NOV

Main table with columns: LHZ, LZH, LZR, etc. Includes stations like Lanzhou, Lanzhou, Lanzhou, etc. with various parameters and codes.

392

Table with columns: LPZA, AFI, WRA, etc. Includes stations like Afiamalu, Warramunga Arr, etc. with various parameters and codes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CARF Carcanieres, LEPEYR Le Peyrat, GRBF Gourbit, PAND Andorre, VALF Valcebollere, CBRU Bruguera, FILF Fillos, SALF Salau, MTLF Montoliu, MSL Moulis, CORG Organya, CSOR Sort, SJAF Saint Jean de, EJON La Jonquera, MELF Melles, EMIR Miracle, CFON Fontmartina, RESF Ens, EPF Esparrros, EGRA Graus, EPOB Poblet, CGAR Garrat, LASF Ste Croix, ESAC San Caprasio.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESAC San Caprasio, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J, ERTA Horta de San J.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MFF Saint Martin d, Signal de Mont, AVF Avil sur Loir, SSF Saint Saule, LOR Lormes, CABB La Chapelle, PGF Pioggiola, ESCD Sonseca Array, ESCD Sonseca Array, GRR Gorron, LDF La Druitiere, FLN La Foliniere, QUIF Quistinic, ROSF Rostrenen, WEL 17 03:19:39.1, 0.2, 39.155, 177.98E, h12km, ML3.6/10, 3C-1D, Error ellipse: s-maj=1.5km s-min=0.8km az=90.0, East off coast of North Island, NEIC 17 03:32:53.4, 0.8, 32.71S, 171.89W, h15km, ML2.8(GUC), After GUC, GUC 17 03:32:53.4, 0.8, 32.71S, 171.89W, h15km, 7km, MD3.8, ML2.9, 1C-2D, Near coast of central Chile, IDC 17 03:39:07.4, 1.6, 5.38S, 151.81E, mb3.8/5, mb1 4.1/5, mb1mx4.0/12, mbtmp3.8/5, Error ellipse: s-maj=54.2km, s-min=31.2km az=130.0, ISC 17 03:39:11.4, 1.3, 5.35S, 0.2, 151.7E, 0.3, h33km, n7, 05947, mb3.8/5, New Britain region, WBA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, SONM Sengino Array, MKAR Makanchi Array, ILAR Eileison Array, NVAR Mina Array, IDC 17 04:10:47.2, 1.3, 7.31N, 125.83E, mb3.7/4, mb1 3.9/4, mb1mx3.7/17, mbtmp3.7/4, Error ellipse: s-maj=76.1km, MAN 17 04:10:49.5, 6.62N, 125.65E, h46km, mb4.5, ML3.3, MS3.2, ISC 17 04:10:50.8, 1.1, 6.73N, 0.09, 125.62E, 0.05, h62km, 6km, n13, 0572/20, mb3.6/4, 1C-3D, Mindanao.

IDC 1704.11:39.3,4,9.99S,118.20E,h212km,51km,mb3.0/2, mb1 3.1/4,mb1mx3.0/14,mbtmp3.6/4,Error ellipse: s-maj=133.2km s-min=12.8km az=46.0,Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include FITZ, WRA, SONM, MKAR.

CSEM 1704.15:31.6,28.46S,62.65W,h33km,mb5.6

BUI 1704.16:30.5,28.80S,62.90W,h67km,mb5.1

MOS 1704.16:30.0,28.77S,62.83W,h610km,mb5.2/41

Error ellipse: s-maj=9.9km s-min=6.5km az=84.2

HRVD 1704.16:30.6,0.4,29.90S,73W,h621km,3km,MW5.3/60, Centroid moment Tensor Solution. LP body waves:

s60,c87; Half duration: t1 Moment tensor: Scale 1017 Nm; M1:0.68t,0.4; M2:0.13t,0.6; M3:0.81t,0.7;

M0:0.41t,0.6; M0:0.18t,0.6; M0:0.85t,0.7; Best double couple: M0:2.17x1017 NP1:phi354, delta21, lambda-117. NP2:

phi203, delta71, lambda-80. Principal axes: T1.278, P1g25, Azm285; N-123, P1g10, Azm20; P-1.156, P1g63, Azm129; nsta1 refers to body waves, cutoff=40s.

NEIC 1704.16:30.6,0.1,28.81S,62.86W,mb5.0/27 Error ellipse: s-maj=3.7km s-min=3.4km az=97.0

IDC 1704.16:31.3,0.4,28.79S,62.84W,h613km,4km,mb4.4/19, mb1 4.5/23,mbtmp5.4/23,Error ellipse:

s-maj=10.0km s-min=7.2km az=75.0

ISC 1704.16:29.8,0.1,28.79S,0.02-62.81W,0.03,h608km, h608km,8km;P,n479,0.083/371,mb4.9/147,22C-67D, Santiago del Estero Province

Main table of station data for the first section, including stations like CPUP, CFAA, ZON, MDZ, etc.

Main table of station data for the second section, including stations like TRQA, LNCH, CCHI, etc.

Main table of station data for the third section, including stations like BDFB, BAO, CAM4, etc.

Main table of station data for the fourth section, including stations like GNAR, MIAR, MVL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, KK31 Karatay Array, AB31 Akbulak array, etc.

ATH 17 07:57:58.6, 38.15N-26.08E, h28km, 2km, MD3.3/4
ISK 17 07:58:00.1, 38.27N-26.52E, h14km, MD3.2

NEIC 17 07:58:00.0, 38.27N-26.51E, h14km, MD3.3(ATH), MD3.2(ISK), After ISK.

CSEM 17 07:58:00.0, 38.28N-26.55E, h15km, MD3.2, Error ellipse: s-maj=2.7km s-min=2.0km az=64.0

ISC 17 07:59:49.0, 38.31N-0.03, 26.46E, 0.05, h5km, 5km, n21, <0960/30, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URLA Izmir, BLCB Balcova, IZM Izmir, etc.

IDC 17 07:59:34.5, 18.0, 37.19N-72.41E, h165km, 109km, mb3.3/6, mb1.3, 3.41D, mb1mx3.223, sbmtmp3.7/10, Error ellipse: s-maj=176.6km s-min=29.6km az=1.1

NEIC 17 07:59:38.8, 3.3, 37.42N-72.29E, h173km, 29km, mb3.6/2, Error ellipse: s-maj=55.8km s-min=20.5km az=185.0

MOS 17 07:59:38.6, 0.8, 37.58N-72.29E, h197km, mb3.6/1, Error ellipse: s-maj=31.0km s-min=10.5km az=87.8

NNC 17 07:59:45.5, 10.0, 38.19N-72.23E, h253km, 142km, mpv4.0, Error ellipse: s-maj=139.1km s-min=76.8km az=25.0

ISC 17 07:59:36.4, 0.8, 37.37N-0.04, 72.3E, 0.1, h190km, 9km, n37, <091/44, mb3.5/6, 1C-7D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAL Zalesovo, FINES FINESS Array B, ARCES ARCES Array B, etc.

NEIC 17 08:04:15.3, 4.5, 7.80S, 118.96E, h140km, 39km, mb3.8/2, Error ellipse: s-maj=37.7km s-min=22.8km az=78.0

IDC 17 08:04:16.5, 3.7, 8.37S, 118.47E, h149km, 36km, mb3.7/3, mb1.3/7.5, mb1mx3.5/16, mbtmp4.1/5, Error ellipse: s-maj=63.8km s-min=12.1km az=50.0

ISC 17 08:04:05.5, 3.9, 8.35, 0.2, 118.3E, 0.2, h59km, 38km, n11, <074/13, mb4.0/4, Sumbawa 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, WRAB Tennant Creek, etc.

NDI 17 08:05:45.6, 3.8, 32.60N-72.99E, h10km, MD3.2, ML3.3

NNC 17 08:05:45.3, 138.0, 34.55N-72.75E, mpv3.5, Error ellipse: s-maj=1436.7km s-min=1258.4km az=79.0

ISC 17 08:05:40.3, 1.4, 34.7N, 0.1, 74.2E, 0.3, h10km, n4, <099/7, 1C, Southwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like THN Thein Dam, DLH Dalhousie, KLP Kalpa, etc.

NIED 17 08:10:00, 38.10N, 142.70E, h38km, Mw3.6 Best double couple: M2, 89x1014 NP1, 9x12, 859', 1.72". NP2, 9x224', 8.35', 1.17"

JMA 17 08:10:51.0, 0.1, 38.10N-142.75E, h27km, 2km, M3.7

ISC 17 08:10:51.3, 1.5, 38.08N-0.05, 142.76E, 0.10, h27km, n11, <071/20, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JMK Ichinoseki, etc.

NNC 17 08:13:03.5, 7.3, 37.35N-69.96E, mpv3.2, 5C, Error ellipse: s-maj=62.5km s-min=49.9km az=28.0

Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AB31 Akbulak array, etc.

IDC 17 08:51:39.7, 3.1, 0.1, 11N-98.52E, mb3.9/4, mb1 4/0,4, mb1mx3.7/16, mbtmp3.9/4, Error ellipse: s-maj=131.7km s-min=28.4km az=57.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, SONM Songoing Array, MKAR Makanchi Array, etc.

NEIC 17 08:55:05.7, 38.81N-122.77W, h2km, MW3.8(BRK), After NCEDC, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPS Hopland, NSHM Saint Helena R, KCPM Cahto Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YBH Yreka Blue Hor, MOD Modoc, MTUM Tungsten Hills, etc.

NEIC 17 08:56:26.9, 38.80N-122.77W, h2km, ML3.5(NCEDC), After NCEDC, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPS Hopland, NSHM Saint Helena R, KCPM Cahto Peak, etc.

LDG 17 09:21:51.8, 0.1, 44.53N-7.19E, h2km, Md1.9/1, M11.9/7, Error ellipse: s-maj=1.9km s-min=1.0km az=68.0

NEIC 17 09:21:51.7, 44.52N-7.18E, h14km, ML2.5(GEN), ML2.1(STR), ML1.9(LDG), After GEN.

STR 17 09:21:53.0, 1.5, 44.47N-7.12E, h5km, 1km, M2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 17 09:21:51.0, 0.3, 44.52N-0.02, 7.17E, 0.03, h13km, 3km, n27, <069/52, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PZZ Prazzo, SURF Saint Ours, STV2 Anna di Valdie, etc.

NEGI Negi, IMI Imperia, IMI Imperia

FIN Finale Ligure, FIN Finale Ligure

LSD Ceresole Reale, LSD Ceresole Reale

RCP Pian Castello, RCP Pian Castello

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie

LPG La Plagne, LPG La Plagne

FRF La Foret Royal, FRF La Foret Royal

LPL La Plagne, LPL La Plagne

SMRF Simiane la Rot, SMRF Simiane la Rot

LMR La Mourre, LMR La Mourre

VIVF Saint-Julien-1, VIVF Saint-Julien-1

ATH 17 09:43:58.1, 38.64N-21.54E, h12km, 3km, MD3.4/5

SKO 17 09:43:58.9, 38.55N-21.76E

NEIC 17 09:43:58.1, 38.64N-21.54E, h12km, MD3.4(ATH), After ATH.

CSEM 17 09:43:58.8, 0.1, 38.60N-21.66E, h5km, MD3.4, Error ellipse: s-maj=2.4km s-min=2.0km az=102.0

THE 17 09:43:59.4, 38.66N-21.68E, h2km, ML3.1

ISC 17 09:43:58.1, 0.5, 38.58N-0.03, 21.66E, 0.04, h12km, n24, <182/33, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVR Evrytania, RLS Riolos of Patr, AGG Agios Georgios, etc.

IDC 17 09:45:09.61.1.61.87N-152.04W,mb3.4/2,mb1 3.4/4,mb1mx3.3/21,mbtmp3.3/4,ML2.9/2,Error ellipse: s-maj=24.6km s-min=12.1km az=115.0, NEIC 17 09:45:14.5,61.71N-150.83W,h56km,ML3.1(AEIC), ML3.1(PMR),After AEIC.

ISC 17 09:45:12.7,0.3,61.70N,0.02-150.83W,0.05,h77km,5km,n54,c082/68,mb3.4/2,Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like STLK, FIB, NCG, etc.

Table with columns: CTA, Charters Tower, Az, Phase ID, Time, Res. Lists various stations like CTA, CTAO, PMG, etc.

Table with columns: IKLH, Kalahroud, Az, Phase ID, Time, Res. Lists various stations like IKLH, IGAR, ASAO, etc.

NNC 17 11:54:39.4,1.0,72.80N-135.03W,69.66W,mpv3.8,5C,Error ellipse: s-maj=19.0km s-min=16.2km az=136.0,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KK31, KK3, AAK, etc.

GUC 17 10:33:44.1,0.7,22.80S,68.66W,h117km,6km,MD3.7,ML3.2,2D,Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SPCH, SPCH, CEN1, etc.

IDC 17 12:15:17.3,2.9,29.92S,71.72W,h50km,25km,mb4.2/6,mb1 4.3/10,mb1mx4.1/18,mbtmp4.4/10,ML4.3/4,MS3.5/3,Ms1 3.4/3,ms1mx3.2/21,Error ellipse: s-maj=24.2km s-min=17.9km az=90.0, NEIC 17 12:15:18.7,0.5,29.92S,71.46W,mb4.7/6,Error ellipse: s-maj=11.1km s-min=5.1km az=97.0, NEIC Feli [I]I in Atco del Carmen, Andacollo, Coquimbo, La Higuera, La Serena and Valparaiso [I]I at Ovalle and Vicuna. GUC 17 12:15:20.0,0.8,30.05S,71.28W,h55km,5km,ML5.0,ISC 17 12:15:20.0,0.7,29.95S,0.04,71.60W,0.08,h61km,5km,h65km,5.7km,pP-P,N48,c108/56,mb4.5/11,9C-3D,Near coast of central Chile.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like LSCS, LSCS, TLL, etc.

JMA 17 09:56:25.0,2.2,84.84N,122.43E,h125km,2km,M3.9,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YOJ, YOJ, IRIF, etc.

BUI 17 10:02:39.9,19.54S,175.47W,h197km,mb4.7/19,mb4.7,NEIC 17 10:02:42.2,1.2,19.47S,175.96W,h187km,12km,mb4.8/15,Error ellipse: s-maj=11.2km s-min=8.1km az=132.0, IDC 17 10:02:42.6,2.2,19.69S,175.89W,h191km,21km,mb4.1/7,mb1 4.2/10,mb1mx3.9/18,mbtmp4.7/10,Error ellipse: s-maj=18.7km s-min=11.2km az=117.0, ISC 17 10:02:40.2,1.5,19.55S,0.06,176.04W,0.09,h178km,16km,n61,c092/51,mb4.7/19,2C-2D,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like AFI, AFI, AFI, etc.

NIED 17 10:58:00,38.20N,144.80E,h5km,Mw3.8 Best double couple: M5.41x10^14 NP1.9x208, delta9, lambda-9. NP2.9x32, delta12, lambda-86, IDC 17 10:58:42.4,1.4,38.03N,145.19E,mb3.5/3,mb1 3.8/5,mb1mx3.6/21,mbtmp3.6/5,ML3.6/2,Error ellipse: s-maj=35.3km s-min=26.7km az=111.0, JMA 17 10:58:47.3,0.1,38.18N,144.78E,h57km,ML4.1,ISC 17 10:58:46.6,1.4,38.28N,0.06,144.85E,0.09,h53km,18km,n17,c105/27,mb3.6/3,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like OFUJ, OFUJ, MIYJ, etc.

IDC 17 11:34:52.3,6.4,31.49N,49.55E,mb3.7/5,mb1 3.7/6,mb1mx3.6/22,mbtmp3.7/6,ML3.2/1,Error ellipse: s-maj=14.1km s-min=32.9km az=7.0, TEH 17 11:35:01.3,32.16N,49.43E,h10km,Mn3.8, KISR 17 11:35:01.6,0.8,32.23N,49.75E,h45km,732km,ML3.7, CSEH 17 11:35:01.6,0.1,32.22N,49.75E,h16km,ML3.3,Error ellipse: s-maj=2.6km s-min=1.5km az=131.0, THR 17 11:35:02.5,1.3,32.21N,49.53E,h35km,10km,ML3.3, ISC 17 11:35:03.1,1.1,32.25N,0.03,49.60E,0.04,h30km,12km,n39,c104/43,mb3.5/5,Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like SHGR, SHGR, IPIR, etc.

17d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAML Samuel, EFI East Falkland, USHA Ushuaia, BDFB Brasilia, etc.

CASC 17 12:19:57.7,2.9, 11.97N-87.99W, h25km, 17km, MD4.3, mb4.5(NEIC)
BUJ 17 12:20:00.7, 12.10N-87.80W, h62km, mb5.0, Ms5.2, Ms2.8
NEIC 17 12:20:00.9,0.9, 12.10N-87.84W, h62km, 10km, mb4.5/19, Error ellipse: s-maj=14.2km s-min=5.8km az=54.0

ISC 17 12:19:57.7-0.9, 11.95N-0.04-88.02W-0.05, h51km, 9km, n80, 1:1500, mb4.4, 29N, MS4.3, 13C-BD, Off coast of central America

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LEON Leon, CRIN San Cristobal, TEL3 Telica 3, etc.

2005 NOV

Table with columns: PDAR, Pinedale Array, Ely, Hardware Ranch, etc. Includes station codes and times.

NIED 17 12:26:00, 38.20N, 144.70E, h5km, Mw4.5, Best double couple: M=6.83x10^15 NP1=219, 868, -1.9T. NP2=40, 322, -1.89T

IDC 17 12:26:39.0, 0.6, 38.16N, 144.94E, mb4.3/20, mb1.5/22, mb1mx4.5/27, mb7mp4.3/22, ML4.2/2, MS3.8/12, ms1mx3.5/31, Error ellipse: s-maj=17.6km s-min=14.7km az=172.0

HRVD 17 12:26:36.5, 0.9, 38.48N, 145.05E, h12km, 3km, MW4.745, Centroid moment Tensor Solution. LP body waves: 7/45; Mantle waves: s45, c57; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.76; 14; Mw=0.33; 08; Mw0.42; 09; Mh 1.00; 38; Mw0.29; 05; Mw0.90; 35; Best double couple: M1: 408x10^16 NP1=143, 89, -1.80T. NP2: 6531, 381, -1.92T. Principal axes: T1: 072, Plg36, Azm45; N: 672, Plg2; Azm314; P: 1.745, Plg54; Azm222; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 17 12:26:36.5, 0.2, 38.15N, 144.90E, h10km, mb4.9/25, MW4.5(NIED) Error ellipse: s-maj=6.8km s-min=4.4km az=158.0

MOS 17 12:26:38.4, 1.0, 38.17N, 144.80E, h33km, mb4.9/19, Error ellipse: s-maj=9.7km s-min=6.2km az=102.7

JMA 17 12:26:39.0, 0.1, 38.24N, 144.67E, h56km, M4.6
ISC 17 12:26:36.4, 1.3, 38.27N, 0.05, 144.75E, 0.04, h16km, 6km, n122, 1:1500, mb4.3, 29N, MS4.3, 13C-BD, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

Table with columns: MDJ, comp=E,220nm,20.1s, etc. Includes station codes and times.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WARRAMUNGA ARR, AKTYUBINSK, YKAL, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BUJI, IDC, NEIC, MOS, JKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PALMER, ILAR, KURK, etc.

NIED 17 12:38:00, 38.20N, 144.70E, h5km, Mw4.0 Best double couple: Mo 1.04x10^15 NP1: 190°, 85°, λ: 110°; NP2: 0°40', 843°, λ: 67°

TEH 17 13:39:10.4, 30.73N, 49.39E, h10km, Mn3.0 THR 17 13:39:10.1, 0.4, 30.75N, 49.36E, h18km, 6km, ML2.8 KISR 17 13:39:12.8, 1.1, 30.92N, 49.59E, h33km, ML2.7 CSEM 17 13:39:12.4, 0.1, 31.02N, 49.50E, h12km, ML2.8, Error ellipse: s-maj=3.8km s-min=1.5km az=116.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like QRN, Al-Radifah, KALHROH, IKOM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKH, NKL, TYV, GRNR, EKMR, etc.

NEIC 17 14:53:48.0, 40.49S:174.34E, h25km, ML4.0(WEL), After WEL.

NEIC FELT at Paekakariki on the North Island. WEL 17 14:53:48.0, 1.40S:174.34E, h23km, ML4.0/37, 9C-3D, Error ellipse: s-maj=1.0km s-min=0.6km az=90.0,

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including DUWZ, KIWI, KIW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WVW, KUZ, RPZ, etc.

NEIC 17 15:14:57.2, 2.3, 5.80S:151.00E, h53km, 21km, mb4.4/10, Error ellipse: s-maj=18.6km s-min=11.6km az=91.0

ISC 17 15:14:57.1, 4.5, 6.74S:150.94E, h7km, 41km, mb4.0/8, m1.4/3.9, mb1mx4.1/1.3, mb1mx4.3/9, ML2.9/1, MS3.5/6, Ms1 3.5/6, ms1mx3.4/1.8, Error ellipse: s-maj=35.5km s-min=25.6km az=107.0

ISC 17 15:14:54.8, 2.9, 5.77S:108.151.0E, 0.1, h44km, 25km, n39, s109/37, mb4.2/16, MS3.5/4, 12, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG, CTAA, KAKA, GUKA, GUMO, WRAB, etc.

CSEM 17 16:08:49.1, 0.1, 35.28N:33.91E, h30km, MW2.8, Error ellipse: s-maj=2.9km s-min=2.1km az=34.0

GRAL 17 16:08:50.7, 0.3, 35.24N:33.67E, h59km, 61km, MD3.3 NIC 17 16:08:50.3, 0.2, 35.13N:33.88E, h46km, ML2.8, MW2.8

ISC 17 16:08:49.2, 0.2, 35.16N:0.06, 33.94E, 0.05, h55km, 9km, n12, s09/39, 1C-3D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PHNC, CSS, CMC, etc.

PRU 17 16:44:03.2, 50.30N:18.76E NEIC 17 16:44:03.4, 2.50, 25N:18.79E, h5km, MG2.7(WAR), Error ellipse: s-maj=57.2km s-min=11.9km az=159.0

WAR 17 16:44:02.7, 50.26N:18.86E, h0km, ML2.6, Mining Induced, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAC, OJC, OKC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like STHS, VYHNE, UPEC, etc.

ISC 17 16:49:43.9, 2.7, 34.94N:26.52E, mb3.7/2, mb1 3.7/3, mb1mx3.5/1.8, mb1mx3.7/3, Error ellipse: s-maj=66.6km s-min=14.1km az=2.0

ATH 17 16:49:47.9, 35.50N:26.41E, h25km, 2km, MD3.5/8 NEIC 17 16:49:47.9, 35.50N:26.41E, h25km, MD3.5(ATH), After ATH.

HLW 17 16:49:48.9, 35.64N:26.70E, h25km, Mb3.2 CSEM 17 16:49:48.0, 1.35, 42N:26.42E, h25km, MD3.5, Error ellipse: s-maj=4.1km s-min=2.7km az=158.0

ISC 17 16:49:48.0, 0.4, 35.42N:0.04, 26.46E, 0.05, h25km, n21, s1936/25, mb3.7/2, 1C, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KARP, NPS, XRY, etc.

MOS 17 16:51:15.7, 0.9, 41.35S:90.41W, h10km, mb5.2/5, Error ellipse: s-maj=30.4km s-min=21.8km az=97.4

ISC 17 16:51:15.9, 0.9, 41.38S:90.38W, mb4.0/7, mb1 4.3/8, mb1mx4.2/1.6, mb1mx4.0/8, ML3.3/1, MS4.0/10, Ms1 4.0/10, ms1mx3.8/1.7, Error ellipse: s-maj=32.0km s-min=22.5km az=82.0

NEIC 17 16:51:17.1, 0.6, 41.27S:90.43W, h10km, mb4.7/10, Error ellipse: s-maj=19.3km s-min=15.7km az=57.0

ISC 17 16:51:16.6, 0.5, 41.25S:0.09, 90.0W, 0.1, h10km, n40, s1712/7, mb4.4/16, MS4.1/8, 2C-1D, Southeast of Easter Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PLCA, CFAA, TRQA, etc.

RKT Rikitea comp=2.363nm, 27.0s, mb4.0, 282 eLR LR 17 10 28.1

BDFB Brasilia comp=2.456nm, 18.7s, MS4.3, baz=50, slow=35 LR 17 17 25.8

ROSC El Rosal 48.08 21 LR 17 17 30.1

OSPA South Pole Qui 49.88 180 eP P 17 00 05.5 +1.0

SNAA Sanae 50.95 156 P P 17 00 16.0 -1.0

TBI Tubuai 52.32 271 eLR S 17 07 55.3 +0.8

SDV Santo Domingo 52.99 24 P P 17 00 35.6 -0.2

PPT Papeete 55.84 276 eLR S 17 08 42.7 +0.8

PPT Papeete 55.84 276 LR LR 17 17 43.4

MAW Mawson 69.54 169 P P 17 02 26.6 -0.3

GERES GERES Array B 127.69 54 PKP PKPdf 17 10 21.4 -3.5
TIXI Tiksi 143.99 340 I/PKIKP PKPdf 17 10 56.7 +2.7
YAK Yakutsk 148.51 325 ePKPbc PKPdf 17 11 02.8 +1.0

TIR 17 17:32:01.9, 39.69N-20.67E, h15km
ATH 17 17:32:03.1, 39.82N-20.62E, h19km, 2km, MD3.2/5
THE 17 17:32:03.7, 39.83N-20.64E, h4km, ML2.8

SKO 17 17:32:04.8, 39.86N-20.75E
CSEM 17 17:32:04.3, 0.1, 39.81N-20.61E, h20km, MD3.2, Error
ellipse: s-maj=2.5km s-min=2.4km az=130.0

ISC 17 17:32:03.2, 0.5, 39.81N, 0.02-20.72E, 0.03, h3km, 4km,
n26, e0596/47, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JAN Janina, LSK Leskovik, MEV Metsovon, etc.

NIED 17 18:07:00.31, 40N, 142.10E, h8km, Mw4.3 Best double
couple: M3.14x10^15 NP1p3 141°, d78°, λ79°. NP2p3 3°,
d16°, λ131°.

IDC 17 18:07:02.1-0.7, 31.34N-142.09E, mb4.0/12, mb1 4.1/1,
mb1mx4.1/24, mbtmp4.0/17, ML3.7/5, MS3.2/1, Ms1 3.2/1,
ms1mx2.6/26, Error ellipse: s-maj=23.3km s-min=15.7km
az=67.0

MOS 17 18:07:05.1-1.1, 31.19N-141.68E, h32km, mb4.4/11, Error
ellipse: s-maj=24.2km s-min=16.9km az=117.3

JMA 17 18:07:05.04, 31.37N-142.09E, h49km, M4.1
BJI 17 18:07:06.7, 31.33N-142.08E, h74km, mb4.5, mb4.2,
Ms4.1, Msz4.1

NEIC 17 18:07:09.1-1.7, 31.29N-141.71E, h52km, 14km, mb4.3/8,
Error ellipse: s-maj=19.5km s-min=12.0km az=84.0

ISC 17 18:07:06.9-0.8, 31.32N, 0.04-141.73E, 0.09, h46km, 6km,
n64, e1925/77, mb4.1/20, MS3.9/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JHJ2 Mitsune, JHJ1 Hachioji jima 2, etc.

HHC HHC SCP 18 19 37.9
HHC HHC PCS 18 19 45.1
HHC HHC ScS 18 23 25.8 -2.2

ULN Ulanbaatar 31.09 312 eP P 18 13 23.5 +0.6
ULN Ulanbaatar 31.09 312 eP P 18 13 23.5 +0.6

LZH Lanzhou 31.74 289 eP P 18 13 26.9 -1.8
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GSMY Great Sitkin M 2.29 65 P P 18 55 107 -0.6
ATKA Atka Island 3.42 70 P P 18 55 26.5 -0.8
SMY Shemya 4.31 294 P P 18 55 40.5 +0.6

FX1 Attu Island-F 4.90 294 P P 18 55 49.1 +1.0
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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, etc. Includes stations like KIV, KHC, GERES, WRAB, WRA, BRTR, STKA, BOS.

STR 17:19:02.43.0.3.43.54N.0.67W, h5km, 1km, M12.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 17:19:02.43.0.43.54N.0.67W, h5km, ML3.2(LDG), ML2.9(STR), MN2.6(MDD), After STR.

LDG 17:19:02.44.3.0.1.43.46N.0.67W, h10km, M3.0/M2.3/2.24, Error ellipse: s-maj=1.0km s-min=0.8km az=98.0

CSEM 17:19:02.44.6.0.0.43.48N.0.66W, h10km, ML3.2/31, Error ellipse: s-maj=0.9km s-min=0.6km az=105.0

MDD 17:19:02.44.4.0.2.43.48N.0.65W, h10km, mBLG 5/28, Error ellipse: s-maj=2.1km s-min=1.7km az=154.0

PRXIMO ISC 17:19:02.40.7.0.2.43.61N.0.010.0.66W.0.02, h8km, 2km, n156, c126/313, Pyrenees

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Lists numerous stations like ORDI, ATE, OSSF, REYF, LARF, etc.

Main table of station data with columns: CARF, CARF, CARF, etc. Lists stations like Carcanieres, Les Rejaudoux, Miracle, Calviac, etc.

Main table of station data with columns: HYF, HYF, HYF, etc. Lists stations like Humbligny, Signal de Mont, Saint Saule, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAGB La Chapelle, EQES Quesada, EADA Adamuz, etc.

JMA 17-19:17:44.6±0.2, 38.29N×144.78E, h54km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

CRAAG 17-19:26:47.6±0.2, 22.38S±67.98W, Mb6.8

IGU 17-19:26:48.4±1.0, 25.89S±69.69W, h1km, 999km, MS6.2
GLU 17-19:26:52.0±0.8, 23.08S±67.86W, h155km, 7km, ML6.9
MOS 17-19:26:54.2±1.0, 22.20S±67.92W, h149km, mb6.1/73, MS6.3/23, Error ellipse: s-maj=7.3km s-min=4.8km az=75.4

NEIC 17-19:26:54.0±1.1, 22.36S±67.90W, h147km, mb6.0/161, ME6.5, MW6.8, Error ellipse: s-maj=4.0km s-min=2.9km az=211.0 Broadband fault plane solution: P waves. NP1: 0±15°, δ80°, λ-55°. NP2: 0±19°, δ36°, λ-163°. Principal axes: T P1g27°, Azm78°; N P1g0°, Azm0°; P P1g44°, Azm319°. Moment Tensor Solution. s58 Moment tensor: Scale 10¹⁹ Nm; Mr-0.98; Mb-0.35; Mw1.33; Mo-0.18; Mo-0.18; Ms-1.91; Best double couple: M2:2.1x10¹⁹ NP1: 0±18°, δ16°, λ-88°. NP2: 0±5°, δ74°, λ-91°. Principal axes: T 2.43, P1g29°, Azm96°; N -37, P1g0°, Azm55°; P -2.06, P1g61°, Azm275°. Depth from broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Power outages occurred at Tocopilla, Chile. Felt [V] at Mejillones and Tocopilla; [V] at Antofagasta, Calama, Caldera, Camina, Chanaral, Copiapo, Huara, Sierra Gorda and Talita; [IV] at Diego de Almagro, El Salvador, Iquique, Maria Elena, San Pedro de Atacama, Tierra Amarilla and Vallenar; [III] at Arica and Camarones, Chile. Also felt [II] at Calama and Tacna, Peru.

IDC 17-19:26:55.3±0.3, 22.26S±67.68W, h151km, 2km, mb5.7/31, mb1.5/8/34, mb1mx5.8/34, mbtmp6.2/34, MS6.0/13, Ms1.6/0/13, ms1mx5.8/25 Error ellipse: s-maj=6.9km s-min=5.7km az=59.0

BGS 17-19:26:56.1, 22.32S±67.89W, h165km, mb5.8

BUI 17-19:26:56.4, 22.30S±67.90W, h162km, mb6.6

HRVD 17-19:26:56.4±0.2, 22.46S±68.13W, h155km, MW6.8/94, Centroid moment Tensor Solution. LP body waves: s93,c253; Mantle waves: s94,c474; Half duration: 6s1 Moment tensor: Scale 10¹⁹Nm; Mr-0.70±0.1; Mb-0.36±0.1; Mw-1.07±0.1; Mo-0.24±0.1; Mw-0.58±0.1; Ms-1.56±0.1; Best double couple: M1:9.14x10¹⁹ NP1: 0±126°, δ26°, λ-149°. NP2: 0±78°, δ77°, λ-68°. Principal axes: T 2.04, P1g29°, Azm79°; N -25, P1g22°, Azm182°; P -1.788, P1g53°, Azm304°; nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

LDG 17-19:26:59.0±0.4, 21.30S±67.48W, h161km, Mb5.9/44, Ms6.2/10 Error ellipse: s-maj=22.9km s-min=17.7km az=16.0

ISC 17-19:26:54.8±0.1, 22.37S±0.03±67.94W±0.03, h162km, h162km, 7km; p-P, n1104, σ1507/726, mb5.9/201, 174C-27D, Chile-Livigia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPCH San Pedro de A, ANCH Antofagasta, CPN1 Cerro Paranal, etc.

Main table with columns: MDZ Mendoza, MDZ La Chapelle, NNA Nana, SAML Samuel, LPA La Plata, etc. Includes station codes and times.

Table with columns: ASCN Ascension, BBSR BB Station, CJM Chama, ZHAC Zacatecas, NAIG New Hope, etc. Includes station codes and times.

17d 19h

Table with columns for call sign, name, frequency, and other details. Includes stations like GUADALUPE MOUN, WESTON, CORNUDAS MOUNT, HARVARD-OAK R, etc.

2005 NOV

Table with columns for call sign, name, frequency, and other details. Includes stations like BLACK HILLS, SAN NICOLAS IS, TUBUAL, MAPLE CANYON, etc.

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Table with columns for call sign, name, frequency, and other details. Includes stations like SUTHERLAND, MADISON RIVER, WALKER, SAN ANDREAS GE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STON, ARS, ARZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DIV, JAV, BIA, etc.

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

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

NEIC 17 20:35:32.1, 32.865s-70.34W, h4km, ML2.5(GUC), After GUC

GUC 17 20:35:32.1, 32.865s-70.34W, h4km, ML2.5, Chile-Argentina border region

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

NAO 17 20:35:44.7, 1.67.09N-21.06E, ML1.9

HEL 17 20:35:44.7, 1.67.08N-20.86E, ML1.9(UPP), ML1.7(BER), Explosion

IDC 17 20:35:44.4, 0.9.67.07N-21.13E, mb1 2.9/4, mb1mx2.9/22, mbtmp2.9/4, ML2.5/4, Error ellipse: s-maj=17.4km s-min=7.7km az=118.0

BER 17 20:35:46.7, 3.6.67.13N-21.02E, ML1.7, ML1.9(NAO), Suspected explosion

ISC 17 20:35:42.8, 0.3, 67.03N, 0.02, 20.96E, 0.06, n42, e1926/68, Sweden

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Apatity Array, Sumiainen, Keuruu, etc.

ISK 17 21:01:29.8, 38.22N-26.61E, h17km, MD2.7

ATH 17 21:01:30.0, 38.10N-26.75E, h42km, 1km, MD2.8/3

CSEM 17 21:01:30.1, 0.1, 38.10N-26.78E, h25km, MD2.7, Error ellipse: s-maj=4.0km s-min=2.2km az=121.0

ISC 17 21:01:30.5, 0.7, 38.17N-26.62E, 0.05, h10km, n12, e1504/20, Aegean Sea

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

NEIC 17 21:02:45.0, 37.65S-178.56E, h65km, ML3.7(WEL), After WEL

WEL 17 21:02:45.0, 37.63S-178.47E, h65km, 3km, ML3.6/10, 1C, Error ellipse: s-maj=4.7km s-min=2.5km az=90.0, East coast of North Island

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

SKO 17 21:39:34.5, 40.19N-20.78E, h3km

ATH 17 21:39:36.3, 40.31N-20.53E, h2km, MD2.9/4

NEIC 17 21:39:36.3, 40.31N-20.53E, h2km, MD2.9(ATH), After ATH

CSEM 17 21:39:36.4, 0.5, 40.37N-20.56E, h35km, 9.7, Error ellipse: s-maj=17.1km s-min=9.2km az=129.0

ISC 17 21:39:36.8, 0.9, 40.31N, 0.05, 20.6E, 0.1, h24km, 8km, n8, e099/12, Greece-Albania border region

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

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erkin-Say, Kyzart, Ala-Archa, etc.

KMI	SS	SS	22 13 57.9	-1.3
KMI	SSS	SSS	22 14 24.4	-1.4
KMI	LR	LR		
comp-Z,6um,15.8s,MSS.4				
Kunming	34.57	267	P	P
			22 06 19.0	-0.9
			22 07 35.2	
			22 07 53.2	-1.2
			22 11 47.3	0.0
			22 13 57.9	-1.3
			22 14 24.4	-1.4
comp-Z,13nm,0.7s,mb5.0				
MIDW	35.61	87	PFAKE	LR
Midway				
			22 06 40.0	+11
comp-Z,3um,19.0s,MSS.0				
Kota Kinabalu	35.85	226	P	P
Bilibino	37.59	15	eP	
comp-Z,16nm,0.9s,mb4.8				
BILL	37.59	15	iP	P
Bilibino				
			22 06 44.6	-0.4
comp-Z,34nm,2.5s,mb4.6				
BILL	38.63	254	P	P
Khron Kaen	38.96	354	eP	
Tiksi			22 08 27.3	
			22 12 49.6	-4.5
			22 15 41.9	+4.1
comp-Z,17nm,1.1s,mb4.7				
TIXI	39.31	261	iP	P
Chiangrai				
			22 06 57.0	-2.9
comp-Z,210nm,1.1s,mb5.8				
CHG	40.51	260	P	P
Chiang Mai			22 07 09.3	-0.5
comp-Z,43nm,1.1s,mb5.0				
NST	41.16	255	P	P
Nakhon Sawan	41.81	45	PFAKE	LR
Unalaksa Valle			22 07 30.0	+10
comp-Z,4um,21.0s,MSS.2				
Urumqi	42.62	300	iP	P
			22 07 27.0	+0.2
			22 07 32.0	+0.5
			22 07 34.8	+1.4
			22 09 07.5	-1.0
			22 13 50.0	+1.2
			22 17 26.0	+0.4
comp-Z,120nm,1.0s,mb5.6				
WMQ	42.67	279	P	P
Lhasa			22 07 28.4	+0.9
Lhasa			22 07 27.6	+0.1
comp-Z,18nm,1.0s,mb4.8				
LSA	42.67	279	eP	P
Lhasa			22 07 27.6	+0.1
comp-Z,18nm,1.0s,mb4.8				
PMG	42.84	172	P	P
Port Moresby			22 07 31.3	+2.2
comp-Z,7.0nm,0.5s,mb4.7,baz=284,slow=9.2,SNR=3.9				
Port Moresby	42.84	172	LR	LR
comp-Z,674nm,19.0s,MSS.4.6				
PMG	42.84	172	iP	P
Port Moresby			22 07 29.9	+0.8
Kuching	43.06	229	eP	P
Shillong	43.49	273	eP	P
Shal			22 13 08.0	
Zalesovo	44.49	315	P	P
comp-Z,3.4nm,0.6s,mb4.3,baz=3.5,slow=9.3,SNR=21				
			22 09 26.1	+0.3
comp-Z,4.6nm,0.6s,baz=17,slow=6.2,SNR=4.4				
			22 27 48.6	
comp-Z,3um,18.0s,MSS.2,baz=19,slow=38				
			22 07 48.4	-1.2
NVS	45.46	316	eP	P
Novosibirsk			22 09 40.7	
			22 14 24.2	-5.6
comp-N,9.0nm,1.2s				
NVS				
comp-E,38nm,1.2s				
NVS				
comp-Z,44nm,1.2s,mb5.2				
NVS				
comp-E,12nm,1.2s				
NVS				
HNR	46.03	154	LR	LR
Honiara			22 25 32.3	
comp-E,1um,20.8s,MSS.4.8,baz=330,slow=34				
Honiara	46.03	154	PFAKE	LR
comp-Z,1um,19.0s,MSS.4.9				
MKAR	46.17	305	P	P
Makanchi Array			22 07 54.7	-0.6
comp-Z,8.5nm,0.6s,mb4.8,baz=87,slow=9.7,SNR=61				
			22 09 31.9	+0.2
comp-Z,8.1nm,0.9s,baz=89,slow=4.7,SNR=3.6				
			22 14 40.8	+0.7
comp-Z,2.7nm,1.1s,baz=72,slow=9.1,SNR=3.2				
			22 29 07.9	
comp-Z,2um,17.0s,MSS.2,baz=90,slow=38				
KAKA	46.57	192	eP	P
Kakadu			22 08 17.2	+18
comp-Z,128nm,0.7s,mb6.0				
KULM	47.04	243	P	P
Kulim			22 08 01.4	-1.3
GUNB	47.63	279	eP	P
Gumba			22 08 07.1	-0.1
comp-Z,158nm,0.9s,mb6.0				
PKI	48.14	279	eP	P
Pulchoki			22 08 11.2	+0.1
comp-Z,121nm,1.2s,mb5.8				
KKN	48.17	279	eP	P
Kakani			22 08 10.4	-0.9
comp-Z,140nm,0.9s,mb6.0				
KURK	48.28	311	eP	P
Kurchatov			22 08 10.2	-1.7
comp-Z,53nm,0.8s,mb5.6				
KURK				
comp-Z,880nm,20.0s,MSS.7				
KURK	48.28	311	iP	P
Kurchatov			22 08 10.8	-1.1
DMN	48.38	279	eP	P
Daman			22 08 12.6	-0.4
comp-Z,130nm,1.2s,mb5.8				
GKN	48.62	280	eP	P
Gorkha			22 08 14.1	-0.7
comp-Z,315nm,1.2s				
BOK	49.20	274	eP	P
Bokaro			22 08 20.6	+1.3
comp-Z,24nm,1.1s,mb5.2				
KOLN	49.56	280	eP	P
Koldanda			22 08 21.3	-0.8
comp-Z,243nm,1.3s,mb6.1				
KDAK	49.90	40	P	P
Kodiak Island			22 08 22.9	-1.3
comp-Z,6.7nm,0.5s,mb5.0,baz=288,slow=9.0,SNR=11				
KDAK				
comp-Z,600nm,21.8s,MSS.4.6,baz=287,slow=30.3				
			22 27 05.2	
KDAK	49.90	40	LR	LR
Kodiak Island			22 08 22.9	-1.3
KDOK	51.47	301	P	P
Tokmak 2			22 08 38.2	+1.8
comp-Z,973nm,19.0s,MSS.4.8				
PMR	51.63	35	PFAKE	LR
Palmer			22 08 50.0	+13
comp-Z,3um,14.3s,MSS.7				
KZA	51.99	301	P	P
Kyzart			22 08 42.3	+2.5
comp-Z,10nm,0.9s,mb4.8				
KBK	51.99	301	P	P
Karagaybulak			22 08 41.3	+0.9
comp-Z,10nm,0.9s,mb4.8				
KSH	52.00	297	eP	P
Kashi			22 08 43.3	+2.9
			22 08 47.3	+2.1
			22 08 50.1	+3.1
			22 09 53.1	+0.2
			22 10 42.1	+2.8
			22 13 51.4	
			22 16 06.3	+4.7
			22 16 14.3	
			22 19 43.1	+6.2
comp-Z,370nm,3.2s				
KSH				
comp-N,4um,14.4s,MSS.7				
KSH				
comp-E,3um,14.3s,MSS.7				
USP	52.17	302	P	P
Ospenovka			22 08 42.3	+0.6
comp-Z,4um,18.0s,MSS.7				
FRU	52.19	301	eP	P
Bishkek			22 08 42.0	+0.2
			22 08 54.5	

FRU	comp-Z,110nm,2.2s,mb5.4			
FRU	52.23	311	eP	P
COLA			22 08 42.3	+0.4
COLA				
comp-Z,632nm,20.0s,MSS.7.4				
AAK	52.32	301	P	P
Al-Archa			22 08 43.5	+0.7
comp-Z,2.2nm,0.7s,mb4.2,baz=269,slow=5.4,SNR=22				
ILAR	52.65	31	P	P
Ela-Array			22 08 42.6	-2.3
comp-Z,2.6nm,0.7s,mb4.2,baz=269,slow=5.4,SNR=22				
VOSK	52.80	314	P	P
Vostochnaya			22 08 44.7	-1.6
comp-Z,68nm,1.1s,mb5.5				
CHKZ	52.89	315	eP	P
Chkalovo			22 08 45.2	-1.7
comp-Z,48nm,1.1s,mb5.3				
CHKZ	52.89	315	eP	P
Chkalovo			22 08 45.2	-1.7
comp-Z,47nm,1.1s,mb5.3				
AML	53.02	300	P	P
Almayashu			22 08 48.6	+0.5
SNR=16				
BLSP	53.03	274	eP	P
Bilaspur			22 08 47.7	-0.7
comp-Z,57nm,1.4s,mb5.3				
BVAO	53.11	314	iP	P
Borovoye Array			22 08 43.9	-4.7
comp-Z,9.0nm,1.1s,mb4.6				
BVAO	53.11	314	P	P
Borovoye Array			22 08 47.5	-1.1
comp-Z,8.6nm,0.7s,mb4.8,baz=84,slow=8.0,SNR=53				
BVAR	53.17	314	eP	P
Borovoye			22 09 57.3	+0.5
comp-Z,6.5nm,0.6s,baz=72,slow=4.2,SNR=5.4				
BRVK	53.17	314	eP	P
Borovoye			22 08 47.5	-1.5
comp-Z,35nm,1.1s,mb5.2				
BRVK				
comp-Z,336nm,20.0s,MSS.4.4				
BRVK	53.17	314	eP	P
Borovoye			22 08 47.5	-1.5
comp-Z,35nm,1.1s,mb5.2				
BRVK				
comp-Z,336nm,20.0s,MSS.4.4				
</				

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKASG, BOZ, KELT, NOA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PPT, KECS, OKC, WUAZ, MORC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES, TBKS, ARSA, EYMN, etc.

17D 23h

Table with columns: RUF, Les Rejaudoux, 96.470 333, eP, P, 22 12 46.5 -0.2, etc. Includes stations like Les Rejaudoux, Ste Croix, Calviac, etc.

MOS 17 22:06:05.0t.1.2.33.50N:141.93E, h33km, mb4.7/6, Error ellipse: s-maj=21.3km s-min=9.7km az=116.3, BJI 17 22:06:07.2.33.14N:141.21E, h36km, mb4.4, mb4.5, Ms4.4, Msz4.4, etc.

2005 NOV

KIV Kislovodsk 73.44 312 P P 22 17 37.1 +0.9, KIV Kislovodsk 73.44 312 P P 22 17 37.1 +0.9, BRTR Keskin Array B 81.41 312 P P 22 18 22.0 +1.5, etc.

CSEM 17 22:43:08.9.0.1.49.33N:6.82E, h2km, ML2.6/4, Error ellipse: s-maj=2.1km s-min=1.8km az=107.0, LDG 17 22:43:09.2.0.3.49.32N:6.84E, h1km, Md2.7/1, ML2.6/5, Error ellipse: s-maj=5.1km s-min=2.9km az=149.0, Suspected Mining Induced, etc.

NEIC 17 22:59:32.6.9.43N:84.61W, h12km, MD3.9(CASC), After CASC, CAS 17 22:59:32.6.2.9.40N:84.61W, h5km, 7km, MD3.8, ML3.1, 10C-25D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAO Cobano, EPA Esparza, CGA2 Cerro Gallo 2, etc.

IDC 17 23:11:46.0t.1.3.12.96N:146.82E, mb3.9/6, mb1.4/0.6, mb1mx3.8/19, mb1mx3.9/6, Error ellipse: s-maj=34.3km s-min=27.8km az=97.0, MOS 17 23:11:49.6t.0.1.12.96N:146.71E, h33km, mb4.7/3, Error ellipse: s-maj=30.9km s-min=17.1km az=41.5, etc.

418

BVAR Borovoye Array 71.54 322 P P 23 23 09.3 +0.2, BRVK Borovoye 71.61 322 P P 23 23 10.2 +0.7, BRVK Borovoye 71.61 322 P P 23 23 10.2 +0.7, etc.

MOS 17 23:14:01.2t.1.0.18.88N:145.55E, h202km, mb5.2/3, Error ellipse: s-maj=37.5km s-min=16.4km az=102.5, NEIC 17 23:14:05.3t.4.18.86N:145.56E, h224km, 4.1km, mb4.8/2, Error ellipse: s-maj=24.9km s-min=13.2km az=77.0, etc.

ATH 17 23:14:55.6t.0.40.31N:22.75E, h20km, MD3.1/4, THE 17 23:14:55.6t.0.40.34N:22.76E, h1km, ML2.4, NEIC 17 23:14:55.6t.0.40.34N:22.76E, h2km, MD3.1(ATH), ML2.4(ATH), After THE

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIT Litokhoron, THE Thessaloniki, PLG Polygros, etc.

KRSC 17 23:20:10.1t.0.6.52.86N:156.93E, h328km, 5km, ML3.9, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APC Apacha, GRM Karymsinskiy, GNL Ganaly, etc.

MOS 17 23:22:46.2t.1.1.51.71N:178.68W, h33km, mb4.5/6, Error ellipse: s-maj=14.3km s-min=10.2km az=63.0, BJI 17 23:22:49.3.52.15N:178.15W, h55km, mb4.6, mb4.9, Ms4.5, Msz4.2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like Novy Kostel, Collim, Wetzell, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like GTA, SSKS, SS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like MAK, GNI, etc.

18d 4h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VOSK, CHKZ, DRGR, KWP, KLMR, PSZ, KURK, MK31, FINES, KAF, GERES, CLL, HFS, NB2, NOA, NAO01, NAO, NAO2, ARCES, SONM, ULN, ULN2, SJE, SJE2, SJE3, SJE4, SJE5, SJE6, SJE7, SJE8, SJE9, SJE10, SJE11, SJE12, SJE13, SJE14, SJE15, SJE16, SJE17, SJE18, SJE19, SJE20, SJE21, SJE22, SJE23, SJE24, SJE25, SJE26, SJE27, SJE28, SJE29, SJE30, SJE31, SJE32, SJE33, SJE34, SJE35, SJE36, SJE37, SJE38, SJE39, SJE40, SJE41, SJE42, SJE43, SJE44, SJE45, SJE46, SJE47, SJE48, SJE49, SJE50, SJE51, SJE52, SJE53, SJE54, SJE55, SJE56, SJE57, SJE58, SJE59, SJE60, SJE61, SJE62, SJE63, SJE64, SJE65, SJE66, SJE67, SJE68, SJE69, SJE70, SJE71, SJE72, SJE73, SJE74, SJE75, SJE76, SJE77, SJE78, SJE79, SJE80, SJE81, SJE82, SJE83, SJE84, SJE85, SJE86, SJE87, SJE88, SJE89, SJE90, SJE91, SJE92, SJE93, SJE94, SJE95, SJE96, SJE97, SJE98, SJE99, SJE100.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFI2, AFI3, AFI4, AFI5, AFI6, AFI7, AFI8, AFI9, AFI10, AFI11, AFI12, AFI13, AFI14, AFI15, AFI16, AFI17, AFI18, AFI19, AFI20, AFI21, AFI22, AFI23, AFI24, AFI25, AFI26, AFI27, AFI28, AFI29, AFI30, AFI31, AFI32, AFI33, AFI34, AFI35, AFI36, AFI37, AFI38, AFI39, AFI40, AFI41, AFI42, AFI43, AFI44, AFI45, AFI46, AFI47, AFI48, AFI49, AFI50, AFI51, AFI52, AFI53, AFI54, AFI55, AFI56, AFI57, AFI58, AFI59, AFI60, AFI61, AFI62, AFI63, AFI64, AFI65, AFI66, AFI67, AFI68, AFI69, AFI70, AFI71, AFI72, AFI73, AFI74, AFI75, AFI76, AFI77, AFI78, AFI79, AFI80, AFI81, AFI82, AFI83, AFI84, AFI85, AFI86, AFI87, AFI88, AFI89, AFI90, AFI91, AFI92, AFI93, AFI94, AFI95, AFI96, AFI97, AFI98, AFI99, AFI100.

2005 NOV

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR, PV01, PDAR, SMCO, COLA, ILAR, MAW, MORC, VRAC, BRTR, MLR, KHC, KHC2, KHC3, KHC4, KHC5, KHC6, KHC7, KHC8, KHC9, KHC10, KHC11, KHC12, KHC13, KHC14, KHC15, KHC16, KHC17, KHC18, KHC19, KHC20, KHC21, KHC22, KHC23, KHC24, KHC25, KHC26, KHC27, KHC28, KHC29, KHC30, KHC31, KHC32, KHC33, KHC34, KHC35, KHC36, KHC37, KHC38, KHC39, KHC40, KHC41, KHC42, KHC43, KHC44, KHC45, KHC46, KHC47, KHC48, KHC49, KHC50, KHC51, KHC52, KHC53, KHC54, KHC55, KHC56, KHC57, KHC58, KHC59, KHC60, KHC61, KHC62, KHC63, KHC64, KHC65, KHC66, KHC67, KHC68, KHC69, KHC70, KHC71, KHC72, KHC73, KHC74, KHC75, KHC76, KHC77, KHC78, KHC79, KHC80, KHC81, KHC82, KHC83, KHC84, KHC85, KHC86, KHC87, KHC88, KHC89, KHC90, KHC91, KHC92, KHC93, KHC94, KHC95, KHC96, KHC97, KHC98, KHC99, KHC100.

IDC 18 04:18:13.4z.2.0, 1.08N:96.88E, mb4.3/6, mb1.4/4.6, mb1mx3.9/18, mbtmp4.3/6, Error ellipse: s-maj=87.9km s-min=25.0km az=53.0
BUJ 18 04:18:15.0, 0.99N:97.50E, h30km, mb5.0, mb4.7, Ms4.6, Ms2.5
NEIC 18 04:18:17.8z.0.7, 1.19N:97.14E, mb4.7/8, Error ellipse: s-maj=16.4km s-min=9.2km az=219.0

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KULM, KMI, KMI2, KMI3, KMI4, KMI5, KMI6, KMI7, KMI8, KMI9, KMI10, KMI11, KMI12, KMI13, KMI14, KMI15, KMI16, KMI17, KMI18, KMI19, KMI20, KMI21, KMI22, KMI23, KMI24, KMI25, KMI26, KMI27, KMI28, KMI29, KMI30, KMI31, KMI32, KMI33, KMI34, KMI35, KMI36, KMI37, KMI38, KMI39, KMI40, KMI41, KMI42, KMI43, KMI44, KMI45, KMI46, KMI47, KMI48, KMI49, KMI50, KMI51, KMI52, KMI53, KMI54, KMI55, KMI56, KMI57, KMI58, KMI59, KMI60, KMI61, KMI62, KMI63, KMI64, KMI65, KMI66, KMI67, KMI68, KMI69, KMI70, KMI71, KMI72, KMI73, KMI74, KMI75, KMI76, KMI77, KMI78, KMI79, KMI80, KMI81, KMI82, KMI83, KMI84, KMI85, KMI86, KMI87, KMI88, KMI89, KMI90, KMI91, KMI92, KMI93, KMI94, KMI95, KMI96, KMI97, KMI98, KMI99, KMI100.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GYA, GYA2, GYA3, GYA4, GYA5, GYA6, GYA7, GYA8, GYA9, GYA10, GYA11, GYA12, GYA13, GYA14, GYA15, GYA16, GYA17, GYA18, GYA19, GYA20, GYA21, GYA22, GYA23, GYA24, GYA25, GYA26, GYA27, GYA28, GYA29, GYA30, GYA31, GYA32, GYA33, GYA34, GYA35, GYA36, GYA37, GYA38, GYA39, GYA40, GYA41, GYA42, GYA43, GYA44, GYA45, GYA46, GYA47, GYA48, GYA49, GYA50, GYA51, GYA52, GYA53, GYA54, GYA55, GYA56, GYA57, GYA58, GYA59, GYA60, GYA61, GYA62, GYA63, GYA64, GYA65, GYA66, GYA67, GYA68, GYA69, GYA70, GYA71, GYA72, GYA73, GYA74, GYA75, GYA76, GYA77, GYA78, GYA79, GYA80, GYA81, GYA82, GYA83, GYA84, GYA85, GYA86, GYA87, GYA88, GYA89, GYA90, GYA91, GYA92, GYA93, GYA94, GYA95, GYA96, GYA97, GYA98, GYA99, GYA100.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JIRN, PKI, DMN, LSA, GKN, ENH, ENH2, ENH3, ENH4, ENH5, ENH6, ENH7, ENH8, ENH9, ENH10, ENH11, ENH12, ENH13, ENH14, ENH15, ENH16, ENH17, ENH18, ENH19, ENH20, ENH21, ENH22, ENH23, ENH24, ENH25, ENH26, ENH27, ENH28, ENH29, ENH30, ENH31, ENH32, ENH33, ENH34, ENH35, ENH36, ENH37, ENH38, ENH39, ENH40, ENH41, ENH42, ENH43, ENH44, ENH45, ENH46, ENH47, ENH48, ENH49, ENH50, ENH51, ENH52, ENH53, ENH54, ENH55, ENH56, ENH57, ENH58, ENH59, ENH60, ENH61, ENH62, ENH63, ENH64, ENH65, ENH66, ENH67, ENH68, ENH69, ENH70, ENH71, ENH72, ENH73, ENH74, ENH75, ENH76, ENH77, ENH78, ENH79, ENH80, ENH81, ENH82, ENH83, ENH84, ENH85, ENH86, ENH87, ENH88, ENH89, ENH90, ENH91, ENH92, ENH93, ENH94, ENH95, ENH96, ENH97, ENH98, ENH99, ENH100.

424

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CN2, HIA, KURK, BVAR, CHKZ, AKTO, ARCES, ARCES2, ARCES3, ARCES4, ARCES5, ARCES6, ARCES7, ARCES8, ARCES9, ARCES10, ARCES11, ARCES12, ARCES13, ARCES14, ARCES15, ARCES16, ARCES17, ARCES18, ARCES19, ARCES20, ARCES21, ARCES22, ARCES23, ARCES24, ARCES25, ARCES26, ARCES27, ARCES28, ARCES29, ARCES30, ARCES31, ARCES32, ARCES33, ARCES34, ARCES35, ARCES36, ARCES37, ARCES38, ARCES39, ARCES40, ARCES41, ARCES42, ARCES43, ARCES44, ARCES45, ARCES46, ARCES47, ARCES48, ARCES49, ARCES50, ARCES51, ARCES52, ARCES53, ARCES54, ARCES55, ARCES56, ARCES57, ARCES58, ARCES59, ARCES60, ARCES61, ARCES62, ARCES63, ARCES64, ARCES65, ARCES66, ARCES67, ARCES68, ARCES69, ARCES70, ARCES71, ARCES72, ARCES73, ARCES74, ARCES75, ARCES76, ARCES77, ARCES78, ARCES79, ARCES80, ARCES81, ARCES82, ARCES83, ARCES84, ARCES85, ARCES86, ARCES87, ARCES88, ARCES89, ARCES90, ARCES91, ARCES92, ARCES93, ARCES94, ARCES95, ARCES96, ARCES97, ARCES98, ARCES99, ARCES100.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KBA, KBA2, PLRO, GORS, GORS2, ROBS, CADR, CADR2, CADR3, CADR4, CADR5, CADR6, CADR7, CADR8, CADR9, CADR10, CADR11, CADR12, CADR13, CADR14, CADR15, CADR16, CADR17, CADR18, CADR19, CADR20, CADR21, CADR22, CADR23, CADR24, CADR25, CADR26, CADR27, CADR28, CADR29, CADR30, CADR31, CADR32, CADR33, CADR34, CADR35, CADR36, CADR37, CADR38, CADR39, CADR40, CADR41, CADR42, CADR43, CADR44, CADR45, CADR46, CADR47, CADR48, CADR49, CADR50, CADR51, CADR52, CADR53, CADR54, CADR55, CADR56, CADR57, CADR58, CADR59, CADR60, CADR61, CADR62, CADR63, CADR64, CADR65, CADR66, CADR67, CADR68, CADR69, CADR70, CADR71, CADR72, CADR73, CADR74, CADR75, CADR76, CADR77, CADR78, CADR79, CADR80, CADR81, CADR82, CADR83, CADR84, CADR85, CADR86, CADR87, CADR88, CADR89, CADR90, CADR91, CADR92, CADR93, CADR94, CADR95, CADR96, CADR97, CADR98, CADR99, CADR100.

MAN 18 04:33:59.9, 14.75N:123.23E, h15km, mb5.8, ML4.8, MS5.2
SKO 18 04:33:59.8, 14.53N:123.20E
BUJ 18 04:34:00.7, 14.39N:123.61E, h53km, mb4.9, mb4.6, Ms4.7, Ms2.5
MOS 18 04:34:00.8, 1.1, 14.68N:123.30E, h33km, mb5.2/31, Ms4.7/8, Error ellipse: s-maj=10.7km s-min=6.2km az=117.6

IDC 18 04:34:01.8z.5, 3.16N:123.27E, h30km, mb4.6/20, mb1.4/7.21, mb1mx4.7/23, mbtmp4.8/21, ML4.7/2, MS4.3/13, Ms1.4/13, ms1mx4.2/23, Error ellipse: s-maj=17.9km s-min=10.8km az=69.0
HRVD 18 04:34:03.7z.0.3, 14.66N:123.21E, h12km, MW5.1/60, Centroid moment Tensor Solution. LP body waves: s22,C22,Mantle waves: s60,C118; Half duration: 1s0 Moment tensor: Scale 10^18Nm; Mr=3.65e+18; Mw=1.54e+13; Mw2=2.11e+17; Mw=1.51e+12; Mw2=8.8e+12; Mw=3.00e+8; Best double couple: Mo=1.36e+10^16 NPT; phi=68.8; delta=36.8; NP2=187.7; phi=99.1; delta=122.2; Principal axes: T5.433, P18.7, Azm301.7; N1.407, P130.0; Azm200.7; P=6.84, P135.4; Azm57.7; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like POLP, POLP2, POLP3, POLP4, POLP5, POLP6, POLP7, POLP8, POLP9, POLP10, POLP11, POLP12, POLP13, POLP14, POLP15, POLP16, POLP17, POLP18, POLP19, POLP20, POLP21, POLP22, POLP23, POLP24, POLP25, POLP26, POLP27, POLP28, POLP29, POLP30, POLP31, POLP32, POLP33, POLP34, POLP35, POLP36, POLP37, POLP38, POLP39, POLP40, POLP41, POLP42, POLP43, POLP44, POLP45, POLP46, POLP47, POLP48, POLP49, POLP50, POLP51, POLP52, POLP53, POLP54, POLP55, POLP56, POLP57, POLP58, POLP59, POLP60, POLP61, POLP62, POLP63, POLP64, POLP65, POLP66, POLP67, POLP68, POLP69, POLP70, POLP71, POLP72, POLP73, POLP74, POLP75, POLP76, POLP77, POLP78, POLP79, POLP80, POLP81, POLP82, POLP83, POLP84, POLP85, POLP86, POLP87, POLP88, POLP89, POLP90, POLP91, POLP92, POLP93, POLP94, POLP95, POLP96, POLP97, POLP98, POLP99, POLP100.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TGU, TGU2, TGU3, TGU4, TGU5, TGU6, TGU7, TGU8, TGU9, TGU10, TGU11, TGU12, TGU13, TGU14, TGU15, TGU16, TGU17, TGU18, TGU19, TGU20, TGU21, TGU22, TGU23, TGU24, TGU25, TGU26, TGU27, TGU28, TGU29, TGU30, TGU31, TGU32, TGU33, TGU34, TGU35, TGU36, TGU37, TGU38, TGU39, TGU40, TGU41, TGU42, TGU43, TGU44, TGU45, TGU46, TGU47, TGU48, TGU49, TGU50, TGU51, TGU52, TGU53, TGU54, TGU55, TGU56, TGU57, TGU58, TGU59, TGU60, TGU61, TGU62, TGU63, TGU64, TGU65, TGU66, TGU67, TGU68, TGU69, TGU70, TGU71, TGU72, TGU73, TGU74, TGU75, TGU76, TGU77, TGU78, TGU79, TGU80, TGU81, TGU82, TGU83, TGU84, TGU85, TGU86, TGU87, TGU88, TGU89, TGU90, TGU91, TGU92, TGU93, TGU94, TGU95, TGU96, TGU97, TGU98, TGU99, TGU100.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASPA Alice Springs, KURK Kurchatov, HIA Hailar, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PSZ Piszkesteto, TSUM Tsumeb, GRES Geres, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OUL NORASR Subarra, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neumayer-Watz, Neumayer-Stat, Neumayer-Olymp, Boshof, Mawson, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Polilio Island, Virac, Sun Andres, Boac, Baler.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Okha, Nikolayevsk, Nikl, Ekimchan, Makanchi Array.

SKHL 18 07:38:47.01.6, 5.44.10N x 142.20E, h101km, mb4.3/1, 18d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guinayanang, Polilio Island, Virac, Sun Andres, Baler, Boac, Palayan, Tagaytay City, Cauayan, Puerto Galera, Odiong, San Jose, Lubang, Santa Cruz, APYV, Dolores, Songoing Array, Warramunga Arr, Makanchi Array.

UCR 18 08:01:39.6, 8.96N-84.23W, h21km, MD4.6, MW4.4, NEIC 18 08:01:40.7, 8.94N-84.26W, h21km, MD4.7(CASC), After CASC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Buena Vista, Lucha 2, Urasca, Escuela Geolog, Piscal, Volcan Irazu 2, Volcan Irazu, Volcan Irazu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Gallo 2, Cerro Gallo 2, Cerro Adams, Cerro Adams, Esparza, Picada, Volcan Turrial, CAO Cobano, POAZ Poas 2, VPS2 Volcan Poas 2, Cotoan, Bruz Volcan, Bruz Volcan, JuntasAbangare, JuntasAbangare, FORC Fortuna, FORC Fortuna, Volcan Arenal, VACR Vista de Mar, VCR Vista de Mar, AZU Pedas.

ISK 18 08:42:44.6, 38.11N-26.68E, h5km, MD2.9, ATH 18 08:42:45.6, 38.18N-26.52E, h101km, MD3.1/3, CSEM 18 08:42:45.7, 38.15N-26.75E, h101km, MD3.9, Error ellipse: s-maj=5.7km s-min=3.5km az=142.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Izmir, Balco, Salmos, Izmir, IZM Izmir, KADAG Borosoa, PRK Parasek, PRK Ayvalik, AKS Akhisar, BODT Bodrum, BDRM Kayabasi, APE Apeiranthos, MANT Manisa, BALB Balikesir.

IDC 18 09:02:02.6, 4.8, 0.55N, 126.35E, h83km, mb4.0/6, mb1.4, 1.7, mb1mx3.8/17, mbmt=2.27, ML3.8/1, Error ellipse: s-maj=83.2km s-min=11.2km az=68.0

NEIC 18 09:02:03.9, 0.7, 0.58N, 126.48E, h100km, mb4.4/1, Error ellipse: s-maj=55.1km s-min=9.9km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kakadu, FITZ Fitzroy Cross, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, BVAR Borovoye Array, AKTO Aktyubinsk.

NEIC 18 09:20:02.0, 30.85S, 71.71W, h24km, ML3.6(GUC), After GUC

GUC 18 09:20:02.0, 7.3085S, 71.71W, h24km, 3km, MD4.0, ML3.6, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Combarbala, Ililap, La Serena, Los Chungos, Chng, Chng, Jahuel, El Roble, Peldehue, LCHS Las Cruces, Farellones, Talagante, Chadas Angostu, Melos, SFDO San Fernando.

NIED 18 09:30:00, 43.20N, 145.40E, h101km, Mw3.9 Best double couple: M0.75x1014 NP1.83, 880, 174. NP2.322, 819, 147.

MOS 18 09:30:26.9, 0.7, 43.33N, 145.16E, h102km, mb4.3/13, Error ellipse: s-maj=14.6km s-min=10.8km az=101.4

BUI 18 09:30:27.1, 43.54N, 145.04E, h78km, mb4.8, mb4.5, Ms3.8, Ms3.4

NEIC 18 09:30:27.8, 1.2, 43.29N, 145.24E, h98km, 13km, mb4.2/13, Error ellipse: s-maj=10.9km s-min=7.0km az=177.0

NEIC Recorded [2 JMA] in eastern Hokkaido. JMA 18 09:30:29.2, 0.1, 43.25N, 145.36E, h104km, Ms3.8 Broadband fault plane solution: P waves. NP1.307, 826, 132. NP2.82, 871, 172. Principal axes: T P160, Azm326; N P171; Azm88; P P124; Azm186; JMA Felt II J1.

IDC 18 09:30:31.0, 1.7, 43.40N-145.26E, h122km, 13km, mb3.9/16, mb1.4, 1.1/17, mb1mx4.0/24, mbmp4.3/17 Error ellipse: s-maj=20.5km s-min=13.7km az=177.0

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nemuro 2, Akeshi, Nakash, Rausu, Yuzh-Kuril'sk, Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

ISC 18 09:30:27.6, 0.4, 43.25N, 145.35E, 0.05, h114km, 2km, n67, 0.84/79, mb4.2/32, 5C-7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ashorobuto, Onbets, Abashiri-Toko, Churui, Maruseppu, Asahikawa, Matushiro, Matushiro Arr, Hailar, Hailar, Sheshan, Sheshan, Nanjing, Indian Mountain, Zalesovo, Kodiak Island, Kodiak College, Kodiak College, Eielson Array, Makanchi Array, Kurchatov, Kurchatov, Inuvik, Inuvik, Chkalovo, Chkalovo, Borovoye, Borovoye, Ala-Archa, Ala-Archa, Arti, Aktyubinsk, Aktyubinsk, Arcees Array, Warramunga Arr, Kangasini, Sumit, Fines Finness Array, Fines Finness Array, Boz Bozeman (W), Boz Bozeman (W), Kiv Kislovodsk, Kiv Kislovodsk.

Table with columns: NB2, NOA, MOOW, AKASG, BW06, PDAR, GERES, TXAR, CFAA. Includes station names, times, and coordinates.

IDC 18 09:40:01.0, 4.0, 9.29, 0.93S:75.06E, mb4.0/9, mb1 4.1/9, mb1 mx4.0/17, mbtmp4.0/9, MS4.1/8, MS1 4.1/8, ms1mx3.8/17, Error ellipse: s-maj=29.9km s-min=22.3km az=21.0

NEIC 18 09:40:02.0, 0.2, 29.09S:75.04E, h10km, mb4.4/4, Error ellipse: s-maj=15.7km s-min=10.2km az=214.0

ISC 18 09:40:01.0, 0.6, 29.2S:0.1, 75.1E-0.1, h10km, n21, o#63/16, mb4.2/12, MS4.1/8, Mid-Indian Ridge

Main table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 10:32:33.7, 35.78S:178.60E, h223km, MG4.1 (WEL), After WEL

WEL 18 10:32:34.1, 0.3, 35.82S:178.52E, h225km, 5km, ML4.0/12, Error ellipse: s-maj=6.2km s-min=5.7km az=90.0, Off east coast of North Island

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

JMA 18 10:36:21.9, 0.3, 25.58N:123.83E, h191km, M3.7, Northeast of Taiwan

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 10:51:26.1, 1.0, 7.92S:75.72W, h35km, mb3.5/1, Error ellipse: s-maj=19.0km s-min=15.7km az=99.0

IDC 18 10:51:34.2, 7.4, 7.65S:74.94W, h108km, 85km, mb3.2/2, mb1 3.4/4, mb1mx3.3/16, mbtmp3.5/4, ML3.2/1, MS3.0/1, MS1 2.9/1, ms1mx3.2/10, Error ellipse: s-maj=162.6km s-min=52.0km az=46.0

ISC 18 10:51:24.8, 2.9, 7.9S:0.1, 75.7W-0.1, h34km, 35km, n10, o#18/9, mb3.6/2, MS2.9/1, Northern Peru

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

IDC 18 11:19:32.5, 1.2, 1.18N:124.14E, mb4.0/4, mb1 4.2/5, mb1mx4.0/16, mbtmp4.1/5, ML4.3/1, Error ellipse: s-maj=105.2km s-min=19.7km az=68.0

NEIC 18 11:19:53.7, 0.7, 0.92N:124.00E, h200km, mb4.4/2, Error ellipse: s-maj=59.7km s-min=11.1km az=63.0

ISC 18 11:19:35.7, 0.9, 1.2N:0.2, 124.0E-0.5, h39km, n9, o#67/8, mb4.1/5, Minahassa Peninsula, Sulawesi

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

HLW 18 11:55:31.3, 35.78N:31.83E, h5km, Mb3.2

NEIC 18 11:55:34.2, 36.05N:32.15E, h25km, ML3.1 (NIC), After NIC

NIC 18 11:55:34.2, 0.3, 36.05N:32.15E, h25km, ML3.1, MW3.0, CSEM 18 11:55:34.0, 0.6, 35.52N:31.74E, h40km, MW3.0, Error ellipse: s-maj=16.5km s-min=4.4km az=173.0

ISC 18 11:55:33.2, 2.2, 35.7N:0.2, 31.64E, h40km, n10, o#107/14, Cyprus region

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 11:58:58.0, 0.3, 49.31N:6.80E, h10km, ML3.1 (LDG), ML2.6 (STR), Error ellipse: s-maj=3.7km s-min=3.4km az=120.0

LDG 18 11:58:58.0, 1.4, 49.32N:6.81E, h1km, M3.0/2, M3.1/16, Error ellipse: s-maj=2.1km s-min=1.7km az=93.0, Suspected Mining Induced

STR 18 11:58:58.0, 0.2, 49.33N:6.77E, h1km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 18 11:58:58.0, 0.1, 49.34N:6.84E, h2km, ML3.1/17, Error ellipse: s-maj=1.1km s-min=0.9km az=78.0

BGR 18 11:58:58.0, 0.2, 49.32N:6.81E, h1km, ML2.5/2, Error ellipse: s-maj=2.2km s-min=1.1km az=83.0

BNS 18 11:58:59.9, 1.0, 49.36N:6.79E, h1km, ML2.3

ISC 18 11:58:56.0, 0.2, 49.30N:0.01, 6.77E-0.02, n59, o#12/118, 2C, Germany

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 13:05:53.5, 1.9, 1.30N:127.66E, mb3.7/3, mb1 3.9/3, mb1mx3.7/14, mbtmp3.8/3, Error ellipse: s-maj=177.5km s-min=27.6km az=69.0, Halmahera

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 13:48:32.7, 0.9, 9.03S:159.72E, h132km, 9km, mb4.3/5, Error ellipse: s-maj=25.0km s-min=14.5km az=122.0

IDC 18 13:48:32.0, 0.7, 9.03S:159.77E, h128km, 10km, mb4.0/6, mb1 4.1/7, mb1mx3.9/12, mbtmp4.3/7, Error ellipse: s-maj=42.8km s-min=19.7km az=118.0

ISC 18 13:48:31.4, 0.8, 9.1S:0.2, 159.7E-0.2, h134km, 9km, n16, o#87/18, mb4.1/10, 3C, Bougainville - Solomon Islands region

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 11:59:53.7, 0.7, 0.92N:124.00E, h200km, mb4.4/2, Error ellipse: s-maj=59.7km s-min=11.1km az=63.0

ISC 18 11:19:35.7, 0.9, 1.2N:0.2, 124.0E-0.5, h39km, n9, o#67/8, mb4.1/5, Minahassa Peninsula, Sulawesi

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

HLW 18 11:55:31.3, 35.78N:31.83E, h5km, Mb3.2

NEIC 18 11:55:34.2, 36.05N:32.15E, h25km, ML3.1 (NIC), After NIC

NIC 18 11:55:34.2, 0.3, 36.05N:32.15E, h25km, ML3.1, MW3.0, CSEM 18 11:55:34.0, 0.6, 35.52N:31.74E, h40km, MW3.0, Error ellipse: s-maj=16.5km s-min=4.4km az=173.0

ISC 18 11:55:33.2, 2.2, 35.7N:0.2, 31.64E, h40km, n10, o#107/14, Cyprus region

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 11:58:58.0, 0.3, 49.31N:6.80E, h10km, ML3.1 (LDG), ML2.6 (STR), Error ellipse: s-maj=3.7km s-min=3.4km az=120.0

LDG 18 11:58:58.0, 1.4, 49.32N:6.81E, h1km, M3.0/2, M3.1/16, Error ellipse: s-maj=2.1km s-min=1.7km az=93.0, Suspected Mining Induced

STR 18 11:58:58.0, 0.2, 49.33N:6.77E, h1km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 18 11:58:58.0, 0.1, 49.34N:6.84E, h2km, ML3.1/17, Error ellipse: s-maj=1.1km s-min=0.9km az=78.0

BGR 18 11:58:58.0, 0.2, 49.32N:6.81E, h1km, ML2.5/2, Error ellipse: s-maj=2.2km s-min=1.1km az=83.0

BNS 18 11:58:59.9, 1.0, 49.36N:6.79E, h1km, ML2.3

ISC 18 11:58:56.0, 0.2, 49.30N:0.01, 6.77E-0.02, n59, o#12/118, 2C, Germany

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 13:05:53.5, 1.9, 1.30N:127.66E, mb3.7/3, mb1 3.9/3, mb1mx3.7/14, mbtmp3.8/3, Error ellipse: s-maj=177.5km s-min=27.6km az=69.0, Halmahera

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 18 13:48:32.7, 0.9, 9.03S:159.72E, h132km, 9km, mb4.3/5, Error ellipse: s-maj=25.0km s-min=14.5km az=122.0

IDC 18 13:48:32.0, 0.7, 9.03S:159.77E, h128km, 10km, mb4.0/6, mb1 4.1/7, mb1mx3.9/12, mbtmp4.3/7, Error ellipse: s-maj=42.8km s-min=19.7km az=118.0

ISC 18 13:48:31.4, 0.8, 9.1S:0.2, 159.7E-0.2, h134km, 9km, n16, o#87/18, mb4.1/10, 3C, Bougainville - Solomon Islands region

Table for station data on page 429, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

18d 15h

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like PERS Pernice, KULM Kulim, MOA Mollin, etc.

2005 NOV

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like YSS Yuzh-Sakhalins, ROSF Rostrenea, MAJO Matsushiro, etc.

432

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like KMBO Kilima Mbogo, BOSO Boshof, MAW Mawson, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SOKR, YAK, BR131, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SAML, LPAZ, MOS, BYKL, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TLY, CIT, KMO, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MYS Shipunski, Ganaly, Karmyskiy, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JUNU Nakatsue, IMA2 Indian Mountain, KDKAD Kodiak Island, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GUIYANG Guiyang, KURCHATOV Kurchatov, MKAR Makanchi Array, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DLMT Dillon, CHG Chiang Mai, HLID Halley, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like OBN comp=Z,4.0nm,1.3s,mb4.3, RW3 Fildgway, ISCO Nora Springs, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSP Ksiaz, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: WTTA, Wattenberg, 78.07 337, P, P, 16 47 55.1 +1.1. Includes stations like MOTA Moosalm, SOTA Sankt Quirin, MEZF Matierez J'vi, etc.

Table with columns: MMLI, Mount Malkishu, 82.93 314, P, P, 16 48 20.6 +0.6. Includes stations like QURS Qurayy al Mil, LMR La Moure, PGF Pioggia, etc.

Table with columns: KAKA Kakadu, 19.41 104, eP, P, 16 49 48.8 +18. Includes stations like KLBR Kellerbering, WRA Warramunga Arr, WRAB Tennant Creek, etc.

CSEM 18 16:38:42.9, 36.02N-25.95E, h5km, MD3.5/4, After ATH

Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like KAP Neapolis, NRS Neapothos, etc.

Table with columns: LZH Lanzhou, 45.23 349, eP, P, 16 53 23.5 +3.5. Includes stations like LZR Lanzhou, LZR Lanzhou, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAT Matsushiro, MJAR Matsushiro, KUDL Kunal, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ comp=Z,18nm,0.8s,mb5.2, AYUS 'Ayunah, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BUM Brajici-Budva, TTTG Podgorica, PLAV Plav, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUKP Musuan, CNP Catarman, DAV Davao City (W), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRK Paraskevi, AYVA Ayvalik, AKS Akhisar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCPH Surigao, MSLP Maasin, BUTP Butuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUKP Musuan, DCPH Dipolog City, PAGZ Pagadian, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIP Timpagrande, SERS Sersale, GRI Girifalco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SERS Sersale, TDS Terranova Sibba, PLAC Placanca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRI Girifalco, TDS Terranova Sibba, PLAC Placanca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMUR Altamura, CAMPR Campora, BAI Bari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGO Sicignano, CDT Castel del Mon, MRLC Muro Lucano, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCRV Calabriti - M, SNAL Angelo Dei, IGT Igouinita, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGT Igouinita, IAN Janina, LKD Levkas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DKS Skopje, SKO Skopje, ITM Ithomi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAIG Palouri, VLI Veliai, AOS Alonnissos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OUR Ouranopolis, BOYS Kithira, BOYS Bojanci, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, ARSA Molln, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOA Molln, MLR Muntele Rosu, GERES Geres Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, HFS Hagfors, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA NORAS Subarra, FINES FINESS Array B, NOA NORAS Array B, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MWZ Matawai, KOK Kokohu, BKZ Black Stump Fm, etc.

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

Table of station data for 18d 23h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 2005 NOV, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 444, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILCH, TLL, CHNG, FCH, etc.

ATH 18:23:46:18.1, 39.94N:23.45E, h30km, MD3.1/6
NEIC 18:23:46:18.1, 39.94N:23.45E, h30km, MD3.1(ATH), After ATH.

CSEM 18:23:46:18.9, 0.1, 39.93N:23.50E, h15km, ML2.5, Error ellipse: s-maj=1.7km, s-min=1.2km, az=66.0
THE 18:23:46:19.2, 39.93N:23.45E, h6km, ML2.5

ISC 18:23:46:18.9, 0.5, 39.90N:0.03, 23.47E, 0.05, h15km, 7km, n24, c059736, 1C, Aegean Sea

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

BUI 19:01:18:36.9, 61.50N:149.80W, h43km, mB4.9, mB4.7, Ms4.2, Ms2.0

NEIC 19:01:18:40.0, 61.51N:149.78W, h43km, mB4.0/12, ML4.5(PMR), ML4.3(AEIC), After AEIC.

NEIC Flt [V] at Chugiak; [III] at Anchorage, Eagle River, Elmendorf AFB, Fort Richardson, Palmer and Wasilla; [II] at Girdwood and Willow. Also felt at Indian.

IDC 19:01:18:39.5, 2.1, 61.59N:150.09W, h55km, 19km, mB3.8/18, mB1.4, 0.2/1, mB1.1mx3.9/26, mBmp4.1/21, ML3.8/3, mB3.8/3, Ms1.3, 8/3, ms1m3.1/25, Error ellipse: s-maj=1.6, 7km, s-min=1.1, 7km, az=46.0

ISC 19:01:18:38.0, 2.6, 61.53N:0.02, 149.83W, 0.4, h59km, 2km, n120, c0681932, mB4.1/30, MS4.7/1, 3C-1D, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMR, FIB, RC01, etc.

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

INR 18:23:46:18.1, 39.94N:23.45E, h30km, MD3.1/6
NEIC 18:23:46:18.1, 39.94N:23.45E, h30km, MD3.1(ATH), After ATH.

CSEM 18:23:46:18.9, 0.1, 39.93N:23.50E, h15km, ML2.5, Error ellipse: s-maj=1.7km, s-min=1.2km, az=66.0
THE 18:23:46:19.2, 39.93N:23.45E, h6km, ML2.5

ISC 18:23:46:18.9, 0.5, 39.90N:0.03, 23.47E, 0.05, h15km, 7km, n24, c059736, 1C, Aegean Sea

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

WNOK Wichita Mounta 41.76 106 eP P 01 26 22.9 +0.1
TXAR Lajitas Array 44.14 115 P P 01 26 43.6 +1.4

TXAR 0.9nm, 0.6s, mB3.7, baz=321, slow=6.1, SNR=10

TXAR 0.3nm, 0.4s, baz=40, slow=1.6, SNR=6.0

TXAR Lajitas Array 44.14 115 P P 01 26 43.6 +1.4

MDJ Mudanjing 47.91 288 P P 01 27 11.0 -0.9

ARCES ARCESS Array B 49.9 2 P P 01 27 20.3 -1.2

ARCES ARCESS Array B 49.9 2 P P 01 27 20.3 -1.2

CN2 Changchun 50.41 291 eP P 01 27 30.1 -1.1

SONM Songrio Array 55.13 307 P P 01 28 06.3 +0.1

NOA NORSAR Array B 56.90 11 P P 01 28 17.1 -1.6

ZAL 57.06 325 P P 01 28 17.6 -2.3

FINES FINES Array B 57.32 2 P P 01 28 20.9 -0.8

CHKZ Chkalovo 60.76 334 eP P 01 28 42.8 -2.8

SSE Sheshan 62.78 285 P P 01 28 58.8 -0.2

NJ2 Nanjing 62.99 288 eP P 01 29 05.5 +4.7

MKAR Makanchi Array 64.18 323 P P 01 29 06.2 -2.1

WTA Gaotai 64.80 307 eP P 01 29 13.3 +0.9

GMQ Urumqi 65.21 318 eP P 01 29 18.5 +3.5

LZH Lanzhou 66.08 302 eP P 01 29 22.3 +1.7

AKTO Aktyubinsk 66.19 341 P P 01 29 19.8 -1.3

AKASE Malin Array Be 68.12 1 P P 01 29 32.3 -0.9

GERES GERES Array B 69.19 12 P P 01 29 40.5 +0.7

ESDC Sonseca Array 75.41 27 P P 01 30 17.5 +0.8

MDT Midelt 81.84 29 P P 01 30 52.9 +1.0

RAO Raoul Island 93.28 204 LR LR 02 09 16.5 +2.4

BOSA Boshof 146.93 8 PKPbc PKPbc 01 39 18.3 +2.4

VNA1 Neumayer Olymp 161.72 1391/1 PKPab 01 39 17.3 -0.7

VNA2 Neumayer-Stat 162.29 1371/1 PKPab 01 39 15.4 -5.1

VNA2 Neumayer-Watz 162.51 1381/1 PKPab 01 39 20.6 -0.8

MEX 19:01:21:10.8, 0.6, 16.00N:97.65W, h15km, 168km, MD3.5, ID, Oaxaca

PNIG Pinotepa 0.60 310 iP P 01 21 20.4 -2.0

VHO Vista Hermosa 1.38 40 iS P 01 21 28.8 -1.5

OXO Oaxaca 1.39 40 iS P 01 21 32.3 -3.3

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

WTSB Winterswijk 0.38 353 iP P 01 26 34.5 +2.2

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

WTSB Winterswijk 0.38 353 iP P 01 26 34.5 +2.2

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

BUG Bochum-Univer 0.29 121 eP P 01 26 32.6 +2.1

WTSB Winterswijk 0.38 353 iP P 01 26 34.5 +2.2

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

WTSB Winterswijk 0.38 353 eSg Sg 01 26 41.8 +4.4

RODG Roetgen-Dahle 0.62 225 eP P 01 26 38.7 +2.2

BNS Bensberg 0.66 163 eP P 01 26 40.1 +2.2

HOBG Hobusch 0.67 154 eP P 01 26 40.0 +1.8

STB Steinbach 1.00 181 eP P 01 26 46.4 +1.7

KLL Kalltalpersperre 1.01 201 eP P 01 26 46.1 +1.2

HGN Heimgangrove 1.02 216 eP P 01 26 46.3 +1.2

HGN Hilleshheim 1.31 186 eP P 01 26 52.0 +1.2

BGG Burgzeit 1.42 168 eP P 01 26 52.8 -0.2

TNS Taurus Mts 1.69 143 eP P 01 26 56.6 -2.0

GIVF Givet 1.98 222 eP P 01 26 59.1 -0.6

WLF Walferdange 1.98 194 eP P 01 27 03.4 -0.9

CLZ Clausthal 2.19 82 eP P 01 27 35.9 -1.8

CLZ Clausthal 2.19 82 eP P 01 27 35.9 -1.8

NRDL Niedersach Rie 2.19 64 eP P 01 27 40.7 +3.0

RFYF Refroy 3.10 197 eP P 01 27 16.2 +0.5

CDP Champ du Feu 3.19 175 eP P 01 27 16.8 -0.3

MEZF Matzleres J'vi 3.31 202 eP P 01 27 18.3 -0.4

MEZF Matzleres J'vi 3.31 202 eP P 01 27 18.3 -0.4

SFFT Sextfontaines 3.59 200 eSg Sg 01 28 19.4 -4.9

LOR Lormes 4.75 206 eP P 01 27 37.9 -1.3

SSF Saint Saulge 5.04 207 eP P 01 27 41.3 -2.0

AVF Avril sur Loir 5.33 207 eP P 01 27 45.4 -2.0

SMF Signal de Mont 5.33 203 eP P 01 27 45.1 -2.4

LDL La Druiterie 5.41 239 eP P 01 27 46.7 -1.8

FLN La Foliniere 5.51 242 eP P 01 27 48.2 -1.7

FLN Bois d'Angland 5.69 209 eP P 01 27 50.3 -2.2

GRR Gorron 5.93 240 eP P 01 27 53.8 -2.0

GRR Gorron 5.93 240 eP P 01 27 53.8 -2.0

NEIC 19:01:33:23.2, 38.98S:178.46E, h20km, ML3.8(WEL), After WEL

WEL 19:01:33:24.8, 0.3, 38.98S:178.39E, h33km, ML3.7/12, 11C-5D, Error ellipse: s-maj=3.1km, s-min=1.6km, az=90.0, Off east coast of North Island

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

SNY	Shenyang	46.30	29	↑P	P	06 47 16.8	-1.0	
SNY				S	S	06 54 06.3	+3.9	
SNY				X	S	06 54 14.6		
SNY				SS	SS	06 57 25.0	+4.8	
SNY				AMB	AMB			
SNY	comp=Z,40nm,2.1s,mb5.0							
SNY	comp=Z,240nm,6.6s				AMB	AMB		
SNY	comp=N,2μm,16.3s				LR	LR		
SNY	comp=N,2μm,14.7s,MS5.3				LR	LR		
ZAK	Zakamensk	47.85	7	↑P	P	06 47 29.9	0.0	
ZAK				e	pP	06 47 38.2	+0.3	
ZAK					pmax			
ZAK	comp=Z,8.0nm,0.8s,mb4.8							
ZAK	comp=Z,7.0nm,0.9s,mb4.7							
CN2	Changchun	48.69	29	eP	AMB	AMB	06 47 35.8 -0.7	
CN2	comp=Z,30nm,0.9s,mb5.3							
CN2	comp=Z,330nm,3.0s				AMB	AMB		
CN2	comp=N,2μm,15.0s,MS5.4				LR	LR		
CN2	comp=N,2μm,15.0s,MS5.4				LR	LR		
CN2	comp=N,2μm,16.0s,MS5.1				LR	LR		
KURK	Kurchatov	49.80	346	eP	P	06 47 44.6	-0.3	
KURK	comp=Z,30nm,1.0s,mb5.3							
KURK	comp=Z,237nm,20.0s,MS4.2				LR	LR		
KURK	comp=Z,237nm,20.0s,MS4.2				pmax	pmax		
KURK	comp=Z,30nm,1.0s,mb5.3				MLR	MLR		
GUMO	Guam	49.95	75	LR	LR	07 08 19.4		
GUMO	comp=Z,626nm,19.1s,MS4.6,baz=155,slow=35							
GUMO	Guam	49.95	75	PFAKE	LR	06 48 00.0	+1.3	
HIA	Hailar	50.70	20	eP	P	06 47 51.3	-0.5	
HIA	comp=Z,781nm,19.0s,MS4.7				LR	LR		
HIA	comp=Z,9.9nm,0.7s,mb4.8							
HIA	comp=Z,2μm,20.0s,MS5.0				eP	P	06 47 51.3 -0.5	
HIA	comp=Z,10.0nm,0.7s							
HIA	comp=Z,2μm,20.0s				MLR	MLR		
JHJ	Hachijo jima 2	51.22	49	P	P	06 47 57.1	+1.1	
JHJ	comp=Z,158nm,0.7s,baz=53,slow=22,SNR=2.4							
JHJ	Chita	51.31	14	eP	P	06 47 55.4	-0.9	
JHJ	comp=Z,2μm,20.0s							
CIT	CIT				e	06 49 06.8		
CIT					e	06 49 46.7		
MDJ	Mudanjiang	51.34	31	P	P	06 47 55.8	-0.9	
MDJ				AP	pP	06 48 04.8	+0.1	
MDJ				XP	sP	06 48 08.8	+1.0	
MDJ				PCP	pP	06 49 09.9	-1.6	
MDJ				PP	PP	06 49 52.3	-2.2	
MDJ				SCP	PP	06 53 04.1		
MDJ				PCS	S	06 53 08.0		
MDJ				S	S	06 55 14.0	+1.2	
MDJ				XS	S	06 55 29.1		
MDJ				SCS	ScS	06 57 43.8	+1.7	
MDJ				AMB	AMB			
MDJ	comp=Z,240nm,5.5s				LR	LR		
MDJ	comp=N,850nm,14.6s,MS5.2				LR	LR		
MDJ	comp=E,1μm,15.7s,MS5.2				LR	LR		
MDJ	comp=Z,1μm,17.8s,MS5.0				LR	LR		
MDJ	Mudanjiang	51.34	31	eP	P	06 47 56.0	-0.6	
MDJ	comp=Z,59nm,1.6s,mb5.3							
MDJ	comp=Z,763nm,20.0s,MS4.3				LR	LR		
ZAL	Zalesovo	51.70	352	P	P	06 47 59.6	+0.3	
ZAL	comp=Z,39nm,0.7s,mb5.4,baz=293,slow=6.6,SNR=152							
MAJO	Matsushiro	51.71	44	PFAKE	LR	06 48 10.0	+1.0	
MAJO	comp=Z,1μm,19.0s,MS4.9							
MAT	Matsushiro	51.71	44	P	P	06 47 57.8	-1.8	
MAT				S	S	06 55 17.0	-1.0	
MAT				S	S	06 57 58.0	-1.6	
MAT				eS	S	06 55 17.0	-1.0	
MAT				LR	LR			
MJAR	Matsushiro Arr	51.71	44	P	P	06 48 00.1	+0.5	
MJAR	comp=Z,3.3nm,0.7s,mb4.4,baz=250,slow=8.6,SNR=5.7				LR	LR		
MJAR	comp=Z,673nm,19.7s,MS4.7,baz=235,slow=38							
OPO	Ambonirataromp	52.04	244	P	P	06 48 02.5	+0.2	
OPO	comp=Z,1.8nm,0.6s,mb4.2,baz=77,slow=9.4,SNR=8.3							
NVS	Novosibirsk	52.81	351	↑P	P	06 48 05.9	-1.7	
NVS				i	pP	06 48 13.9	-1.7	
NVS				e	e	06 49 23.0		
NVS				i/S	PS	06 55 31.9	-0.8	
NVS				i/PS	PS	06 55 46.2	0.0	
NVS					pmax	pmax		
NVS	comp=Z,62nm,1.6s,mb5.3							
NVS	comp=N,59nm,1.7s							
NVS	comp=E,20nm,1.4s							
NVS	comp=N,32nm,2.1s							
NVS	comp=E,57nm,2.2s							
ATD	Arta Tunnel	52.84	282	LR	LR	07 07 27.6		
ATD	comp=Z,360nm,18.4s,MS4.5,baz=354,slow=32							
PMG	Port Moresby	52.92	104	PFAKE	LR	06 48 20.0	+1.1	
PMG	comp=Z,671nm,19.0s,MS4.7							
BVAR	Borovoye Array	54.17	342	P	P	06 48 17.2	-0.4	
BVAR	comp=Z,17nm,0.7s,mb5.1,baz=145,slow=8.6,SNR=84							
BRVK	Borovoye	54.23	342	eP	P	06 48 17.0	-1.1	
BRVK	comp=Z,10nm,0.6s,mb4.9							
BRVK	comp=Z,124nm,19.0s,MS4.0				LR	LR		
BRVK	comp=Z,10.0nm,0.6s,mb4.9							
BRVK	comp=Z,124nm,19.0s,MS4.0				MLR	MLR		
CHKZ	Chkalovo	54.66	342	eP	P	06 48 20.5	-0.7	
CHKZ	comp=Z,31nm,0.7s,mb5.4							
CHKZ	Chkalovo	54.66	342	eP	P	06 48 20.5	-0.7	
CHKZ	comp=Z,31nm,0.7s,mb5.5							
CTA	Charters Tower	54.77	117	eP	P	06 48 22.2	-0.3	
CTA	comp=Z,8.9nm,1.5s,mb4.6							
CTA	Charters Tower	54.77	117	eP	P	06 48 20.0	-0.6	
CTA					pP	06 48 22.2	-0.3	
CTA					eP	06 48 30.0	-0.6	
CTA					pmax			
CTAO	Charters Tower	54.77	117	eP	P	06 48 21.9	-0.6	
CTAO	comp=Z,9.0nm,1.5s							
CTAO	comp=Z,44nm,1.3s,mb5.3							
CTAO	comp=Z,1μm,19.0s,MS5.0				eP	LR	pP	06 48 29.5 -1.1
CTAO	comp=Z,1μm,19.0s,MS5.0							
CTAO	comp=Z,44nm,1.3s,mb5.3							
CTAO	comp=Z,1μm,19.0s,MS5.0				MLR	MLR		
KLR	Kul'dur	55.62	28	eP	P	06 48 27.6	-0.7	
KLR				eS	S	06 56 15.5	+4.8	
KLR					pmax	pmax		
KLR	comp=Z,130nm,2.6s,mb5.5				MLR	MLR		
KLR	comp=E,2μm,14.0s							
KLR	comp=Z,11μm,14.0s				MLR	MLR		
STKA	Stephens Creek	55.72	132	↑P	P	06 48 28.7	-0.6	
STKA	comp=Z,9.1nm,1.2s,mb4.7							
STKA	Stephens Creek	55.72	132	P	P	06 48 28.6	-0.6	
STKA	comp=Z,3.0nm,0.7s,mb4.5,baz=291,slow=8.5,SNR=6.4				LR	LR		
STKA	comp=Z,633nm,19.7s,MS4.7,baz=298,slow=38							
BOD	Bodaibo	56.77	12	↑P	P	06 48 35.0	-1.4	
BOD					pmax	pmax		

AKTO	Aktjyubinsk	57.00	332	P	P	06 48 36.9	-1.2	
AKTO	comp=Z,3.2nm,0.6s,mb4.6,baz=140,slow=7.3,SNR=13							
KMBO	Kilima Mbojo	58.33	267	P	P	06 48 48.4	+0.4	
KMBO	comp=Z,1.5nm,0.6s,mb4.2,baz=61,slow=10,SNR=5.1				LR	LR		
KMBO								
ASAJ	Asahikawa	58.45	38	LR	LR	07 16 22.3		
ASAJ	comp=Z,350nm,18.9s,MS4.9,baz=30.4,slow=38							
CLNS	Chul'man	58.74	18	eP	P	06 48 49.6	-0.6	
CLNS	comp=Z,26nm,0.7s,mb5.4							
CLNS	comp=N,11nm,0.6s							
CLNS	comp=E,8.0nm,0.7s							
CLNS	comp=E,1μm,17.1s							
CLNS	comp=Z,100nm,14.2s							
CLNS	comp=N,300nm,12.8s							
CLNS	comp=Z,5μm,15.0s,MS5.8							
CLNS	comp=N,1μm,14.0s,MS5.6							
CLNS	comp=E,3μm,15.0s,MS5.6							
GNI	Garni	58.93	316	LR	LR	07 16 16.0		
GNI	comp=Z,323nm,21.7s,MS4.4,baz=113,slow=38							
GNI	Garni	58.93	316	PFAKE	LR	06 49 00.0	+8.2	
GNI	comp=Z,365nm,20.0s,MS4.5							
ORR	Orenburg	59.32	332	iP	P	06 49 01.7	+7.3	
ORR	comp=Z,10.0nm,0.8s,mb4.9							
YSS	Yuzh-Sakhalins	60.02	361	eP	P	06 48 59.3	+0.1	
YSS	comp=Z,920nm,19.0s,MS4.9							
YSS	Yuzh-Sakhalins	60.02	36	P	MLR	06 48 58.4	-0.8	
YSS	comp=E,1μm,14.0s,MS5.2							
YSS	comp=Z,1μm,14.0s,MS5.2							
YSS	comp=N,1μm,15.0s,MS5.2							
ZEI	Tsey	60.64	319	iP	P	06 49 00.5	-3.0	
ZEI	comp=Z,2.0nm,0.8s,mb4.3							
ZEI	Arti	61.03	338	eP	P	06 49 04.5	-1.5	
ZEI	comp=Z,50nm,1.4s,mb5.5							
ARU	Arti	61.03	338	eP	P	06 49 12.4	-1.7	
ARU	comp=Z,218nm,20.0s,MS4.3							
ARU	Arti	61.03	338	↑P	P	06 49 04.8	-1.2	
ARU				e	e	06 49 42.9		
ARU				e	e	06 51 17.2		
ARU				ePPP	PPP	06 52 44.5	-6.1	
ARU				eS	SS	06 57 23.6	+2.4	
ARU				eS	SS	07 01 24.9	+2.5	
ARU	comp=Z,22nm,0.9s,mb5.3							
ARU	comp=N,500nm,18.0s,MS4.9							
ARU	comp=E,600nm,18.0s,MS4.9							
ARU	comp=Z,900nm,18.0s,MS5.0							
KIV	Kislovodsk	61.96	319	PFAKE	LR	06 49 20.0	+7.6	
KIV	comp=Z,97nm,21.0s,MS3.9							
SOC	Sochi	63.76	318	iP	P	06 49 22.7	-1.7	
SOC	comp=Z,464nm,20.8s,MS4.8,baz=122,slow=40							
SOC	Sochi	63.76	318	eS	S	06 51 42.8		
SOC				eS	S	06 57 51.9	-4.0	
SOC	comp=Z,23nm,0.8s,mb5.3							
SOKR	Solikamsk	63.96	339	iP	P	06 49 25.3	-0.1	
SOKR	comp=Z,353nm,20.0s,MS4.5							
SOKR	Solikamsk	63.96	339	iP	P	06 49 33.3	-0.3	
SOKR				e	S	06 57 56.9	-1.1	
SOKR					pmax	pmax		
SOKR	comp=Z,20nm,0.8s,mb5.2							
SOKR	comp=Z,710nm,20.0s,MS4.8							
YAK	Yakutsk	64.38	17	eP	P	06 49 26.4	-1.6	
YAK	comp=Z,59nm,0.8s,mb5.7							
YAK	comp=Z,1μm,20.0s,MS5.0							
YAK	Yakutsk	64.38	17	eP	P	06 49 26.7	-1.4	
YAK	comp=Z,24nm,0.8s,mb5.3							
YAK	comp=N,8.0nm,1.0s							
YAK	comp=E,6.0nm,1.1s							
YAK	comp=Z,180nm,21.4s							
YAK	comp=N,651nm,19.0s							
YAK	comp=E,766nm,18.8s							
YAK	comp=Z,1μm,17.0s,MS5.2							
YAK	comp=N,901nm,16.0s,MS5.1							
YAK	comp=E,558nm,18.0s,MS5.1							
VRHR	Novokhopersk	65.82	3					

Table with columns: KPC, Khapcheranga, 9.09 216, eP, P, 06 57 28.8, -1.0. Includes stations like Tyrgan, Arshan, Songino Array, Orlik, Asahikawa, Zalesovo, Makanchi Array, Borovyoye Array, etc.

BYKL 19 06:56:34.5-0.5, 57.40N x 120.67E
MOS 19 06:56:35.2+1.3, 57.54N x 120.42E, h10km, mb3.9/7, Error ellipse: s-maj=45.8km s-min=5.5km az=127.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chara, Cherungri, Chul'man, etc.

Table with columns: NVS, comp=N, 10.0nm, 1.7s, pmax, pmax. Includes stations like Makanchi Array, Eielson Array, FINESS Array, etc.

NEIC 19 07:02:16.5, 36.66S-71.54W, h156km, MD3.2(GUC), After GUC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chillan, Linares, Talca, Los Niches, San Fernando, etc.

NAO 19 07:13:07.7-1.0, 64.60N-18.89E, ML2.1
BER 19 07:13:09.4-1.1, 64.61N-18.96E, h0km, 14km, MD2.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Bredtraesk, Lilltraesk, Umeaa, etc.

Table with columns: NRTU, Norrtälje, 4.96 181, eP, Pn, 07 14 25.2, -1.8. Includes stations like NORSAR Subarra, Hagsfors, ARCESS Array S, etc.

ISK 19 07:19:00.4, 38.22N-26.57E, h11km, MD2.8
ATH 19 07:19:01.1, 38.19N-26.55E, h28km, 1km, MD3.1/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Izmir, Samos, Zmir, etc.

NDI 19 07:26:40.5-3.7, 34.45N x 73.05E, h10km, MD3.5, ML3.3
NVC 19 07:26:53.0-0.9, 34.39N x 72.98E, mpv3.4, Error ellipse: s-maj=20.5km s-min=5.5km az=92.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Dalhousie, Thein Dam, Sundarnagar, etc.

BUI 19 07:31:54.1, 32.25N-101.64E, h13km, ML3.5, Sichuan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Palesmas, Touzarine, Melilla, etc.

19d 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like EADA, ECAB, EMIN, EGRO, etc.

JMA 19 07:51:06.20, 38.281N+144.64E, h47km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like OFUJ, MIYJ, JIO, etc.

NIED 19 08:14:00, 38.20N, 144.60E, h5km, Mw4.0 Best double couple: M0.23x10^15 NP1=210, delta66, lambda95, NP2=33, delta25, lambda78

IOC 19 08:14:01.1, 38.03N, 144.98E, mb3.8/10, mb1.4/0.12, mb1mx3.9/23, mbtmp3.8/12, ML3.7/2, MS3.4/6, ms1.3/4.6, ms1mx3.1/30, Error ellipse: s-maj=25.5km s-min=23.6km az=103.0

NEIC 19 08:14:10.5, 0.4, 37.99N, 144.98E, h10km, mb4.2/3, Error ellipse: s-maj=11.2km s-min=8.5km az=155.0

MOS 19 08:14:12.5, 1.1, 38.07N, 144.83E, h33km, mb4.3/4, Error ellipse: s-maj=15.5km s-min=12.7km az=128.5

JMA 19 08:14:14.7, 0.1, 38.18N, 144.63E, h57km, M4.1 ISC 19 08:14:12.8, 1.7, 38.28N, 0.04, 144.69E, 0.05, h26km, 13km, n51, delta126/57, mb3.9/13, MS3.6/4, 3C-3D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like OFUJ, MIYJ, JIO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like JTKR, JHR, ASAJ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ASAJ, JHJ, BOD, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ZAL, MKAR, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like STKA, AKASG, etc.

2005 NOV

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like CLL, GERES, VNA2, etc.

IDC 19 09:11:11.9, 2.1, 30.83N, 51.44E, mb4.0/9, mb1.4/1.9, mb1mx3.9/22, mbtmp4.1/9, MS3.6/2, Ms1.3/5.2, ms1mx2.9/22, Error ellipse: s-maj=46.9km s-min=22.0km

THR 19 09:11:11.8, 0.9, 30.70N, 51.55E, h14km, ML3.5 KISR 19 09:11:12.9, 0.7, 30.63N, 51.74E, h33km, ML3.5 TEH 19 09:11:14.2, 30.62N, 51.54E, h15km, Mn3.8 CSEM 19 09:11:14.9, 0.1, 30.70N, 51.74E, h63km, 2km, ML3.8 OMAN 19 09:11:19.6, 0.1, 30.22N, 51.23E, h75km, 17km, Error ellipse: s-maj=11.7km s-min=7.3km az=11.0

ISC 19 09:11:15.1, 0.3, 30.72N, 0.02, 51.70E, 0.03, h54km, 7km, n57, delta19/67, mb4.0/9, MS3.6/2, 6C-2D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like IPAR, IGAR, ISRV, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like MIB, RDF, ASAO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like NAY, IQOM, IVRN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like IKOM, IFIR, BNDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ASHO, ARO, ARQ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ABTO, AKTO, ANOYIA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like RLS, EVR, AGG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like LKR, LKR, LKR, etc.

ISK 19 09:39:48.2, 38.23N, 26.63E, h11km, MD3.0 ATH 19 09:39:48.5, 38.16N, 26.52E, h10km, MD3.0/3 CSEM 19 09:39:48.9, 0.5, 38.20N, 26.73E, h10km, MD3.0, Error ellipse: s-maj=13.0km s-min=2.3km az=115.0

ISC 19 09:39:47.6, 1.0, 38.22N, 0.04, 26.62E, 0.06, h1km, 9km, n12, delta077/18, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like URLA, URLA, SMG, etc.

IDC 19 10:14:28.0, 2.3, 31.18N, 113.84W, mb1.3/3.5, mb1mx3.3/23, mbtmp3.0/5, ML2.5/3, Error ellipse: s-maj=32.7km s-min=11.5km az=43.0, Gulf of California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like ANMO, ANMO, NVAR, etc.

NIED 19 10:18:00, 38.30N, 144.60E, h5km, Mw3.8 Best double couple: M5.41x10^14 NP1=215, delta73, lambda89, NP2=33, delta17, lambda92

JMA 19 10:18:23.1, 0.2, 38.28N, 144.64E, h57km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like OFUJ, MIYJ, JIO, etc.

ATH 19 11:05:50.2, 38.10N, 26.70E, h43km, MD3.3/3 CSEM 19 11:05:50.7, 0.1, 38.13N, 26.65E, h25km, MD3.0, Error ellipse: s-maj=3.0km s-min=2.3km az=88.0

ISC 19 11:05:51.2, 38.13N, 26.68E, h28km, MD3.0 NEIC 19 11:05:51.0, 38.13N, 26.68E, h28km, MD3.3(ATH), MD3.1(ISK), After ISK

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like URLA, URLA, SMG, etc.

WEL 19 11:13:32.1, 0.2, 44.86S, 167.68E, h77km, 1km, ML3.5/8, 2C-5D, Error ellipse: s-maj=1.6km s-min=1.2km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, P, Time, Res, h, m, s, ISC. Includes stations like MSZ, MSZ, MLZ, etc.

Table with columns: WHZ, JAZ, EAZ, etc. Station Name, Frequency, and other technical details.

NEIC 19 11:15:48.9 61.50N, 149.78W, h46km, mb3.5/5, ML4.2(PMR), ML3.9(AEIC), After AEIC.

NEIC Felt [IV] at Chugiak and Wasilla; [III] at Anchorage, Eagle River, Gardwood, Palmer and Willow. Also felt at Elmendorf AFB and Indian.

ISC 19 11:15:48.0 61.50N, 150.20W, h61km, mb3.5/8, mb1 3.8/1.1, mb1mx3.6/2.2, mbtmp3.8/1.1, ML6.3, MS3.2, Ms1 3.2/2, ms1mx2.7/2.6, Error ellipse: s-maj=21.9km s-min=15.1km az=55.0

Main station list table with columns: Code, Station Name, Frequency, and other technical details.

2005 NOV

Table with columns: Code, Station Name, Frequency, and other technical details.

MAN 19 11:26:08.8, 15.04N, 119.90E, h1km, mb4.5, ML3.4, MS3.2, 1D, Luzon

Table with columns: Code, Station Name, Frequency, and other technical details.

Bul 19 11:37:59.5, 34.40N, 73.03E, h30km, mb4.8, mb4.5, ML4.7, Ms4.2, MS2.3

ISC 19 11:38:02.0 0.9, 34.35N, 73.64E, mb4.3/14, mb1 4.5/17, mb1mx4.4/23, mbtmp4.3/17, ML4.5/3, MS3.7/4, Ms1 3.7/4, ms1mx3.2/23, Error ellipse: s-maj=20.7km s-min=18.8km az=18.0

NDI 19 11:38:02.4 5.4, 34.42N, 73.13E, h10km, MD4.0, ML4.0, mb4.3(NEIC)

NEIC 19 11:38:02.8 0.4, 34.23N, 73.64E, h10km, mb4.3/8, Error ellipse: s-maj=11.2km s-min=4.6km az=46.0

MOS 19 11:38:04.6 1.2, 34.33N, 73.75E, h33km, mb4.7/10, Error ellipse: s-maj=12.3km s-min=5.5km az=100.7

NNC 19 11:38:13.7 4.4, 35.00N, 72.83E, h11km, 71km, mpv4.4, Error ellipse: s-maj=71.0km s-min=33.7km az=165.0

ISC 19 11:38:02.6 0.2, 34.38N, 73.71E, 0.03, h10km, n116, r1840/141, mb4.4/24, MS3.8/4, 24C-2D, Pakistan

Main station list table with columns: Code, Station Name, Frequency, and other technical details.

Main station list table with columns: Code, Station Name, Frequency, and other technical details.

ISC 19 11:19:25.2 23.0, 85.66N, 36.56E, mb3.5/4, mb1 4.0/4, mb1mx3.6/1.9, mbtmp3.5/4, MS3.4/9, Ms1 3.4/9

JTKR Abashiri-Toko 5.75 354 P P 12 37 52.8 -2.7
 JTKR eS S 12 38 54.2 -6.8

PGC 19 12:40:01.1, 48.44N:128.95W, h10km, MLSn4, 8/1, Mw5.4/9, Mw5.4, mb5.1/70(NEIC), MS4.7/67(NEIC), MW5.3(HRVD), Northern Juan de Fuca ridge.

MOS 19 12:40:02.9, 1.6, 48.70N:128.58W, h9km, mb5.3/52, MS4.7/33, Error ellipse: s-maj=7.1km s-min=4.1km az=110.2

IDC 19 12:40:03.0, 6.0, 48.55N:128.67W, mb4.5/17, mb1.4/7.26, mb1mx4.7/29, mbmp4/6.2, ML6.0/8, MS4.7/25, M1.4/7.25, ms1mx4.6/30, Error ellipse: s-maj=16.4km s-min=9.0km az=50.0

BUI 19 12:40:04.3, 48.80N:128.60W, h10km, mb5.4, mb4.8, MS5.3, Msz4.9

HRVD 19 12:40:04.4, 0.2, 48.52N:128.88W, h16km, MW5.3/76, Centroid moment Tensor Solution. LP body waves: s5.4, c9.3; Mantle waves: s7.6, c16.5; Half duration: 1.0 Moment tensor: Scale 10¹⁹Nm; M=0.80±.20; Mw=1.96±.17; Msz=2.76±.18; M=0.32±.49; Mw=8.79±.17; Mw=2.95±.53; Best double couple: M=0.551±0.10; NIP1: $\phi=263^\circ, \delta=73^\circ, \lambda=2^\circ$; NP2: $\phi=172^\circ, \delta=88^\circ, \lambda=163^\circ$; Principal axes: T 10.099, P1g13, Azm126; N 1.099, P1g73, Azm348; P 9.003, P1g11, Azm219; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 19 12:40:04.4, 0.2, 48.79N:128.60W, h10km, mb5.1/70, MS4.7/67, MW5.3(PGC) Error ellipse: s-maj=4.9km s-min=2.4km az=50.0

ISC 19 12:40:02.5, 0.7, 48.68N:102.128.65W, 0.02, h9km, 4km, h15km, 9km; p-P, n449, r121/420, mb4.9/89, MS4.7/96, 20C-13D, Vancouver Island region

Code	Station Name	Δ	AZ	Op	ISC	Time	Res
ETB	Estevan Point	1.56	63	Op	ISC	h m s	ISC
ETB	comp-Z, 1.1um, 0.6s			Trac	Pn	12 40 31.1	+0.5
EDB	Eliza Dome	1.56	39	Ph	Pn	12 40 30.9	+0.3
EDB	EDB			Sn	Sn	12 40 51.2	+0.1
EDB	comp-Z, 885nm, 0.8s			Trac	Pn	12 40 31.3	+0.3
BPBC	Brooks Peninsula	1.58	21	Ph	Sn	12 40 51.2	-0.5
BPBC	comp-Z, 546nm, 0.4s			Trac		12 40 55.2	
MAYB	Maynard	1.97	29	Ph	Pn	12 40 37.2	+0.6
HOLB	Holberg	1.99	10	Ph	Sn	12 40 36.9	+0.1
HOLB	comp-Z, 270nm, 0.3s			Trac		12 41 02.9	+0.9
HOLB	comp-Z, 270nm, 0.3s			Trac		12 41 06.5	
WOSB	Woss	2.01	42	Ph	Pn	12 40 37.9	+0.8
OZB	Mount Ozzard	2.10	81	Ph	Pn	12 40 37.6	-0.8
OZB	OZB			Sn	Sn	12 41 05.0	0.0
OZB	Mount Ozzard	2.10	81	Ph	Pn	12 40 37.6	-0.8
PHC	Port Hardy	2.18	21	Ph	Trac	12 40 39.7	+0.2
PHC	comp-Z, 579nm, 0.9s			Trac		12 41 21.6	
YTB	Buttle Lake	2.20	68	Ph	Sn	12 40 40.0	+0.1
BTB	BTB			Sn	Sn	12 41 09.1	+1.6
BTB	comp-Z, 610nm, 0.3s			Trac		12 41 10.5	
NCRB	Newcastle Ridge	2.41	43	Ph	Pn	12 40 44.0	+1.1
NCRB	NCRB			Sn	Sn	12 41 14.8	+1.9
NCRB	comp-Z, 413nm, 0.5s			Trac		12 41 16.6	
CBB	Campbell River	2.54	57	Ph	Pn	12 40 45.4	+0.7
CBB	CBB			Sn	Sn	12 41 18.2	+2.2
CBB	comp-Z, 184nm, 0.3s			Trac		12 41 19.3	
ALB	Alberni	2.58	75	Ph	Pn	12 40 44.8	-0.6
ALB	ALB			Sn	Sn	12 41 16.6	-0.6
ALB	comp-Z, 136nm, 0.4s			Trac		12 41 18.5	
ALB	comp-Z, 136nm, 0.4s			Trac		12 41 18.5	
MGB	Mount Grey	2.63	82	Ph	Pn	12 40 45.0	-1.0
MGB	MGB			Sn	Sn	12 41 17.6	-0.8
PFB	Port Renfrew	2.79	91	Ph	Pn	12 40 47.3	-1.0
PFB	PFB			Sn	Sn	12 41 21.5	0.5
OTR	Olympics-Tyee	2.93	10	Ph	Pn	12 40 49.9	-0.4
TXB	Texada	2.94	68	Ph	Sn	12 40 50.7	+0.3
TXB	TXB			Sn	Sn	12 41 26.6	+0.3
TXB	comp-Z, 156nm, 0.3s			Trac		12 41 29.9	
TXB	comp-Z, 156nm, 0.3s			Trac		12 41 29.9	
NLLB	Nanaimo Lost L	3.12	78	Ph	Pn	12 40 52.8	-0.1
NLLB	NLLB			Sn	Sn	12 41 31.2	+0.4
NLLB	comp-Z, 203nm, 0.6s			Trac		12 41 37.5	
OCWA	Octopus Mounta	3.13	106	Ph	Pn	12 40 51.6	-1.5
OCWA	OCWA			Sn	Sn	12 41 29.9	-1.2
OCWA	Octopus Mounta	3.13	106	Ph	Pn	12 40 50.6	-2.6
OCWA	OCWA			Sn	Sn	12 41 29.9	-1.2
LZB	Mount Lazard	3.20	89	Ph	Sn	12 40 53.0	-1.1
LZB	LZB			Sn	Sn	12 41 32.9	+0.1
SHB	Sechelt	3.27	72	Ph	Pn	12 40 55.2	+0.2
SHB	SHB			Sn	Sn	12 41 35.3	+0.8
SHB	SHB			Trac		12 41 40.9	
OSR	Olympics-Sals	3.35	109	P	Pn	12 40 55.4	-0.9
STW	Striped Peak	3.36	97	P	Pn	12 40 55.6	-0.8
GOBB	Galiano Island	3.41	94	P	Sn	12 40 57.0	0.0
GOBB	GOBB			Sn	Sn	12 41 36.9	-1.1
GOBB	comp-Z, 472nm, 0.7s			Trac		12 41 42.8	
PGC	Sidney	3.45	89	Ph	Pn	12 40 56.8	-0.7
PGC	PGC			Sn	Sn	12 41 38.0	-1.0
PGC	comp-Z, 121nm, 0.6s			Trac		12 41 42.1	
PGC	Sidney	3.45	89	Ph	Pn	12 40 56.4	-1.2
BBB	Bella Bella	3.52	5	Ph	Pn	12 40 59.4	+0.7
BBB	40nm, 0.3s, baz=270, slow=17, SNR=5-137			Sn	Sn	12 41 39.6	-1.4
BBB	comp-Z, 9um, 20.0s, baz=197, slow=37			LR	LR	12 42 17.9	
BBB	Bella Bella	3.52	5	Ph	Pn	12 40 59.4	+0.7
BBB	BBB			Ph	Pn	12 40 59.9	+1.1
BBB	BBB			Sn	Sn	12 41 39.6	-1.4
BBB	BBB			Sn	Sn	12 41 40.9	-0.1
BBB	BBB			Trac		12 41 45.6	
VGZ	Gonzales	3.55	92	Ph	Pn	12 40 57.0	-2.0
VGZ	VGZ			Sn	Sn	12 41 38.5	-3.1
VGZ	VGZ			Trac		12 41 42.6	
BIB	Bowen Island	3.59	76	Ph	Pn	12 40 59.6	0.0
BIB	BIB			Sn	Sn	12 41 43.2	+0.6
BIB	comp-Z, 119nm, 0.5s			Trac		12 41 47.1	
SNB	Saturna Island	3.63	86	Ph	Pn	12 41 00.2	0.0
SNB	SNB			Sn	Sn	12 41 53.3	0.0
SNB	SNB			Sn	Sn	12 41 51.3	0.0
WPB	Watts Point	3.70	73	Ph	Pn	12 41 01.5	+0.3
WPB	WPB			Sn	Sn	12 41 47.3	+1.9
WPB	comp-Z, 872nm, 1.3s			Trac		12 41 54.5	
HDW	Hoopsport	3.88	103	P	Pn	12 41 03.1	-0.7
WSLR	Whistler	4.01	67	Ph	Pn	12 41 06.5	+0.9
WSLR	WSLR			Sn	Sn	12 41 56.3	+3.0
WSLR	WSLR			Trac		12 42 08.2	
HNB	Haney	4.04	79	Ph	Pn	12 41 05.7	-0.4
HNB	HNB			Sn	Sn	12 41 53.9	-0.2
HNB	comp-Z, 208nm, 0.8s			Trac		12 41 58.6	
CPW	Capitol Peak	4.09	113	P	Pn	12 41 05.5	-1.2
VDB	Vedder Mountain	4.34	83	Ph	Pn	12 41 09.5	-0.7
VDB	VDB			Sn	Sn	12 42 02.4	+0.9
VDB	comp-Z, 54nm, 0.4s			Trac		12 42 03.5	

VDB	Vedder Mountain	4.34	83	P	Pn	12 41 09.5	-0.7
CMW	Cutus Mountain	4.35	91	P	Pn	12 41 10.6	+0.2
BNB	Bary Inlet	4.37	334	Ph	Sn	12 41 11.5	+0.8
BNB	comp-Z, 1um, 0.6s			Sn	Sn	12 41 59.0	-3.4
BNB	BNB			Trac		12 42 45.0	
MBW	Mount Baker	4.47	86	P	Pn	12 41 12.1	0.0
JCW	Jim Creek	4.50	94	P	Pn	12 41 11.7	-0.8
HTW	Haystack Looko	4.58	98	P	Pn	12 41 14.7	-0.4
HTW	Rockport	4.74	90	P	Pn	12 41 15.6	-0.4
LLL	Lilloet	4.80	64	Ph <td>Sn</td> <td>12 41 17.5</td> <td>+0.7</td>	Sn	12 41 17.5	+0.7
LLL	LLL			Sn	Sn	12 42 13.3	0.0
LLL	LLL			Trac		12 42 22.4	
HOPB	Hop	4.81	79	Ph <td>Pn</td> <td>12 41 16.6</td> <td>-0.3</td>	Pn	12 41 16.6	-0.3
HOPB	HOPB			Sn	Sn	12 42 12.9	-0.5
HOPB	HOPB			Trac		12 42 17.6	
MOBC	Moresby Island	4.97	337	Ph <td>Sn</td> <td>12 41 18.7</td> <td>-0.4</td>	Sn	12 41 18.7	-0.4
MOBC	MOBC			Sg	Sg	12 42 39.5	+3.3
MOBC	MOBC			Trac		12 42 57.8	
BNAB	Bonilla	4.98	346	Ph <td>Sn</td> <td>12 41 20.0</td> <td>+0.7</td>	Sn	12 41 20.0	+0.7
BNAB	BNAB			Sn	Sn	12 42 07.2	-1.1
BNAB	comp-Z, 30nm, 0.6s			Trac		12 42 21.6	
BNAB	BNAB			Trac		12 42 21.6	
FMW	Mount Fremont	5.02	108	P	Pn	12 41 19.3	-0.5
VIB	Van Inlet	5.02	333	Ph <td>Pn</td> <td>12 41 20.9</td> <td>-1.5</td>	Pn	12 41 20.9	-1.5
VIB	VIB			Sn	Sn	12 42 39.5	-0.1
VIB	VIB			Trac		12 43 06.0	
COR	Corvallis	5.51	356	Ph <td>Pn</td> <td>12 41 25.3</td> <td>-1.5</td>	Pn	12 41 25.3	-1.5
RUBB	Prince Rupert	5.74	131	eP <td>Pn</td> <td>12 41 30.0</td> <td>-0.1</td>	Pn	12 41 30.0	-0.1
RUBB	RUBB			Sn	Sn	12 42 45.9	-2.4
RUBB	RUBB			Trac		12 42 41.6	
RUBB	comp-Z, 265nm, 0.9s			Trac		12 42 41.6	
VFP	Flag Point	5.96	122	P	Pn	12 41 33.5	+0.4
PNT	Penticton	5.98	81	Ph <td>Sn</td> <td>12 41 32.1</td> <td>-1.3</td>	Sn	12 41 32.1	-1.3
PNT	PNT			Trac		12 42 46.2	+3.3
PNT	PNT			Trac		12 43 14.5	
MDW	Midway	6.35 <th>106</th> <th>P</th> <td>Pn</td> <td>12 41 38.8</td> <td>+0.1</td>	106	P	Pn	12 41 38.8	+0.1
FSB	Fort Saint Jam	6.40	23	Ph <td>Sn</td> <td>12 41 40.5</td> <td>+1.2</td>	Sn	12 41 40.5	+1.2
FSB	FSB			Sg	Sg	12 42 32.2	+6.3
FSB	FSB			Trac		12 43 37.0	
KEBM	Edson Butte	6.54 <th>151</th> <th>eP <td>Pn</td> <td>12 41 40.0</td> <td>-1.5</td> </th>	151	eP <td>Pn</td> <td>12 41 40.0</td> <td>-1.5</td>	Pn	12 41 40.0	-1.5
GBL	Gable Mountain	6.55	105 <th>P</th> <td>Pn</td> <td>12 41 41.2</td> <td>-0.3</td>	P	Pn	12 41 41.2	-0.3
HAW	Harford	6.58	107	eP <td>Pn</td> <td>12 41 41.1</td> <td>-0.9</td>	Pn	12 41 41.1	-0.9
ODW	Odessa Site #2	6.79	97 <th>P</th> <td>Pn</td> <td>12 41 43.2</td> <td>-1.7</td>	P	Pn	12 41 43.2	-1.7
DO2	Downie Slide	7.11 <th>63</th> <th>Ph <td>Pn</td> <td>12 41 48.8</td> <td>-0.5</td> </th>	63	Ph <td>Pn</td> <td>12 41 48.8</td> <td>-0.5</td>	Pn	12 41 48.8	-0.5
KBO	Bosley Butte	7.18 <th>153</th> <th>eP <td>Pn</td> <td>12 41 50.2</td> <td>-0.1</td> </th>	153	eP <td>Pn</td> <td>12 41 50.2</td> <td>-0.1</td>	Pn	12 41 50.2	-0.1
SLEB	Sale Mountain	7.23 <th>66</th> <th>Ph <td>Pn</td> <td>12 41 51.1</td> <td>+0.1</td> </th>	66	Ph <td>Pn</td> <td>12 41 51.1</td> <td>+0.1</td>	Pn	12 41 51.1	+0.1
SLEB	SLEB			Trac		12 44 03.9	
HUMO	Hull Mountain	7.27	145	eP <td>Pn</td> <td>12 41 51.1</td> <td>-0.4</td>	Pn	12 41 51.1	-0.4
MNB	Mounoet Dainar	7.44	58	Ph <td>Pn</td> <td>12 41 54.9</td> <td>+0.9</td>	Pn	12 41 54.9	+0.9
NEW	Newport	7.67	89 <td></td> <td>Pn</td> <td>12 41 55.1</td> <td>-2.2</td>		Pn	12 41 55.1	-2.2
NEW	NEW			Sn	Sn	12 43 27.4	+2.1
NEW	NEW			Trac		12 43 27.4	+2.1
NEW	Newport	7.67	89 <td>eP</td> <td>Pn</td>	eP	Pn		

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC Ulice, CHKZ Chkalovo, and various other frequencies.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR Makanichi Array, BURAR Bucovina Array, and various other frequencies.

Table with columns for station name, frequency, power, and other technical details. Includes stations like QSPA South Pole Qui, VNA3 Neumayer Olymp, and various other frequencies.

BRG		PP	PP	14 26 01.0	+5.2	
BRG		SKS	SKS	14 33 03.0	-2.9	
BRG		S	S	14 33 16.0	+1.5	
BRG		SS	SS	14 38 37.0	+6.0	
BRG		LR	LR			
comp-Z,8µm,20.1s,MS6.1						
BRG	Berggiesshubel	83.81 321	i	P	14 22 40.8	+0.1
BRG			p	P	14 22 50.2	+0.4
BRG					14 26 01.0	
BRG					14 33 03.0	
comp-Z,42nm,1.2s,mb5.4						
BRG			MLR	MLR		
comp-Z,8µm,20.1s,MS6.1						
GE2C	GERESS Array S	83.82 319	eP	P	14 22 41.0	+0.2
comp-Z,239nm,1.5s,mb5.2						
GE2C	GERESS Array S	83.82 319	eP	P	14 22 41.0	+0.2
comp-Z,299nm,1.5s,mb5.2						
GERES	GERESS Array B	83.82 319	P	P	14 22 41.4	+0.6
comp-Z,26nm,0.9s,mb5.4,baz=108,slow=4.2,SNR=18						
GERES			S	S	14 33 03.9	+3.2
comp-Z,0.1nm,0.3s,baz=13,slow=13,SNR=2.3						
NRCA	Norcica	83.89 313	P	P	14 22 42.8	+1.5
PTCC	Patocco-Chiusa	83.91 316	P	P	14 22 41.7	+0.4
KHC	Kasperke Hory	83.92 319	eP	P	14 22 41.0	-0.3
KHC			eS	S	14 33 02.1	+0.4
KHC			AMS	AMS	15 07 10.0	
comp-Z,10µm,20.0s						
KBA	Koelnreinsper	83.95 317	eP	P	14 22 42.4	+0.9
comp-Z,88nm,1.6s,mb5.6						
KBA	Koelnreinsper	83.95 317	eP	P	14 22 42.4	+0.9
comp-Z,88nm,1.6s,mb5.6						
KBA	Koelnreinsper	83.95 317	eP	P	14 22 42.4	+0.9
comp-Z,28nm,1.6s,mb5.6						
GMNA	Gemona	83.98 316	P	P	14 22 43.3	+1.6
RUE	Ruedersdorf	84.03 322	eP	P	14 22 41.9	+0.2
comp-Z,365nm,1.4s,mb5.3						
ARV	Areve	84.05 313	P	P	14 22 43.8	+1.1
FSSB	Fossonbrone	84.18 314	P	P	14 22 44.3	+1.5
FVI	Forni Avoltri	84.31 316	P	P	14 22 42.9	-0.5
WET	Wetzell	84.38 319	eP	P	14 22 43.7	+0.1
comp-Z,115nm,1.3s,mb5.8						
WET	Wetzell	84.38 319	eP	P	14 22 43.7	+0.1
comp-Z,115nm,1.3s,mb5.8						
CLL	Colim	84.43 321	P	P	14 22 43.3	-0.5
comp-Z,logAT=1.5,mb5.4						
CLL			i*PP	pP	14 22 51.5	-1.4
CLL			ePP	PP	14 26 03.0	+2.3
CLL			ePPP	PPP	14 27 54.0	-2.2
CLL			eS	S	14 29 33.0	
CLL			ePS	PS	14 33 06.0	-0.7
CLL			eSS	SS	14 33 56.0	-9.3
CLL			eSSS	SSS	14 39 00.0	+2.0
CLL			e		14 42 06.0	-1.6
CLL			e		14 45 18.0	
CLL	Colim	84.43 321	i	P	14 22 43.3	-0.5
comp-Z,32nm,1.1s,mb5.4						
CLL			pP	pP	14 22 51.5	-1.4
CLL			eS	LR	14 33 06.0	-0.7
comp-Z,10µm,19.8s,MS6.2						
CLL	Colim	84.43 321	i	P	14 22 43.3	-0.5
comp-Z,32nm,1.1s,mb5.4						
CLL			MLR	MLR		
comp-Z,10µm,19.8s,MS6.2						
BJO	Bjornoya	84.61 345	eP	P	14 22 43.3	-0.9
BJO			ePP	PP	14 26 01.2	-0.5
BJO			AMS	AMS	15 05 01.5	
comp-Z,20µm,20.4s,MS6.5						
BJO1	Bjornoya	84.66 345	eP	P	14 22 43.3	-0.6
comp-Z,14µm,23.2s,MS6.3						
NKC	Novy Kostel	84.72 320	eP	P	14 22 45.2	-0.1
NKC			eS	AMS	14 30 17.0	+1.1
NKC			AMS	AMS	15 08 10.0	
comp-Z,8µm,18.3s						
SFI	Santa Sofia	84.86 314	P	P	14 22 47.9	+1.7
comp-Z,685nm,1.5s,mb5.6						
SFI	Santa Sofia	84.86 314	P	P	14 22 47.9	+1.7
comp-Z,685nm,1.5s,mb5.6						
MORB	Moi Rana	84.93 336	eP	P	14 22 45.9	0.0
MORB			Amb	Amb	14 22 58.1	
comp-Z,236nm,1.4s,mb5.1						
MORB	Moi Rana	84.93 336	eP	P	14 22 47.8	+1.9
PGD	Poggio Sodo	84.95 314	P	P	14 22 49.2	+2.6
comp-Z,269nm,1.3s,mb5.2						
PGD	Poggio Sodo	84.95 314	P	P	14 22 49.2	+2.6
comp-Z,269nm,1.3s,mb5.2						
COP	Copenhagen	85.03 326	i	S	14 33 13.3	+0.8
comp-Z,7µm,20.0s						
COP	Copenhagen	85.03 326	i	P	14 22 47.9	+1.2
comp-Z,54nm,1.1s,mb5.6						
COP			i	S	14 33 13.3	+0.8
COP			LR	LR		
comp-Z,7µm,20.0s,MS6.0						
COP	Copenhagen	85.03 326	i	S	14 22 47.9	+1.2
comp-Z,54nm,1.1s,mb5.6						
COP			MLR	MLR		
comp-Z,7µm,20.0s,MS6.0						
CTI	Castel Tesino	85.07 316	P	P	14 22 47.9	+0.7
comp-Z,275nm,1.2s,mb5.3						
CTI	Castel Tesino	85.07 316	P	P	14 22 47.9	+0.7
comp-Z,275nm,1.2s,mb5.3						
VMG	Vicchio	85.08 314	P	P	14 22 49.2	+1.9
WTTA	Wattenberg	85.13 317	i	P	14 22 48.6	+1.2
SNR=4						
WTTA	Wattenberg	85.13 317	i	P	14 22 48.6	+1.2
WATA	Walderalm	85.17 317	i	P	14 22 47.6	0.0
MOX	Moxa	85.27 320	i	P	14 22 49.5	+1.5
comp-Z,logAT=2.0,mb5.9						
MOX			PP	PP	14 26 05.0	-2.5
MOX			L	L	14 33 17.0	+2.1
MOX			S	S	15 05 53.0	
MOX	Moxa	85.27 320	eP	P	14 22 49.5	+1.5
MOX			ePP	PP	14 26 05.2	-2.3
MOX			eS	LR	14 33 17.0	+2.1
comp-Z,6µm,20.0s,MS6.0						
MOX	Moxa	85.27 320	eP	P	14 22 49.5	+1.5
comp-Z,184nm,1.8s,mb5.9						
MOX			eS	S	14 26 05.2	
MOX			eS	MLR	14 33 17.0	+2.1
comp-Z,6µm,20.0s,MS6.0						
MELSS	Ber school 2	85.28 337	eP	P	14 22 50.7	+3.0
FUR	Furstenfeldbru	85.40 318	eP	P	14 22 48.2	-0.5
comp-Z,105nm,1.1s,mb5.9						
FUR	Furstenfeldbru	85.40 318	eP	P	14 22 48.2	-0.5
comp-Z,105nm,1.1s,mb5.9						
SQT	Sankt Quirin	85.42 317	i	P	14 22 49.2	+0.4
comp-Z,299nm,1.0s,mb5.4,SNR=6.8						
SQT	Sankt Quirin	85.42 317	i	P	14 22 58.7	+0.8
comp-Z,56nm,0.8s						
SQT	Sankt Quirin	85.42 317	i	P	14 22 49.2	+0.4
comp-Z,299nm,1.0s,mb5.4						
SQT	Sankt Quirin	85.42 317	i	P	14 22 49.2	+0.4
comp-Z,299nm,1.0s,mb5.4						
GRFL	Gerfalco	85.47 313	P	P	14 22 49.2	0.0
comp-Z,77nm,1.2s,mb5.7						
LOF	Lofoten	85.47 338	eP	Amb	14 22 51.4	+2.8
comp-Z,272nm,1.6s,mb5.1						
GRA1	Grafenberg Arr	85.49 319	eP	P	14 22 49.6	+0.5
comp-Z,157nm,1.0s,mb5.1						
GRA1			eP	pP	14 22 58.0	-0.3
GRA1			ePP	PP	14 26 07.0	-2.3
GRA1			ePP	PP	14 26 20.3	
GRA1			eS	S	14 33 18.4	+1.3
GRF	Grafenberg Arr	85.49 319	eP	P	14 22 49.6	+0.5
comp-Z,157nm,1.0s,mb5.1						

GRF		eP	pP	14 22 58.0	-0.3	
GRF		ePP	PP	14 26 07.0	-2.3	
GRF		epPP	PP	14 26 20.3		
GRF		eS	LR	14 33 18.4	+1.3	
comp-Z,8µm,20.6s,MS6.1						
GRF	Grafenberg Arr	85.49 319	eP	P	14 22 49.6	+0.5
GRF		ePP	pP	14 22 58.0	-0.3	
GRF		e		14 26 07.0		
GRF		eS	S	14 33 18.4	+1.3	
comp-Z,157nm,1.0s,mb5.1						
GRF	Grafenberg Arr	85.49 319	eP	P	14 22 49.6	+0.5
GRF		ePP	pP	14 22 58.0	-0.3	
GRF		eS	S	14 26 07.0		
GRF		eS	pmax	14 33 18.4	+1.3	
comp-Z,8µm,20.6s,MS6.1						
MOTA	Moosalm	85.49 317	i	P	14 22 49.1	-0.1
comp-Z,36nm,0.9s,mb5.5,SNR=6.1						
MOTA	Moosalm	85.49 317	i	P	14 22 49.1	-0.1
comp-Z,36nm,0.9s,mb5.5						
GSLC	Gselc	85.78 314	P	P	14 22 53.0	+2.3
NSS	Namsos	85.82 334	eP	P	14 22 50.5	0.0
NSS			eSKSa	AMS	14 33 15.0	
NSS			AMS	AMS	15 09 06.3	
comp-Z,14µm,18.7s,MS6.4						
MAIM	Malga Bissina	85.84 314	P	P	14 22 49.6	-1.5
MABI	Sassorosso	85.86 316	P	P	14 22 51.3	+0.2
SARO	Sarossio	85.91 314	P	P	14 22 50.0	-1.3
NB2	NORSAR Subarra	85.97 331	P	P	14 22 50.9	-0.3
comp-Z,229nm,1.4s,mb5.2,baz=91,slow=5.0						
NB2	NORSAR Subarra	85.97 331	P	P	14 22 50.9	-0.3
comp-Z,229nm,1.4s,mb5.2,baz=94,slow=5.0,SNR=14						
NOA	NORSAR Array B	85.97 331	P	P	14 22 51.2	-0.1
NOA	NORSAR Array B	85.97 331	P	P	14 22 52.1	+0.5
BRMO	Bormio	86.02 314	P	P	14 22 50.7	-1.2
VALM	Valm	86.02 314	P	P	14 22 53.0	+1.0
FUORN	Fornopass	86.05 316	P	P	14 22 50.9	-1.3
VINC	Vinca	86.09 314	P	P	14 22 52.2	+0.1
CLZ	Clausthal	86.09 322	eP	P	14 22 52.2	+0.1
comp-Z,17nm,1.1s,mb5.9						
CLZ	Clausthal	86.09 322	eP	P	14 22 52.2	+0.1
comp-Z,87nm,1.1s,mb5.9						
NAO01	NORSAR Array S	86.12 331	eP	P	14 22 52.7	+0.7
comp-Z,114nm,1.2s,mb5.0						
NAO01			e	pP	14 23 01.9	+0.8
NAO	NORSAR Subarra	86.14 331	P	P	14 22 50.9	-1.2
comp-Z,229nm,1.4s,mb5.2						
NAO	NORSAR Subarra	86.14 331	P	P	14 22 50.9	-1.2
comp-Z,229nm,1.4s,mb5.2						
BACM	Bacm	86.15 314	P	P	14 22 51.1	-1.4
GRAM	Gram	86.16 314	P	P	14 22 51.5	-1.1
BCEG	Bad Segeberg	86.18 324	eP	P	14 22 52.8	+0.3
CODM	Codm	86.31 314	P	P	14 22 52.5	-0.8
DAVOX	Davos	86.32 317	P	P	14 22 54.8	+1.5
DAVA	Damuels	86.32 317	eP	P	14 22 54.3	+1.0
comp-Z,107nm,1.1s,mb5.0,SNR=8.2						
VSL	Villasalto	86.64 309	eP	P	14 22 54.5	-0.5
comp-Z,120nm,1.1s,mb5.0						
VSL			e	pP	14 23 04.7	+0.5
KONO	Kongsberg	86.72 329	e	pP	14 22 56.4	+1.5
KONO			eSKSa	AMS	14 33 19.8	
KONO	Kongsberg	86.72 329	e	pmax	14 22 55.4	+0.4
comp-Z,250nm,1.4s,mb5.2						
STU	Stuttgart	86.80 319	eP	P	14 22 55.2	-0.4
comp-Z,48nm,0.8s,mb5.8						
STU	Stuttgart	86.80 319	eP	P	14 23 05.9	+1.1
comp-Z,48nm,0.8s,mb5.8						
STU			e	pP	14 23 05.9	+1.1
STU			e	pP	14 23 05.9	+1.1
comp-Z,48nm,0.8s,mb5.8						
KBS	Kingsbay	86.89 349	eP	P	14 22 54.0	-1.4
KBS			eSKSa	AMS	14 33 15.8	
KBS			AMS	AMS	15 07 41.4	
comp-Z,16µm,20.7s,MS6.4						
KBS	Kingsbay	86.89 349	eP	LR	14 22 54.0	-1.4
comp-Z,1582µm,20.7s						
MUD	Monsted U'grnd	86.89 326	i	S	14 33 30.1	-0.3
MUD					14 34 45.8	
MUD					14 39 20.9	
comp-Z,14µm,19.0s						
MUD	Monsted U'grnd	86.89 326	i	P	14 22 56.8	+0.9
comp-Z,142nm,1.2s,mb5.1						
MUD			i	S	14 33 30.1	-0.3
MUD			i	S	14 34 45.8	
MUD			i	S	14 39 20.9	
MUD	Monsted U'grnd	86.89 326	i	P	14 22 56.8	+0.9
MUD			i	S	14 33 30.1	-0.3
MUD			i	S	14 34 45.8	
MUD			i	S	14 39 20.9	
comp-Z,142nm,1.2s,mb5.1						
PGF	Pioggiola	86.92 312	eP	P	14 22 56.9	+0.5
comp-Z,258nm,1.5s,mb5.0						
PGF	Pioggiola	86.92 312	eP	P	14 22 56.9	+0.5
comp-Z,129nm,1.5s,mb5.9						
DOMB	Dombas	87.03 332	eP	Amb	14 22 57.6	+1.2
comp-Z,167nm,1.5s,mb5.8						
DOMB	Dombas	87.03 332	eP	P	14 22 57.6	+1.2
comp-Z,167nm,1.						

Table of astronomical observations for 19d 17h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, listing station names, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, listing station names, coordinates, and observation details.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EVR, PCCY, VLS, ALFC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CABF, SUW, VIVF, HMF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SCHO, YAK, YAK, NJ2, etc.

Table with columns: TOO, Toolangi, 47.20 159, P, 18 03 35.7 +2.1, etc. Includes stations like HYB Hyderabad, NOUC Port Laguerre, etc.

Table with columns: AKUT Akutan, 72.37 35, P, 18 06 26.9 +1.1, etc. Includes stations like ARU Arti, ORR Orenburg, etc.

Table with columns: SUW, comp=Z,42nm,1.0s,mb5.6, pmax, pmax, 18 08 11.4 +0.6, etc. Includes stations like BURAR Bucovina Array, NOA NORSAR Array, etc.

Table with columns: BDFB Brasilia, SAML Samuel, SAML, and various frequency/offset values.

NEIC 19 18:01:41.5, 40.46S, 178.81E, h33km, ML3.8(WEL), After WEL
WEL 19 18:01:43.6, 40.36S, 178.59E, h33km, ML3.6/7, 2C-1D, Error ellipse: s-maj=4.8km s-min=2.3km az=90.0

Main table for 19d 19h section, listing station names, codes, and various parameters like time, resonance, and phase ID.

IDC 19 18:08:43.7, 9.18, 146.5E, 178.52W, h645km, 9gkm, mb2.9/s, mbl1 3.2/5, mbl1mx3.0/14, mbtmp3.9/5, Error ellipse: s-maj=100.0km s-min=37.2km az=159.0, Fiji islands region

Table for IDC 19 18:08:43.7, listing station names and parameters.

MOS 19 18:09:35.7, 1.3, 30.12S, 177.93W, h33km, mb5.1/4, Error ellipse: s-maj=17.6km s-min=14.1km az=87.7
IDC 19 18:09:37.4, 2.2, 30.11S, 177.81W, h39km, 17km, mb4.2/10, mbl1 4.4/11, mbl1mx4.4/13, mbtmp4.4/11, ML4.5/1, MS3.8/1, Ms1 3.8/1, ms1mx3.1/16, Error ellipse: s-maj=19.0km s-min=15.4km az=113.0

HRVD 19 18:09:38.7, 0.7, 30.06S, 177.79W, h48km, 3km, MW5.2/22, Centroid moment Tensor Solution. LP body waves: s22, c26, mantle waves: s20, c25; Half duration: 0. Moment tensor: Scale 10^19Nm, Mw=8.66L, Mw=8.66L, Mw=1.49L, Mw=1.66L; Best double couple: M6.775x10^16 NP1b, 355°, 84°, 92°; NP2b, 173°, 85°, 89°; Principal axes: T: S.984, P: 418, Azm72°; N: 1.583, P1g1°, Azm174°; P: -7.567, P1g5°, Azm264°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 19 18:09:38.7, 1.4, 30.02S, 177.93W, h52km, 11km, mb5.0/14 Error ellipse: s-maj=12.5km s-min=9.8km az=107.0
ISC 19 18:09:30.2, 2.3, 30.42S, 0.04, 178.0W, 0.1, h2km, 14km, n119, r122/93, mb4.8/24, MS3.7/1, 14C-4D, Kermadec Islands region

Table for NEIC 19 18:09:38.7, listing station names and parameters.

Main table for 2005 NOV section, listing station names, codes, and various parameters like time, resonance, and phase ID.

Table for 2005 NOV section, listing station names and parameters.

ATH 19 18:58:36.3, 38.17N, 26.73E, h43km, MD3.4/3 CSEM 19 18:58:37.2, 0.2, 38.15N, 26.66E, h11km, 1km, MD3.3 Error ellipse: s-maj=4.3km s-min=1.9km az=88.0
ISK 19 18:58:38.2, 38.19N, 26.70E, h20km, MD3.3
ISC 19 18:58:36.7, 0.7, 38.21N, 0.02, 26.62E, 0.05, h4km, 5km, n24, c090/34, Aegean Sea region

Table for ATH 19 18:58:36.3, listing station names and parameters.

ATH 19 19:00:10.4, 38.14N, 26.84E, h42km, MD3.3/3 CSEM 19 19:00:10.6, 0.3, 38.13N, 26.69E, h10km, 2km, MD3.3 Error ellipse: s-maj=3.9km s-min=4.5km az=98.0
ISK 19 19:00:11.8, 38.13N, 26.79E, h9km, MD3.3
NEIC 19 19:00:11.0, 38.14N, 26.76E, h8km, MD3.3(ISK), MD3.3(ATH), After ISK
ISC 19 19:00:11.2, 0.7, 38.16N, 0.02, 26.71E, 0.05, h3km, 6km, n21, c094/32, Aegean Sea region

Table for ATH 19 19:00:10.4, listing station names and parameters.

JMA 19 19:42:26.0, 0.1, 35.52N, 140.93E, h39km, 1km, M1.3, Near east coast of eastern Honshu

Table for JMA 19 19:42:26.0, listing station names and parameters.

IDC 19 19:42:28.9, 1.2, 35.43N, 141.20E, mb3.5/3, mbl1 3.7/7, mbl1mx3.6/22, mbtmp3.7/7, ML3.7/3, MS2.6/2, M1 2.6/2, ms1mx2.4/17, Error ellipse: s-maj=26.8km s-min=18.1km az=91.0

JMA 19 19:42:33.4, 0.1, 35.55N, 141.00E, h41km, 1km, M3.0, NEIC 19 19:42:34.2, 0.9, 35.40N, 140.98E, h40km, MG3.0(JMA), ISC 19 19:42:28.0, 0.8, 35.53N, 0.04, 141.09E, 0.08, h42km, 7km, n23, c090/31, mb3.5/3, Near east coast of eastern Honshu

Table for JMA 19 19:42:26.0, listing station names and parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, ASAJ Ashikawa, etc.

JMA 19 19:51:23.0, 1.35, 55N-140.99E, h41km, 1km, M2.6
IDC 19 19:51:26.3, 3.6, 35, 40N-140.79E, h65km, 40km, mb3.1/2,
ms1.3/4, mb1mx3.1/21, mbtrpp3.3/4, ML2.9/2, MS3.0/2,
Ms1.3/0.2, ms1mx2.7/5, Error ellipse: s-maj=63.1km
s-min=16.3km az=89.0

ISC 19 19:51:22.8, 0.3, 35.50N, 0.04, 141.03E, 0.08, h45km, 8km,
n18, e093/23, mb3.5/2, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CHJO Choshi, KTR Katsuura, JCN Nagara, etc.

IDC 19 19:52:48.8, 1.6, 35.89N-69.18E, mb3.7/7, mb1.3/9/9,
mb1mx3.8/20, mbtrpp3.7/9, ML3.7/2, Error ellipse:
s-maj=34.8km s-min=23.3km az=18.0
NEIC 19 19:52:50.0, 0.8, 35.97N-69.10E, h10km, mb3.4/5, Error
ellipse: s-maj=15.4km s-min=6.8km az=52.0
MOS 19 19:52:52.0, 1.3, 36.08N-69.07E, h33km, mb4.1/1, Error
ellipse: s-maj=14.0km s-min=7.2km az=90.4

NNC 19 19:52:57.2, 2.8, 36.75N-68.72E, mpv4.0, Error ellipse:
s-maj=26.9km s-min=20.2km az=14.0
ISC 19 19:52:48.6, 0.6, 36.00N, 0.05, 69.08E, 0.07, h10km, n53,
e115/61, mb3.7/8, 11C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like THN Thein Dam, AML Almayashu, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUN Gumba, AKTK Aktubynsk, AKTO Aktubynsk, etc.

NEIC 19 19:52:58.7, 0.6, 52.35S, 0.19, h10km, mb4.6/1, Error
ellipse: s-maj=27.2km s-min=12.3km az=96.0
IDC 19 19:52:52.0, 0.9, 52.57S, 18.67E, mb4.0/5, mb1.4/2/5,
mb1mx3.9/12, mbtrpp4.1/5, MS3.9/9, Ms1.3/9/9,
ms1mx3.9/11, Error ellipse: s-maj=39.4km s-min=25.3km
az=62.0

ISC 19 19:52:57.6, 0.8, 52.3S, 0.1, x19.0E, 0.3, h10km, n28,
e119/17, mb4.2/6, MS3.9/8, 3C, Southwest of Africa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SUR Sutherland, SNA Sanae, SNA2 Sanae, etc.

IDC 19 20:09:45.2, 2.8, 71.64N-4.22W, mb3.5/2, mb1.3/8/7,
mb1mx3.6/23, mbtrpp3.7/7, ML3.5/5, MS3.0/4, Mst 3.1/4,
ms1mx2.8/26, Error ellipse: s-maj=52.0km s-min=18.3km
az=73.0

CSEM 19 20:09:46.0, 0.1, 71.57N-3.62W, h10km, mb3.8/1, Error
ellipse: s-maj=5.3km s-min=2.5km az=17.0
NAO 19 20:09:47.4, 1.5, 71.38N-4.15W
NEIC 19 20:09:47.9, 0.7, 71.57N-3.76W, h10km, mb3.8/1, Error
ellipse: s-maj=12.8km s-min=8.2km az=198.0
BER 19 20:09:48.9, 3.1, 71.80N-4.28W, h10km, MD3.0,
mb3.8(NEIC)

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JMIC Jan Mayen, JMC Jan Mayen, JMC2 Jan Mayen, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES, MOO Floor, etc.

CRAAG 19 20:40:23.8, 36.38N-4.97E, M13.9
MDD 19 20:40:25.1, 0.4, 36.57N-5.23E, mb3.9/7, Error ellipse:
s-maj=5.9km s-min=3.7km az=48.0, PRXIMO
NEIC 19 20:40:25.8, 1.1, 36.53N-5.30E, h17km, ML3.9(ALG),
Error ellipse: s-maj=8.8km s-min=6.1km az=171.0
CSEM 19 20:40:27.1, 0.1, 36.49N-5.27E, h35km, ML2.9/7, Error
ellipse: s-maj=3.5km s-min=1.6km az=30.0
LDG 19 20:40:28.4, 0.4, 36.68N-5.38E, h10km, M2.9/5, Error
ellipse: s-maj=8.4km s-min=3.8km az=152.0

ISC 19 20:40:25.3, 0.4, 36.84N, 0.04, 5.31E, h10km, n67,
e1527/86, mb4.6/1, Northern Algeria

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DFRA Djebel Bou, SEI Setif, CKHR Kef el Ahmar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like SBF Sospel, EPF Esparrros, LASF Ste Croix, etc.

INMG 19 20:42:37.0-1.4, 42.80N-7.23W, h11km, 3km, ML2.3, Error ellipse: s-maj=2.7km s-min=1.9km az=90.0
CSEM 19 20:42:37.0-1.4, 42.81N-7.23W, h10km, ML3.1/5, Error ellipse: s-maj=1.2km s-min=1.1km az=90.0
MDD 19 20:42:37.0-1.4, 42.80N-7.23W, h6km, 4km, mblg2.4/13, 1D, Error ellipse: s-maj=3.5km s-min=1.4km az=89.0,

Main table of station data for the 19d 21h period, including stations like ERUA La Rua, EPON Pontevosa, ECAL Calabor, etc.

Table of station data for 2005 NOV, including stations like EMIN Mina Concepcio, EADA Adamuz, EADA Adamuz, etc.

TRN 19 20:55:26.6, 17.53N-61.61W, h16km, MD3.6, M3.7(FDF), 1C, Leeward Islands

Table of station data for the TRN 19 20:55:26.6 event, including stations like CPB Codrington, BPA Boggy Peak, NVRH Round Hill, etc.

NEIC 19 21:02:59.1-0.3, 43.82N-105.32W, ML3.4, Error ellipse: s-maj=4.6km s-min=4.1km az=52.0, Suspected Mining explosion.

NEIC 55 km [35 miles] SSE of Gillette. IDC 19 21:02:59.4-1.5, 43.76N-105.48W, mb4.1/1, mb1 3.8/5, mb1 mx3.6/21, mbtmp3.6/5, ML3.5/4, Error ellipse: s-maj=45.9km s-min=7.4km az=149.0

ISC 19 21:02:57.0-0.5, 43.81N-104.105.30W-0.06, n39, c0591/41, mb4.3/1, Wyoming

Main table of station data for the 2005 NOV period, including stations like RSSD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

GUC 19 21:07:24.8-0.5, 25.23S-70.86W, h44km, 3km, MD3.5, ML3.1, 3C, Near coast of northern Chile

Table of station data for the GUC 19 21:07:24.8 event, including stations like CPN1 Cerro Paranal, CPN1 Cerro Paranal, etc.

Main table of station data for the 2005 NOV period, including stations like RATZ Rangitukua, RATZ Kakaramea, RATZ Kakaramea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kunigami, Iheya, Taipei, Tokunoshima, Natsuke, etc.

WEL 20:02:25:50.4,0.9,37.37S-177.07E, h313km,8km,ML3.5/4, Error ellipse: s-maj=25.5km s-min=17.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Matawai, Black Stump Fm, etc.

DJI 20:02:25:57.5,2.1,75S-178.62W, h569km, mB4.5, mB4.6 BUC 20:02:25:58.2,1.6,21.36S-178.68W, h552km,18km,mb3.5/9, mb1 3.7/12, mb1mx3.5/18, mbtmp4.4/12, Error ellipse: s-maj=21.3km s-min=14.1km az=150.0, NEIC 20:02:25:59.1,0.9,21.02S-178.78W, h551km,10km, mb4.0/11, Error ellipse: s-maj=13.7km s-min=8.1km

ISC 20:02:25:55.8,1.1,21.22S-007-178.69W,0.09, h524km,14km,n50,e1501/34,mb3.9/20,1D,Fiji Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVAR, CN2, TPNV, HLID, SNA, VNA3, etc.

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

GRA1 Grafenberg Arr 150.52 347 ePKP PKPdf 02 44 48.6 +7.1 GERES GERESE Array B 150.71 343 PKPbc PKPdf 02 44 48.3 +6.5

GUC 20:02:26:08.0,0.7,29.11Sx71.37W, h44km,3km,MD4.0, NEIC 20:02:26:08.1,0.9,29.09Sx71.61W, h41km,8km,mb4.3/2, MD4.0(GUC), Error ellipse: s-maj=17.1km s-min=5.7km az=95.0, IDC 20:02:26:12.0,3.2,29.06Sx71.30W, h73km,30km,mb3.7/3, mb1 3.8/6, mb1mx3.6/16, mbtmp3.9/6, Error ellipse: s-maj=41.8km s-min=19.6km az=71.0, ISC 20:02:26:06.2,0.8,29.09S,0.03x71.64W,0.10, h47km,8km, h52km,10,0km,PKP,N,399,e1906/37,mb4.0/5,11C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Serena, Copiapo, Caldera, Chaqaral, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Coronel Fontan, Peldehue, Rinconda Maip, Mendoza, Talagante, Chadas Angostu, etc.

NEIC 20:02:39:36.9,1.9,17.55N-145.61E, h193km,17km,mb3.8/2, Error ellipse: s-maj=48.5km s-min=14.9km az=116.0, IDC 20:02:39:36.3,3.2,17.62N-145.53E, h188km,31km,mb3.5/6, mb1 3.8/7, mb1mx3.5/17, mbtmp4.1/7, Error ellipse: s-maj=56.7km s-min=16.7km az=118.0, ISC 20:02:39:36.2,2.4,17.5N,0.2-145.7E,0.4, h197km,22km, n11,e1500/13,mb3.7/8,Mariana Islands

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

ROM 20:02:59:37.1,0.2,45.71N-7.86E, h13km,3km, Md2.9/10, Md2.9/7, Error ellipse: s-maj=2.7km s-min=2.2km az=104.0, NEIC 20:02:59:37.6,45.68N-7.86E, h15km,ML3.3(SZGRF), ML3.1(LDG),ML3.0(GEN),ML2.9(ROM),ML2.9(STRF), ML2.7(ZUR), After GEN, GEN 20:02:59:37.6,45.68N-7.86E, h15km,ML3.0 LDG 20:02:59:38.3,0.1,45.68N-7.87E, h3km,MD3.2/2,MI3.1/26, Error ellipse: s-maj=1.6km s-min=1.1km az=100.0, CSEM 20:02:59:38.1,0.1,45.67N-7.86E, h15km,ML3.2/21, Error ellipse: s-maj=1.0km s-min=0.9km az=108.0, STR 20:02:59:38.4,0.1,45.67N-7.82E, h5km,1km,ML2.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 20:02:59:36.5,0.2,45.68N,0.01-7.84E,0.02, h9km,1km, n163,e1943/286,12C-16D,Northern Italy

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

TRAV 0.18 202 P Pg 02 59 49.1 +1.4 TRAV 0.18 202 P Pg 02 59 45.0 +1.8 MCGN Macugnaga 0.30 20 P Pg 02 59 43.9 +1.2 MCGN 910nm,0.4s 0.38 131/Pg Pg 02 59 45.6 +1.2

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAVF, LMR, BFO, SOTA, MOTA, WATA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTLF, WET, GIVET, etc. and various island names like LOR, CTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VVDA, FITZ, QSPA, etc. and various island names like LOR, CTX, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VYHS, SRO, MORC, KEV, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KKM, KMB, KMB, PGF, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUD, ESDC, ESDC, ESLS, etc.

NEIC 20 05:41:41.6, 15.78N-96.17W, h41km, MD3.5(MEX), After MEX. MEX 20 05:41:41.6-0.7, 15.78N-96.17W, h41km, MD3.5, 1D, Near coast of Oaxaca

IDC 20 05:50:26.8, 0.8, 22.11N-145.07E, mb4.2/12, mb1 4.4/14, mb1mx3.3/21, mbtmp4.2/14, ML4.4/2, MS3.6/1, Ms1 3.6/1, ms1mx2.7/24, Error ellipse: s-major=26.4km s-min=21.1km az=62.0 BUI 20 05:50:28.0, 22.10N-145.00E, h10km, mb5.1, mb4.7, Ms4.5, Ms24.3

Code	Station Name	°	AZ	Phase	ID	Time	Res
						h m s	ISC
CBIJ	Chichi jima	5.61	334	Pn	Pn	05 51 52.3	-0.2
CBIJ	36nm,0.5s,baz=149,slow=14,SNR=17						
CBIJ	Sn					05 52 54.0	-3.6
MJAR	0.0m,0.3s,baz=130,slow=22,SNR=12					05 54 07.8	-0.4
MJAR	Matsushiro Arr	15.57	339	Pn	P		
MAJO	Matsushiro	15.57	339	P	P	05 54 07.3	-0.9
MDJ	Mudanjiang	25.81	334	P	PCP	05 56 00.0	+0.2
MDJ	comp=N,90nm,22.0s,MS3.5					05 59 27.8	-2.2
MDJ	comp=E,110nm,20.7s,MS3.5						
MDJ	comp=Z,210nm,20.0s,MS3.7						
CN2	Changchun	27.04	328	eP	P	05 56 13.5	+2.4
HHC	Hu-ho-hao-te	33.82	311	eP	AP	05 57 11.5	+0.2
HHC					AP	05 57 18.8	+3.8
HHC					XP	05 57 24.9	+8.3
HHC	comp=Z,10.0nm,1.1s,mb4.7						
HHC	comp=Z,110nm,3.5s						
LZH	Lanzhou	38.28	301	eP	P	05 57 59.5	+1.0
LZH					pP	05 58 05.0	+1.2
LZH					sP	05 58 10.0	+1.6
LZH	Lanzhou	38.28	301	eP	P	05 57 59.5	+1.0
LZH					sP	05 58 10.0	+1.6
LZH					*sP	05 58 05.0	+0.6
SNM	Songino Array	40.13	319	eP	LR		
SNM	comp=Z,0.6nm,0.5s,mb3.5,baz=125,slow=6.1,SNR=4.2					06 14 51.3	
WRAB	Tennant Creek	43.02	195	eP	P	05 58 28.2	-0.4
WRAB	Tennant Creek	43.02	195	eP	P	05 58 28.2	-0.3
WRAB	comp=Z,40nm,1.5s,mb4.9						
WRAB	comp=Z,40nm,1.5s,mb4.9						
WB2	Warramunga Arr	43.03	195	eP	P	05 58 28.3	-0.3
WRA	Warramunga Arr	43.03	195	eP	P	05 58 28.3	-0.3
ZAK	Zakamensk	43.08	321	eP	P	05 58 29.9	+1.3
ZAK	comp=Z,2.0nm,1.1s,mb3.8						
FITZ	Fitzroy Crossi	44.19	207	eP	P	05 58 37.4	-0.6
WMQ	Urumqi	51.64	309	eP	P	05 59 36.8	+1.1
WMQ	comp=Z,110nm,4.5s						
MKAR	Makanchi Array	55.68	312	P	P	06 00 06.1	+0.6
MKAR	comp=Z,1.5nm,0.8s,mb4.1,baz=92,slow=9.5,SNR=6.8					06 01 04.2	-0.7
NVS	Eielson Array	59.90	277	P	P	06 00 18.7	+1.1
ILAR	Eielson Array	59.90	277	P	P	06 00 18.7	-1.9
CHKZ	Chkalovo	63.32	320	eP	P	06 00 58.4	+0.3
BVAR	Borovoye Array	63.47	319	eP	P	06 00 59.7	+0.6
BVAR	comp=Z,1.5nm,0.6s,mb4.4,baz=99,slow=8.6,SNR=9.4						
BRVK	Borovoye	63.54	319	eP	P	06 01 00.1	+0.6
INK	Inuvik	66.56	24	eP	P	06 01 17.6	-1.2
ARCES	ARCES Array B	79.09	342	P	P	06 02 33.9	+1.3
CMB	Columbia Colle	80.20	53	eP	P	06 02 39.3	+0.2
CMB	comp=Z,4.2nm,1.3s,mb4.2						
CMB	Columbia Colle	80.20	53	eP	P	06 02 39.3	+0.2
CMB	comp=Z,4.0nm,1.3s,mb4.2						
JOF	Joensuu	80.69	335	eP	P	06 02 40.3	-0.9
JOF	comp=Z,1.8nm,0.4s,mb4.3						
NVAR	Mina Array Bea	81.60	52	eP	P	06 02 47.5	+1.1
NVAR	comp=Z,2.4nm,0.8s,mb4.2,baz=272,slow=3.5,SNR=26						
ELK	Elko	82.92	49	eP	P	06 02 53.6	+0.4
ELK	comp=Z,4.5nm,1.0s,mb4.5						
ELK	Elko	82.92	49	eP	P	06 02 53.6	+0.4
ELK	comp=Z,4.0nm,1.0s						
KAF	Kangasniemi	83.08	335	eP	P	06 02 52.3	-1.3
KAF	comp=Z,5.6s,slow=4.8						
FINES	FINES Array B	83.56	335	P	P	06 02 55.4	-0.7
FINES	comp=Z,2.3nm,0.5s,mb4.5,baz=58,slow=5.1,SNR=23						
DAU	Danielis Canyon	85.48	48	eP	P	06 03 08.5	+0.6
PDAR	Pinedale Array	85.94	45	eP	P	06 03 08.7	+0.2
PDAR	comp=Z,0.8nm,0.7s,mb4.0,baz=288,slow=4.7,SNR=5.6						
SRU	San Rafael	86.90	49	eP	P	06 03 13.9	+0.7
SRU	comp=Z,4.3nm,0.8s,mb4.0						
SRU	San Rafael	86.90	49	eP	P	06 03 13.9	+0.7
SRU	comp=Z,4.0nm,0.8s,mb4.0						
PV10	Paradox Valley	88.26	49	eP	P	06 03 20.2	+0.4
PV10	Paradox Valley	88.26	49	eP	P	06 03 22.3	+0.4
HFS	Hagfors	89.02	338	eP	P	06 03 21.6	-1.3
HFS	comp=Z,1.3nm,0.6s,mb4.4,baz=108,slow=4.6,SNR=9.7						
NB2	NORSAR Subarra	89.19	339	P	P	06 03 22.7	-1.0
NB2	comp=Z,0.5nm,0.5s,mb4.1,baz=45,slow=4.3						
NOA	NORSAR Array B	89.19	339	P	P	06 03 23.4	-0.3
NOA	comp=Z,0.7nm,0.6s,mb4.2,baz=45,slow=5.0,SNR=4.2						
NAO	NORSAR Subarra	89.48	339	P	P	06 03 22.7	-2.3
NAO	comp=Z,0.5nm,0.5s,mb4.1						
NAO	NORSAR Subarra	89.48	339	P	P	06 03 22.7	-2.3
NAO	comp=Z,1.0nm,0.5s,mb4.4						
TXAR	Lajitas Array	96.47	55	P	P	06 03 58.7	+0.7
TXAR	comp=Z,0.4nm,0.8s,mb3.9,baz=18,slow=4.0,SNR=3.7						
TXAR	Lajitas Array	96.47	55	P	P	06 03 58.7	+0.7
TXAR	comp=Z,0.4nm,0.8s,mb3.9,baz=18,slow=4.0,SNR=3.7						
SNAA	Sanaz	127.07	192	eP	PKPdf	06 09 35.2	-2.0
VNA2	Neumayer-Watz	128.54	191	eP	PKPdf	06 09 35.4	-1.6
VNA3	Neumayer Olymp	128.66	190	eP	PKPdf	06 09 35.2	-2.0
VNA1	Neumayer-Stat	128.93	191	eP	PKPdf	06 09 36.4	-1.3
PLCA	Paso Flores	144.74	130	PKP	PKPdf	06 10 05.2	-1.2
PLCA	comp=Z,2.0s,slow=3.8,SNR=12						
LPAZ	La Paz	148.24	85	eP	PKP	06 10 17.0	+3.2
LPAZ	comp=Z,4.9nm,0.6s,baz=288,slow=1.6,SNR=25						
LPAZ	La Paz	148.24	85	eP	PKP	06 10 16.6	+2.7
SAML	Samuel	149.96	69	eP	PKP	06 10 19.2	+2.5

Code	Station Name	°	AZ	Phase	ID	Time	Res
						h m s	ISC
AFI	Afiamaul	8.31	45	P	P	07 05 53.1	-0.6
AFI	comp=Z,0.3s,baz=34,slow=5.9,SNR=9.4						
AFI	Afiamaul	8.31	45	P	S	07 05 28.6	+1.2
AFI	comp=Z,2.48nm,slow=21,SNR=2.1						
RAO	Raoul Islds	9.33	180	P	P	07 07 48.8	-0.4
RAO	comp=Z,0.3s,baz=83,slow=23,SNR=7.1						
DZM	Mont Dzumac	14.83	259	P	P	07 07 13.7	+4.3
DZM	comp=Z,0.3s,baz=79,slow=16,SNR=98						
NOUC	Port Laquerre	14.96	259	P	P	07 07 14.7	+3.9
URZ	Urewera	16.83	192	P	P	07 07 50.5	+0.3
URZ	comp=Z,0.3s,baz=289,slow=2.0,SNR=31						
URZ	Urewera	16.83	192	P	S	07 11 01.6	+1.2
URZ	1.5nm,0.3s,baz=90,slow=21,SNR=9.0						
SNZO	South Karori	22.28	195	eP	P	07 08 21.9	-1.6
HNR	Honiara	23.83	293	eP	P	07 08 35.4	-2.5
RPZ	Rata Peaks	25.52	199	P	P	07 08 56.1	+3.1
RPZ	1.6nm,0.6s,baz=45,baz=75,slow=3.5,SNR=4.4						
ANB	Armidale	29.47	243	eP	P	07 09 29.6	+1.4
CRNB	Canberra Magne	32.65	235	eP	P	07 09 56.0	+0.2
CRNB	20nm,0.8s,mb4.4						
CTA	Charters Tower	33.69	263	eP	P	07 10 05.7	+1.2
CTA	12nm,0.3s,mb4.6						
CTAO	Charters Tower	33.69	263	eP	P	07 10 05.7	+1.2
CTAO	12nm,0.3s,mb4.6						
TOO	Toolang	36.38	233	eP	P	07 10 27.3	+0.4
TOO	4.3nm,0.5s,mb3.9						
STKA	Stevens Creek	38.18	243	P	P	07 10 42.7	+0.8
STKA	12nm,0.6s,mb4.3						
STKA	Stevens Creek	38.18	243	P	P	07 10 42.8	+0.9
STKA	15nm,0.5s,mb4.5,baz=91,slow=10.0,SNR=36						
ASPA	Alice Springs	44.80	256	eP	P	07 11 35.3	-0.1
WRB	Warramunga Arr	44.81	261	eP	S	07 11 34.8	-0.8
WRB	comp=Z,0.3s,mb4.0,baz=96,slow=7.2,SNR=175						
WRA	Warramunga Arr	44.81	261	P	P	07 11 35.3	-0.4
WRA	3.6nm,0.3s,mb4.0,baz=96,slow=7.2,SNR=175						
WRA	1.0nm,0.8s,baz=97,slow=14,SNR=4.3						
KAKA	Kakadu	48.10	271	eP	P	07 12 19.7	+1.9
KAKA	6.4nm,0.3s,mb4.3						
FORT	Forrest	49.67	246	eP	P	07 12 11.6	-1.1
FORT	3.2nm,0.5s,mb4.3						
FITZ	Fitzroy Crossi	53.25	262	eP	P	07 12 38.9	+0.2
FITZ	3.5nm,0.4s,mb4.0						
KLBR	Kellerberrin	58.44	245	eP	P	07 13 14.0	-1.5
KLBR	1.5nm,0.3s,mb4.3						
SBA	Scott Base	58.50	184	eP	P	07 13 15.6	+0.4
VNDA	Vanda	58.54	185	eP	P	07 13 14.9	-0.6
VNDA	2.6nm,0.7s,mb3.8						
MJAR	Matsushiro Arr	69.79	323	P	P	07 14 27.6	-0.4
MJAR	comp=Z,0.3s,mb4.7,baz=101,slow=11.1,SNR=28						
MAT	Matsushiro	69.80	323	P	P	07 14 27.8	-0.3
MAT	6.8nm,0.7s,mb4.5						
MAT	Matsushiro	69.80	323	P	P	07 14 28.0	-0.1
MAT	6.8nm,0.7s,mb4.5						
QSPA	South Pole Qui	70.19	180	eP	P	07 14 29.5	-0.3
QSPA	6.8nm,0.7s,mb4.5						
SAO	San Andreas Ge	77.48	43	eP	P	07 15 12.1	-0.1
SAO	8.7nm,0.9s,mb4.5						
PTMR	Trisselmann Ran	77.64	45	eP	P	07 15 13.0	-0.1
MWC	Mount Wilson	78.27	46	eP	P	07 15 16.4	-0.2
ISA	Isabella	78.80	46	eP			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like OBKA Obir, LNSS Leonessa, LBL Lubilch, MEZF Matizieres J'vi, etc.

NEIC 20 10:52:06.5, 28.65S; 70.46W, h87km, MD3.5(GUC), After GUC. GUC 20 10:52:06.5, 1.0, 28.65S; 70.46W, h87km, MD3.5, ML3.4, 2C-2D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CPCH Copiapo, LSPH La Serena, TLL Tololo Astrono, etc.

MAN 20 11:19:22.4, 14.69N; 123.28E, h16km, mb4.3, ML3.2, MS2.9, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GQP Guayanang, GOP, POLP Polilio Island, etc.

IDC 20 12:02:11.4, 1.8, 6.74S; 130.01E, mb3.8/2, mb1 3.9/3, mb1mx3.6/11, mbmp3.8/3, ML3.8/1, Error ellipse: s-maj=144.4km s-min=28.0km az=65.0

ISC 20 12:02:25.7, 3.1, 7.45S; 0.2, 129.5E; 0.3, h139km, 32km, n7, r=161/8, mb3.6/2, Banda Sea

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

CASC 20 12:04:45.6, 2.9, 12.77N; 88.72W, h22km, 18km, MD4.3, ML4.1, mb3.9(NEIC)

NEIC 20 12:04:45.6, 0.5, 13.20N; 88.27W, mb3.9/13, Error ellipse: s-maj=23.4km s-min=6.6km az=48.0

IDC 20 12:04:48.1, 2.5, 13.22N; 88.19W, h79km, 25km, mb3.6/10, mb1 3.8/11, mb1mx3.7/20, mbmp3.9/11, MS3.0/2, mb1 3.0/2, ms1mx2.7/18, Error ellipse: s-maj=39.9km

ISC 20 12:04:47.1, 1.0, 13.05N; 0.10, 88.5W; 0.1, h89km, 9km, n60, r=104/61, mb3.9/2, 13C-13D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like VSM San Miguel, BLM Bellamira, SAN San Vicente, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PDAR, LPAZ La Paz, LPAZ La Paz, REDW Red Top Meadow, etc.

NEIC 20 12:10:00.38, 20N; 144.80E, h87km, Mw4.1 Best double couple: M1.61x10^15 N1p1z218°, 668°, λ-85°. NP2φz27°, δ23°, λ-102°

IDC 20 12:10:03.0, 8.38, 08.08N; 145.00E, mb3.9/13, mb1 4.2/15, mb1mx4.1/23, mbmp3.9/15, ML4.0/2, MS3.3/5, Ms1 3.3/5, ms1mx3.2/18, Error ellipse: s-maj=23.5km s-min=17.4km az=158.0

NEIC 20 12:10:05.2, 0.5, 38.21N; 145.02E, h10km, mb4.1/3, Error ellipse: s-maj=14.8km s-min=6.6km az=150.0

MOS 20 12:10:06.4, 1.1, 38.15N; 144.97E, h33km, mb4.4/2, Error ellipse: s-maj=15.1km s-min=13.7km az=75.2

JMA 20 12:10:08.0, 3.1, 38.17N; 144.77E, h57km, M4.2

ISC 20 12:10:07.6, 0.5, 38.31N; 0.04, 144.84E; 0.04, h33km, n62, r=107/60, mb3.9/18, MS3.4/3, 9C, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

Table with columns: STATION, CODE, TIME, RES, etc. Includes stations like GERS, MNTX, TXAR, SNA, VNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2, JIM2, JOD2, etc.

MOS 20 12:53:01.9-1.1, 53.88N-164.12W, h33km, mb5.0/121, MS5.8/82, Error ellipse: s-maj=6.8km s-min=3.2km az=90.1

NEIC 20 12:53:03.0-0.1, 53.84N-164.09W, h30km, mb5.7/230, ME5.7, MS5.8/149, MW6.0, ML5.8(AEIC), Error ellipse: s-maj=3.4km s-min=2.2km az=188.0 Broadband fault plane solution: P waves: NP1: 60°, 67°, 190°; NP2: 240°, 615°, 190°. Principal axes: T Plg60°, Azm330°; N Plg0°, Azm0°; P Plg30°, Azm150°. Moment Tensor Solution: s70 Moment tensor: Scale 10^18 Nm, M=0.00; M=0.00; M=0.00; M=0.00; M=0.00; M=0.00; Best double couple: M=1.3x10^18 NP1: 235°, 826°, 196°; NP2: 248°, 864°, 187°. Principal axes: T 1.27, Plg71°, Azm313°; N 0.1, Plg2°, Azm50°; P -1.28, Plg19°, Azm140°. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt [V] at False Pass, [IV] at Unalaska and [III] at Akutan and Dutch Harbor.

IDC 20 12:53:02.1-1.6, 53.96N-164.15W, h25km, gkm, mb5.0/23, mb1.5, 1/27, mb1mx5, 1/28, mbtms5, 1/27, ML4.8, MS5.7/47, Ms1.5, 7/47, ms1mx5, 7/48 Error ellipse: s-maj=14.2km s-min=8.5km az=178.0

BJI 20 12:53:03.2, 54.32N-164.72W, h30km, mb6.2, mb5.8, MS6.2, MSz5.9

HRVD 20 12:53:03.0-0.1, 53.75N-163.93W, h32km, MW6.2/92, Centroid moment Tensor Solution. LP body waves: s87,c225:Mantle waves: s92,c377; Half duration: 2s9 Moment tensor: Scale 10^18Nm; Mr: 1.32±.01; M=0.14±.01; M=0.17±.01; M=1.36±.02; M=0.76±.01; M=0.83±.02; Best double couple: M=2.146x10^18 NP1: 244°, 621°, 194°. NP2: 659°, 669°, 188°. Principal axes: T 2.028, Plg66°, Azm326°; N 2.39, Plg2°, Azm60°; P -2.264, Plg24°, Azm150°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

BGS 20 12:53:06.5, 54.11N-162.21W, h33km, mb5.5

SKO 20 12:53:08.8, 56.52N-164.80W

ISC 20 12:53:03.0-0.3, 53.86N-164.04W-0.02, h41km, 2km, h38km, 2.8km:pp-P, n1210, n1814/1140, mb5.7/330, MS5.8/213, 119C-44D, Unimak Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WESN, WFAR, WPOG, AKUT, etc.

2005 NOV

Table with columns: SMY, IMA2, THY, FX1, etc. Includes stations like Indian Mountain, Trims Highway, Attu Island-F, etc.

20d 12h

Table with columns: YBH, YREKA, etc. Includes stations like Yreka Blue Hor, Yreka Blue Hor, etc.

GLAT	Glass	53.10	77	eP	P	13 02 17.2	-1.1
NATX	Nacogdoches	53.15	85	eP	P	13 02 16.6	-2.1
NATX	comp-Z,132nm,1.1s,mb5.8						
MOY	Moody	53.25	309	eP	Pmax	13 02 17.9	-1.3
SONM	Songino Array	53.25	303	P	P	13 02 18.2	-1.0
SONM	comp-Z,39nm,1.1s,mb5.3,baz=40,slo=5.6,SNR=104					13 03 25.8	-0.8
SONM	comp-Z,25nm,0.8s,baz=42,slo=1.6,SNR=5.0					13 07 23.2	
SONM	comp-Z,2.0nm,0.9s,baz=18,slo=4.6,SNR=2.8					13 09 46.5	+0.6
SONM	comp-Z,1.3nm,1.0s,baz=56,slo=10,SNR=3.0					13 28 10.1	
SONM	comp-Z,28um,18.2s,MS6.3,baz=44,slo=40					13 39 41.3	
SONM	comp-Z,1.1nm,0.8s,baz=66,slo=3.0,SNR=9.5					13 02 18.2	-1.0
SONM	Songino Array	53.45	73	eP	P	13 02 18.3	-2.6
HALT	Halls	53.32	78	eP	P	13 02 18.1	-1.9
WCI	Wyandotte Cave	53.45	73	eP	P	13 02 18.3	-2.6
WCI	comp-Z,9um,20.0s,MS5.8						
WCI	Wyandotte Cave	53.45	73	eP	Pmax	13 02 18.3	-2.6
WCI	comp-Z,29nm,0.8s,mb5.3						
WCI	comp-Z,9um,20.0s,MS5.8						
ACSO	Alum Creek Sta	53.92	69	eP	P	13 02 21.5	-2.9
ACSO	comp-Z,20nm,1.0s,mb5.0						
WVT	Waverly	54.03	76	eP	P	13 02 22.3	-2.9
WVT	comp-Z,122nm,1.1s,mb5.8						
WVT	comp-Z,8um,20.0s,MS5.8						
WVT	Waverly	54.03	76	eP	Pmax	13 02 22.3	-2.9
WVT	comp-Z,122nm,1.1s,mb5.7						
JMJC	Jan Mayen	54.23	10	LR	LR	13 27 20.0	
OXF	Oxford	54.26	79	eP	P	13 02 24.0	-2.9
OXF	comp-Z,295nm,1.0s,mb6.2						
OXF	comp-Z,10um,21.0s,MS5.9						
OXF	Oxford	54.26	79	eP	Pmax	13 02 24.0	-2.9
OXF	comp-Z,295nm,1.0s,mb6.2						
OXF	comp-Z,10um,21.0s,MS5.9						
ERPA	Erie	54.26	66	PFAKE	LR	13 02 40.0	+1.3
ERPA	comp-Z,9um,20.0s,MS5.8						
ALLY	Allegheny Colle	54.50	66	eP	P	13 02 26.4	-2.1
HHC	Hu-ho-hao-te	55.34	293	iP	P	13 02 33.3	-1.3
HHC	AP					13 02 46.9	+0.5
HHC	XP					13 02 51.8	+0.7
HHC	PCP					13 03 32.5	-2.2
HHC	PP					13 04 38.4	-1.5
HHC	SCP					13 07 26.3	
HHC	P					13 07 32.3	
HHC	S					13 10 12.9	-1.2
HHC	SS					13 12 13.9	-2.9
HHC	SS					13 13 57.0	-1.6
HHC	comp-Z,130nm,1.3s,mb5.8						
HHC	comp-Z,2um,7.2s						
HHC	comp-N,11um,18.0s,MS6.1						
HHC	comp-E,12um,19.2s,MS6.1						
HHC	comp-Z,16um,18.0s,MS6.1						
LOZ	Lake Ozonia	55.39	60	eP	P	13 02 31.8	-3.2
TIA	Tai'an	55.49	286	eP	P	13 02 32.0	-3.8
TIA	comp-Z,90nm,1.1s,mb5.7					13 10 14.6	-1.6
TIA	comp-Z,2um,5.0s						
TIA	comp-N,12um,20.0s,MS6.0						
TIA	comp-E,6um,20.0s,MS6.0						
FRNY	Flat Rock	55.75	59	eP	P	13 02 34.2	-3.3
JOW	Kunigami	55.76	269	LR	LR	13 24 50.3	
JOW	comp-E,3um,20.2s,MS5.3,baz=218,slo=34						
SWET	Sewanee	55.77	76	eP	P	13 02 33.4	-4.4
NCB	Newcomb	56.02	61	eP	P	13 02 36.6	-2.9
NCB	comp-E,42nm,0.8s,mb5.5						
NCB	comp-Z,6um,19.0s,MS5.7						
MCWV	Mont Chateau	56.05	68	eP	P	13 02 37.2	-2.6
MCWV	comp-Z,68nm,1.1s,mb5.6						
MCWV	comp-Z,8um,21.0s,MS5.8						
TZTN	Tazewell	56.19	73	eP	P	13 02 38.2	-2.6
MIV	Minville/With	56.31	60	eP	P	13 02 38.3	-3.2
BTO	Beotou	56.34	294	eP	P	13 02 40.4	-1.4
BCTO	comp-Z,290nm,0.9s,mb6.3						
COOPER	Cooper Cave	56.41	75	eP	P	13 02 39.4	-3.1
KEV	Kevo	56.43	355	eP	P	13 02 39.4	-2.7
KEV	comp-Z,31nm,0.5s,mb5.6						
KEV	comp-Z,11um,20.0s,MS6.0						
KEV	Kevo	56.43	355	eP	Pmax	13 02 39.4	-2.7
KEV	comp-Z,31nm,0.5s,mb5.6						
KEV	comp-Z,11um,20.0s,MS6.0						
GUMO	Guam	56.65	245	LR	LR	13 22 30.2	
GUMO	comp-Z,3um,21.8s,MS5.4,baz=46,slo=31						
GUMO	Guam	56.65	245	PFAKE	LR	13 03 00.0	+1.6
SFJM	Santa Fe	56.66	101	eP	P	13 02 45.3	+0.9
ARCES	ARCESS Array B	56.72	356	P	P	13 02 41.5	-2.7
ARCES	comp-Z,27nm,0.7s,mb5.4,baz=12,slo=8.0,SNR=140					13 03 38.7	-1.0
ARCES	comp-Z,28nm,0.7s,slo=3.6,SNR=6.5					13 29 43.8	
ARCES	comp-Z,10um,19.3s,MS5.9,baz=4.0,slo=39					13 02 41.5	-2.7
ARCES	ARCESS Array B	56.72	356	P	P	13 03 38.7	-1.0
ARCES	comp-Z,10um,19.3s,MS5.9,baz=4.0,slo=39					13 02 41.4	-2.7
AREO	ARCESS Array S	56.72	356	eP	P	13 02 42.6	-2.0
ACCN	Adirondack Com	56.72	61	eP	P	13 02 41.8	-3.0
TRO	Tromso	56.80	359	eP	P	13 02 44.9	
TRO	comp-Z,139nm,1.5s,mb5.8						
TRO	Tromso	56.80	359	eP	P	13 02 41.8	-3.0
TRO	comp-Z,139nm,1.5s,mb5.8						
SSE	Sheshan	56.81	278	P	P	13 02 44.1	-1.2
SSE	comp-Z,139nm,1.5s,mb5.8					13 04 50.4	-2.9
SSE	comp-Z,200nm,1.3s,mb6.0					13 10 29.4	-4.4
SSE	comp-Z,2um,7.0s					13 14 17.8	-5.3
SSE	comp-N,4um,29.2s,MS5.5						
SSE	comp-E,4um,29.2s,MS5.5						
SSE	comp-Z,8um,30.0s,MS5.7						
SSE	Sheshan	56.81	278	P	P	13 02 44.1	-1.2
SSE	comp-Z,200nm,1.3s,mb6.0					13 03 07.0	+5.1
SSE	comp-Z,2um,7.0s					13 04 50.4	-2.9
SSE	comp-N,4um,29.2s,MS5.5					13 10 29.4	-4.4
SSE	comp-E,4um,29.2s,MS5.5					13 10 57.6	
SSE	comp-Z,8um,30.0s,MS5.7					13 14 17.8	-5.3
FWV	Forest Hill	56.99	70	eP	P	13 02 43.4	-3.1
LBNH	Lisbon	57.01	59	eP	P	13 02 45.3	-1.3

LBNH	comp-Z,35nm,1.0s,mb5.3						
LBNH	Lisbon	57.01	59	eP	Pmax	13 02 45.3	-1.3
LBNH	comp-Z,35nm,1.0s,mb5.3						
LBNH	comp-Z,8um,19.0s,MS5.9						
TIY	Taiyuan	57.06	290	iP	P	13 02 43.0	-4.1
TIY	comp-N,17um,21.0s					13 02 45.2	-3.3
ELN	Prospectdale	57.27	70	eP	P	13 02 47.0	-1.4
KTK1	Kautokeino	57.32	357	eP	P	13 02 47.0	-1.4
KTK1	comp-Z,114nm,1.3s,mb5.7						
KTK1	Kautokeino	57.32	357	eP	P	13 02 47.0	-1.4
KTK1	comp-Z,114nm,1.3s,mb5.7						
BLA	Blacksburg	57.47	70	eP	P	13 02 47.5	-2.4
BLA	comp-Z,59nm,0.9s,mb5.6						
BLA	Blacksburg	57.47	70	eP	Pmax	13 02 47.5	-2.4
BLA	comp-Z,9um,20.0s,MS5.9						
BLA	comp-Z,58nm,0.9s,mb5.6						
NJ2	Nanjing	57.47	281	eP	P	13 02 48.9	-1.1
NJ2	comp-Z,40nm,0.6s,mb5.6					13 04 50.0	-0.3
NJ2	comp-Z,660nm,10.0s					13 10 42.0	-0.5
NJ2	comp-N,15um,23.6s,MS6.2						
NJ2	comp-E,14um,21.2s,MS6.2						
NJ2	comp-Z,8um,25.8s,MS5.7						
MVL	Millersville	57.71	65	eP	P	13 02 48.6	-3.0
LVZ	Lovozero	57.76	352	iP	P	13 02 50.6	-1.0
LVZ	comp-N,92nm,0.9s					13 11 02.5	+1.7
LVZ	comp-E,34nm,0.9s					13 14 42.8	+4.7
LVZ	comp-Z,241nm,0.9s,mb6.2						
LVZ	comp-N,78nm,0.9s						
LVZ	comp-E,44nm,0.9s						
LVZ	comp-Z,233nm,0.9s,mb6.2						
LVZ	comp-Z,10um,17.0s,MS6.0						
LVZ	comp-N,7um,18.0s,MS6.0						
LVZ	comp-E,8um,19.0s,MS6.0						
APA	Apatity	58.19	352	iP	P	13 02 53.5	-1.0
APA	comp-Z,2um,8.0s					13 03 45.4	
APA	comp-Z,8um,17.0s,MS5.9					13 05 04.0	
APA	comp-Z,9um,19.1s,MS5.9,baz=37,slo=39					13 05 04.0	-4.5
APA	comp-Z,65nm,1.2s,mb5.5					13 10 48.0	-3.4
APA	comp-Z,2um,8.0s						
BORG	Borgarnes	58.29	18	LR	LR	13 30 32.8	
BORG	comp-Z,9um,19.1s,MS5.9,baz=37,slo=39						
BORG	Borgarnes	58.29	18	LR	P	13 02 53.6	-1.7
LOF	Lofoten	58.31	1	eP	P	13 02 55.9	+0.5
LOF	comp-Z,115nm,1.3s,mb5.8					13 03 00.3	
LOF	Lofoten	58.31	1	eP	P	13 02 55.9	+0.5
LOF	comp-Z,115nm,1.3s,mb5.8						
NVS	Novosibirsk	58.34	321	iP	P	13 02 54.0	-1.8
NVS	comp-Z,167nm,2.2s,mb5.7					13 03 45.7	
NVS	comp-N,118nm,2.1s					13 05 13.6	
NVS	comp-Z,9um,20.0s,MS5.6					13 10 50.4	-3.2
NVS	comp-Z,167nm,2.2s,mb5.7					13 12 39.3	
NVS	comp-N,118nm,2.1s						
NVS	comp-E,90nm,1.9s						
NVS	comp-N,72nm,1.9s						
NVS	comp-Z,57nm,1.9s,mb5.3						
NVS	comp-E,71nm,2.4s						
NVS	comp-N,46nm,1.1s,mb5.6						
NVS	comp-E,32nm,1.8s						
MOIG	Morelia	58.37	100	iP	P	13 02 56.9	+0.4
CPNY	Central Park	58.42	63	eP	P	13 02 54.7	-1.8
HRV	Harvard-Oak R	58.44	60	eP	P	13 02 55.1	-1.5
HRV	comp-E,12nm,0.9s,mb4.9						
HRV	comp-Z,5um,20.0s,MS5.6						
HRV	Harvard-Oak R	58.44	60	eP	Pmax	13 02 55.1	-1.5
HRV	comp-Z,12nm,0.9s,mb4.9						
HRV	comp-Z,5um,20.0s,MS5.6						
CBN	Corbin	58.44	67	eP	P	13 02 55.2	-1.5
CBN	comp-Z,13um,20.0s,MS6.0						
ZAL	Zalesovo	58.45	320	P	P	13 02 54.6	-1.9
ZAL	comp-Z,9.2nm,0.6s,mb5.0,baz=71,slo=7.8,SNR=57					13 03 47.0	+0.3
ZAL	comp-Z,13nm,0.7s,baz=46,slo=5.9,SNR=8.6					13 31 33.1	
GOGA	Godfrey	58.48	75	eP	P	13 02 54.0	-3.1
GOGA	comp-Z,62nm,1.2s,mb5.5						
GOGA	comp-Z,10um,21.0s,MS5.9						
GOGA	Godfrey	58.48	75	eP	Pmax	13 02 54.0	-3.0
GOGA	comp-Z,62nm,1.2s,mb5.5						
GOGA	comp-Z,10um,21.0s,MS5.9						
WES	Weston	58.64	60	eP	P	13 02 55.8	-2.3
WES	comp-Z,100nm,0.9s,mb5.8						
WES	comp-Z,7um,20.0s,MS5.8						
WES	Weston	58.64	60</				

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dylm, Dubki, Karany, Tenskaya, etc.

SKHL 20 14:44:28.6-0.6, 52.46N, 131.48E, h10km, 2km, mb4.4/6, 1C-1D, Southeastern Siberia

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

WEL 20 14:55:46.7-0.6, 35.67S, 178.22E, h184km, 11km, ML3.6/8, Error ellipse: s-maj=13.6km s-min=9.8km az=90.0, Off east coast of North Island

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Matakaoa Point, Puketiti, Matawai, etc.

IDC 20 15:00:41.8-1.4, 34.79N, 72.81E, mb3.8/6, mb1 3.9/9, m1mx3.6/22, mbtmp3.8/9, ML3.4/3, Error ellipse: s-maj=34.6km s-min=23.6km az=47.0

NDI 20 15:00:42.3-2.9, 34.72N, 72.96E, h10km, ML3.2

NEIC 20 15:00:42.9-1.3, 34.71N, 72.77E, h10km, mb3.0/1, Error ellipse: s-maj=21.2km s-min=18.0km az=144.0

NNC 20 15:00:51.2-6.8, 35.38N, 72.31E, mpv3.6, Error ellipse: s-maj=70.5km s-min=53.8km az=105.0

ISC 20 15:00:43.1-0.5, 34.69N, 0.05-73.02E, 0.09, h33km, n24, r121/32, mb3.7/5, 2C-3D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Thein Dam, Sundarnagar, Kalpa, etc.

IDC 20 15:09:46.9-2.1, 47.78N, 147.03E, h431km, 36km, mb2.8/5, mb1 3.0/7, mb1mx2.8/22, mbtmp3.6/7, Error ellipse: s-maj=44.8km s-min=19.1km az=167.0

NEIC 20 15:09:47.3-1.0, 47.77N, 146.98E, h441km, 14km, mb3.5/2, Error ellipse: s-maj=21.7km s-min=15.4km az=141.0

JMA 20 15:09:47.0-0.5, 47.24N, 147.33E, h49km, Error ellipse: s-maj=19.46km s-min=14.7km az=149.0

ISC 20 15:09:46.4-0.7, 47.31N, 0.09-147.1E, 0.2, h460km, 9km, n28, r121/34, mb3.3/6, 1C, Northwest of Kuril Islands

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

NEIC 20 15:14:55.4-1.4, 6.28S, 147.67E, h74km, 13km, mb3.3/3, Error ellipse: s-maj=14.2km s-min=9.5km az=136.0

IDC 20 15:14:55.2-3.5, 6.23S, 147.78E, h75km, 35km, mb3.9/5, mb1 4.1/9, mb1mx3.9/15, mbtmp4.2/9, ML3.9/4, MS4.0/2, Ms1 4.0/2, ms1mx3.3/21, Error ellipse: s-maj=35.7km s-min=21.0km az=126.0

ISC 20 15:14:54.0-2.2, 6.25S, 0.1-147.7E, 0.1, h80km, 21km, n24, r150/23, mb3.9/5, 2C, Eastern New Guinea region

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

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

MOS 20 15:31:26.3-0.9, 8.17S, 111.73E, h94km, mb4.4/8, Error ellipse: s-maj=21.8km s-min=9.4km az=113.8

BUI 20 15:31:34.6-1.8, 20S, 111.80E, h153km, mb4.9, mb4.8

NEIC 20 15:31:34.6-1.6, 8.21S, 111.78E, h153km, 15km, mb4.6/13, Error ellipse: s-maj=12.7km s-min=6.2km az=55.0

IDC 20 15:31:34.0-3.3, 8.22S, 111.80E, h144km, 29km, mb4.1/12, mb1 4.2/13, mb1mx4.1/16, mbtmp4.5/13, Error ellipse: s-maj=19.1km s-min=12.9km az=64.0

ISC 20 15:31:33.4-1.5, 8.25S, 0.06-111.75E, 0.08, h158km, 14km, n76, r193/77, mb4.5/36, 3C-2D, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuching, Kinabalu, Fityz Crossi, etc.

ISC 20 15:31:33.4-1.5, 8.25S, 0.06-111.75E, 0.08, h158km, 14km, n76, r193/77, mb4.5/36, 3C-2D, Jawa

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

ISC 20 15:31:33.4-1.5, 8.25S, 0.06-111.75E, 0.08, h158km, 14km, n76, r193/77, mb4.5/36, 3C-2D, Jawa

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HHC, MAT, THN, WMQ, ZAK, KZA, TKMZ, UCH, MKAR, KBK, AAK, AML, EKS2, USP, OPO, KURK, ZAL, NVS, MAW, BRVK, CHKZ, ATD, SYO, TIXI, BOSA, BILL, OBN, AKASG, FINES.

NEIC 20 15:31:49.8, 18.00N-68.29W, h120km, MD3.7(RSPR), After RSPR. RSPR 20 15:31:49.8, 18.00N-68.29W, h120km, 2km, MD3.7/11, MD3.7/11, 9C-3D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRPR, MGP, AOPR, CELP, ICM, SJC, SJG, CPD, HUMP, MTP.

IDC 20 15:32:36.0-0.4, 14.03S-73.30W, h91km, 3km, mb4.3/21, mb1.4/5/23, mb1mx4.4/26, mbmp4.6/23, MS3.9/3, Ms1.3/9/3, ms1mx3.4/25, Error ellipse: s-maj=14.9km s-min=9.0km az=58.0

BUI 20 15:32:36.0, 14.00S-73.20W, h89km, mb5.5, Ms5.7, Ms25.4

NEIC 20 15:32:36.0-0.2, 14.03S-73.21W, mb4.8/55, Error ellipse: s-maj=9.3km s-min=3.7km az=58.0

NEIC Fall III at Andahuaylas

ISC 20 15:32:34.3-0.2, 14.05S-0.04-73.37W-0.05, h89km, h89km, 7km; p-P, n165, o:090/133, mb4.7/72, 9C-3D, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARE, NNA, LPAZ, LPAZ, LPAZ, LPAZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ, SAM, SIV, TLL, CFAA, ROSC, MDZ, CPUP, FCH, SDV, BDFB, BAO, TRQA, PLCA, PLCA, JTS, JTS, RPN, USHA, SWET, ELN, LTX, TXAR, TXAR, WCI, WMOK, WMOK, CCM, CCM, MNTX, ANMO, ANMO, SADO, SADO, WUAZ, ISCO, PV01, SMCO, PV10, BAR, PFO, NEN, SNU, MSU, MSU, TMUT, ARUT, RSSD, RSSD, DAU, TPNV, TCUT, DUG, PDAR, PDAR, PDAR, HWUT, SPUT, HVU, RTMUT, LOHW, MOOW, ELK, ELK, ELK, ULM, ULM, NVAR, NVAR, IMW, LKWy, LRV, DGMT, CMB, VNA3, HLID, VNA1, MCMT, SCHO, SCHO, VNA2, OCHR, MOD, SNA3, SNA3, SNA4, LSC, LSC.

NEIC 20 15:31:49.8, 18.00N-68.29W, h120km, MD3.7(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIC, BMO, DBIC, EDM, GSPA, EVO, YKA, YKA, VNA, VNA, ESDC, ESLS, SYO, SYO, DLBC, DLBC, DLBC, TSUM, SJPF, ROSF, ERF, ERF, MFF, MFF, SUMC, SUMC, FLN, FLN, RJF, LDF, CAF, TCF, LASF, AVF, SSV, SSV, SMF, SMF, LOR, SMRF, LMR, FRF, INK, INK, MAW, MAW, MBDF, MBDF, CABF, LPL, LPL, LFG, HAU, ILAR, ILAR, GERES, GERES, STKA, STKA, CHKZ, ASPA, WB2, WRA, WRA, WRA, ZAL, ZAL, ZAL, KURK, AAK, MKAR, FITZ, FITZ, MJAR, MJAR, MAT, MAT, WMQ, WMQ, WMQ, WMQ, WMQ, CN2, CN2, ULN, ULN, ULN, SONM, SONM, SONM, THN, KHET, POO, KUDL, AYAN, SONA, KS15, HYB, HYB, GUN, LZH, LZH, LZH, LSA, LSA.

IDC 20 15:56:24.3-1.5, 34.60N-73.39E, mb3.9/4, mb1.4/0.7, mb1mx3.6/21, mbtmp3.8/7, ML3.6/3, Error ellipse: s-maj=45.4km s-min=23.7km az=59.0

NEIC 20 15:56:25.9-1.1, 34.55N-73.20E, h10km, mb4.2/1, Error ellipse: s-maj=26.1km s-min=5.1km az=71.0

NDI 20 15:56:25.2-9.1, 34.62N-72.84E, h10km, MD3.6, ML3.6, mb4.2/16(C)

NCC 20 15:56:36.9-16.0, 34.93N-72.23E, h46km, 201km, mpv3.9, Error ellipse: s-maj=131.9km s-min=118.4km az=48.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARE, NNA, LPAZ, LPAZ, LPAZ, LPAZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIC, BMO, DBIC, EDM, GSPA, EVO, YKA, YKA, VNA, VNA, ESDC, ESLS, SYO, SYO, DLBC, DLBC, DLBC, TSUM, SJPF, ROSF, ERF, ERF, MFF, MFF, SUMC, SUMC, FLN, FLN, RJF, LDF, CAF, TCF, LASF, AVF, SSV, SSV, SMF, SMF, LOR, SMRF, LMR, FRF, INK, INK, MAW, MAW, MBDF, MBDF, CABF, LPL, LPL, LFG, HAU, ILAR, ILAR, GERES, GERES, STKA, STKA, CHKZ, ASPA, WB2, WRA, WRA, WRA, ZAL, ZAL, ZAL, KURK, AAK, MKAR, FITZ, FITZ, MJAR, MJAR, MAT, MAT, WMQ, WMQ, WMQ, WMQ, WMQ, CN2, CN2, ULN, ULN, ULN, SONM, SONM, SONM, THN, KHET, POO, KUDL, AYAN, SONA, KS15, HYB, HYB, GUN, LZH, LZH, LZH, LSA, LSA.

IDC 20 15:56:24.3-1.5, 34.60N-73.39E, mb3.9/4, mb1.4/0.7, mb1mx3.6/21, mbtmp3.8/7, ML3.6/3, Error ellipse: s-maj=45.4km s-min=23.7km az=59.0

NEIC 20 15:56:25.9-1.1, 34.55N-73.20E, h10km, mb4.2/1, Error ellipse: s-maj=26.1km s-min=5.1km az=71.0

NDI 20 15:56:25.2-9.1, 34.62N-72.84E, h10km, MD3.6, ML3.6, mb4.2/16(C)

NCC 20 15:56:36.9-16.0, 34.93N-72.23E, h46km, 201km, mpv3.9, Error ellipse: s-maj=131.9km s-min=118.4km az=48.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARE, NNA, LPAZ, LPAZ, LPAZ, LPAZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Chirah Chowk, Cherat, Thain, etc.

NEIC 20 15:57:42.4, 58.36N:133.61W, h5km, ML2.7(AEIC), After AEIC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bessie Mountain, Skagway, Sitka, etc.

THR 20 16:11:06.9, 0.8, 82N:56.88E, h14km, 8km, ML3.7

CSEM 20 16:11:06.5, 0.1, 30.81N:56.80E, h14km, ML3.7, Error ellipse: s-maj=2.6km s-min=2.1km az=41.0

ICD 20 16:11:08.1, 5.5, 31.07N:56.79E, mb3.75, mb1 3.8/6, mb1 mx3.6/21, mbtmp3.7/6, ML3.3/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/21, Error ellipse: s-maj=107.4km s-min=29.6km az=174.0

TEH 20 16:11:09.2, 30.86N:56.74E, h10km, Mn4.1

NEIC 20 16:11:09.2, 30.86N:56.74E, h10km, mb3.7/3, ML4.1(TEH), After TEH

ISC 20 16:11:05.5, 1.2, 30.85N:0.03, 56.81E:0.04, h3km, 10km, n60, c1911/64, mb3.7/3, 3C-2D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRBR, IBAF, IMEH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IVRN, IKRD, IMYA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like UMR, BSY, BSYO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RDF, WBK, NAY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NAY, WHFO, ABTO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AAK, AKT, AKTK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKTO, BRVK, BVAR, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKAS, ZAL, GERES, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IBAF, ICHK, IMEH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRBR, IBAF, IMEH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JMA, JOGS, JOKS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BSO4, BSO4, BSO4, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUN, GUM, DMN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LSA, GKN, KOLN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA, MKAR, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ULN, KURK, ZAL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CHKZ, AKTK, AKTO, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKUT, AHB, LVA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like UNV, BALA, MTBL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MINAT, DTN, MCIR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DOL, HAG, PVV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKCE, SDPT, NKPO, etc.

Table of seismic data for stations ASAJ through PRK. Columns include station name, location, time, magnitude, and other parameters.

Table of seismic data for stations KIMD through PRK. Columns include station name, location, time, magnitude, and other parameters.

Table of seismic data for stations SKO through PRK. Columns include station name, location, time, magnitude, and other parameters.

20d 21h

Table with columns for station name, frequency, and other parameters. Includes stations like VISS, SGO, CUC, KECS, VLS, BURAR, etc.

2005 NOV

Table with columns for station name, frequency, and other parameters. Includes stations like PGF, NKC, AKASG, AKASG, CLL, etc.

502

Table with columns for station name, frequency, and other parameters. Includes stations like MKAR, DBIC, KOLN, GKN, etc.

CASC 2012:37:44:2.8, 13.55N-90.73W, h26km=7km, MD4.1, 7C-11D, Near coast of Guatemala

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like IXG, PCG, NBG, etc.

NEIC 2012:43:42:3.5, 52.08N-7.34E, h10km, ML2.9(LDG), Error ellipse: s-maj=17.7km s-min=6.8km az=192.0

BUG 2012:43:49.4, 51.54N-6.82E, h1km, ML1.8, LDG 2012:43:50.6, 0.1, 51.59N-6.85E, h1km, ML2.9/17, Error ellipse: s-maj=2.7km s-min=1.9km az=42.0, Suspected Mining induced.

CSEM 2012:43:50.9, 0.1, 51.58N-6.85E, h2km, ML2.9/15, Error ellipse: s-maj=1.7km s-min=1.3km az=96.0

BGR 2012:43:50.6, 0.4, 51.52N-6.90E, h1km, ML2.3/6, Error ellipse: s-maj=6.7km s-min=3.3km az=125.0

BNS 2012:43:47.9, 0.3, 51.49N-0.02-6.66E, 0.04, n54, c157/123, 4D, Germany

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like BZER, LAUG, LAUG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like STS Santiago, ELOB Lobios, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like JRY Ryogami san, JTKR Abashiri-Toko, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like OFUJ Ofunato, MIKJ Miyakonagasawa, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like JTMJ Tamagasaki, JTKR Kuro-shima, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KUBR Kubatuba, BEYR Belyugol, and others.

2005 NOV

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like Urumqi, West Dahl East, West Dahl North, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like WESE, WESN, WFPAR, WFOC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like MIYJ, Ichnoseki, Ryogami san, etc.

21 Oct 8h

IDC 21 08:14:02.6:17.0, 5.35Sx154.23E, h110km, 158km, mb3.9/5, mb1.4/1.5, mb1mx3.7/13, mbtmp4.2/5, Error ellipse: s-maj=69.4km s-min=36.3km az=105.0

NEIC 21 08:14:13.2:2.6, 5.50S:154.30E, h211km, 23km, mb4.3/5, Error ellipse: s-maj=25.2km s-min=16.4km az=173.0

ISC 21 08:14:13.0:2.8, 5.65S:154.3E, 0.1, h223km, 25km, n16, s108/16, mb4.1/7, 1C-1D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like PMG, CTA, CTAO, etc.

CASC 21 08:17:00.9:2.9, 14.75N:91.76W, h126km, 18km, MD4.2, ML4.6, mb4.4(NEIC)

IDC 21 08:17:06.9:0.8, 14.95N:91.08W, h129km, 7km, mb3.7/10, LFRS mb1.3/9.13, mb1mx3.8/24, mbtmp4.1/13, MS3.2/2, Ms1.3/2.2, ms1mx2.9/22, Error ellipse: s-maj=27.0km s-min=9.2km az=51.0

MEX 21 08:17:07.1:0.9, 14.90N:91.68W, h126km, 15km, MD4.6 NEIC 21 08:17:07.1, 14.90N:91.68W, h162km, mb4.4/12, MD4.6(MEX), After MEX.

BUI 21 08:17:08.1, 14.90N:91.70W, h162km, mb4.7 ISC 21 08:17:03.7:0.3, 14.65N:104.09E, h127km, 3km, h126km, 2.1km; pP-P, n93, s115/80, mb4.2/19, 10C-14D,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like FUG, IXC, IXC, etc.

JTS JuntasAbangare 7.76 123 P 08 18 53.3 +0.1 comp=E, 3.0nm, 0.3s, baz=304, slow=6.3, SNR=170

JTS JuntasAbangare 7.76 123 ePn P 08 18 55.2 +0.1 comp=E, 1.07nm, 0.6s

JTS FORC Fortuna 7.89 121u P 08 20 20.6 -1.3 PPM Popocatepetl 8.08 304 eP 08 18 57.6 +0.7

CGAG Cerro Gallo 2 8.30 123 eP 08 19 02.7 +0.2 YAIG Yateupac 8.34 301 eP 08 19 04.0 +1.1

ACX Acaapulco 8.36 286 i P 08 19 02.0 -1.5 PRS1 Purisical 8.45 122i eP 08 19 05.4 +1.0

PLG1 Planalito 8.49 287 eP 08 19 03.5 -1.5 UMG Guatemala 8.66 304 i P 08 19 07.9 +0.6

LAJ Bijaqual 8.67 122i eP 08 19 04.4 +2.6 SJS Escuela Geolog 8.69 122i eP 08 19 08.1 +0.5

Table with columns for station call signs (e.g., GYA, HHC, ENH), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like QURS, TATS, KBRCS, etc.

Table with columns for station call signs (e.g., CN2, CLNS, PSZ, QJC), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like Chul'man, Piszkesteto, Ojcow, etc.

Table with columns for station call signs (e.g., TRO, ROBS, KBA, KBA, MOX), frequencies, and signal strength/quality indicators. Includes sub-sections for various stations like Tromso, Robic, Koenbreinsper, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JOW, FNVD, CSNT, DOMB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YSS, ABSA, AVF, PLDF, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PET, EPON, ERON, EADA, etc.

Table with columns: IJKE, Kume jima 2, 4.06 39 eS, Sn, 13 51 51.1 -2.6

STR 21 13:53:51.1-0.2, 48.34N-6.67E, h10km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

BUI 21 13:56:53.0, 18.00S-178.50W, h574km, mB4.6, mB4.3, NEIC 21 13:56:53.0-0.7, 17.96S-178.50W, h575km, mB4.5/3.3

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

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

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

JMA 21 14:23:43.2, 0.2, 23.15N-123.98E, h43km, M3.3, IDC 21 14:23:47.5, 6.2, 24.01N-123.88E, mB3.6, mB1 3/9.6

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

Table with columns for station call letters, name, frequency, and other identifiers. Includes stations like KSP, ALN, VYHS, TRBA, HOOD, etc.

Table with columns for station call letters, name, frequency, and other identifiers. Includes stations like SKO, APE, APE, KHC, KHC, etc.

Table with columns for station call letters, name, frequency, and other identifiers. Includes stations like NAIG, MGER, AGG, FCC, FCC, etc.

Table with columns: Station, Name, Frequency, Power, and Signal. Includes stations like Heimgroev, Auchenoon, Valsamata, Abertoyte, Columbia Colle, etc.

Table with columns: Station, Name, Frequency, Power, and Signal. Includes stations like Basel-Blauen, North Isle of Kwever Farm, Hinterfall, etc.

Table with columns: Station, Name, Frequency, Power, and Signal. Includes stations like Croghan, Toppag Spring, Dugway, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Petit Puy Mans, Simiane la Rot, TAVF Tavernes, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like DRV Dumont d'Urville, ECHA Ech Chlef, ECHF Ech Chlef, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SIV San Ignacio, SIV Villa Florida, SIV comp=Z.7.2nm,0.8s, etc.

BJI 21 16:18:56.8, 10.63N; 125.45E, h95km, mB5.0, mb4.9
MOS 21 16:19:01.7, 11.111N; 125.15E, h106km, mB5.0/16,
Error ellipse: s-maj=13.9km s-min=6.8km az=114.9
IDC 21 16:19:01.8, 0.4.11, 1.14N; 125.21E, h98km, 3km, mb4.6/25,
mbr1.4, 6/25, mblm4.6/26, mbtmp4.9/25, Error ellipse:
s-maj=17.2km s-min=8.8km az=74.0
MAN 21 16:19:02.6, 11.18N; 125.33E, h94km, mB5.5, ML4.5,
MS4.8
MAN INTENSITY IV - MARABUT SAMAR INTENSITY III -
BASEY SAMAR INTENSITY II - TACLOBAN CITY PALO
LEYTE.
NEIC 21 16:19:02.1+0.2, 11.17N; 125.27E, mB5.1/21, Error
ellipse: s-maj=9.3km s-min=5.3km az=68.0
ISC 21 16:00.7, 0.2, 11.20N; 0.02, 125.45E, 0.03, h96km,
mB5.8km; mP-P, n=1923/196, mb4.9/68, 16C-18D,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other technical details. Includes stations like Borongan, Palo, Maasin, Surigao, etc.

Table with columns: PKI, Pulchoki, 14.50 123 ePn P, 17 12 53.1 +1.5, etc. Includes stations like GUN Gumba, KURK Kurchatov, AB31 Akbulak Array, etc.

NEIC 21 17:30:16.3, 15.92N-97.66W, h26km, mb4.6/1, MD4.0(MEX), After MEX.

MEX 21 17:30:16.5, 0.7, 15.93N-97.66W, h26km, 16km, MD4.0, Near coast of Oaxaca

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

LDG 21 17:34:08.7, 0.1, 48.93N-7.86E, h10km, Md2.42, M12.5/6, Error ellipse: s-maj=3.8km s-min=2.1km az=117.0

STR 21 17:34:08.0, 0.2, 48.95N-7.82E, h5km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BGR 21 17:34:08.0, 0.4, 48.92N-7.82E, h10km, ML1.8/3, Error ellipse: s-maj=5.6km s-min=3.3km az=68.0

NEIC 21 17:34:08.7, 48.93N-7.86E, h10km, ML2.5(LDG), ML2.1(STR), After LDG.

CSEM 21 17:34:08.5, 0.1, 48.94N-7.85E, h10km, ML2.6/5, Error ellipse: s-maj=2.3km s-min=1.7km az=119.0

ISC 21 17:34:07.2, 0.4, 48.94N-0.02, 7.82E, 0.03, h15km, 3km, n26, o093/53, France

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

Table with columns: RFFY, Refroy, 1.58 259 ePg Pg, 17 34 38.6 -0.3, etc. Includes stations like RFFY Refroy, MEZF Matzierez J'vi, etc.

MAN 21 17:35:43.5, 4.8, 83N-125.54E, h6km, mb4.4, ML3.2, MS3.0, ISC 21 17:35:42.2, 0.9, 4.9N, 0.1, 125.8E, 0.2, h200km, n7, o098/9, mb4.7/1, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MATI Mati, BUKP Musuan, etc.

IDC 21 17:37:19.4, 2.2, 34.43N-45.66E, mb3.9/6, mb1 4.0/8, mb1mx3.7/23, mbmp3.9/8, ML3.7/1, MS3.1/2, Mst 1 3.1/2, ms1mx2.6/31, Error ellipse: s-maj=35.3km s-min=24.7km az=46.0

THR 21 17:37:19.7, 0.6, 34.37N-45.49E, h14km, 8km, ML3.4, CSEM 21 17:37:19.7, 0.1, 34.35N-45.54E, h15km, mb3.8/4, Error ellipse: s-maj=3.5km s-min=2.4km az=94.0

MOS 21 17:37:21.4, 1.3, 34.29N-45.59E, h33km, mb4.1/6, Error ellipse: s-maj=28.0km s-min=13.0km az=75.9

KISR 21 17:37:23.6, 0.1, 33.86N-45.01E, h33km, ML4.0, NEIC 21 17:37:24.3, 0.5, 34.34N-45.68E, h35km, mb3.9/2, MN3.6(TEH), Error ellipse: s-maj=8.8km s-min=6.1km az=208.0

TEH 21 17:37:25.8, 3.4, 13N-45.92E, h17km, Mn3.6, ISC 21 17:37:19.3, 0.5, 34.28N-0.03, 45.62E, 0.05, h14km, n68, n1940/0, mb3.9/5, MS3.1/2, 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 IDHR Dehrah, IGHG Ghaleghazi, etc.

IKOM Komasi, 1.58 93 Pn Pn, 17 37 50.0 +3.0, SNGE Sanandaj, 1.64 60 ePg Pg, 17 37 50.6 -1.5

MSL Mosul, 2.88 315 ex x, 17 38 11.0 -0.6, SHGR Shooshtar-Gavs, 3.44 128 ePn Pn, 17 38 16.8 +3.2

ASAO Ashtian, 3.66 85 ePn Pn, 17 38 19.0 +2.3, IIRAZ Razeghan, 3.72 71 Pn Pn, 17 38 29.3 -4.3

IMQH Mahdast, 4.38 70 Pn Pn, 17 38 28.4 +1.4, IQOM Qom, 4.54 81 Pn Pn, 17 38 30.2 +1.0

THK Tehran-Karaj, 4.61 68 ePn Pn, 17 38 31.9 -4.4, THKV Tehran-Karaj, 4.61 68 ePn Pn, 17 38 31.0 +0.7

IPIR Pirpir, 4.69 108 Pn Pn, 17 38 31.4 +0.1, CHTH Charan, 4.80 69 ePn Pn, 17 38 34.8 +1.9

CHTH Charan, 4.80 69 ePn Pn, 17 38 34.0 +1.1, GRMI Germi, 4.88 21 ePn Pn, 17 38 34.0 +0.3

GRMI Germi, 4.88 21 ePn Pn, 17 38 34.0 +0.1, UMR Umm Al-Rimmam, 5.04 159 ePn Pn, 17 38 38.2 +1.9

UMR Umm Al-Rimmam, 5.04 159 ePn Pn, 17 38 35.3 +0.3, UMR Umm Al-Rimmam, 5.04 159 ePn Pn, 17 38 38.0 -0.6

IKLH Alah, 5.06 99 Pn Pn, 17 38 36.3 -0.2, NAY Al-Naaiem, 5.20 164 eS Sn, 17 38 40.4 +1.9

NAY Al-Naaiem, 5.20 164 eS Sn, 17 38 37.7 -1.3, IAFJ Dafavand, 5.24 71 Pn Pn, 17 38 40.3 +1.1

IDMV Damavand, 5.43 74 Pn Pn, 17 38 42.4 +0.6, ISFB Sefidabad, 5.48 87 Pn Pn, 17 38 42.5 +0.0

ISFB Sefidabad, 5.48 87 Pn Pn, 17 38 42.5 +0.0, RDF Al-Radifah, 5.58 162 eS Sn, 17 38 45.9 +1.9

RDF Al-Radifah, 5.58 162 eS Sn, 17 38 46.8 -1.8, RDF Al-Radifah, 5.58 162 eS Sn, 17 38 50.2 -0.6

IZEF Zefreh, 5.77 102 Pn Pn, 17 38 46.3 -0.3, IGAR Garneh, 5.88 108 Pn Pn, 17 38 48.3 -2.8

GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.9, GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.9

GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.9, GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.9

GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8, GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8

GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8, GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8

GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8, GNI Garni, 5.90 353 Pn Pn, 17 38 49.3 +0.8

IPAR Pars, 7.00 123 Pn Pn, 17 39 11.9 -1.9, ISRV Sarvestan, 8.03 125 Pn Pn, 17 39 14.8 -3.6

BANOM Banom, 12.44 129 Pn Pn, 17 40 17.1 -1.7, BANOM Banom, 12.44 129 Pn Pn, 17 40 17.1 -1.7

ASHO Ashiyah, 13.19 134 Pn Pn, 17 40 26.9 -1.9, ASHO Ashiyah, 13.19 134 Pn Pn, 17 40 26.9 -1.9

SMDO Samad, 15.61 133 Pn Pn, 17 40 60.0 -0.5, SMDO Samad, 15.61 133 Pn Pn, 17 40 60.0 -0.5

AKTK Aktyubinsk, 18.52 26 Pn Pn, 17 41 35.0 -2.0, AKTO Aktyubinsk, 18.52 26 Pn Pn, 17 41 35.0 -2.0

BVAR Borovoye Array, 25.72 36 Pn Pn, 17 42 50.0 -0.5, BVAR Borovoye Array, 25.72 36 Pn Pn, 17 42 50.0 -0.5

BVAR Borovoye Array, 25.72 36 Pn Pn, 17 42 50.0 -0.5, BVAR Borovoye Array, 25.72 36 Pn Pn, 17 42 50.0 -0.5

MORC Moravsky Berou, 25.77 315 Pn Pn, 17 42 53.5 +2.4, MORC Moravsky Berou, 25.77 315 Pn Pn, 17 42 53.5 +2.4

CHZK Chkalovo, 26.22 35 ePn Pn, 17 42 54.3 -0.9, KURK Kurchatov, 29.05 45 ePn Pn, 17 43 20.7 -0.2

Table with columns: DAVOS Davos, 29.64 306 LR LR, 17 56 21.1, etc. Includes stations like DAVOS Davos, FINES FINESS Array B, etc.

ZAL Zalesovo, 33.73 42 Pn Pn, 17 44 01.4 -0.7, ZAL Zalesovo, 33.73 42 Pn Pn, 17 44 01.4 -0.7

NOA NORSAR Array B, 34.69 331 Pn Pn, 17 44 10.9 +0.7, NOA NORSAR Array B, 34.69 331 Pn Pn, 17 44 10.9 +0.7

ULN Ulanbaatar, 47.07 54 ePn Pn, 17 45 52.8 +0.6, ULN Ulanbaatar, 47.07 54 ePn Pn, 17 45 52.8 +0.6

FXW Attu Island-F, 81.95 29 LR LR, 17 51 38.2, FXW Forest Hill, 92.88 320 ePn Pn, 18 03 33.1 +0.3

MAN 21 17:57:52.4, 14.79N-123.35E, h33km, mb4.3, ML3.2, MS2.9, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GOP Guinayangan, POLP Polilio Island, etc.

NEIC 21 17:51:11.6, 17.34N-94.59W, h161km, MD3.9(MEX), After

MEX 21 17:51:11.6, 1.1, 17.34N-94.59W, h161km, 10km, MD3.9, Chiapas

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

NEIC 21 17:52:32.3, 0.3, 44.84N-111.51W, h5km, ML3.3, MW3.5(SLM), Error ellipse: s-maj=4.3km s-min=3.4km az=59.0, Hebgen Lake region, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QLMT Earthquake Lak, YMR Madison River, etc.

LDG 21 17:54:48.7, 0.6, 15.51S-172.74W, mb4.4/9, mb1 4.6/10, mb1mx4.4/18, mbmp4.4/10, ML4.5/1, MS3.6/3, Mst1 3.6/3, ms1mx3.2/25, Error ellipse: s-maj=32.4km s-min=15.0km az=128.0

NEIC 21 17:54:54.3, 0.3, 15.53S-172.67W, h35km, mb4.4/9, Error ellipse: s-maj=12.7km s-min=8.7km az=132.0

ISC 21 17:54:50.0, 0.4, 15.44S-0.09, 172.8W, 0.1, h18km, 31km, n49, o079/36, mb4.5/18, MS3.8/2, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, RAR Rarotonga, etc.

IDC 21 17:54:48.7, 0.6, 15.51S-172.74W, mb4.4/9, mb1 4.6/10, mb1mx4.4/18, mbmp4.4/10, ML4.5/1, MS3.6/3, Mst1 3.6/3, ms1mx3.2/25, Error ellipse: s-maj=32.4km s-min=15.0km az=128.0

NEIC 21 17:54:54.3, 0.3, 15.53S-172.67W, h35km, mb4.4/9, Error ellipse: s-maj=12.7km s-min=8.7km az=132.0

ISC 21 17:54:50.0, 0.4, 15.44S-0.09, 172.8W, 0.1, h18km, 31km, n49, o079/36, mb4.5/18, MS3.8/2, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, RAR Rarotonga, etc.

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

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

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

NEIC 21 20:40:42.6, 17.78N-102.09W, h5km, MD4.3(MEX), After MEX.

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

NEIC 21 21:50:32.0, 22.63S-68.63W, h129km, mb3.9/2, After GUC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BVAO, BVAO, ABK1, etc.

ISK 21 22:43:45.4, 39.93N-140.74E, h5km, MD3.8, ML3.9.

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

MAN 21 20:54:52.7, 12.23N-123.90E, h18km, mb4.2, ML3.0, MS2.8, 1C, Luzon.

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

NEIC 21 21:53:00, 20.30N-122.20E, h35km, Mw4.2 Best double couple.

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

ISK 21 21:53:41.1, 1.0, 20.06N-122.16E, h43km, 10km, n27, r125/39, mb3.9/6, MS3.0/1, 1D, Philippine Islands.

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

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Dalian, Bodaibo, Tiksi, Taifan, Sheshan, Nanjing, Hu-ho-hao-te, Ulanbator, Songrio Array, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Zalesovo, Novosibirsk, Urumqi, Kunming, Lhasa, Yankou, Yellownknife Ar, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Joensuu, Bilaspur, Mina Array, Earthquake Lak, etc.

Table with columns: TRG, Tyrgan, 5.89 235, e, Pn, 07 59 07.0 +20, 08 00 20.0 +26, etc.

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

ISC 22 08:34:40.4 1.6, 1.35N-98.86E, mb4.2/8, mb1 4.4/8, mb1mx4.0/19, mbtmp4.2/8, Error ellipse: s-maj=89.3km s-min=17.1km az=57.0

NEIC 22 08:34:43.1 0.8, 0.78N-98.17E, h30km, mb4.8/1, Error ellipse: s-maj=26.6km s-min=11.4km az=61.0

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

ISC 22 08:58:14.2 0.4, 0.86N-28.33E, h17km, MD3.0

CSEM 22 08:58:14.2 0.4, 0.86N-28.33E, h17km, MD3.0, After ISK

SOF 22 08:58:22.7 41.93N-28.04E, h10km, MD2.7

ISC 22 08:58:14.0 0.5, 40.86N.0.04-28.29E.0.03, h4km, 5km, n32, e104/38, Turkey

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

Table with columns: EDRB, Edirne, 1.52 311, ePN, Pn, 08 58 41.8 -0.3, etc.

WEL 22 09:10:58.6 0.4, 38.53Sx175.67E, h171km, 3km, ML3.5/15, 2C, Error ellipse: s-maj=3.1km s-min=2.5km az=90.0

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

ISC 22 09:11:42.0 2.1, 1.80N-97.80E, mb4.0/6, mb1 4.1/6, mb1mx3.8/18, mbtmp4.0/6, Error ellipse: s-maj=91.4km s-min=26.8km az=53.0

NEIC 22 09:11:45.2 0.7, 1.64N-97.60E, h30km, mb4.2/2, Error ellipse: s-maj=18.0km s-min=13.1km az=45.0

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

NEIC 22 09:46:09.3 1.31, 90S-70.16W, h112km, MD3.6(GUC), After GUC

GUC 22 09:46:09.3 0.8, 31.90Sx70.16W, h112km, 12km, MD3.6, ML3.3, 2C-2D, Chile-Argentina border region

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

BUI 22 09:48:43.1 14.75S-66.23E, h16km, mb5.6, mb5.0, Ms5.6, Ms2.3

MOS 22 09:48:44.0 1.0, 14.75S-66.81E, h10km, mb5.6/62, MS4.8/15, Error ellipse: s-maj=9.0km s-min=4.4km az=112.7

ISC 22 09:48:44.1 0.5, 14.78S-66.82E, mb4.7/23, mb1 4.7/24, mb1mx4.7/24, mbtmp4.7/24, MS5.2/14, MS1.5/2.14, ms1mx5.0/22, Error ellipse: s-maj=15.7km s-min=14.0km az=33.0

NEIC 22 09:48:46.0 0.2, 14.81S-66.72E, h10km, mb5.4/74, MS4.7/7, Error ellipse: s-maj=6.0km s-min=5.0km az=217.0

HRVD 22 09:48:46.0 0.2, 14.94S-66.83E, h12km, MW5.6/86, Centroid moment tensor solution. LP body waves: s80,c151; Mantle waves: s86,c194; Half duration: 166

SKO 22 09:48:56.8 13.70S-65.59E, ISC 22 09:48:43.7 0.2, 14.87S-66.04E-66.78E.0.03, h10km, (h21km, 1.8km; pP-P), n451, e097/363, mb5.3/132, MS5.2/46, 18C-33D, Mid-Indian Ridge

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

Table with columns: MSEY, comp=Z, 58nm, 1.2s, eSn, S, P, 09 55 31.1 +25, etc.

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

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

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

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

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

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like Suwalki, Armidale, Port Moresby, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Moxa, Grand'Maison, Grenoble, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLR, MUD, Monsted U'grnd, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Mont Dzumac, Urewera, ARMA Armadales, etc.

MEX 22 10:46:01.7... 17.38N-101.28W, h10km, 22km, MD3.6, Near coast of Guerrero

IDC 22 10:49:25.2... 1.3, 0.76S, 121.71E, mb3.8/5, mb1 4.0/5, mb1mx3.8/5, mbtmp3.8/5, Error ellipse: s-maj=155.6km

NEIC 22 10:48:30.0... 0.9, 0.97S, 121.40E, h35km, mb4.2/1, Error ellipse: s-maj=135.0km s-min=10.3km az=62.0, Minahassa Peninsula, Sulawesi

NAO 22 10:48:32.5... 1.5, 59.32N-27.06E, ML2.4, BER 22 10:48:32.5... 3.9, 59.33N-27.17E, ML2.4(NAO), Suspected explosion

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like VSU Vasula, FIAO FINES Array S, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like MARD Mardin, MARD Mardin, BEST Besiri, etc.

NDI 22 11:21:16.1... 3.2, 34.74N-72.00E, h10km, ML3.3, NNC 22 11:21:31.9... 14.0, 35.01N-72.59E, mpv3.8, Error ellipse: s-maj=197.8km s-min=90.8km az=114.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like THN Thein Dam, THN Thein Dam, DLH Dalhousie, etc.

NEIC 22 11:32:22.6... 28.58N-16.71W, h39km, MG4.1(MDD), After MDD, MDD 22 11:32:22.1... 0.6, 28.56N-16.69W, h43km, 6km, mb4.0/11, SC-1D, Error ellipse: s-maj=8.2km s-min=3.4km az=157.0, PRXIMO TT-MODEL: CANARY, Canary Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like CICO Icod de los Vi, CIRAJ Montana Rajada, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ESK Eskdalemuir, ESK Eskdalemuir Ar, etc.

ISK 22 12:12:21.8... 38.23N-26.64E, h26km, MD2.7, ATH 22 12:12:21.6... 38.17N-26.90E, h31km, 1km, MD3.3/3, CSEM 22 12:12:22.9... 0.2, 38.18N-26.77E, h25km, MD2.7, Error ellipse: s-maj=5.2km s-min=2.8km az=98.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like URLA Izmir, URLA Izmir, SMLG Samos, etc.

NIED 22 12:17:00.24... 90N, 122.80E, h130km, Mw4.6 Best double couple: M9.33x10^15 NP1, 263°, 88°, 1.67°; NP2: 0.355°, 578°, 1.6°

JMA 22 12:17:35.6... 0.2, 24.87N-122.83E, h114km, 2km, M4.3, MAN 22 12:18:43.5... 19.62N-121.62E, h1km, mb4.9, ML3.8, MS3.8, ISC 22 12:17:33.7... 0.2, 24.89N-122.82E, 0.02, h126km, 2km, 11km, 3.7km, pP-P, n67, 113/134, mb4.2/16, 1C-4D, Taiwan region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, IRIF Iriomote-Funau, etc.

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

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

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

WVOR	comp=Z,5µm,21.0s,MS5.2	LR	LR		
WVOR	Wild Horse Val 31.84	92	eP	P	15 15 46.8 -0.1
WVOR	comp=Z,706nm,0.6s		pmx		
WVOR	comp=Z,5µm,21.0s,MS5.2		MLR	MLR	
MSO	Missoula 32.15	82	eP	P	15 15 49.2 -0.3
MSO	comp=Z,3.8nm,0.6s,mb4.4		LR	LR	
MSO	comp=Z,888nm,20.0s,MS4.5		LR	LR	
CHMT	Chamberlain Mo 32.51	81	eP	P	15 15 51.6 -1.0
PAHR	Pah Rah Range 33.11	97	eP	P	15 15 58.1 +0.2
TIXI	Tiksi 33.12	328	iP	LR	15 15 56.2 -1.5
TIXI	comp=Z,8µm,20.0s,MS5.4		LR	LR	
TIXI	Tiksi 33.12	328	eP	P	15 15 51.4 -6.3
TIXI			ePPP	P	15 17 12.9 -1.3
TIXI			eS	S	15 21 02.9 -1.0
TIXI	comp=Z,33nm,0.8s,mb5.3		pmx	pmx	
TIXI			MLR	MLR	
TIXI	comp=Z,4µm,16.0s,MS5.3		MLR	MLR	
HRY	Holler Researc 33.45	81	eP	P	15 16 00.3 -0.5
CMB	Columbia Colie 33.62	100	eP	P	15 16 02.5 +0.1
CMB	comp=Z,18nm,1.0s,mb5.0				
CMB	comp=Z,5µm,22.0s,MS5.2		LR	LR	
CMB	Columbia Colie 33.62	100	eP	P	15 16 02.5 +0.1
CMB	comp=Z,1.0s,1.0s,mb5.0		pmx	pmx	
CMB			MLR	MLR	
HLID	comp=Z,5µm,22.0s,MS5.2		MLR	MLR	
HLID	Halley 33.68	87	eP	P	15 16 02.4 -0.3
HLID	comp=Z,8.8nm,0.9s,mb4.7		LR	LR	
DLMT	Dillon 33.73	83	eP	P	15 16 03.1 -0.1
DLMT	comp=Z,24nm,1.2s,mb5.0		LR	LR	
MCMT	McKenzie Canyo 33.88	84	eP	P	15 16 03.8 -0.6
SAO	San Andreas Ge 33.88	103	eP	P	15 16 04.6 0.0
SAO	comp=Z,24nm,1.0s,mb5.1		LR	LR	
SAO	San Andreas Ge 33.88	103	eP	P	15 16 04.6 0.0
SAO	comp=Z,4µm,20.0s,MS5.1		pmx	pmx	
SAO	comp=Z,24nm,1.0s,mb5.1		MLR	MLR	
YSS	Yuzh-Sakhalins 33.89	280	PFAKE	LR	15 16 20.0 +1.5
YSS	comp=Z,4µm,22.0s,MS5.1		LR	LR	
YSS	Yuzh-Sakhalins 33.89	280	iP	P	15 16 07.0 +2.4
YSS			S	S	15 21 27.0 +1.9
YSS			eSS	SS	15 23 32.0 -1.4
YSS	comp=E,3µm,18.0s		MLR	MLR	
YSS	comp=Z,3µm,18.0s,MS5.0		MLR	MLR	
BOZ	Bozeman (W) 34.14	82	eP	P	15 16 05.8 -0.9
BOZ	comp=Z,8.5nm,0.8s,mb4.7		LR	LR	
BOZ	comp=Z,1µm,20.0s,MS4.7		LR	LR	
BOZ	Bozeman (W) 34.14	82	eP	P	15 16 05.8 -0.9
BOZ	comp=Z,8.0nm,0.8s,mb4.7		pmx	pmx	
BOZ			MLR	MLR	
LRV	Little Rabbit 34.36	103	eP	P	15 16 09.6 +0.8
NVAR	Mina Array Bea 34.58	98	eP	P	15 16 10.9 +0.3
NVAR	comp=Z,1.1nm,0.9s,mb4.8,baz=307,slow=8.1,SNR=46		PcP	PcP	15 18 44.2 -0.5
NVAR	comp=Z,6.6nm,1.0s,baz=285,slow=2.3,SNR=4.2		ScP	ScP	15 22 25.6
NVAR	comp=Z,1.3nm,0.8s,baz=315,slow=2.6,SNR=5.7		LR	LR	15 27 42.8
NVAR	comp=Z,3µm,21.1s,MS5.0,baz=310,slow=32		LR	LR	
YAK	Yakutsk 34.60	311	iP	P	15 16 07.6 -2.9
YAK	Yakutsk 34.60	311	eP	P	15 16 07.6 -2.9
YAK	comp=Z,8µm,19.0s,MS5.5		LR	LR	
YAK	Yakutsk 34.60	311	eP	P	15 16 04.6 -5.9
YAK			pmx	pmx	15 18 40.1
YAK	comp=Z,34nm,1.2s,mb5.2		pmx	pmx	
YAK	comp=N,5.0nm,1.1s		pmx	pmx	
YAK	comp=E,24nm,1.1s		pmx	pmx	
YAK	comp=Z,33nm,1.0s,mb5.2		pmx	pmx	
MNV	Mina 34.66	98	eP	P	15 16 11.6 +0.3
MNV	comp=Z,29nm,1.0s,mb5.2		LR	LR	
MNV	comp=Z,4µm,22.0s,MS5.1		LR	LR	
MNV	Mina 34.66	98	eP	P	15 16 11.6 +0.3
MNV	comp=Z,29nm,1.0s,mb5.2		pmx	pmx	
MNV			MLR	MLR	
POHA	Pohakulua 34.70	166	PFAKE	LR	15 16 20.0 +8.2
POHA	comp=Z,4µm,19.0s,MS5.2		LR	LR	
QLMT	Earthquake Lak 34.71	83	eP	P	15 16 11.2 -0.4
ELK	Elko 34.89	92	eP	P	15 16 13.4 +0.2
ELK	comp=Z,46nm,0.9s,mb5.4		LR	LR	
ELK	Elko 34.89	92	eP	P	15 16 23.7 -1.1
ELK	comp=Z,4µm,20.0s,MS5.2		LR	LR	
ELK	Elko 34.89	92	eP	P	15 16 13.4 +0.2
ELK			e'PP	P	15 16 23.7 -1.1
ELK	comp=Z,46nm,0.9s		pmx	pmx	
ELK	comp=Z,4µm,20.0s		MLR	MLR	
YMR	Madison River 35.07	83	eP	P	15 16 14.6 -0.1
YMR	comp=Z,36nm,1.0s,mb5.3		LR	LR	
YMR	comp=Z,2µm,21.0s,MS4.8		LR	LR	
MTUM	Tungsten Hills 35.15	99	eP	P	15 16 16.3 +0.8
FFC	Flin Flon 35.17	63	eP	P	15 16 15.1 -0.4
FFC	comp=Z,14nm,0.9s,mb4.9		LR	LR	
FFC	comp=Z,663nm,22.0s,MS4.3		LR	LR	
FFC	Flin Flon 35.17	63	eP	P	15 16 15.1 -0.4
FFC	comp=Z,14nm,0.9s,mb4.9		pmx	pmx	
FFC	comp=Z,663nm,22.0s,MS4.3		MLR	MLR	
GCMT	Greycliff 35.21	81	eP	P	15 16 16.5 +0.7
YFT	Old Faithful 35.27	83	eP	P	15 16 17.5 +1.0
PTRM	Twisselman Ran 35.37	103	eP	P	15 16 16.4 -1.0
TPH	Tonopah 35.45	97	eP	P	15 16 18.6 +0.6
TPH	comp=Z,69nm,1.1s,mb5.5		LR	LR	
TPH	comp=Z,4µm,21.0s,MS5.2		LR	LR	
TPH	Tonopah 35.45	97	eP	P	15 16 18.6 +0.6
TPH	comp=Z,68nm,1.1s,mb5.5		pmx	pmx	
TPH	comp=Z,2µm,21.0s,MS5.2		MLR	MLR	
LKWY	Lake 35.46	83	eP	P	15 16 18.9 +0.9
LKWY	comp=Z,19nm,1.1s,mb4.9		LR	LR	
LKWY	comp=Z,2µm,20.0s,MS4.9		LR	LR	
LKWY	Lake 35.46	83	eP	P	15 16 19.0 +0.9
LKWY	comp=Z,19nm,1.1s,mb4.9		pmx	pmx	
LKWY	comp=Z,20nm,1.2s,mb4.9		MLR	MLR	
IMW	Indian Meadow 35.53	84	eP	P	15 16 18.7 0.0
IMW	comp=Z,14nm,0.9s,mb4.9		LR	LR	
ASAJ	Asahikawa 35.55	276	P	P	15 16 17.0 -1.9
HVU	Hansel Valley 35.71	88	eP	P	15 16 19.4 -0.7
HVU	comp=Z,20nm,1.2s,mb4.9		pmx	pmx	
HVU	Hansel Valley 35.71	88	eP	P	15 16 19.5 -0.7
HVU	comp=Z,20nm,1.2s,mb4.9		pmx	pmx	
MOOV	Moose Ponds 35.73	84	eP	P	15 16 20.4 0.0
MOOV	comp=Z,20nm,1.6s,mb4.9		LR	LR	
TPAW	Teton Pass 35.76	85	eP	P	15 16 19.9 -0.7
TPAW	comp=Z,9.7nm,0.8s,mb4.8		LR	LR	
LOHW	Long Hollow 35.90	84	eP	P	15 16 21.8 +0.1
LOHW	comp=Z,10nm,0.9s,mb4.8		LR	LR	
REDW	Red Top Meadow 35.90	85	eP	P	15 16 21.7 -0.1
REDW	comp=Z,15nm,1.1s,mb4.8		LR	LR	

AHID	Auburn Hatcher 36.10	86	PFAKE	LR	15 16 40.0 +1.6
SPUT	South Promonto 36.19	89	eP	P	15 16 24.4 +0.1
ISA	Isabella 36.37	101	eP	P	15 16 25.1 -0.7
ISA	comp=Z,4.8nm,0.8s,mb4.5		LR	LR	
ISA	Isabella 36.37	101	eP	P	15 16 25.1 -0.7
ISA	comp=Z,976nm,21.0s,MS4.6		pmx	pmx	
ISA	comp=Z,5.0nm,0.8s,mb4.5		MLR	MLR	
DAC	Darwin (Calif) 36.45	100	eP	P	15 16 26.9 +0.4
DAC	comp=Z,14nm,0.6s,mb5.1		LR	LR	
DAC	Darwin (Calif) 36.45	100	eP	P	15 16 26.9 +0.4
DAC	comp=Z,14nm,0.6s,mb5.1		pmx	pmx	
DAC	comp=Z,4µm,22.0s,MS5.1		MLR	MLR	
HWUT	Hardware Ranch 36.53	88	eP	P	15 16 26.8 -0.3
HWUT	comp=Z,13nm,1.0s,mb4.7		LR	LR	
HWUT	comp=Z,2µm,22.0s,MS4.9		LR	LR	
DUG	Dugway 36.67	91	eP	P	15 16 27.9 -0.4
DUG	comp=Z,59nm,1.2s,mb5.3		LR	LR	
DUG	Dugway 36.67	91	eP	P	15 16 27.9 -0.4
DUG	comp=Z,2µm,21.0s,MS4.9		pmx	pmx	
DUG	comp=Z,59nm,1.2s,mb5.3		MLR	MLR	
LAO	LASA Array 36.79	77	eP	P	15 16 29.1 +0.5
LAO	comp=Z,57nm,1.1s,mb5.3		LR	LR	
TPNV	Topopah Spring 36.78	98	eP	P	15 16 29.1 -0.1
TPNV	comp=Z,2µm,21.0s,MS4.9		pmx	pmx	
TPNV	Topopah Spring 36.78	98	eP	P	15 16 29.1 -0.2
TPNV	comp=Z,87nm,0.9s,mb5.6		pmx	pmx	
NOQ	North Oquirrh 36.80	89	eP	P	15 16 29.6 +0.3
DGMT	Dagmar 36.92	73	eP	P	15 16 29.6 -0.7
DGMT	comp=Z,72nm,1.0s,mb5.5		LR	LR	
CTU	Camp Tracy 36.99	89	eP	P	15 16 31.4 +0.4
BW06	Boulder Array 37.01	85	PFAKE	LR	15 16 40.0 +8.9
BW06	comp=Z,3µm,20.0s,MS5.1		LR	LR	
PDAR	Pinedale Array 37.01	85	P	P	15 16 30.8 -0.4
PDAR	comp=Z,1µm,19.0s,MS4.8		ScP	ScP	15 22 33.6
PDAR	comp=Z,3.6nm,0.8s,baz=304,slow=5.3,SNR=17		LR	LR	15 29 27.1
PDAR	comp=Z,1.7nm,1.0s,baz=270,slow=1.5,SNR=5.2		LR	LR	
PDAR	comp=Z,1µm,21.0s,MS4.7,baz=94,slow=32		LR	LR	
DAU	Daniels Canyon 37.46	89	eP	P	15 16 34.4 -0.5
FCC	Fort Churchill 37.47	84	eP	P	15 16 35.1 +0.2
FCC	comp=Z,196nm,1.1s,mb5.8		pmx	pmx	
FCC	Fort Churchill 37.47	84	eP	P	15 16 35.1 +0.3
FCC	comp=Z,196nm,1.1s,mb5.8		pmx	pmx	
MPU	Maple Canyon 37.49	90	PFAKE	LR	15 16 50.0 +1.5
MPU	comp=Z,1µm,21.0s,MS4.9		LR	LR	
SNCC	San Nicolas Is 37.49	105	PFAKE	LR	15 16 50.0 +1.5
SNCC	comp=Z,3µm,20.0s,MS5.1		LR	LR	
MWC	Mount Wilson 37.63	103	eP	P	15 16 36.6 +0.2
ARUT	Antelope Range 37.87	94	eP	P	15 16 38.1 -0.3
MVU	Marysville 38.12	92	eP	P	15 16 41.0 +0.6
MVU	comp=Z,17nm,0.9s,mb4.8		LR	LR	
MVU	comp=Z,4µm,22.0s,MS5.2		LR	LR	
MSU	Marysville 38.14	92	eP	P	15 16 40.9 +0.3
TMUT	Trail Mountain 38.20	90	eP	P	15 16 41.5 +0.5
NEIN	Nelson 38.49	98	eP	P	15 16 43.4 -0.2
SRU	San Rafael 38.72	90	eP	P	15 16 45.9 +0.4
SRU	comp=Z,99nm,1.4s,mb5.3		pmx	pmx	
SRU	San Rafael 38.72	90	eP	P	15 16 45.9 +0.4
SRU	comp=Z,99nm,1.4s,mb5.3		pmx	pmx	
LDFC	Landfair 38.74	99	eP	P	15 16 45.9 +0.2
KLR	Kul'dur 38.97	290	eP	P	15 16 45.4 -2.0
PFO	Pinyon Flat Ob 38.99	102	PFAKE	LR	15 17 00.0 +1.2
PFO	comp=Z,1µm,18.7s,MS4.9,baz=76,slow=38		LR	LR	
RWVY	Rawlins 39.05	84	eP	P	15 16 46.9 -1.2
RWVY	comp=Z,51nm,1.0s,mb5.2		LR	LR	
RSSD	Black Hills 39.44	79	eP	P	15 16 51.3 -0.1
RSSD	comp=Z,130nm,0.9s,mb5.7		LR	LR	
RSSD	Black Hills 39.44	79	eP	P	15 16 51.3 -0.1
RSSD	comp=Z,3µm,22.0s,MS5.1		pmx	pmx	
RSSD	Black Hills 39.44	79	eP	P	15 16 51.3 -0.1
RSSD	comp=Z,130nm,0.9s,mb5.7		MLR	MLR	
RSSD	comp=Z,3µm,22.0s,MS5.1		MLR	MLR	
BAR	Barrett 39.54	103	eP	P	15 16 50.8 -1.5
PV10	Paradox Valley 40.08	90	eP	P	15 16 57.3 +0.6
PV01	Paradox Valley 40.52	90	eP	P	15 16 59.9 -0.5
PV01	comp=Z,27nm,0.9s,mb4.9,baz=298,slow=8.5,SNR=25		pmx	pmx	
ULM	Lac du Bonnet 40.60	66	eP	P	15 16 59.7 -1.2
ULM	comp=Z,2.7nm,0.9s,mb4.9,baz=298,slow=8.5,SNR=25		LR	LR	15 35 03.6
ULM	Lac du Bonnet 40.60	66	eP	P	15 16 59.7 -1.2
ULM	comp=Z,2.7nm,0.9s,mb4.9,baz=298,slow=8.5,SNR=25		LR	LR	15 35 03.6
WUAZ	Wupatki 40.63	95	eP	P	15 17 01.6 +0.3
WUAZ	comp=Z,66nm,0.9s,mb5.3		pmx	pmx	
WUAZ	comp=Z,5µm,20.0s,MS5.4		eP	P	15 17 12.6 -0.4
WUAZ	comp=Z,5µm,20.0s,MS5.4		LR	LR	
SMCO	Snowmass 40.78	87	eP	P	15 17 02.6 0.0
SMCO	comp=Z,19nm,1.1s,mb4.6		LR	LR	

Table with columns for station name, frequency, power, and other technical details. Includes stations like EMAZ, RRL, STS, BHB, MBDF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKO, SKO, KKB, CTCT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB, HYB, HYB, HYB, etc.

BUJ 22 15:11:26.7, 5.34S; 145.80E, h71km, mb6.0, mb5.6, Ms5.8, Ms2.6
MOS 22 15:11:28.6, 1.1, 5.09S; 145.21E, h53km, mb6.1/40, MS5.6/18, Error ellipse: s-maj=8.8km s-min=5.2km az=93.7
SKO 22 15:11:31.0, 6.1, 5.15S; 145.42E, h68km, mb6.0/53, ME5.5, MW6.2/92,
HRVD 22 15:11:31.0, 6.1, 5.20S; 145.33E, h77km, 1km, MW6.2/92,
Centroid moment Tensor Solution: LP body waves: s92, c227; Mantle waves: s92, c239; Half duration: 2.9; Moment tensor: Scale 1018Nm; M=0.32t; 0.2; M0:0.02t; M0:0.27t; 0.2; M1:1.94t; 0.1; M2:0.91t; 0.2; Best double couple: M2.1x1018 Np1; 0.35t; 860; -90; NP2: 0.27t; 810; -90; Principal axes: T P135; Azm185; N P160; Azm200; N -356, P124; Azm92; P -2.006, P164; Azm335; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.
NEIC 22 15:11:31.0, 6.1, 5.15S; 145.42E, h68km, mb6.0/53, ME5.5, MW6.1; Error ellipse: s-maj=5.4km s-min=3.8km az=95.0; Broadband flat plane solution: P waves: NP1: 0.35t; 860; -90; NP2: 0.27t; 810; -90; Principal axes: T P135; Azm185; N P160; Azm200; P P165; Azm5; Moment Tensor Solution. s13 Moment tensor: Scale 1018 Nm; M=0.58; M0:0.16; M0:0.42; M1:1.60; M2:0.91; Best double couple: M2.1x1018 Np1; 0.35t; 837; -1.7; NP2: 0.99; 880; -1.26; Principal axes: T1.99, P126; Azm216; N.11, P135; Azm106; P-2.1, P144; Azm334; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.
NEIC Felt [IV] at Goroka.
IDC 22 15:11:33.2, 2.5, 19S; 145.39E, h83km, 19km, mb5.4/20, mb1.5/25, mb1mx5.2/6, mbtmp5.7/25, MS5.6/11,

Table with columns: DIVS, Divcibare, 1.34 315, Pg, Pg, 18 47 27.8 +0.7, etc.

PRU 22 18:51:23.4, 50.27N:18.80E
WAR 22 18:51:23.3, 50.27N:18.89E, h0km, ML2.4, 2C, Mining

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

IDC 22 18:57:04.1, 3.0, 2.81N-96.24E, mb4.0/5, mb1 4.1/5, mb1mx3.8/18, mbtmp4.0/5, Error ellipse: s-maj=120.4km s-min=28.2km az=55.0

NEIC 22 18:57:08.4, 1.1, 2.81N-96.28E, h30km, mb4.0/3, Error ellipse: s-maj=25.8km s-min=14.7km az=211.0

ISC 22 18:57:06.4, 1.5, 2.8N-96.3E, 0.2, h30km, n9, e0884/9, mb4.0/8, Northern Sumatara

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

NEIC 22 18:59:19.6, 4.0, 5.16S-145.37E, h83km, 38km, mb3.6/1, Error ellipse: s-maj=44.9km s-min=19.4km az=140.0

IDC 22 18:59:31.8, 12.0, 5.32S-145.14E, h198km, 121km, mb3.6/3, mb1 3.6/5, mb1mx3.3/13, mbtmp4.0/5, Error ellipse: s-maj=60.8km s-min=40.8km az=157.0

ISC 22 18:59:17.4, 4.4, 5.35S-0.2, 145.4E, 0.2, h96km, 42km, n7, e032/8, mb3.9/3, Eastern New Guinea region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

NIED 22 19:02:00.27, 60N:128.60E, h53km, Mw3.7, Best double couple: M4.24x10^14 NP1:154°, delta2:1.58°, NP2:337°, delta3:1.149°

JMA 22 19:02:29.3, 27.63N:128.59E, h58km, 1km, M3.7, Ryukyu Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

NIED 22 19:19:00.36, 70N:142.20E, h17km, Mw3.8, Best double couple: M6.67x10^14 NP1:154°, delta2:1.84°, NP2:321°, delta3:1.106°

IDC 22 19:19:01.9, 1.2, 36.57N-142.37E, mb3.8/6, mb1 3.9/9, mb1mx3.8/23, mbtmp3.9/9, ML4.0/3, MS3.5/4, Ms1 3.5/4, ms1mx2.8/31, Error ellipse: s-maj=28.7km s-min=19.9km az=104.0

MOS 22 19:19:04.6, 1.1, 36.70N:142.44E, h33km, mb4.1/3, Error ellipse: s-maj=16.0km s-min=13.3km az=126.5

NEIC 22 19:19:05.7, 3.7, 36.62N:142.34E, h23km, 25km, mb4.2/3, Error ellipse: s-maj=18.7km s-min=10.4km az=137.0

JMA 22 19:19:05.8, 0.3, 36.72N:142.23E, h42km, M3.8, ISC 22 19:18:03.3, 1.7, 36.59N-0.0, 142.39E, 0.0, h21km, 14km, n38, e095/46, mb3.8/10, MS4.0/2, Off east coast of Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

Table with columns: JFT, Ouri, 1.95 335, P, Pn, 19 19 56.7 -0.4, etc.

ATH 22 20:21:41.8, 38.19N-26.69E, h44km, 5km, MD3.2/3 CSEM 22 20:21:41.1, 0.1, 38.24N-26.56E, h10km, MD3.0, Error ellipse: s-maj=3.4km s-min=2.7km az=98.0

ISK 22 20:21:42.7, 38.27N-26.66E, h21km, MD3.0, ISC 22 20:21:41.9, 0.6, 38.24N-0.0, 32.67E, 0.5, h7km, 5km, n17, e087/26, Aegean Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

ATH 22 19:31:23.3, 0.5, 17.78N-98.68W, h20km, MD3.6(MEX), After MEX.

MEX 22 19:31:23.3, 0.5, 17.78N-98.68W, h20km, 22km, MD3.6, Off coast of Guerrero

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

IDC 22 19:52:33.9, 1.5, 17.67N-85.03W, mb3.9/5, mb1 4.2/5, mb1mx3.8/21, mbtmp3.9/5, MS3.3/4, Ms1 3.3/4, ms1mx3.0/26, Error ellipse: s-maj=94.0km s-min=28.4km az=60.0

NEIC 22 19:52:30.7, 0.6, 17.37N-85.59W, mb4.0/7, Error ellipse: s-maj=19.5km s-min=8.8km az=61.0

ISC 22 19:52:36.5, 0.7, 17.5N-0.1, 85.3W-0.2, h33km, n22, e073/18, mb4.0/9, MS3.3/2, North of Honduras

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

IDC 22 19:52:33.9, 1.5, 17.67N-85.03W, mb3.9/5, mb1 4.2/5, mb1mx3.8/21, mbtmp3.9/5, MS3.3/4, Ms1 3.3/4, ms1mx3.0/26, Error ellipse: s-maj=94.0km s-min=28.4km az=60.0

NEIC 22 19:52:30.7, 0.6, 17.37N-85.59W, mb4.0/7, Error ellipse: s-maj=19.5km s-min=8.8km az=61.0

ISC 22 19:52:36.5, 0.7, 17.5N-0.1, 85.3W-0.2, h33km, n22, e073/18, mb4.0/9, MS3.3/2, North of Honduras

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

ATH 22 20:21:41.8, 38.19N-26.69E, h44km, 5km, MD3.2/3 CSEM 22 20:21:41.1, 0.1, 38.24N-26.56E, h10km, MD3.0, Error ellipse: s-maj=3.4km s-min=2.7km az=98.0

ISK 22 20:21:42.7, 38.27N-26.66E, h21km, MD3.0, ISC 22 20:21:41.9, 0.6, 38.24N-0.0, 32.67E, 0.5, h7km, 5km, n17, e087/26, Aegean Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

Table with columns: PRK, Paraskevi, 1.03 347, eP, P, 22 20 19.0 +0.2, etc.

BUG 22 20:31:29.5, 51.54N-6.79E, h1km, ML1.7 BGR 22 20:31:29.6, 1.3, 51.57N-6.99E, h1km, ML2.0/4, Error ellipse: s-maj=25.6km s-min=10.0km az=142.0

LDG 22 20:31:30.9, 0.2, 51.56N-6.87E, h1km, MD3.3/1, M12.7/9, Error ellipse: s-maj=4.3km s-min=2.9km az=50.0, Suspected Mining induced.

CSEM 22 20:31:30.7, 0.1, 51.58N-6.87E, h2km, ML2.7/8, Error ellipse: s-maj=2.8km s-min=1.8km az=102.0, Suspected Mining induced.

NEIC 22 20:31:30.9, 51.56N-6.87E, h1km, ML2.7(LDG), After LDG.

BNS 22 20:31:30.8, 1.2, 51.59N-6.89E, h1km, ML2.0 ISC 22 20:31:29.0, 0.5, 51.52N-0.0, 6.57E, 0.4, n32, e144/53, 3D, Germany

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

HGN Heimgangroev 0.85 208J eP Pg 20 31 50.1 +4.1

HGN Kallitaspere 0.89 191 eP Pg 20 31 49.6 +2.9

STB Steinbach 0.94 169 eP Pg 20 31 49.8 +2.1

STB 41nm, 0.4s eP Pg 20 32 03.2 +2.9

HILG Hillesheim 1.23 177 eSg Pg 20 32 12.8 +2.9

BGG Bergzeit 1.04 159 eP Pg 20 31 56.4 -0.5

BGS 34nm, 0.3s eSg Pg 20 32 15.7 +0.1

TNS Taurus Mts 1.76 137 eP Pg 20 32 01.3 -2.8

GIVF Givet 1.80 219 eP Pg 20 32 22.9 -4.7

GIVF 18nm, 0.2s eSg Pg 20 32 27.3 +2.0

WLF Walferdange 1.87 188 eP Pg 20 32 07.5 +1.2

WLF Walferdange 1.87 188 eP Pg 20 32 07.4 +4.8

WLF Walferdange 1.87 188 eP Pg 20 32 07.7 +4.8

BAIF Baives 2.09 227 ePn Sn 20 32 04.4 +2.0

CLZ Clausthal 2.39 81 eP Pg 20 32 36.2 -1.2

RFDF Refroy 2.98 194 ePn Sn 20 32 18.7 +0.4

CDF Champ du Feu 2.14 171 ePn Sn 20 33 11.2 -2.4

MEZF Maizieres J'vi 3.17 199 eSg Pg 20 33 13.6 -1.0

SFTF Sfontaines 3.46 197 eP Pg 20 32 36.5 -1.5

SFTF 2.6nm, 0.2s eSg Pg 20 33 22.4 -1.8

LOR Lormes 4.61 204 ePn Sn 20 32 40.9 -0.6

LOR 1.8nm, 0.3s eSg Sn 20 33 58.8 -3.5

SSF Saint Sauge 4.89 205 ePn Sn 20 32 45.5 0.0

SSF 1.0nm, 0.3s eSg Sn 20 34 08.8 -2.9

AVF Avil sur Loir 5.18 205 ePn Sn 20 32 49.2 -0.4

SMF Signal de Mont 5.20 201 ePn Sn 20 32 48.6 -1.2

LDF La Druitiere 5.21 238 ePn Sn 20 32 50.7 +0.7

LDL 5.21 238 ePn Sn 20 34 48.9 -0.9

FLN La Foliniere 5.31 241 ePn Sn 20 32 51.7 +0.3

FLN 5.31 241 ePn Sn 20 33 51.0 -3.2

BGF Bois d'Agland 5.53 208 ePn Sn 20 32 54.1 -0.5

GRR Gorron 5.73 240 ePn Sn 20 32 57.4 +0.1

GRR 3.1nm, 0.2s eSg Sn 20 34 01.1 -3.6

MFF Saint Martin d 6.61 224 ePn Sn 20 33 08.8 -0.9

SGMF Saint Gilles 6.74 245 ePn Sn 20 33 10.2 -1.4

NIED 22 21:54:00.38, 30N:140.10E, h5km, Mw3.6, Best double couple: M2.92x10^14 NP1:210°, delta5:1.105°, NP2: 0.358°, delta2:1.031°, delta3:1.031°

NEIC 22 21:54:17.6, 38.35N-140.06E, h10km, Mw3.6(NIED), After JMA

JMA 22 21:54:17.6, 38.35N-140.06E, h10km, Mw3.7, Broadband fault plane solution: P waves. NP1:156°, delta3:1.43°, NP2:29°, delta6:1.118°. Principal axes: T P1g59°, Azm339°; N P1g25°, Azm197°; P P1g17°, Azm99°; JMA Felt II, 1

IDC 22 21:54:23.1, 3.6, 38.57N-139.17E, h66km, 35km, mb3.3/2, mb1 3.7/3, mb1mx3.2/20, mbtmp3.5/3, ML3.3/1, Error ellipse: s-maj=85.1km s-min=29.0km az=110.0

ISC 22 21:54:17.1, 0.5, 38.37N-0.0, 140.08E, 0.0, 4, h12km, 4km, n17, e191/19, mb3.7/2, 3C-3D, Eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, etc.

NIED 22:21:57.00, 36.70N, 142.40E, h20km, Mw3.5. Best double couple: M2.27x10.14, N12.40x11.7, 867°, 8.82°. NP2:φ=210°, 824°, 1.07°.

JMA 22:21:57.50, 3.0, 36.70N, 142.42E, h13km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Iwakimizuishiy, Kawachi, Hitachi, Marumori, etc.

NEIC 22:22:03.31, 1.0, 17.36S, 73.05W, h40km, mb4.1/1, Error ellipse: s-maj=13.5km s-min=10.4km az=110.0

ISC 22:22:03.33, 4.5, 3, 17.44S, 72.93W, h56km, 4.3km, mb3.9/4, mb1.3/9.7, mb1mx3.6/18, mbtmp4.0/7, ML3.4/3, MS2.9/1, Ms1.2/9.1, ms1mx2.4/18, Error ellipse: s-maj=49.8km s-min=27.7km az=110.0

ISC 22:22:03.33, 1.1, 17.32S, 0.09, 73.1W, 0.1, h43km, 1.7km, n21, c1900/18, mb4.0/4, MS2.7/1, C, Off coast of Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Arequipa, La Paz, NNA, SIV, SAML, CFAA, etc.

CASC 22:22:40:17.4, 2.7, 12.50N, 88.07W, h40km, 32.1km, MD3.6, 6C-9D, Off coast of Central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like CNCH, GNGH, VSM, BLLM, etc.

BUI 22:23:22:45.3, 2.0, 10S, 177.60W, h522km, mb4.8, mb4.8

NEIC 22:23:22:46.3, 0.8, 2.0, 05S, 177.59W, h523km, 9km, mb4.5/13, Error ellipse: s-maj=11.1km s-min=7.7km az=119.0

ISC 22:23:22:51.4, 2.3, 2.0, 09S, 177.74W, h575km, 26km, mb3.8/12, mb1.4/0.1, mb1mx3.9/16, mbtmp4.7/13, Error ellipse: s-maj=20.0km s-min=12.1km az=156.0

ISC 22:23:22:44.5, 1.0, 20.14S, 0.05, 17.57W, 0.0, h509km, 1.1km, n87, c1906/55, mb4.3/26, 4C-5D, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like AF1, AF2, AF3, AF4, AF5, AF6, AF7, AF8, AF9, AF10, AF11, AF12, AF13, AF14, AF15, AF16, AF17, AF18, AF19, AF20, AF21, AF22, AF23, AF24, AF25, AF26, AF27, AF28, AF29, AF30, AF31, AF32, AF33, AF34, AF35, AF36, AF37, AF38, AF39, AF40, AF41, AF42, AF43, AF44, AF45, AF46, AF47, AF48, AF49, AF50, AF51, AF52, AF53, AF54, AF55, AF56, AF57, AF58, AF59, AF60, AF61, AF62, AF63, AF64, AF65, AF66, AF67, AF68, AF69, AF70, AF71, AF72, AF73, AF74, AF75, AF76, AF77, AF78, AF79, AF80, AF81, AF82, AF83, AF84, AF85, AF86, AF87, AF88, AF89, AF90, AF91, AF92, AF93, AF94, AF95, AF96, AF97, AF98, AF99, AF100, AF101, AF102, AF103, AF104, AF105, AF106, AF107, AF108, AF109, AF110, AF111, AF112, AF113, AF114, AF115, AF116, AF117, AF118, AF119, AF120, AF121, AF122, AF123, AF124, AF125, AF126, AF127, AF128, AF129, AF130, AF131, AF132, AF133, AF134, AF135, AF136, AF137, AF138, AF139, AF140, AF141, AF142, AF143, AF144, AF145, AF146, AF147, AF148, AF149, AF150, AF151, AF152, AF153, AF154, AF155, AF156, AF157, AF158, AF159, AF160, AF161, AF162, AF163, AF164, AF165, AF166, AF167, AF168, AF169, AF170, AF171, AF172, AF173, AF174, AF175, AF176, AF177, AF178, AF179, AF180, AF181, AF182, AF183, AF184, AF185, AF186, AF187, AF188, AF189, AF190, AF191, AF192, AF193, AF194, AF195, AF196, AF197, AF198, AF199, AF200, AF201, AF202, AF203, AF204, AF205, AF206, AF207, AF208, AF209, AF210, AF211, AF212, AF213, AF214, AF215, AF216, AF217, AF218, AF219, AF220, AF221, AF222, AF223, AF224, AF225, AF226, AF227, AF228, AF229, AF230, AF231, AF232, AF233, AF234, AF235, AF236, AF237, AF238, AF239, AF240, AF241, AF242, AF243, AF244, AF245, AF246, AF247, AF248, AF249, AF250, AF251, AF252, AF253, AF254, AF255, AF256, AF257, AF258, AF259, AF260, AF261, AF262, AF263, AF264, AF265, AF266, AF267, AF268, AF269, AF270, AF271, AF272, AF273, AF274, AF275, AF276, AF277, AF278, AF279, AF280, AF281, AF282, AF283, AF284, AF285, AF286, AF287, AF288, AF289, AF290, AF291, AF292, AF293, AF294, AF295, AF296, AF297, AF298, 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AF1012, AF1013, AF1014, AF1015, AF1016, AF1017, AF1018, AF1019, AF1020, AF1021, AF1022, AF1023, AF1024, AF1025, AF1026, AF1027, AF1028, AF1029, AF1030, AF1031, AF1032, AF1033, AF1034, AF1035, AF1036, AF1037, AF1038, AF1039, AF1040, AF1041, AF1042, AF1043, AF1044, AF1045, AF1046, AF1047, AF1048, AF1049, AF1050, AF1051, AF1052, AF1053, AF1054, AF1055, AF1056, AF1057, AF1058, AF1059, AF1060, AF1061, AF1062, AF1063, AF1064, AF1065, AF1066, AF1067, AF1068, AF1069, AF1070, AF1071, AF1072, AF1073, AF1074, AF1075, AF1076, AF1077, AF1078, AF1079, AF1080, AF1081, AF1082, AF1083, AF1084, AF1085, AF1086, AF1087, AF1088, AF1089, AF1090, AF1091, AF1092, AF1093, AF1094, AF1095, AF1096, AF1097, AF1098, AF1099, AF1100, AF1101, AF1102, AF1103, AF1104, AF1105, AF1106, AF1107, AF1108, AF1109, AF1110, AF1111, AF1112, AF1113, AF1114, AF1115, AF1116, AF1117, AF1118, AF1119, AF1120, AF1121, AF1122, AF1123, AF1124, AF1125, AF1126, AF1127, AF1128, AF1129, AF1130, AF1131, AF1132, AF1133, AF1134, AF1135, AF1136, 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AF1512, AF1513, AF1514, AF1515, AF1516, AF1517, AF1518, AF1519, AF1520, AF1521, AF1522, AF1523, AF1524, AF1525, AF1526, AF1527, AF1528, AF1529, AF1530, AF1531, AF1532, AF1533, AF1534, AF1535, AF1536, AF1537, AF1538, AF1539, AF1540, AF1541, AF1542, AF1543, AF1544, AF1545, AF1546, AF1547, AF1548, AF1549, AF1550, AF1551, AF1552, AF1553, AF1554, AF1555, AF1556, AF1557, AF1558, AF1559, AF1560, AF1561, AF1562, AF1563, AF1564, AF1565, AF1566, AF1567, AF1568, AF1569, AF1570, AF1571, AF1572, AF1573, AF1574, AF1575, AF1576, AF1577, AF1578, AF1579, AF1580, AF1581, AF1582, AF1583, AF1584, AF1585, AF1586, AF1587, AF1588, AF1589, AF1590, AF1591, AF1592, AF1593, AF1594, AF1595, AF1596, AF1597, AF1598, AF1599, AF1600, AF1601, AF1602, AF1603, AF1604, AF1605, AF1606, AF1607, AF1608, AF1609, AF1610, AF1611, AF1612, AF1613, AF1614, AF1615, AF1616, AF1617, AF1618, AF1619, AF1620, AF1621, AF1622, AF1623, AF1624, AF1625, AF1626, AF1627, AF1628, AF1629, AF1630, AF1631, AF1632, AF1633, AF1634, AF1635, AF1636, AF1637, AF1638, AF1639, AF1640, AF1641, AF1642, AF1643, AF1644, AF1645, AF1646, AF1647, AF1648, AF1649, AF1650, AF1651, AF1652, AF1653, AF1654, AF1655, AF1656, AF1657, AF1658, AF1659, AF1660, AF1661, AF1662, AF1663, AF1664, AF1665, AF1666, AF1667, AF1668, AF1669, AF1670, AF1671, AF1672, AF1673, AF1674, AF1675, AF1676, AF1677, AF1678, AF1679, AF1680, AF1681, AF1682, AF1683, AF1684, AF1685, AF1686, AF1687, AF1688, AF1689, AF1690, AF1691, AF1692, AF1693, AF1694, AF1695, AF1696, AF1697, AF1698, AF1699, AF1700, AF1701, AF1702, AF1703, AF1704, AF1705, AF1706, AF1707, AF1708, AF1709, AF1710, AF1711, AF1712, AF1713, AF1714, AF1715, AF1716, AF1717, AF1718, AF1719, AF1720, AF1721, AF1722, AF1723, AF1724, AF1725, AF1726, AF1727, AF1728, AF1729, AF1730, AF1731, AF1732, AF1733, AF1734, AF1735, AF1736, AF1737, AF1738, AF1739, AF1740, AF1741, AF1742, AF1743, AF1744, AF1745, AF1746, AF1747, AF1748, AF1749, AF1750, AF1751, AF1752, AF1753, AF1754, AF1755, AF1756, AF1757, AF1758, AF1759, AF1760, AF1761, 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AF1887, AF1888, AF1889, AF1890, AF1891, AF1892, AF1893, AF1894, AF1895, AF1896, AF1897, AF1898, AF1899, AF1900, AF1901, AF1902, AF1903, AF1904, AF1905, AF1906, AF1907, AF1908, AF1909, AF1910, AF1911, AF1912, AF1913, AF1914, AF1915, AF1916, AF1917, AF1918, AF1919, AF1920, AF1921, AF1922, AF1923, AF1924, AF1925, AF1926, AF1927, AF1928, AF1929, AF1930, AF1931, AF1932, AF1933, AF1934, AF1935, AF1936, AF1937, AF1938, AF1939, AF1940, AF1941, AF1942, AF1943, AF1944, AF1945, AF1946, AF1947, AF1948, AF1949, AF1950, AF1951, AF1952, AF1953, AF1954, AF1955, AF1956, AF1957, AF1958, AF1959, AF1960, AF1961, AF1962, AF1963, AF1964, AF1965, AF1966, AF1967, AF1968, AF1969, AF1970, AF1971, AF1972, AF1973, AF1974, AF1975, AF1976, AF1977, AF1978, AF1979, AF1980, AF1981, AF1982, AF1983, AF1984, AF198

Table of astronomical observations for 2005 NOV, including stations like BRG, PRU, ARSA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, including stations like HYB, GOR, KKN, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, including stations like HNR, DZM, STKA, etc., with columns for station name, coordinates, and observation details.

23d Oh

Table with columns for station name, frequency, and other technical details. Includes stations like MONC Moncucco Torin, VMG Negi, NEGI Negi, etc.

2005 NOV

Table with columns for station name, frequency, and other technical details. Includes stations like YUK Rausu, YUK Nemuro 2, YUK Nakash, etc.

560

Table with columns for station name, frequency, and other technical details. Includes stations like KWP Kalwaria, KWP Kalwaria, BURAR Bucovina Array, etc.

NIED 23 00:46:00, 44.60N, 146.70E, h195km, Mw4.2 Best double couple: M2.01x10^15 Np1.9x79°, 879°, λ.126°. Np2.2x10^14, 337°, λ.18°.
MOS 23 00:46:15.2, 1.0, 44.91N, 146.49E, h179km, Mb4.2/3, Error ellipse: s-maj=12.0km s-min=6.9km az=99.6
NEIC 23 00:46:16.7, 0.6, 44.86N, 146.46E, h183km, mb4.4/21, Error ellipse: s-maj=6.3km s-min=5.0km az=155.0
JMA 23 00:46:16.8, 0.3, 44.64N, 146.67E, h175km, 3km, M4.3
IDC 23 00:46:17.1, 8.4, 44.94N, 146.47E, h190km, 17km, mb3.8/21, mb1.4, 0.2/23, mb1mx4.0/26, mb2mt/3, 2/23, Error ellipse: s-maj=14.2km s-min=10.0km az=174.0
ISC 23 00:46:15.1, 0.4, 44.80N, 0.0, 146.58E, 0.06, h183km, 3km, n147, s190/150, mb4.2/45, 7C-10D, Kuril Islands
Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
YUK Yuzh-Kuril'sk 0.92 214u/0N P 00 46 41.5 -1.2

SNS 23 00:48:56.8, 27.69N, 34.33E, h6km, M2.8
CSEM 23 00:48:56.8, 0.1, 27.60N, 34.31E, h20km, ML3.0, Error ellipse: s-maj=2.1km s-min=1.2km az=83.0
HLW 23 00:48:57.5, 27.59N, 34.31E, h14km, Mb3.0
ISC 23 00:48:57.0, 0.5, 27.59N, 0.0, 34.32E, 0.04, h20km, 7km, n29, c058/33, 4C-12D, Red Sea
Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
SHRM Montoliou 0.34 331f Op P 00 49 04.7 +0.3
SHRM EBF 0.34 331f Op P 00 49 08.9 +0.3
ZEIT Maizieres J'vi 0.53 322f Op P 00 49 17.8 +0.3
ZEIT Bois d'Anglad 0.74 292f Op P 00 49 15.5 +0.3
HHRG AI Ghardaqah 0.76 241f Op P 00 49 12.3 +0.8
TR2 Signal de Mont 0.95 327f Op P 00 49 14.9 +0.2
HKAT Jabal Katrina 0.97 343f Op P 00 49 15.4 +0.3
AV33 Ayunah 1.03 54 Op P 00 49 16.7 +0.3
AYUS 1.03 54 Op P 00 49 25.5 +0.7
BSFG 1.07 199f Op P 00 49 17.1 +0.3
HDGS AI Bad' 1.09 39 Op P 00 49 16.3 +0.7
HDGS Dahab 1.16 13f Op P 00 49 17.8 +0.5
HAGS Haql 1.56 20 Op P 00 49 23.2 +0.8
HAST Salsola 1.66 19 Op P 00 49 25.5 +0.3
JMOS Jabal al Moall 1.72 24 Op P 00 49 26.0 +0.4
HQSR 1.83 178f Op P 00 49 27.9 +0.1

Table with columns: ALWS, TBKS, HADB, ZAF, HNSKL, SUZ, EMRS, HEDF, GLL, AMAG, KOT, HAGS, UMJS, HSHL, YNBS. Includes station names like 'Ilu as Safayha', 'Tabuk', 'HABD', etc.

MAN 23 01:09:08.7, 18.323N-121.38E, h96km, mb3.7, ML2.5, MS2.0, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like APYF, SGCP, GVP, ABRA, CAUP.

NEIC 23 01:17:13.6, 59.97N-152.76W, h94km, MG3.3(AEIC), After AEIC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ILIM, ILW, ILV, OPT, RSO, RSD, REF, HOM, RDT, NNL, XLV, AUL, AUE, AUI, CNPM, NKA, SPU, SLKM, SYI, SYL, STLK, SEW, FIB, RCO1, SVW2, SVW3, KAWH, KDAD, KADR, ANCK, CAHL, PMR, CNCT, KJL, GNO, KHK, GUT, SML, GLI, HIN, SHC, MLD, VLZ, VLZ, TT01, EYAK, EYAK, DIV, KLU, TRF, DOT, KTH, RND, RAGM, TZI, BMRM, KAIM, MCK, SDD, PAX, GLB, THY, NEA, WRH, MLY, GCSA, BALM, CCB, COLA, MDM, YAH, DOT, ILI, ILAR, ILAR, IM3, PNL, BM3, DLBC, DLBC, DLBC, YKA, SONM, DLBC, BVAR.

coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CCHI, COCH, LNCH, CNCO, TALC, CTCH, NILO, CICH, LNV, CACH, CHCH, VLOCH, LMEL, ANTU, SJCH, RCDM, FSR, CLCH, FCH, FCH, PELDE, PLCA, PLCA, CFAA, CFAA, CFAA, TRQA, CPUP, EFI, USHA, USHA, ARE, LPAZ, LPAZ, SIV, NNA, PMSA, SAML, CAMA, CAMA, BDFB, BDFB, SDV, SDV, VNA3, VNA3, VNA1, VNA1, VNA1, VNA2, SNA, SNA, SNA, RKT, TBI, PPT, PPT, MAW, MAW, TXAR, LTX, LTX, GD2, GD2, RAR, RAR, DBIC, DBIC, CCM, TUC, TUC, TUC, BOSA, BOSA, LBTB, LBTB, TPNV, DUG, HWUT, HWUT, NVAR, NVAR, PDAR, PDAR, PDAR, ELK, ELK, WRA, WRA.

KNET 23 00:49:45.0-0.5, 42.19N-73.72E, h3km-4km, ml2.6, Error ellipse: s-maj=3.2km s-min=2.0km az=75.0

ISC 23 01:49:42.0-0.9, 42.17N-0.05, h3km, n15, s=109.26, 17C-10Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AML, EKS2, UCH, AAK, AAK, AAK, CHBK, CHMS, KZA, KZA, USP, USF, TKM2, TKM2, ULHL, ULHL, KK31, KK31, MK31, MK31, AB31, AB31, AKTO.

NDI 23 01:05:18.3-4.3, 34.95N-72.77E, h10km, MD3.7, ML4.1

NEIC 23 01:05:20.9, 1.2, 34.58N-73.03E, h10km, mb3.2/1, Error ellipse: s-maj=22.8km s-min=18.0km az=23.0

ISC 23 01:05:20.4-0.6, 34.80N-0.05, 73.12E-0.1, h10km, n28, s=126/35, mb3.6/5, 4C-2D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like THN, DLH, BHK, SDNR, SMLA, KLP, KLP, NDI, KHET, KHET, KHET, KALG, AYAN, KUDL, AAL, AAK, KK31, AGRA, MKAR, AB31, AB31, BVAR, CHKZ, AKTK, AKTO, ZAL, SONM, FINES, ARCES, INK, WRA.

GUC 23 01:42:47.0-0.9, 36.76S-72.27W, h64km, 4km, ML5.3

NEIC 23 01:42:47.0-0.9, 36.74S-72.15W, mb4.6/10, Error ellipse: s-maj=9.9km s-min=5.0km az=92.0

NEIC 23 01:42:48.3-0.7, 36.66S-72.00W, h57km, 5km, mb4.0/11, mb1.4/1.4, mb1mx3.5/1.4, Error ellipse: s-maj=19.3km s-min=10.3km az=84.0

ISC 23 01:42:47.4-0.4, 36.72S-0.03, 72.13W-0.06, h66km, 3km, h56km, 1.5km, pp-P, n79, s=105/84, mb4.3/17, 6C-5D, Near

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NILO, CICH, LNV, CACH, CHCH, VLOCH, LMEL, ANTU, SJCH, RCDM, FSR, CLCH, FCH, FCH, PELDE, PLCA, PLCA, CFAA, CFAA, CFAA, TRQA, CPUP, EFI, USHA, USHA, ARE, LPAZ, LPAZ, SIV, NNA, PMSA, SAML, CAMA, CAMA, BDFB, BDFB, SDV, SDV, VNA3, VNA3, VNA1, VNA1, VNA1, VNA2, SNA, SNA, SNA, RKT, TBI, PPT, PPT, MAW, MAW, TXAR, LTX, LTX, GD2, GD2, RAR, RAR, DBIC, DBIC, CCM, TUC, TUC, TUC, BOSA, BOSA, LBTB, LBTB, TPNV, DUG, HWUT, HWUT, NVAR, NVAR, PDAR, PDAR, PDAR, ELK, ELK, WRA, WRA.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EBER Berja, EJON La Jonquera, EJON Quesada, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EKA Eskdalemuir Ar, AKASO Malin Array Be, HFS Hagfors, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SIV San Ignacio, PGC 23 09:32:40.3, DLBC Dease Lake, etc.

Table with columns: WHY, Whitehorse, 2.49 345, Pn, Pn, 10 00 06.6, -2.6, etc.

CSEM 23 10:38:32.7-0.4, 59.29N-27.06E, h2km, ML2.6, Error ellipse: s-maj=10.5km s-min=6.8km az=75.0, Mining explosion.

NAO 23 10:38:33.0-1.4, 59.31N-26.90E, ML2.6 BER 23 10:38:33.2-2.6, 59.32N-27.15E, ML2.6(NAO), Suspected explosion

IDC 23 10:38:34.0-1.9, 59.38N-27.15E, mb1 3.4/4, mb1mx3.2/22, mbimp3.4/4, ML3.0/3, Error ellipse: s-maj=17.3km s-min=10.1km az=123.0

HEL 23 10:38:33.1-0.2, 59.32N-27.16E, ML2.6(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Main table for 565 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

PRU 23 11:29:42.8, 50.25N, 18.93E WAR 23 11:29:42.5, 50.23N-19.04E, h0km, ML2.4, Mining Induced, Poland

Table for 565 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 23 11:34:47.5-0.9, 28.95N-139.62E, h425km, 11km, mb2.8/3, mb1 3.1/5, mb1mx2.8/21, mbimp3.7/5, Error ellipse: s-maj=32.0km s-min=12.2km az=77.0

JMA 23 11:34:48.0-0.2, 29.13N-140.13E, h439km, 4km, M3.5 IDC 23 11:34:47.2-0.7, 29.03N-139.8E-0.2, h441km, 9km, n14, c095/19, mb3.1/3, Southeast of Honshu

Table for 565 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table for 2005 NOV with columns: JHY, Hanno, 6.82 356, S, S, 11 37 51.4, -1.2, etc.

MAN 23 11:39:54.1, 11.76N-124.23E, h9km, mb4.1, ML2.9, MS2.6, 1C-1D, Leyte

Table for 2005 NOV with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NEIC 23 11:43:06.3-0.6, 12.98S-168.81E, h244km, 6km, mb4.5/15, Error ellipse: s-maj=6.7km s-min=6.0km az=109.0

IDC 23 11:43:07.2-1.2, 13.01S-168.76E, h637km, 17km, mb3.9/20, mb1 3.9/23, mb1mx3.9/25, mbimp4.8/23, Error ellipse: s-maj=10.8km s-min=10.6km az=61.0

IDC 23 11:43:05.8-0.8, 13.10S-168.79E-0.6, h636km, 11km, n77, c090/81, mb4.5/33, 5C-2D, Vanuatu Islands

Main table for 2005 NOV with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table for 23d 12h with columns: PDAR, Pinedale Array, 92.76 47, P, P, 11 55 13.7, +0.5, etc.

IDC 23 11:52:02.9-3.4, 12.90S-168.89E, h619km, 43km, mb3.3/5, mb1 3.4/6, mb1mx3.1/5, mbimp4.3/6, Error ellipse: s-maj=32.0km s-min=25.9km az=18.0

ISC 23 11:52:02.9-2.8, 13.05S-168.9E-0.2, h638km, 35km, n10, c070/10, mb4.0/6, 2C, Santa Cruz Islands region

Table for 23d 12h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

PGC 23 12:23:34.6, 58.23N-133.57W, h1km, ML2.9/4, Near Mt. Ogden, British Columbia - Alaska border, Southeastern Alaska

Table for 23d 12h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 23 12:29:17.4-0.7, 15.26S-173.13W, mb4.0/8, mb1 4.3/9, mb1mx4.2/17, mbimp4.1/9, ML4.5/1, MS3.6/5, Ms1 3.6/5, ms1mx3.2/25, Error ellipse: s-maj=35.4km s-min=17.1km az=134.0

NEIC 23 12:29:18.7-0.5, 15.30S-173.07W, h10km, mb4.6/11, Error ellipse: s-maj=16.1km s-min=11.4km az=140.0

ISC 23 12:29:20.5-0.6, 15.35S-173.0W-0.1, h33km, n24, c159/14, mb4.0/9, MS3.5/5, Samoa Islands region

Main table for 23d 12h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

MAN 23 12:29:56.0, 11.75N-124.28E, h16km, mb4.1, ML2.9, MS2.6, Leyte

Table for 23d 12h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns for name, time, and other details. Includes entries like ECH Echery, STEIN Stein am Rhein, MMB Musomiste, etc.

Table with columns for name, time, and other details. Includes entries like GRR comp=Z,130nm,0.7s,mb5.5, SALAN Lac Salafie, EMV Vieux Emosson, etc.

Table with columns for name, time, and other details. Includes entries like ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NORSAR, Stnebicka Uta, Kaskin Array B, etc.

CSEM 23 20:31:14.6:0.1, 33.64N-5.56W, h15km, MD4.1, Error ellipse: s-maj=2.4km s-min=1.5km az=118.0

MDD 23 20:31:16.7:0.3, 33.54N-5.57W, h10km, MG4, mb4.2/14, Error ellipse: s-maj=4.7km s-min=3.6km az=132.0

NEIC 23 20:31:18.0, 33.72N-5.71W, h4km, MG4.1(MDD), After MDD.

CNRM 23 20:31:18.1, 33.49N-5.53W, h16km, MD4.1 SFS 23 20:31:18.0, 33.77N-5.72W, ML4.0

LDG 23 20:31:19.1:0.3, 33.68N-5.74W, h10km, MI3.4/2, Error ellipse: s-maj=5.8km s-min=4.4km az=15.0

INMG 23 20:31:19.1:1.1, 33.71N-5.75W, h17km, ML2.9, Error ellipse: s-maj=4.4km s-min=4.3km az=87.0

IGIL 23 20:31:19.8:0.3, 33.90N-5.70W, h2km, ML3.0

ISC 23 20:31:14.2:0.3, 33.68N-0.02-5.71W, 0.03, h10km, n112, c1942/195, Morocco

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ECOG, ELUO, EGRO, EMIN, MORF, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EPON, ELAN, ELRE, ETSF, etc.

IDC 23 20:33:27.1:3.7, 5.16S-145.45E, h63km, 33km, mb4.2/8, mb1.4/4.1, mb1mx4.4/15, mbtmp:6/11, ML4.4/3, MS3.6/7, Ms1.3/6.7, ms1mx3.2/21, Error ellipse: s-maj=2.5km s-min=1.8km az=63.0

BUI 23 20:33:28.5, 5.20S-145.40E, h78km, mB5.1, mb4.4 NEIC 23 20:33:29.0, 1.4, 5.21S-145.38E, h78km, 12km, mb4.9/9, Error ellipse: s-maj=9.6km s-min=8.8km az=218.0

ISC 23 20:33:27.1:2.0, 5.24S-10.08E, 145.37E-10.08, h75km, 18km, n42, c972/38, mb4.5/15, 2C, Eastern New Guinea region

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

BUI 23 20:53:13.0, 48.90N-122.10W, h10km, mb4.7, mb4.4, Ms4.5, Ms24.2

IDC 23 20:53:14.7:1.1, 48.96N-122.69W, mb3.4/3, mb1.3/8.7, mb1mx3.7/20, mbtmp:3.6/7, ML2.9/4, MS3.3/2, Ms1.3/3.2, ms1mx2.8/16, Error ellipse: s-maj=30.4km s-min=13.5km az=56.0

PNNSW 23 20:53:15.3, 48.85N-122.14W, h0km, MD4.0, Fault plane solution: NP1=95, 860; NP2=195, 873; Principal axes: T: P134, Azm59; P: P168; N: A323

PGC 23 20:53:15.4, 48.85N-122.15W, h1km, Mw4.4/5, mb3.5/2(NEIC), MD4.1(SEA)

PGC Near Deming, Washington. Felt (III-IV) in Albertabotsford, Chilliwack, Maple Ridge, Mission and Surrey, British Columbia.

NEIC 23 20:53:15.0, 48.85N-122.14W, MD4.0(SEA), MW4.4(PGC), After SEA.

NEIC Felt [V] at Deming; [IV] at Maple Falls; [III] at Bellingham, Everson and Sumas. Felt at Anacortes, Ferndale, Mount Vernon, Sedro Woolley and Seattle. Also felt at Abbotsford, Chilliwack, Maple Ridge, Mission and Surrey, British Columbia.

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

23d 20h

Table with columns for station name, frequency, and other identifiers. Includes stations like HNB Haney, MCW Mount Constitu, and WSLR Whistler.

2005 NOV

Table with columns for station name, frequency, and other identifiers. Includes stations like LLLB Lillooet, PNT Penticton, and WSLR Whistler.

578

Table with columns for station name, frequency, and other identifiers. Includes stations like BLBC Blue River, PHC Port Hardy, and WSLR Whistler.

NEIC 20-26:30.8; 1.0, 21.66S; 179.21W, h572km, 12km, mb4.3/3, Error ellipse: s-maj=20.5km s-min=10.2km az=149.0

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, and other data. Includes stations like AFI Afiatama, DZM Mont Dzumac, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Erimo, Akkeshi, Churui, Tanohata, Urukawa-nobuka, Nemuro 2, Nango, Ashorobuto, Ohasama, Ohata, Furan, Kayabe, Abashiri-Toko, Okushiri-Mats.

BUI 23 23:00:52.6, 2.46N, 133.08E, h10km, mb5.1, mb4.8, Ms4.2, Ms3.7

MOS 23 23:00:58.4, 0.8, 3.02N, 132.44E, h10km, mb4.7/6, Error ellipse: s-maj=20.6km s-min=8.2km az=113.8

IDC 23 23:00:58.7, 0.6, 3.02N, 132.42E, mb4.5/14, mb1 4.6/15, mb1mx4.5/22, mbtmp4.5/15, ML3.4/1, MS3.7/10, Ms1 3.7/10, ms1mx3.5/23, Error ellipse: s-maj=28.1km s-min=12.8km az=77.0

NEIC 23 23:01:00.4, 0.3, 2.98N, 132.40E, h10km, mb4.7/9, Error ellipse: s-maj=12.0km s-min=5.9km az=68.0

ISC 23 23:01:02.0, 0.2, 2.99N, 132.51E, 0.09, h33km, 23km, 5.6km, pP, P, 175, 0.09/68, mb4.6/37, MS3.7/9, 3C-2D, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Guam, Port Moresby, Fitzroy Crossi, Kuching, Tennant Creek, Warramunga Arr, Alice Springs, Charters Tower, Honiara, Nakatsue, Hachioji jima 2, Nanjing, Wuhuan, Enshi, Stephens Creek, Lanzhou, Lanzhou, Lanzhou, Warramunga Arr, Kull'dur, Gaotai, Lhasa, Lhasa, Lhasa, Hailar, Ulanbaatar, Ulanbaatar, Ulanbaatar, Gumba, Putchoki, Kakani, Daman, Gorkha, Koldanda, Zakamensk, ZAK, ZAK, ZAK.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Urumqi, Yakutsk, Attu Island-F, Nakanochi Array, Kuratov, Kuratov, Karatay Array, Tiksi, Borovoye Array, Borovoye, Borovoye, Borovoye, Akbulak array, Sverdlovsk, Aktyubinsk, ARU, ARU, ARU, Elselon Array, MAW, DAWY, INK, ARCIS, BBB, LPAZ.

MEX 23 23:11:26.1, 1.8, 19.35N-98.94W, h27km, g9gkm, MD3.6, Central Mexico

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Popocatepeti, Xit'an, Yautepuc, Yautepuc.

NEIC 23 23:44:58.0, 0.9, 2.82N, 142.85E, h10km, mb4.3/2, Error ellipse: s-maj=44.5km s-min=12.9km az=80.0

IDC 23 23:45:01.5, 7.8, 2.84N, 142.66E, h31km, mb3.9/9, mb1 4.0/10, mb1mx3.8/20, mbtmp4.1/10, ML4.1/1, Error ellipse: s-maj=69.3km s-min=17.3km az=80.0

ISC 23 23:45:01.3, 2.1, 24.70N, 0.09, 142.6E, 0.4, h41km, 19km, n18, 0.65/19, mb4.1/1, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chichi jima, CBJU, SONM, WRA, WRA, FITZ, ZAL, MKAR, STKA, STKA, STKA, ARCES, ARCES, ARCES, KANG, KANG, KANG, AKAS, NB2, NOA.

ATH 23 23:54:13.5, 3.8, 12N-26.86E, h43km, MD3.0/3, CSEM 23 23:54:13.1, 0.2, 38.22N-26.72E, h0km, 1km, MD3.0, Error ellipse: s-maj=3.3km s-min=2.7km az=23.0

ISK 23 23:54:15.1, 38.22N-26.84E, h5km, MD3.0, ISC 23 23:54:14.7, 0.6, 38.21N-26.03E, h27.6E, 0.05, h10km, n18, a137/23, Aegean Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Izmir, Balcova, Izmir, Bornova, Samos, Parasevi, Akhisar, Ayvalik, Milas, Apeiranthos, Apeiranthos, MANT.

Table with columns: YER, Yerkesik, BALB, Balikesir, DNZL, Bakircuk, DST, Dursunbey, EDC, Edincik, LSK, Leskovik. Includes Time, Res, h, m, s, ISC.

BUI 24 00:06:58.5, 22.04N-94.12E, h64km, mb4.6, ML4.1, Ms4.5, NEIC 24 00:06:58.7, 1.3, 21.98N-94.24E, h64km, 12km, mb3.9/3, Error ellipse: s-maj=16.9km s-min=10.8km az=73.0

IDC 24 00:07:04.3, 7.4, 22.19N-94.63E, h118km, 66km, mb3.6/12, mb1 3.8/12, mb1mx3.6/23, mbtmp4.0/12, Error ellipse: s-maj=41.4km s-min=18.3km az=52.0

ISC 24 00:06:58.1, 0.7, 21.97N-105.95E, 18E, 0.06, h82km, 8km, n46, a19/50, mb4.0/14, Myanmar

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Imphal, Shillong, Chiang Mai, Bokoro, Lhasa, Lhasa, Kunming, Gumba, Putchoki, Kakani, Daman, Gorkha, Koldanda, Koldanda, Allahabad, Hyderabad, Hyderabad, Bhopal, New Delhi, Kulp, Kulp, Kundal, Khetri, Khetri, Kulim, Ajmer, Urumqi, Ala-Archa, Malakanchi Array, Songino Array, Ulanbaatar, Kurk, ZAL, Borovoye Array, AKTK, AKTK, WRA, WRA, SANT, ARCES, HFS, GERES, ILAR, INK, TXAR, WRA, WRA, SONM, MKAR, BVAR, IDC 24 00:10:07.0, 3.4, 1.15N-97.18E, mb3.7/5, mb1 3.8/5, mb1mx3.6/18, mbtmp3.7/5, Error ellipse: s-maj=138.9km s-min=27.0km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, MZM Motu Zung, PPT Peapepe, etc.

IDC 24 00:29:00.6-1.7, 37.78N-144.90E, mb3.5/2, mb1 3.9/4, mb1mx3.6/22, mbtmp3.8/4, ML3.6/2, MS2.9/3, Ms1 2.9/3, ms1mx2.4/24, Error ellipse: s-maj=56.9km s-min=28.5km az=130.0

NIED 24 00:29:00.38.00N-144.50E, h5km, Mw4.0 Best double couple: M9.87x10^14 NP1=208, delta=74, lambda=90, NP2=28, delta=86, lambda=91

JMA 24 00:29:04.9-0.2, 38.03N-144.54E, h54km, M3.5, ISC 24 00:29:02.61-0.1, 37.97N-144.68E, 0.09, h33km, n13, delta=108, 17, mb3.6/2, MS3.2/1, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, JIO Jio, MIYJ Miyakonagasawa, etc.

IDC 24 01:30:30.6-1.5, 53.96N-164.20W, mb3.7/8, mb1 3.8/9, mb1mx3.7/23, mbtmp3.6/9, ML2.9/1, Error ellipse: s-maj=35.6km s-min=22.9km az=13.0

NEIC 24 01:30:37.1-0.5, 53.95N-164.04W, h48km, 5km, ML3.6(AEIC), Error ellipse: s-maj=9.7km s-min=3.4km az=158.0

ISC 24 01:30:36.1-0.7, 53.90N-160.7x163.99W, 0.07, h58km, 7km, n35, delta=82/44, mb3.8/7, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WESE West Dahl East, WESS West Dahl Sout, etc.

GUC 24 01:42:07.0-0.8, 31.54S-69.76W, h144km, 10km, MD3.8, ML4.0, NEIC 24 01:42:07.0, 31.54S-69.76W, h144km, MD3.8(GUC), After

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC, ISC 24 01:42:06.3-0.8, 31.50S-69.6W, etc.

IDC 24 02:09:54.1-2.1, 3.16N-132.96E, mb4.0/5, mb1 4.2/5, mb1mx4.0/16, mbtmp4.0/5, MS3.1/2, Ms1 3.0/2, ms1mx2.2/20, Error ellipse: s-maj=102.7km s-min=22.8km az=82.0, Western Caroline Islands

GUCO Guam, 15.68 48 LR, 02 18 41.6

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

ATH 24 02:52:13.3, 40.31N-25.25E, h26km, 1km, MD3.0/5, THE 24 02:52:13.8, 40.28N-25.0E, h5km, ML2.7, NEIC 24 02:52:13.3, 40.31N-25.25E, h26km, MD3.0(ATH), After ATH

CSEM 24 02:52:14.1-0.2, 40.30N-25.30E, h20km, ML2.7, Error ellipse: s-maj=6.2km s-min=5.2km az=141.0

ISC 24 02:54:14.1-0.7, 40.26N-0.05, 25.35E-0.06, h21km, 9km, n10, delta=97/15, 2C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LIA Limnos Island, LOS Limnos, etc.

IDC 24 03:02:13.0-3.1, 8.86S-115.45E, mb3.4/3, mb1 3.5/3, mb1mx3.4/14, mbtmp3.4/3, Error ellipse: s-maj=139.6km s-min=30.5km az=49.0, Bali region

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

NEIC 24 03:08:56.4, 16.02N-97.91W, h20km, MD3.9(MEX), After MEX

MEX 24 03:08:56.4-0.8, 16.02N-97.91W, h20km, 31km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa, PNIQ Vistita Hermosa, etc.

TIF 24 03:20:25.6, 42.87N-46.86E, h0km, 3km, MOS 24 03:20:24.5-1.7, 42.89N-46.85E, h4km, mb3.5/1, 2D, Error ellipse: s-maj=16.2km s-min=8.6km az=103.5, Eastern Caucasus

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

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

IDC 24 03:20:33.5-1.2, 3.07N-132.52E, mb4.0/6, mb1 4.2/6, mb1mx4.0/17, mbtmp4.1/6, MS3.4/3, Ms1 3.4/3, ms1mx2.9/21, Error ellipse: s-maj=74.3km s-min=18.4km az=75.0

NEIC 24 03:20:35.0-0.6, 3.00N-132.45E, h10km, mb4.3/4, Error ellipse: s-maj=24.7km s-min=9.9km az=71.0

ISC 24 03:20:33.3-0.8, 3.03N-132.4E-0.2, h10km, n16, delta=80/13, mb4.1/10, MS3.3/2, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, KKM Kota Kinabalu, etc.

NIED 24 03:21:00.38.20N-144.80E, h11km, Mw3.9 Best double couple: M8.01x10^14 NP1=209, delta=69, lambda=90, NP2=28, delta=82, lambda=91

IDC 24 03:21:13.6-1.3, 38.09N-145.11E, mb3.7/6, mb1 3.9/8, mb1mx3.7/22, mbtmp3.7/8, ML3.6/2, MS3.2/3, Ms1 3.2/3, ms1mx2.6/24, Error ellipse: s-maj=28.5km s-min=23.9km az=111.0

NEIC 24 03:21:14.9-0.6, 38.06N-145.15E, h10km, mb4.9/6, Mw3.9(NIED), Error ellipse: s-maj=14.3km s-min=9.7km az=152.0

JMA 24 03:21:18.7-0.2, 38.21N-144.77E, h52km, M4.0, ISC 24 03:21:16.4-1.2, 38.26N-0.05, 144.94E-0.07, h35km, 11km, n28, delta=128/39, mb4.2/11, MS4.2/1, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

NEIC 24 03:21:19.6-1.3, 38.09N-145.11E, mb3.7/6, mb1 3.9/8, mb1mx3.7/22, mbtmp3.7/8, ML3.6/2, MS3.2/3, Ms1 3.2/3, ms1mx2.6/24, Error ellipse: s-maj=28.5km s-min=23.9km az=111.0

NEIC 24 03:21:14.9-0.6, 38.06N-145.15E, h10km, mb4.9/6, Mw3.9(NIED), Error ellipse: s-maj=14.3km s-min=9.7km az=152.0

JMA 24 03:21:18.7-0.2, 38.21N-144.77E, h52km, M4.0, ISC 24 03:21:16.4-1.2, 38.26N-0.05, 144.94E-0.07, h35km, 11km, n28, delta=128/39, mb4.2/11, MS4.2/1, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

IDC 24 03:22:37.9-1.2, 9.82S-116.92E, h102km, 7km, mb4.1/8, mb1 4.2/8, mb1mx4.0/16, mbtmp4.5/8, Error ellipse: s-maj=22.1km s-min=15.3km az=149.0

24d 6h

NEIC 24 03:22:38.3; 1.0, 9.49S; 160.80E, mb4.2/5, Error ellipse: s-maj=19.5km s-min=17.2km az=74.0

ISC 24 03:22:36.1; 0.8, 9.85S; 10.0; 161.0E; 0.1, h104km, h104km, 1.4km; p-P, n22, c088/23, mb4.2/10, 1D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, CTA Charters Tower, WRAB Tennant Creek, etc.

IDC 24 03:24:20.5; 1.1, 10.84N; 43.47W, mb4.0/6, mb1 4.2/6, mb1mx3.8/22, mbtmp4.0/6, MS3.8/11, Ms1 3.8/11, ms1mx3.5/21, Error ellipse: s-maj=29.9km s-min=25.8km az=109.0

ISC 24 03:24:20.4; 0.7, 10.9N; 0.1x43.4W; 0.1, h10km, n24, c1508/11, mb4.0/6, MS3.8/11, 3C, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRF Caravelle, DZM Fort de France, SJG San Juan, BDFB Brasilia, etc.

JMA 24 03:49:52.8; 0.1, 38.23N; 144.72E, h32km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

NEIC 24 03:53:55.4; 1.4, 20.18N; 120.54E, mb3.7/3, mb1 3.8/3, mb1mx3.6/18, mbtmp3.7/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/24, Error ellipse: s-maj=151.1km s-min=24.5km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOW Kunigami, SONM Songoing Array, MKAR Makanchi Array, etc.

2005 NOV

CZD Mishlifen 3.63 49 i S Pn 03 58 47.0 -0.7

Main table of station data for 2005 NOV, including stations like MIF, ZFT, TZK, EFAM, CFTV, etc.

NEIC 24 03:59:44.5, 40.44N; 125.41W, h11km, MD3.2(NCEDC), After NCEDC, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHMM Horse Mountain, KPM Canto Peak, KIPM Iron Peak, etc.

NIED 24 04:39:00, 38.20N; 144.80E, h5km, Mw3.8 Best double couple: M6.05x10^14 NP1; 210°, 870°, -190°. NP2; 29°, 820°, -190°.

IDC 24 04:39:39.1; 1.38, 25N; 145.05E, mb3.5/6, mb1 3.8/7,

584

mb1mx3.6/23, mbtmp3.5/7, ML3.4/1, Error ellipse: s-maj=31.0km s-min=23.7km az=139.0

JMA 24 04:39:41.6; 0.2, 38.21N; 144.78E, h50km, M3.8, ISC 24 04:39:40.2; 2.5, 38.25N; 0.09; 144.86E; 0.07, h30km, 19km, n15, c090/21, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JIO Ouri, etc.

NEIC 24 04:53:47.4, 12.03N; 62.02W, h147km, MD3.6(TRN), After TRN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRW Mount Saint Ca, SWB Belmont, TPR Prospect, etc.

NEIC 24 04:56:34.4, 25.49S; 68.97W, h96km, MD3.7(GUC), After GUC

GUC 24 04:56:34.4; 0.6, 25.49S; 68.97W, h96km, 25km, MD3.7, ML3.6, 4C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPN1 Cerro Paranal, CRCH Chaqaral, ANCH Antofagasta, etc.

RSRP 24 05:27:27.8, 19.81N; 69.37W, h97km; 11km, MD4.1/10, MD4.1/10

NEIC 24 05:27:27.8, 19.81N; 69.37W, h97km, MD4.1(RSPR), After RSPR

ISC 24 05:27:27.8; 0.2, 19.81N; 0.2; 69.52W; 0.07, h100km, n15, c0575/29, 10C, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PR, MGP Maguayo, AOPR Arecibo Observ, etc.

JMA 24 05:56:50.6; 0.3, 31.69N; 140.32E, h126km, 2km, M3.5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, BS01 Boso 1, BS02 Boso 2, etc.

NNC 24 06:19:25.4; 1.3, 35.34N; 72.19E, mpv3.3, Error ellipse: s-maj=40.4km s-min=23.2km az=91.0

ISC 24 06:19:20.8; 1.4, 34.91N; 0.09; 72.9E; 0.2, h33km, 19km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Thein Dam, Kaipa, and Al-Arch.

MOS 24 06:38:20.7-0.9, 33.87N, 141.66E, h33km, mb4.2/2, Error ellipse: s-maj=32.7km s-min=13.8km az=122.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BOSO, BSO3, BSO4, etc.

ISC 24 06:38:21.2-1.1, 34.00N, 0.05-141.79E, 0.09, h35km, 10km, n26, 0571/33, mb3.7/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BSO1, BSO3, BSO4, etc.

IDC 24 06:39:37.5-2.0, 34.62N, 73.45E, mb4.0/3, mb1 4.1/6, mb1mx3.7/21, mbtmp3.9/6, ML3.6/3, MS3.3/4, Ms1 3.3/1, ms1mx2.4/23, Error ellipse: s-maj=54.1km s-min=28.5km az=65.0

NINC 24 06:39:48.2-2.3, 35.31N, 72.27E, mpv3.8, Error ellipse: s-maj=33.3km s-min=17.9km az=91.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like THN, THN, DLH, etc.

JMA 24 06:39:47.9-0.4, 34.04N, 141.77E, h19km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHJO, CHJO, JHM2, etc.

GUC 24 07:28:34.0-0.8, 22.93S, 68.02W, h150km, 6km, MD3.8, ML3.7, 2D, Northern Chile

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

Table with columns: ANCH, CPN1, CPN1, CPN1, CRCH, CDCH. Includes stations like Cerro Paranal, Chagral, Caldera.

NEIC 24 07:52:07.3, 15.75N, 93.88W, h65km, mb4.5/1, MD4.4(MEX), After MEX.

MEX 24 07:52:07.3-1.4, 15.75N, 93.88W, h65km, 40km, MD4.4, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SCX, SCX, CMIG, etc.

PGC 24 07:57:02.5, 58.32N, 133.53W, h1km, ML3.4/4, Near Mt. Ogden, British Columbia - Alaska border, Southeastern Alaska

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RUBB, FNNB, FNNB, etc.

CSEM 24 09:29:59.6-0.1, 58.98N, 18.33E, h2km, ML2.1, Error ellipse: s-maj=2.0km s-min=1.8km az=136.0, Mining explosion.

UPP 24 09:30:00.4, 58.99N, 18.21E, h0km, ML3.0, Mining explosion.

NAO 24 09:30:03.1, 2.6, 59.17N, 18.11E, ML2.1

BER 24 09:30:03.9, 3.5, 59.15N, 18.18E, ML2.1(NAO), Suspected explosion

HEL 24 09:30:01.3-0.1, 58.99N, 18.18E, ML2.1, ML3.0(UPP), ML2.1(NAO), Explosion, Baltic Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NYNU, NYNU, NRTU, etc.

ROM 24 09:55:38.7-0.4, 45.80N, 14.16E, h8km, 3km, Md2.8/8, ML2.7/6, Error ellipse: s-maj=4.9km s-min=2.0km az=86.0

NEIC 24 09:55:38.7, 45.80N, 14.16E, h8km, ML2.7(ROM), ML2.5(LJU), After ROM.

LJU 24 09:55:39.1, 45.80N, 14.19E, h15km, ML2.5

CSEM 24 09:55:39.4-0.1, 45.80N, 14.18E, h12km, ML3.2/4, Error ellipse: s-maj=1.3km s-min=0.7km az=15.0

VIE 24 09:55:40.1, 0.3, 45.85N, 14.29E, h8km, mb2.0/4, ML2.3/4, Error ellipse: s-maj=1.9km s-min=1.3km az=34.0

ISC 24 09:55:39.3-0.3, 45.81N, 0.02-14.21E, 0.02, h10km, n83, 1501/144, 20C-12D, Northwestern Balkan Peninsula

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

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

IDC 24 09:49:17.5-1.4, 26.03N, 102.25E, mb3.8/4, mb1 3.9/4, mb1mx3.7/18, mbtmp3.8/4, MS3.3/4, Ms1 3.3/4, ms1mx2.8/25, Error ellipse: s-maj=70.0km s-min=23.5km az=61.0

BUI 24 09:49:18.3, 25.92N, 102.17E, h8km, mb4.7, mb4.2, ML3.5, Ms4.0, Msz3.5

NEIC 24 09:49:18.6-0.6, 26.03N, 102.08E, h10km, mb4.1/4, Error ellipse: s-maj=13.6km s-min=11.1km az=58.0

ISC 24 09:49:16.3-0.5, 25.97N, 0.04-102.18E, 0.05, h10km, n21, 0585/24, mb4.0/9, MS3.2/4, Yunnan

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

CD2 24 09:49:16.3-0.5, 25.97N, 0.04-102.18E, 0.05, h10km, n21, 0585/24, mb4.0/9, MS3.2/4, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

LZH 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

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

WMO 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

WMO 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

WMO 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

WMO 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

WMO 24 09:55:39.4-0.1, 45.80N, 14.19E, h15km, ML2.5

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

Table with columns: CBN, Name, Frequency, Power, Status, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like Corbin, Zalesovo, Newcomb, etc.

Table with columns: GNI, Name, Frequency, Power, Status, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like Garni, MZLS, DJNS, etc.

Table with columns: OJC, Name, Frequency, Power, Status, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like Ojcow, Sivrigoyun, Haifa, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PKSG, WETZ, GIVF, GECZ, GERES, etc.

Main table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MAIM, ROB, STV, RNB, ENR, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SNA4, SNA3, Neumayer Olymp, etc.

Table with columns: SNA, Sname, Time, Res, P, and numerical values for various stations.

TIF 24 13:48:12.3, 43.20N, 46.05E, h6km, 2km
MOS 24 13:48:13.2, 0.9, 43.25N, 46.16E, h11km, mb3.9/1, Error ellipse: s-maj=13.4km s-min=8.1km az=21.9

ISC 24 13:48:12.4, 0.8, 43.41N, 0.06, 46.16E, 0.04, h10km, n17, 1533/32, Eastern Caucasus

Main table for 24d 17h section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

NDI 24 14:10:48.5, 4.1, 34.93N, 72.53E, h45km, MD3.7, ML3.6
NCC 24 14:11:00.8, 3.9, 35.12N, 73.22E, h103km, 72km, mpv3.8, Error ellipse: s-maj=69.4km s-min=31.9km az=97.0

ISC 24 14:10:50.8, 1.0, 34.61N, 0.10, 72.9E, 0.2, h33km, n10, 1565/17, 1C-2D, Pakistan

Main table for 24d 17h section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

ISC 24 14:44:42.6, 8.8, 19.16S, 174.54W, h56km, 68km, mb3.5/5, mb1.3/6, mb1mx3.7/16, mbmtpp3.8/6, MS3.4/2, Ms1.3/4, 2, ms1mx2.8/18, Error ellipse: s-maj=110.6km s-min=22.8km az=148.0, Tonga Islands

Main table for 24d 17h section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

ISC 24 15:44:04.5, 2.5, 2.11N, 96.27E, mb4.1/6, mb1.4/2, mb1mx3.9/17, mbmtpp4.1/6, Error ellipse: s-maj=102.9km s-min=26.7km az=116.0, Northern Sumatra

Main table for 24d 17h section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

Table with columns: BVAR, Sname, Time, Res, P, and numerical values for various stations.

ISC 24 16:20:52.1, 3.1, 10.06S, 171.20E, mb3.7/4, mb1.3/9/4, mb1mx3.7/14, mbmtpp3.7/4, Error ellipse: s-maj=106.4km s-min=31.7km az=136.0, Bougainville - Solomon Islands region

Main table for 2005 NOV section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

ISC 24 16:34:38.0, 0.7, 30.18N, 99.85E, mb4.1/14, mb1.4/2/15, mb1mx4.2/22, mbmtpp4.1/15, ML3.3/1, MS3.5/6, Ms1.3/5/6, ms1mx3.4/21, Error ellipse: s-maj=23.9km s-min=16.8km az=51.0

BUI 24 16:34:40.6, 30.18N, 99.84E, h23km, mb4.8, mb4.5, ML4.0, Ms4.2, Ms2.0

MOS 24 16:34:40.7, 1.1, 30.13N, 99.76E, h33km, mb4.8/10, Error ellipse: s-maj=11.5km s-min=9.2km az=109.6

NEIC 24 16:34:41.1, 2.4, 30.11N, 99.82E, h22km, 18km, mb4.6/10, Error ellipse: s-maj=11.0km s-min=9.9km az=180.0

ISC 24 16:34:41.3, 0.9, 30.31N, 0.05, 99.80E, 0.04, h37km, 10km, n76, 1526/79, mb4.4/29, MS3.5/5, 1C-1D, Sichuan

Main table for 2005 NOV section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

ISC 24 16:51:40.5, 1.8, 42.96N, 46.98E, h10km, mb3.8/1, Error ellipse: s-maj=17.8km s-min=11.5km az=95.4

TIF 24 16:51:41.0, 42.96N, 47.05E, h1km, 1km

CSEM 24 16:51:40.5, 0.3, 42.96N, 46.98E, h10km, mb3.8, Error ellipse: s-maj=7.7km s-min=4.0km az=7.0, After OBN

ISC 24 16:51:41.7, 1.1, 43.03N, 0.16, 47.03E, 0.05, h10km, n12, 1522/21, 1C-2D, Eastern Caucasus

Main table for 2005 NOV section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

Table with columns: HIA, Sname, Time, Res, P, and numerical values for various stations.

ISC 24 17:04:07.4, 3.3, 74.37N, 71.96E, h20km, ML3.2

NCC 24 17:04:28.2, 19.0, 34.82N, 72.23E, mpv3.4, Error ellipse: s-maj=123.1km s-min=189.9km az=81.0

ISC 24 17:04:15.7, 2.5, 34.55N, 0.1x73.3E, 0.4, h10km, n9, 1585/12, 1D, Pakistan

Main table for 2005 NOV section, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, P, and numerical values.

AYAN	comp=Z,9.0nm,0.6s	AML	AML	17 08 03.4		
SONA	Sohna 7.03 151	eS	Sn	17 07 21.8	-0.3	
SONA	comp=E,9.6nm,0.3s	AML	AML	17 08 05.9		
SONA	comp=N,8.6nm,0.7s	AML	AML	17 08 07.4		
KK31	Kararay Array 8.86 347	P	P	17 07 30.9	+4.2	
KK31	comp=N,0.7nm,0.4s,baz=164,slow=12,SNR=1.4	iS	Sn	17 08 07.6	-0.1	
KOLN	Koldanda 11.10 124	eP	P	17 06 58.5	+0.9	
GKN	Geirha 11.68 121	eP	P	17 07 04.2	-1.3	
KKN	Kakani 12.26 120	eP	P	17 07 11.7	-1.7	
GUN	Gumba 12.63 118	eP	P	17 07 17.3	-1.0	
GUN	comp=N,4.4nm,0.3s					

TRN 24 17:13:05.2, 11.16N:61.85W, h75km, MD2.6
 FUNV 24 17:13:05.5, 11.04N:61.91W, h79km, MW2.0
 ISC 24 17:13:04.2, 1.4, 11.12N:0.06, 61.91W, 0.04, h76km, 15km, n7, 0.06/14, 2D, Windward Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
GUIV	Guiria	0.56 213	Op	ISC	17 13 19.2	+0.9
GUIV		eS	P	Sb	17 13 28.6	-0.1
TRN	Trinidad (W)	0.68 133	iP	S	17 13 20.5	+1.0
TRN		eS	P	S	17 13 31.2	+0.2
GRW	Mount Saint Ca	1.06 131	iP	S	17 13 24.0	0.0
GRW		eS	P	S	17 13 38.5	-0.4
TPR	Prospect	1.11 86	eP	S	17 13 24.8	+0.2
ITEV	Isla Los Testi	1.22 281	eP	S	17 13 27.2	+1.1
ITEV		eS	P	S	17 13 43.1	+0.6
CRUV	Carupano	1.38 251	eP	S	17 13 27.6	-0.7
CRUV		eS	P	S	17 13 44.1	-1.1
GUNV	Guanoco	1.39 227	eP	S	17 13 28.5	0.0
GUNV		eS	P	S	17 13 45.8	-0.7

NEIC 24 17:15:19.6, 15.22N:96.85W, h30km, MD3.7(MEX), After MEX.
 MEX 24 17:15:19.2, 1.4, 15.19N:96.86W, h20km, 48km, MD3.7, Near coast of Oaxaca

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
HUIG	Huatulco	0.94 52	iP	Pb	17 15 34.9	-1.7
HUIG		eS	P	Sb	17 15 44.6	-3.9
VHO	Vista Hermosa	1.87 4	iP	S	17 15 46.8	-3.8
VHO		eS	P	Sn	17 15 46.7	-4.1
OXX	Oaxaca	1.88 4	iP	Pn	17 15 46.7	-4.1
OXX		eS	P	Sn	17 16 10.5	-3.7
CMIG	Matias Romero	2.69 45	eP	S	17 16 59.0	-3.3
CMIG		eS	P	Sn	17 16 29.7	-4.9
CMIG	Matias Romero	2.69 45	eP	S	17 15 58.8	-3.5
CMIG		eS	P	Sn	17 16 27.7	-6.9
PPM	Popocatepetl	4.20 337	iP	Pn	17 16 19.4	-4.4

CSEM 24 17:28:15.7, 0.2, 45.83N:11.19E, h10km, ML3.2/7, Error ellipse: s-maj=3.5km s-min=2.8km az=19.0
 ROM 24 17:28:16.8, 0.2, 45.86N:11.19E, h10km, Md2.5/7, Ml2.0/6, Error ellipse: s-maj=2.6km s-min=1.5km az=163.0
 VIE 24 17:28:17.7, 0.5, 45.91N:11.17E, mb1.9/1, Ml2.7/5, Error ellipse: s-maj=3.5km s-min=2.4km az=129.0

ISC 24 17:28:17.0, 0.5, 45.85N:0.03, 11.21E, 0.04, h10km, n24, 0.093/37, 7C-3D, Northern Italy

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
CTI	Castel Tesino	0.36 57	Op	Pg	17 28 24.7	+0.2
CTI		eS	P	Sg	17 28 30.0	+0.5
CGRP	Cima Grappa	0.41 86	iP	Sg	17 28 30.1	+0.1
CGRP		eS	P	Sg	17 28 31.1	+0.1
MABI	Malga Bissina	0.53 293	Pg	Pg	17 28 27.2	-0.5
MABI		eS	P	Sg	17 28 35.2	+0.3
SALO	Salr 43nm,0.1s	0.54 245	Pg	Pg	17 28 27.7	-0.2
TEOL	Teolo 53nm,0.3s	0.59 147	iP	Pg	17 28 28.0	-0.9
TEOL		eS	P	Sg	17 28 35.4	-1.4
APPI	Appiano	0.63 1	iP	Pg	17 28 29.9	+0.2
APPI		eS	P	Sg	17 28 38.8	+0.6
FAU	Forcella Aurin	0.66 54	eP	Pg	17 28 30.3	+0.1
BRMO	Bormio	0.86 317	iP	Pg	17 28 33.8	-0.4
BRMO		eS	P	Sg	17 28 45.8	+0.1
CAE	Caneva	0.87 79	eP	Pg	17 28 34.7	+0.3
BRES	Bresanone	0.92 23	Pg	Pg	17 28 35.1	-0.4
MLNI	Malnisio	1.02 72	iP	Pg	17 28 38.2	+0.7
SEST	Monte Rota	1.14 37	Pg	Pg	17 28 39.7	+0.7
SEST		eS	P	Sg	17 28 56.9	+1.9
SCE	Schlegheis	1.24 16	iP	Pg	17 28 40.9	-0.9
SC		eS	P	Sg	17 28 57.3	-1.0
SQTA	Sankt Quirin	1.37 360	eP	Pn	17 28 42.7	+0.4
SQTA	comp=Z,21nm,0.2s,SNR=22					
SQTA	Sankt Quirin	1.37 360	Pn	Pn	17 28 42.7	+0.4
SQTA						
WTTA	Wattenberg	1.44 12	eP	Pn	17 28 44.5	+1.2
WTTA	comp=Z,3.5nm,0.1s,SNR=10					
WTTA	Wattenberg	1.44 12	Pn	Pn	17 28 44.5	+1.2
WTTA						
MOTA	Moosalm	1.50 357	eP	Pn	17 28 45.8	+1.7
MOTA	comp=Z,6.7nm,0.2s,SNR=21					
MOTA	Moosalm	1.50 357	Pn	Pn	17 28 45.8	+1.7
MOTA						
WATA	Walderalm	1.51 9	eP	Pn	17 28 45.5	+1.3
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	iP	Sg	17 28 06.0	-1.3
WATA						
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,1.9nm,0.1s,SNR=6.1					
WATA	Walderalm	1.51 9	Pn	Pn	17 28 45.5	+1.2
WATA	comp=Z,6.8nm,0.1s					

Table with columns for station name, time, and other parameters. Includes stations like ZAF, MERS, OFRI, etc.

Table with columns for station name, time, and other parameters. Includes stations like MTLF, MEZF, CAF, etc.

Table with columns for station name, time, and other parameters. Includes stations like NDI, KUDL, KUDL, etc.

IND 24 19:59:22.9e.6,3,36.37N;70.91E,h172km;59km,mb3.4/9,

mb1 3.5/12,mb1mx3.4/23,mbtmp4.0/12, Error ellipse: s-maj=29.3km s-min=18.6km az=27.0

MOS 24 19:59:23.9e.1,1,36.55N;70.78E,h190km,mb3.9/1, Error ellipse: s-maj=15.6km s-min=7.2km az=95.1

NEIC 19:59:24.2e.1,3,36.49N;70.87E,h180km,mb3.9/4,1/11, Error ellipse: s-maj=15.3km s-min=5.9km az=58.0

NNC 24 19:59:31.6e.4,6,37.09N;70.66E,h203km;48km,mpv4.1, Error ellipse: s-maj=42.2km s-min=28.9km az=28.0

ISC 24 19:59:23.9e.0.4,36.49N;0.03,70.98E;0.07,h194km;6km, n66,e125/80,mb3.6/2,10,4C-11D,Hindu Kush region

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEP, CHCP, THW, etc.

MAN 24 20:03:48.5,7.96N;125.14E,h5km,mb3.5,ML2.2,MS1.6,

1D,Mindanao Code Station Name Az Az2 Op Phase ID Time Res ISC

BKUP Musang 0.11 225 eP Pg 20 03 54 +0.6

CGP Cagayan de Oro 0.66 318 eS Pg 20 04 01.5 -0.3

PAGZ Pagadian 1.75 267 eP Sg 20 04 19.1 +0.5

ISC 24 20:04:23.6e.7,9,33.49N;25.46E,mb3.6/2,mb1 3.6/4, mb1mx3.4/20,mbtmp3.5/4,ML3.6/2, Error ellipse: s-maj=144.9km s-min=38.6km az=37.0

ATH 24 20:04:30.5,34.03N;25.94E,h10km,MD3.5/3

CSEM 24 20:04:30.5,34.03N;25.94E,h10km,MD3.5/3,After ATH

NEIC 24 20:04:30.5,34.03N;25.94E,h10km,MD3.5(ATH),After ATH

ISC 24 20:04:24.4e.7,6,33.7N;0.4e.25,7E;0.2,h1km;30km,n8,e1922/8,mb3.6/2,Eastern Mediterranean Sea

Code Station Name Az Az2 Op Phase ID Time Res ISC

XRY Khrisi 1.16 2 ePB Pb 20 04 46.0 +0.9

NPS Neapolis 1.55 359 ePG Pg 20 04 55.0 -0.3

IDI Anoyia 1.69 339 Pn Pn 20 04 57.0 +1.7

KARP 2.22 34 ePN Pn 20 05 04.0 +1.2

AKAG Malin Aray Be 17.18 8 eP Pn 20 08 26.8 -0.3

GERES GERES Array B 17.55 333 P 20 08 31.6 -0.2

ARCES ARCES Array B 35.88 350 P 20 11 26.6 -0.8

MKAR Makanchi Array 44.25 55 P 20 12 36.7 -0.2

BUJ 24 20:17:54.4,53.91N;163.61W,h28km,mb4.8,mb4.9, MS4.6,MS24.3

MOS 24 20:17:54.7,0.9,53.97N;164.08W,h10km,mb5.3/36, Error ellipse: s-maj=10.6km s-min=4.6km az=85.6

IND 24 20:17:57.1e.3,8,53.90N;164.15W,h17km;23km,mb4.5/28, mb1 4.6/31,mb1mx4.6/34,mbtmp4.5/31,ML4.1/3,MS4.1/13, Ms1 4.1/13,ms1mx3.9/42, Error ellipse: s-maj=15.3km s-min=9.9km az=173.0

HRVD 24 20:17:59.8e.0,6,53.74N;163.97W,h40km;1km,MW4.8/45, Centroid moment Tensor Solution. LP body waves: s27,c39,Manile waves: s45,c65; Half duration: 0 Moment tensor: Scale: 1016N; M1: 48.2; M2: 18.0; M3: 0.2; M4: 0.2; M5: 0.2; M6: 0.2; M7: 0.2; M8: 0.2; M9: 0.2; M10: 0.2; M11: 0.2; M12: 0.2; M13: 0.2; M14: 0.2; M15: 0.2; M16: 0.2; M17: 0.2; M18: 0.2; M19: 0.2; M20: 0.2; M21: 0.2; M22: 0.2; M23: 0.2; M24: 0.2; M25: 0.2; M26: 0.2; M27: 0.2; M28: 0.2; M29: 0.2; M30: 0.2; M31: 0.2; M32: 0.2; M33: 0.2; M34: 0.2; M35: 0.2; M36: 0.2; M37: 0.2; M38: 0.2; M39: 0.2; M40: 0.2; M41: 0.2; M42: 0.2; M43: 0.2; M44: 0.2; M45: 0.2; M46: 0.2; M47: 0.2; M48: 0.2; M49: 0.2; M50: 0.2; M51: 0.2; M52: 0.2; M53: 0.2; M54: 0.2; M55: 0.2; M56: 0.2; M57: 0.2; M58: 0.2; M59: 0.2; M60: 0.2; M61: 0.2; M62: 0.2; M63: 0.2; M64: 0.2; M65: 0.2; M66: 0.2; M67: 0.2; M68: 0.2; M69: 0.2; M70: 0.2; M71: 0.2; M72: 0.2; M73: 0.2; M74: 0.2; M75: 0.2; M76: 0.2; M77: 0.2; M78: 0.2; M79: 0.2; M80: 0.2; M81: 0.2; M82: 0.2; M83: 0.2; M84: 0.2; M85: 0.2; M86: 0.2; M87: 0.2; M88: 0.2; M89: 0.2; M90: 0.2; M91: 0.2; M92: 0.2; M93: 0.2; M94: 0.2; M95: 0.2; M96: 0.2; M97: 0.2; M98: 0.2; M99: 0.2; M100: 0.2

Table with columns for name, time, and status. Includes entries like AKLV Lava Point, BALA Baldy Mountain, and various other locations with their respective times and status indicators.

Table with columns for name, time, and status. Includes entries like MAT Matushiro, MJAR Matushiro Arr, and various other locations with their respective times and status indicators.

Table with columns for name, time, and status. Includes entries like NOA NORSAR Array B, NAO NORSAR Subarra, and various other locations with their respective times and status indicators.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like PERS, KIV, KOLN, GROS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like KK31, AAK, AB31, MAN 24:20:24.29, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like KMI, MAJO, MJAR, etc.

NCC 24:20:18.55±1.0, 6.36, 69.69N, 70.63E, h124km, 23km, mpv3.0, 1C, Error ellipse: s-maj=9.3km s-min=5.6km az=84.0, Hindu Kush region

KZA Kyzart 67.10 319 P P 20 39 48.9 +1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TKM2, KBK, UCH, CHMS, AAK, AAK, AAK, FRU, SEY, USP, AML, ZAL, EKSZ, KURK, KURK, NVS, NVS, NVS, KKR, KKR, VOSK, VOSK, TIXI, TIXI, BVAO, BVAO, BVAR, BVAR, BRVK, BRVK, BILL, BILL, BILL, BILL, Vnda, Vnda, Vnda, MAW, MAW, MAW, SVE, SVE, SVE, SVE, OPO, ARU, ARU, ARU, UMR, MIB, MIB, NAY, NAY, NAY, SLKM, GNI, GNI, GNI, MCK, MCK, MCK, KMBO, KMBO, KMBO, OBN, OBN, OBN, INK, ARCES, BOSAR, TXAR, CPUP, LPAZ, LPAZ, LPAZ, SDV.

NIED 24 20:29:00, 44.20N, 149.30E, h20km, Mw4.2 Best double couple: M2.31x10^15 NP1.0, 52.874, 1.151. NP2.0, 150.862, 1.18.
BUJ 24 20:30:01, 7.44.74N, 149.02E, h37km, mb5.1, mb4.6, Ms4.5, Msz4.1
IDC 24 20:30:01, 7.1, 5.44.15N, 149.06E, h39km, mb3.8/12, mb1.3/9/14, mb1mx3.9/22, mbtmp4.0/14, ML3.2/2, MS3.3/1, Ms1.3/3.1, ms1mx2.4/4.1, Error ellipse: s-maj=43.9km s-min=16.1km az=173.0
MOS 24 20:30:02, 21.1, 44.76N, 148.75E, h33km, mb4.8/10, Error ellipse: s-maj=16.0km s-min=10.8km az=121.8
NEIC 24 20:30:02, 1.0, 8.44.35N, 148.90E, h35km, mb4.6/10, Error ellipse: s-maj=18.5km s-min=10.1km az=157.0
ISC 24 20:30:01.1-2.3, 44.3N, 0.1-1.148.9E, 0.1, h46km, 22km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ASAJ, ASAJ, ASAJ, YSS, YSS, MAJO, MAJO, MAJO, MJAR, MJAR, HIA, HIA, HIA, YAK, YAK, YAK, TIA, TIA, BOD, BOD, SONM, IMA2, ILAR, ZAL, INK, INK, INK, INK, MKAR, MKAR, MKAR, KURK, KURK, KURK, BVAR, BVAR, BRVK, BRVK, BRVK, AAK, AAK, AAK, RES, RES, RES, ARU, ARU, ARU, JOF, KAF, KAF, FINES, NVAR, PDAR, PDAR, NB2, NOA, NOA, NOA, NOA, NOA, NOA, KIV, KIV, KIV, KASG, GERES, TXAR, TXAR.

NEIC 24 20:58:30, 7.4, 0.18.22S, 174.30W, h9km, 24km, mb4.8/15, Error ellipse: s-maj=14.4km s-min=6.1km az=140.0
IDC 24 20:58:38, 1.3, 0.17.88S, 174.69W, h58km, 27km, mb4.2/7, mb1.4/5.8, mb1mx4.2/16, mbtmp4.6/8, MS3.6/4, Ms1.3/6.4, ms1mx3.3/19, Error ellipse: s-maj=40.7km s-min=15.9km az=142.0
ISC 24 20:58:33.0-1.2, 18.2S, 0.1x174.4W, 0.1, h33km, 18km, n54, e097/48, mb4.7/22, MS4.0/2, Tonga Islands
Code Station Name Az Az' Phase ID Time Res h m s ISC
AFI Afiamalu 4.91 31 P 20 59 46.0 +0.2
AFI 118nm, 0.3s, baz=91, slow=22, SNR=11
AFI comp=2.286nm, 19.5s, baz=300, slow=26
AFI Afiamalu 4.91 31 P 20 59 45.6 -0.8
AFI 118nm, 0.3s, baz=91, slow=22, SNR=11
AFI Rarotonga 14.08 105 P 21 01 44.5 -7.9
RAR 2.1nm, 0.3s, baz=285, slow=8.7, SNR=13
RAR 1.8nm, 0.3s, baz=17, slow=14, SNR=3.6
RAR comp=2.113nm, 19.8s, baz=252, slow=30
DZM Mont Dzumac 18.43 255 P 21 02 50.2 +2.4
0.5nm, 0.3s, baz=74, slow=19, SNR=8.3
URZ Urewera 21.36 199 P 21 03 17.3 -2.3
18nm, 0.7s, mb5.0, baz=89, slow=4.6, SNR=24
PRZ Papeete 23.61 92 eLR LR 21 08 48.3
521nm, 30.2s
TBI Tubuai 23.85 107 eLR LR 21 08 51.2
c56nm, 30.8s
RPZ Rata Peaks 28.29 203 P 21 04 27.4 +1.0
7.7nm, 0.7s, mb4.4, slow=6.1, SNR=4.1
RIK Rikitea 37.12 104 eLR LR 21 15 00.0
2.2nm, 0.3s
CTA Charters Tower 37.19 261 eP P 21 05 44.1 +1.0
16nm, 0.7s, mb5.0
CTAO Charters Tower 37.19 261 eP P 21 05 43.9 +0.8
18nm, 0.7s, mb5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TAU, STKA, STKA, WB2, WRAB, WRA, WRA, KAKA, FITZ, FITZ, KKM, ISA, NVAR, TPH, HLID, MNTX, TXAR, PV10, ANMO, ANMO, ANMO, PV01, NEW, GDL2, AHID, MCK, CPXR, COLA, ILAR, VNA3, VNA3, VNA3, SNA, SNA, SNA, VNA2, VNA2, VNA2, BVAR, CLL, CLL, CLL, CLL, GERES, DAVOX, DAVOX, DAVOX.

HLW 24 21:00:15, 0.34.15N, 25.76E, h14km, Mb4.6
IDC 24 21:00:17, 1.0, 6.33.99N, 25.77E, Mb4.2/20, mb1.4/4.2/7, mb1mx4.3/32, mbtmp4.3/27, ML4.5/6, MS4.1/4, Ms1.4/1.4, ms1mx3.6/29, Error ellipse: s-maj=14.0km s-min=12.0km az=83.0
BUJ 24 21:00:18, 0.33.75N, 25.37E, h41km, mb5.4, mb4.9, Ms4.5, Msz4.2
ATH 24 21:00:19, 7.33.90N, 25.73E, h25km, MD4.1/6
MOS 24 21:00:19, 1.1, 33.95N, 25.69E, h27km, mb4.7/33, Error ellipse: s-maj=5.4km s-min=2.5km az=112.0
NEIC 24 21:00:19, 7.33.90N, 25.73E, h25km, mb4.4/73, MS3.9/5, MD4.1(ATH), After: ATH
SKO 24 21:00:20, 4.33.39N, 24.99E, h60km
CSEM 24 21:00:25, 7.34.20N, 25.68E, h60km, mb4.5
NIC 24 21:00:26, 6.0, 4.35.20N, 26.14E, h25km, mb4.7, ML4.3, MW3.8
ISC 24 21:00:18.5-0.1, 33.87N, 0.02-25.86E, 0.02, h33km, n479, e129/521, mb4.4/75, MS4.0/11, 21C-24D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like XRY, ZKR, LAST, NPS, SIVA, ANOY, IDI, IDI, GVD, GVD, KARP, KARP, VAM, SANT, SANT, HMAT, HMAT, HMAT, ARG, ARG, APE, BODR, BDRM, DABA, DALT, DALT, MLSB, MLSB, FETY, AKAS, SMG, ELL, GOLF, GOLF, SWA1, SWA1, SWA1, ITM, BLCB, BLCB, AKS, AKS, KHL, PPHY, AKAM, ISP, ISP, RLS, RLS, TKTP, ALFC.

24d 21h

Table of station data for 24d 21h, including columns for station name, coordinates, and various parameters like pmax, p, and time.

2005 NOV

Table of station data for 2005 NOV, including columns for station name, coordinates, and various parameters like pmax, p, and time.

600

Table of station data for 600, including columns for station name, coordinates, and various parameters like pmax, p, and time.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBTB Lobatse, BOSHA Boshof, DBIC Dimbokro, etc.

BUI 24 21:24:57.2, 33.10N-24.76E, h27km, mb5.2, mb4.5
HLW 24 21:25:03.1, 34.15N-25.77E, h33km, mb4.1
IDC 24 21:25:03.2, 07.34, 04.0N-25.73E, mb4.0/17, mb1.4/121,
ms1mx3.4/128, mbmp4.0/21, ML4.2/4, MS3.2/4, MS1.3/2.4,
ms1mx3.0/31, Error ellipse: s-maj=16.0km s-min=13.0km
az=95.0

MOS 24 21:25:04.7, 1.0, 33.93N-25.69E, h26km, mb4.6/13, Error
ellipse: s-maj=9.2km s-min=4.7km az=116.1
CSEM 24 21:25:04.9, 0.0, 33.80N-25.78E, h40km, mb4.3/15, MS3.2,
Error ellipse: s-maj=2.7km s-min=0.8km az=43.0

NEIC 24 21:25:07.2, 1.0, 33.99N-25.73E, h28km, 7km, mb4.4/26,
MD3.9(ATH), Error ellipse: s-maj=7.2km s-min=3.6km
az=188.0

NIC 24 21:25:13.0, 0.5, 36.58N-26.41E, h66km, mb4.6, ML4.2
ATH 24 21:25:14.6, 36.18N-25.62E, h10km, MD3.9/3
ISC 24 21:25:03.9, 0.7, 33.85N-0.03, 25.80E, 0.03, h27km, 6km,
n163, r106/175, mb4.2/34, MS3.3/2, 8D, Eastern

Mediterranean Sea
Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NPS Neapolis, GVD Gavdhos, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MORC Moravsky Berou, GERES GERESS Array B, FRF La Foret Royal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, MKAR Makanchi Array, NVS Novosibirsk, etc.

IDC 24 21:26:42.3, 0.9, 25.15N-60.40E, mb4.1/11, mb1.4/11,
mb1mx3.9/23, mbmp4.1/11, Error ellipse: s-maj=25.9km
s-min=19.4km az=117.0
NEIC 24 21:26:44.5, 0.8, 25.33N-60.22E, h10km, mb4.2/4, Error
ellipse: s-maj=18.4km s-min=12.3km az=181.0
MOS 24 21:26:45.8, 1.1, 25.15N-60.24E, h33km, mb4.5/2, Error
ellipse: s-maj=20.6km s-min=16.5km az=93.1
CSEM 24 21:26:45.8, 0.1, 25.44N-60.12E, h33km, mb4.2/4
ISC 24 21:26:42.6, 0.5, 25.21N-60.10E, 10E, h33km, n29,
r096/29, mb4.2/19, Southern Iran

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDF Al-Radifah, UMR Umm Al-Rimmam, NAY Al-Naaeim, etc.

IDC 24 21:36:12.2, 1.9, 4.99N-94.78E, mb3.7/5, mb1.3/9.5,
s-maj=25.6km az=55.0
NEIC 24 21:36:16.4, 1.9, 5.01N-94.75E, h30km, mb4.0/1, Error
ellipse: s-maj=77.9km s-min=17.5km az=52.0
ISC 24 21:36:15.6, 1.6, 5.1N-94.9E, 0.4, h33km, n11,
r0871/11, mb3.8/8, Northern Sumatara

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PKI Pulchoki, DMN Daman, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MORC, LIKS, DPC, DPC, JAVC, KSP, etc.

NIED 25 00:28:00.38.20N.144.80E, h8km, Mw4.9 Best double couple: M2.21x10^16 NP1.9s, 194, delta4, lambda-89. NP2.9s, 133, delta25, lambda-91.

SKO 25 00:28:06.8.36.47N.148.61E IDC 25 00:28:14.8.0.6.38.01N.145.14E, mb4.3/23, mb1.4/4/27, mb1mx4.4/32, mbtmp4.3/27, ML3.9/4, MS4.1/22, Ms1.4/122, ms1mx4.0/27, Error ellipse: s-maj=16.4km s-min=14.2km az=149.0

NEIC 25 00:28:17.0.0.2.38.03N.145.07E, h10km, mb5.1/48, MW4.8(NIED), Error ellipse: s-maj=5.9km s-min=3.2km az=166.0

BUI 25 00:28:17.7.38.22N.144.67E, h10km, mb5.0, mb4.6, Ms4.4, Ms24.2

HRVD 25 00:28:17.0.0.4.38.41N.145.13E, h12km, MW4.9/69, Centroid moment Tensor solution. LP body waves: s13 c16. Mantle waves: s69 c119; Half duration: 0 Moment tensor: Scale 10^16Nm; M2=2.31e08; M3=0.50e08; M4=1.81e07; M5=0.15e07; M6=0.40e30; Best double couple: M3.001x10^16 NP1: phi=7, delta2, lambda-134. NP2: phi=240, delta1, lambda-58. Principal axes: T2.509, Plg10, Azm307; N.984, Plg28, Azm43; P.3.494, Plg60, Azm199; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 25 00:28:18.1.1.0.38.27N.144.93E, h21km, mb5.2/35, MS4.2/10 Error ellipse: s-maj=8.8km s-min=5.4km az=111.6

JMA 25 00:28:19.2.0.1.38.17N.144.81E, h50km, M4.8 CSEM 25 00:28:21.0.37.88N.144.22E, h33km, mb5.7

ISC 25 00:28:19.0.0.2.38.24N.0.03.144.85E.0.03, h27km, h27km, 1.0km; p-P, n255, phi125, mb4.8/91, MS4.3/32, 7C-8D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ, MIYJ, JIO, JMK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ, JHU, YSS, CBIJ, JNU, etc.

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

Table with columns: ZAL, Zalesovo, 45.39, 48, P, P, 00 56 55.0 -0.6

Table with columns: ZAL, Zalesovo, 45.39, 48, P, P, 00 56 55.0 -0.6

Table with columns: WRA, Warramunga Arr, 119.26, 94, PKP, 01 07 26.5 -3.5

NEIC 25 00:51:04.2.2.0, 34.28N.25.76E, h61km, 20km, Error ellipse: s-maj=23.1km s-min=15.9km az=102.0

ISC 25 00:51:05.2.2.6, 34.35N.25.77E, h69km, 27km, mb3.7/7, mb1 3.7/10, mb1mx3.6/23, mbtmp3.9/10, Error ellipse: s-maj=33.6km s-min=21.2km az=95.0

ISC 25 00:51:03.2.0.2, 34.34N.0.1.25.7E.0.2, h74km, 19km, n18, c085/19, mb3.8/7, Crete

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

ISC 25 01:06:38.6.1.7, 4.67N.123.90E, mb4.0/4, mb1 4.2/4, mb1mx3.8/18, mbtmp4.0/4, MS2.9/1, Ms1 2.9/1, ms1mx2.2/26, Error ellipse: s-maj=136.9km s-min=22.6km az=66.0

NEIC 25 01:07:26.0.0.8, 3.80N.123.09E, h500km, mb4.1/2, Error ellipse: s-maj=91.8km s-min=12.6km az=64.0

ISC 25 01:07:24.4.1.1, 3.9N.0.4.123.2E.0.7, h500km, n10, c057/9, mb3.6/10, C. Celebes Sea

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

MOS 25 01:21:55.0.1.7, 46.28N.95.29E, h10km, mb4.2/2, Error ellipse: s-maj=16.2km s-min=10.3km az=114.9

ISC 25 01:21:55.6.1.2, 46.05N.95.19E, mb3.6/5, mb1 3.8/8, mb1mx3.6/22, mbtmp3.6/8, ML3.3/3, Error ellipse: s-maj=36.1km s-min=18.6km az=17.0

BUI 25 01:21:57.4, 46.22N.95.69E, h9km, ML4.2

NEIC 25 01:21:57.1.0.7, 46.36N.95.38E, h10km, mb4.0/4, Error ellipse: s-maj=13.9km s-min=10.9km az=208.0

NNC 25 01:21:60.0.16.0, 46.54N.95.18E, mpv3.7, Error ellipse: s-maj=174.0km s-min=145.1km az=151.0

ISC 25 01:21:57.1.3.0, 46.25N.0.08.95.37E.0.08, h25km, 25km, n28, c088/27, mb3.7/7, 5C, Mongolia

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

AKAR Aktash 6.58 311 eP Pn 01 23 34.9 -0.1

ZAK Zakamensk 6.70 49 eP Pn 01 23 36.1 -0.5

SOMM Songoing Array 7.70 74 Pn P 01 23 50.0 -0.6

MK31 Makanchi Array 9.04 278 Pn P 01 24 09.3 +0.1

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

Table with columns: ILAR Eielson Array 59.20 26 P P 01 32 01.2 +3.3

Table with columns: WRA Warramunga Arr 74.72 142 P P 01 33 36.8 +0.1

ISC 25 02:00:01.2.1.3, 38.50N.98.74E, mb3.9/3, mb1 4.1/5, mb1mx3.8/22, mbtmp3.9/5, ML3.4/3, Error ellipse: s-maj=52.3km s-min=22.8km az=54.0

BUI 25 02:00:02.8, 38.72N.98.98E, h3km, ML3.6, Ms3.6, Msz3.5

NEIC 25 02:00:02.9.1.0, 38.54N.98.98E, h10km, mb3.5/1, Error ellipse: s-maj=15.7km s-min=14.6km az=1.0

ISC 25 02:00:01.2.2.7, 38.59N.0.07.99E.0.2, h11km, 19km, n12, c087/14, mb3.9/3, Qinghai

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

NEIC 25 02:02:47.5, 53.11N.169.82W, h228km, MG3.5(AEIC), After AEIC

ISC 25 02:02:52.9.6.6, 53.87N.170.36W, h255km, 98km, mb3.1/4, mb1 3.5/6, mb1mx3.1/24, mbtmp3.8/6, Error ellipse: s-maj=54.5km s-min=32.0km az=115.0

ISC 25 02:02:48.2.0.5, 53.63N.0.1.169.99W.0.09, h210km, 5km, n26, c081/36, mb3.6/3, 4, Fox Islands

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

MOS 25 01:21:55.0.1.7, 46.28N.95.29E, h10km, mb4.2/2, Error ellipse: s-maj=16.2km s-min=10.3km az=114.9

ISC 25 01:21:55.6.1.2, 46.05N.95.19E, mb3.6/5, mb1 3.8/8, mb1mx3.6/22, mbtmp3.6/8, ML3.3/3, Error ellipse: s-maj=36.1km s-min=18.6km az=17.0

BUI 25 01:21:57.4, 46.22N.95.69E, h9km, ML4.2

NEIC 25 01:21:57.1.0.7, 46.36N.95.38E, h10km, mb4.0/4, Error ellipse: s-maj=13.9km s-min=10.9km az=208.0

NNC 25 01:21:60.0.16.0, 46.54N.95.18E, mpv3.7, Error ellipse: s-maj=174.0km s-min=145.1km az=151.0

ISC 25 01:21:57.1.3.0, 46.25N.0.08.95.37E.0.08, h25km, 25km, n28, c088/27, mb3.7/7, 5C, Mongolia

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

AKAR Aktash 6.58 311 eP Pn 01 23 34.9 -0.1

ZAK Zakamensk 6.70 49 eP Pn 01 23 36.1 -0.5

SOMM Songoing Array 7.70 74 Pn P 01 23 50.0 -0.6

MK31 Makanchi Array 9.04 278 Pn P 01 24 09.3 +0.1

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

Table with columns: MBDF Montbardon 0.17 124 ePg Pg 02 20 27.1 -0.1

Table with columns: RRL Cesana Torines 0.18 56 P S Pg 02 20 27.8 +0.4

Table with columns: RRL Cesana Torines 0.18 56 P S Pg 02 20 27.8 +0.4

Table with columns: RRL Cesana Torines 0.18 56 P S Pg 02 20 27.8 +0.4

Table with columns: RRL Cesana Torines 0.18 56 P S Pg 02 20 27.8 +0.4

Table with columns: RRL Cesana Torines 0.18 56 P S Pg 02 20 27.8 +0.4

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

NEIC 25 02:02:47.5, 53.11N.169.82W, h228km, MG3.5(AEIC), After AEIC

ISC 25 02:02:52.9.6.6, 53.87N.170.36W, h255km, 98km, mb3.1/4, mb1 3.5/6, mb1mx3.1/24, mbtmp3.8/6, Error ellipse: s-maj=54.5km s-min=32.0km az=115.0

ISC 25 02:02:48.2.0.5, 53.63N.0.1.169.99W.0.09, h210km, 5km, n26, c081/36, mb3.6/3, 4, Fox Islands

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

MOS 25 01:21:55.0.1.7, 46.28N.95.29E, h10km, mb4.2/2, Error ellipse: s-maj=16.2km s-min=10.3km az=114.9

ISC 25 01:21:55.6.1.2, 46.05N.95.19E, mb3.6/5, mb1 3.8/8, mb1mx3.6/22, mbtmp3.6/8, ML3.3/3, Error ellipse: s-maj=36.1km s-min=18.6km az=17.0

BUI 25 01:21:57.4, 46.22N.95.69E, h9km, ML4.2

NEIC 25 01:21:57.1.0.7, 46.36N.95.38E, h10km, mb4.0/4, Error ellipse: s-maj=13.9km s-min=10.9km az=208.0

NNC 25 01:21:60.0.16.0, 46.54N.95.18E, mpv3.7, Error ellipse: s-maj=174.0km s-min=145.1km az=151.0

ISC 25 01:21:57.1.3.0, 46.25N.0.08.95.37E.0.08, h25km, 25km, n28, c088/27, mb3.7/7, 5C, Mongolia

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

AKAR Aktash 6.58 311 eP Pn 01 23 34.9 -0.1

ZAK Zakamensk 6.70 49 eP Pn 01 23 36.1 -0.5

SOMM Songoing Array 7.70 74 Pn P 01 23 50.0 -0.6

MK31 Makanchi Array 9.04 278 Pn P 01 24 09.3 +0.1

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

GVA	AP	pP	05 37 19.3 +3.1	DL2	comp=Z,2µm,19.3s,MS4.8	LR	LR
GVA	XP	sP	05 37 26.6 +5.2				
GVA	PP	PP	05 37 59.0 +4.2				
GVA	PcP	PcP	05 40 22.8 +2.1				
GVA	S	S	05 41 51.6 +8.2				
GVA	XS	S	05 42 10.8				
GVA	AMB	AMB					
comp=Z,90nm,0.8s,mb5.5							
GVA	AMB	AMB					
comp=Z,1µm,6.9s							
GVA	LR	LR					
comp=N,6µm,18.9s,MS5.3							
GVA	LR	LR					
comp=E,4µm,18.3s,MS5.3							
GVA	LR	LR					
GVA	LR	LR					
comp=Z,7µm,19.2s,MS5.3							
Guyang	27.81 319	P	05 37 04.6 -0.4				
comp=Z,90nm,0.8s,mb5.5							
GVA	pP	pP	05 37 19.3 +3.1				
GVA	sP	sP	05 37 26.6 +5.2				
GVA	PP	PP	05 37 59.0 +4.2				
GVA	PcP	PcP	05 40 22.8 +2.1				
GVA	S	S	05 41 51.6 +8.2				
GVA	sS	sS	05 42 10.8				
GVA	LR	LR					
comp=Z,7µm,19.2s,MS5.3							
ENH	Enshi	29.01 329	eP	P	05 37 15.6 -0.1		
comp=Z,56nm,0.8s,mb5.3							
ENH	eScP		05 44 01.4				
Kunming	29.67 313	eScP	05 37 23.1 +1.5				
KMI	AP	pP	05 37 36.8 +3.9				
KMI	XP	sP	05 37 42.9 +4.7				
KMI	PP	PP	05 38 20.8 +1.8				
KMI	PPP	PPP	05 38 35.1 +2.5				
KMI	XS	S	05 42 13.3 +0.2				
KMI	SS	SS	05 43 49.8 +0.8				
KMI	SSS	SSS	05 44 11.1 +1.0				
KMI	AMB	AMB					
comp=Z,20nm,1.0s,mb4.8							
KMI	AMB	AMB					
comp=Z,390nm,5.7s							
KMI	LR	LR					
comp=N,2µm,17.9s							
KMI	LR	LR					
comp=E,5µm,23.1s							
KMI	LR	LR					
comp=Z,8µm,21.2s,MS5.3							
KMI	Kunming	29.67 313	P	P	05 37 23.1 +1.5		
comp=Z,21nm,1.0s,mb4.8							
KMI	pP	pP	05 37 36.8 +3.9				
KMI	sP	sP	05 37 42.9 +4.7				
KMI	PP	PP	05 38 20.8 +1.8				
KMI	PPP	PPP	05 42 13.3 +0.2				
KMI	S	S	05 42 37.0				
KMI	SS	SS	05 43 49.8 +0.8				
KMI	SSS	SSS	05 44 11.1 +1.0				
KMI	AMB	AMB					
comp=Z,20nm,1.0s,mb4.8							
KMI	AMB	AMB					
comp=Z,390nm,5.7s							
KMI	LR	LR					
comp=N,2µm,17.9s							
KMI	LR	LR					
comp=E,5µm,23.1s							
KMI	LR	LR					
comp=Z,8µm,21.2s,MS5.3							
KMI	Kunming	29.67 313	P	P	05 37 23.1 +1.5		
comp=Z,21nm,1.0s,mb4.8							
KMI	pP	pP	05 37 36.8 +3.9				
KMI	sP	sP	05 37 42.9 +4.7				
KMI	PP	PP	05 38 20.8 +1.8				
KMI	PPP	PPP	05 42 13.3 +0.2				
KMI	S	S	05 42 37.0				
KMI	SS	SS	05 43 49.8 +0.8				
KMI	SSS	SSS	05 44 11.1 +1.0				
KMI	AMB	AMB					
comp=Z,20nm,1.0s,mb4.8							
KMI	AMB	AMB					
comp=Z,390nm,5.7s							
KMI	LR	LR					
comp=N,2µm,17.9s							
KMI	LR	LR					
comp=E,5µm,23.1s							
KMI	LR	LR					
comp=Z,8µm,21.2s,MS5.3							
CHG	Chiang Mai	29.69 298	P	P	05 37 21.9 0.0		
comp=Z,34nm,0.8s,mb5.1							
JHJ	Hachijo jima 2	29.79 23	LR	LR	05 47 33.5		
comp=Z,8µm,21.2s,MS5.3,baz=244,slow=33							
TIA	Tai'an	31.35 345	↑P	P	05 37 35.3 -1.1		
TIA	eS	S	05 42 36.5				
TIA	AMB	AMB					
comp=Z,90nm,1.0s,mb5.5							
TIA	LR	LR					
comp=N,2µm,17.0s,MS5.0							
TIA	LR	LR					
comp=E,2µm,16.0s,MS5.0							
TIA	Tai'an	31.35 345	↑P	P	05 37 35.3 -1.1		
comp=Z,90nm,1.0s,mb5.5							
TIA	eS	S	05 42 36.5				
TIA	S	S	05 37 38.5 +1.6				
TIA	P	P	05 43 00.0 +5.0				
TIA	S	S	05 43 00.0 +5.0				
TIA	P	P	05 43 46.0 +0.9				
comp=E,10nm,0.9s,mb4.7							
TIA	LR	LR					
comp=Z,4µm,20.0s,MS5.1							
MAT	Matsushiro	32.34 18	P	P	05 43 46.0 +0.9		
MAT	eS	S	05 43 00.0 +5.0				
MAT	pmx	pmx					
comp=Z,10.0nm,0.9s,mb4.7							
MAT	MLR	MLR					
comp=Z,4µm,20.0s,MS5.1							
MJAR	Matsushiro	32.34 18	P	P	05 43 46.0 +0.9		
MJAR	eS	S	05 43 00.0 +5.0				
MJAR	pmx	pmx					
comp=Z,10.0nm,0.9s,mb4.7							
MJAR	MLR	MLR					
comp=Z,4µm,20.0s,MS5.1							
MJAR	Matsushiro Arr	32.34 18	P	P	05 37 42.8 -2.4		
MJAR	eS	S	05 44 13.2				
MJAR	ScP	ScP	05 44 13.2				
comp=Z,1.0nm,0.4s,baz=48,slow=31,SNR=6.5							
MJAR	LR	LR					
comp=Z,5.8nm,1.0s,baz=218,slow=3.0,SNR=6.6							
MJAR	LR	LR					
comp=Z,3µm,18.1s,MS5.0,baz=205,slow=37							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	AP	pP	05 37 58.0 +1.3				
XAN	XP	sP	05 37 58.0 +1.3				
XAN	PP	PP	05 42 56.0 +0.8				
XAN	S	S	05 42 56.0 +0.8				
XAN	AMB	AMB					
comp=Z,90nm,1.0s,mb5.5							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					
comp=Z,97nm,1.0s,mb5.6							
XAN	Xi'an	32.36 332	P	P	05 37 44.0 -1.2		
XAN	pP	pP	05 37 58.0 +1.3				
XAN	S	S	05 42 56.0 +0.8				
XAN	P	P	05 37 45.6 +0.2				
comp=Z,97nm,1.0s,mb5.6							
XAN	LR	LR					
comp=N,290nm,11.8s,MS4.3							
XAN	LR	LR					
comp=E,230nm,10.9s,MS4.3							
XAN	LR	LR					
comp=Z,260nm,9.8s							
XAN	LR	LR					

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like West Tongariro, Ngauruhoe, Tuvalu, etc.

IDC 25 06:50:46.5-2.7, 39.13N, 141.72E, h67km, 25km, mb3.4/6, m1 3.7/8, mb1mx3.5/2.1, mbtpm3.7/8, Error ellipse: s-maj=32.0km s-min=15.3km az=116.0, JMA 25 06:50:46.39.11N, 141.75E, h72km, 1km, M3.9, Broadband flat plane solution: P waves. N1P1, 67, 836, 156, NP2, 177, 876, 157. Principal axes: TPlg48, Azm51, NPlg32, Azm186, PPlg24, Azm292, JMA Felt J1, NEIC 25 06:50:49.7-1.8, 39.04N, 141.64E, h100km, 20km, M3.9(JMA) Error ellipse: s-maj=26.8km s-min=20.9km az=122.0

NEIC Recorded [2 JMA] in Iwate and [1 JMA] in Miyagi Prefectures.

ISC 25 06:50:46.2-0.5, 39.12N, 0.04-141.80E, 0.09, h77km, 4km, n23, c082/36, mb3.5/6, 10C-1D, Eastern Honshu

Main station list table for the first section, including stations like OFUJ, MIYJ, JMK, etc.

NEIC 25 07:03:12.5, 0.1, 31.03S, 71.41W, h51km, MD4.1(GUC), After GUC.

GUC 25 07:03:12.5, 0.1, 31.03S, 71.41W, h51km, 7km, MD4.1, ML3.2, 3C-3D, Near coast of central Chile

Main station list table for the second section, including stations like CMCH, ILCH, CHNG, etc.

MAN 25 07:03:55.3, 10.50N, 125.70E, h15km, mb3.7, ML2.4, MS2.0, Leyte

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like MSLP, PLO, BESP, etc.

NIED 25 07:19:00.27.60N, 142.00E, h56km, Mw4.7 Best double couple: M1.29x10^16 NP1, 320, 864, 151. NP2, 201, 846, 142.

MOS 25 07:19:21.1-0.9, 27.69N, 141.64E, h10km, mb4.6/3, Error ellipse: s-maj=31.4km s-min=11.8km az=105.2

NEIC 25 07:19:22.9-0.3, 27.66N, 141.67E, h10km, mb4.5/2, MW4.7(NIED), Error ellipse: s-maj=14.5km s-min=7.4km az=83.0

IDC 25 07:19:25.4-3.6, 27.62N, 141.76E, h26km, 24km, mb0.4/14, m1 4.1/15, mb1mx4.0/2.1, mbtpm4.1/15, ML3.5/1, MS3.3/1, Ms1.3/3.1, ms1mx2.5/2.5, Error ellipse: s-maj=23.0km s-min=11.0km az=63.0

JMA 25 07:19:27.2-0.1, 27.61N, 141.98E, h34km, M4.5

ISC 25 07:19:25.6-0.7, 27.60N, 0.05-141.7E, 0.1, h42km, 7km, n41, c097/44, mb4.2/17, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like CBIJ, CBUJ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like CBIJ, CBUJ, JHHJ, etc.

1um, 0.3s, baz=95, slow=24, SNR=52

1um, 0.3s, baz=144, slow=19, SNR=2.2

0.5m, 0.3s, baz=116, slow=17, SNR=2.9

0.4m, 0.6s, mb3.6, baz=123, slow=17, SNR=3.7

0.9m, 0.6s, baz=122, slow=2.7, SNR=5.1

comp=Z, 5.0nm, 0.9s, mb4.4

comp=Z, 3.0nm, 0.6s, mb4.5

comp=Z, 3.0nm, 0.6s, mb4.5

comp=Z, 3.0nm, 0.6s, mb4.5

comp=Z, 2.6nm, 0.5s, mb4.5, baz=11, slow=8.4, SNR=41

comp=Z, 0.7nm, 0.6s, baz=3.3, slow=3.3, SNR=5.6

comp=Z, 0.3nm, 0.3s, mb3.8, baz=86, slow=10.0, SNR=8.5

comp=Z, 0.7nm, 0.5s, baz=75, slow=10, SNR=8.1

comp=Z, 1.2nm, 0.4s, mb4.3, baz=94, slow=7.7, SNR=11

comp=Z, 1.2nm, 0.6s, baz=90, slow=4.4, SNR=4.3

comp=Z, 0.9nm, 0.7s, mb3.5, baz=54, slow=5.9, SNR=13

comp=Z, 2.2nm, 0.8s, mb4.2, baz=338, slow=11, SNR=3.2

comp=Z, 0.7nm, 0.5s, mb4.0, baz=39, slow=28, SNR=12

comp=Z, 0.6nm, 0.4s, mb3.9, baz=295, slow=6.2, SNR=4.4

comp=Z, 4.7nm, 0.6s, mb4.5, baz=53, slow=6.1, SNR=10

comp=Z, 0.6nm, 0.4s, mb3.9, baz=295, slow=6.2, SNR=4.4

comp=Z, 6.7nm, 0.6s, mb4.8, baz=67, slow=5.5, SNR=41

comp=Z, 1.7nm, 0.6s, mb4.5, baz=53, slow=6.1, SNR=10

comp=Z, 1.7nm, 0.5s, mb4.2, baz=52, slow=5.4, SNR=4.4

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 2.0nm, 0.6s, mb4.3, baz=43, slow=4.8

comp=Z, 3.0nm, 0.7s, mb4.4, baz=46, slow=4.7, SNR=8.4

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 0.5nm, 0.8s, mb3.7, baz=315, slow=2.1, SNR=4.1

comp=Z, 1.5nm, 0.7s, mb4.5, baz=45, slow=5.7, SNR=10

comp=Z, 1.2nm, 0.8s, baz=44, slow=6.9, SNR=4.6

IDC 25 08:19:13.4-2.7, 5.44N, 93.16E, mb3.8/4, mb1 4.0/4, mb1mx3.7/18, mbtpm3.8/4, Error ellipse: s-maj=108.8km s-min=28.1km az=57.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like MKAR, SONM, WRA, etc.

NEIC 25 09:08:14.6-3.8, 5.12S, 145.38E, h84km, 36km, mb4.2/2, Error ellipse: s-maj=41.9km s-min=17.3km az=141.0

IDC 25 09:08:16.0-6.0, 5.27S, 145.60E, h96km, 57km, mb4.1/3, m1 4.2/5, mb1mx3.8/13, mbtpm4.4/5, ML3.8/2, Error ellipse: s-maj=47.7km s-min=27.4km az=137.0

ISC 25 09:08:15.7-4.2, 5.45S, 0.2-145.5E-0.2, h105km, 40km, n12, c081/13, mb4.1/3, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like MKAR, SONM, WRA, etc.

PMG Port Moresby 4.35 158 P 09 09 22 +1.0

CTA Charters Tower 14.66 177 P 09 11 46.8 +7.6

CTA Charters Tower 14.66 177 P 09 11 46.2 +7.1

CTA Charters Tower 14.66 177 P 09 11 45.9 +6.8

CTA Charters Tower 14.66 177 P 09 12 00.1 +1.9

CTA Charters Tower 18.10 216 P 09 12 21.3 +0.5

WB2 Warramunga Arr 18.11 216 P 09 12 20.9 -1.0

WITZ Fitzroy Crossi 23.17 235 P 09 13 14.7 +0.3

FITZ Fitzroy Crossi 23.17 235 P 09 13 15.2 +1.4

STKA Stephens Creek 26.64 187 P 09 13 47.5 +1.0

ILAR Eielson Array 85.48 23 P 09 20 42.0 -0.7

CSEM 25 09:29:50.8, 25.69S: 177.91W, h100km, mb5.5

CRAAG 25 09:29:55.1, 25.58S: 177.99W, Mb5.4

MOS 25 09:29:55.7, 0.9, 25.68S: 177.83W, h142km, mb5.1/20, Error ellipse: s-maj=9.5km s-min=7.8km az=72.5

SKO 25 09:29:55.1, 25.58S: 177.99W, h137km

HRVD 25 09:29:58.8, 0.2, 25.88S: 177.46W, h181km, 1km

MW5:50, Centroid-moment Tensor Solution. LP body waves: s:0, t:23, Mw:1.94, Mw:1.94. Half duration: 1.5. Moment tensor: Scale 10^17N. Mw: 6.74. Mo=0.99t; Ms=1.66t; Mv=1.52t; Mz=0.05t; Ms=1.61t; 03; Best double couple: Mo: 6.45x10^17 NP1: 0.143, 830, 163; NP2: 39, 882, 161; Principal axes: T: 6.652, Plg30; Azm: 105; N: -0.13, Plg29; Azm214; P: -2.638, Plg46; Azm338; nsta1 refers to body waves, cut-off=40s. nsta2 refers to surface waves, cut-off=50s.

NEIC 25 09:29:59.8-0.1, 25.81S: 177.83W, mb5.0/66 Error ellipse: s-maj=5.3km s-min=3.8km az=145.0

IDC 25 09:29:59.0-0.5, 25.64S: 177.73W, h172km, 4km, mb4.9/18, mb1 5.1/20, mb1mx5.1/2, mbtpm5.4/20, MS4.4/6, Ms1.4/6, ms1mx4.0/2.2, Error ellipse: s-maj=10.6km s-min=8.8km az=114.0

ISC 25 09:29:56.8-0.1, 26.37S: 0.02-177.76W-0.04, h172km, h172km, 1.5km, pP, n557, c1517/280, mb5.2/97, 34C-47D,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like RAO, RAO, RAO, etc.

comp=Z, 10.1um, 18.1s, baz=183, slow=34

comp=Z, 1.4nm, 0.3s, baz=321, slow=13, SNR=3.9

33nm, 0.3s, baz=271, slow=21, SNR=12

52nm, 0.3s, baz=49, slow=4.3, SNR=6.3

57nm, 0.3s, baz=55, slow=22, SNR=6.2

comp=Z, 287nm, 0.6s

comp=Z, 287nm, 0.6s

comp=Z, 3.0nm, 0.6s, mb4.5

comp=Z, 2.2nm, 0.5s, mb4.5, baz=11, slow=8.4, SNR=41

comp=Z, 0.7nm, 0.6s, baz=3.3, slow=3.3, SNR=5.6

comp=Z, 0.3nm, 0.3s, mb3.8, baz=86, slow=10.0, SNR=8.5

comp=Z, 0.7nm, 0.5s, baz=75, slow=10, SNR=8.1

comp=Z, 1.2nm, 0.4s, mb4.3, baz=94, slow=7.7, SNR=11

comp=Z, 1.2nm, 0.6s, baz=90, slow=4.4, SNR=4.3

comp=Z, 0.9nm, 0.7s, mb3.5, baz=54, slow=5.9, SNR=13

comp=Z, 2.2nm, 0.8s, mb4.2, baz=338, slow=11, SNR=3.2

comp=Z, 0.7nm, 0.5s, mb4.0, baz=39, slow=28, SNR=12

comp=Z, 0.6nm, 0.4s, mb3.9, baz=295, slow=6.2, SNR=4.4

comp=Z, 4.7nm, 0.6s, mb4.5, baz=53, slow=6.1, SNR=10

comp=Z, 0.6nm, 0.4s, mb3.9, baz=295, slow=6.2, SNR=4.4

comp=Z, 6.7nm, 0.6s, mb4.8, baz=67, slow=5.5, SNR=41

comp=Z, 1.7nm, 0.6s, mb4.5, baz=53, slow=6.1, SNR=10

comp=Z, 1.7nm, 0.5s, mb4.2, baz=52, slow=5.4, SNR=4.4

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 2.0nm, 0.6s, mb4.3, baz=43, slow=4.8

comp=Z, 3.0nm, 0.7s, mb4.4, baz=46, slow=4.7, SNR=8.4

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 2.0nm, 0.6s, mb4.3

comp=Z, 0.5nm, 0.8s, mb3.7, baz=315, slow=2.1, SNR=4.1

comp=Z, 1.5nm, 0.7s, mb4.5, baz=45, slow=5.7, SNR=10

comp=Z, 1.2nm, 0.8s, baz=44, slow=6.9, SNR=4.6

IDC 25 08:19:13.4-2.7, 5.44N, 93.16E, mb3.8/4, mb1 4.0/4, mb1mx3.7/18, mbtpm3.8/4, Error ellipse: s-maj=108.8km s-min=28.1km az=57.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, h m s, ISC. Includes stations like HNR, HNR, HNR, etc.

comp=Z, 2.299nm, 1.0s, mb5.9

comp=Z, 1.44nm, 1.0s, mb5.5

comp=Z, 65nm, 1.1s

comp=Z, 62nm, 1.0s, mb5.3

comp=Z, 850nm, 23.7s

comp=Z, 83nm, 1.0s, mb5.4, baz=211, slow=4.1, SNR=9.7

comp=Z, 685nm, 18.3s, baz=37, slow=30

comp=Z, 2.146nm, 1.0s, mb5.7

comp=Z, 42nm, 1.2s, mb5.0

comp=Z, 57nm, 1.0s, mb5.3

comp=Z, 108nm, 1.1s, mb5.5

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

comp=Z, 18nm, 0.7s, mb4.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PSZ, VRAC, PRU, MOX, KHC, etc.

WEL 25 09:30:51.0, 3.37, 41.5 km, h258 km, M3.5/12, Error ellipse: s-maj=9.6 km s-min=8.1 km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like URZ, MWZ, BWZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MRW, TCW, HLW, MOS, HRVD, etc.

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

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like MGMS, MS1 Monte Sant'Ang, CRJA Costa Raja, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like HSFQ Sarbogard, PKBS Sarbogard, CRE Caprese Michel, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like SQT Sankt Quirin, AUTN L'Aution, OKC Ostrava-Krasne, etc.

25d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHL PALK, LBTB Lobatse, FRB Froisher Bay, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS Yuzh-Sakhalins, YHNB Yeheng, WCI Wyandotte Cave, etc.

620

Table with columns for station name, frequency, power, and other technical details. Includes stations like PV10 Paradox Valley, DUG Dugway, WVOR Wild Horse Val, etc.

IDC 25 10:01:59.8:6.8, 18.175x177.27W, h27km31km, mb3.7/4, mb1 3.9/4, mb1mx3.6/14, mbmt3.9/4, Error ellipse: s-maj=148.4km s-min=32.5km az=140.0, Fiji Islands region

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

IDC 25 10:08:07.1:7.28, 135x176.79W, mb4.2/7, mb1 4.4/7, mb1mx4.3/13, mbmt4.2/7, Error ellipse: s-maj=80.5km s-min=23.3km az=160.0

NEIC 25 10:08:16.1:1.8, 28.25S:176.89W, h72km, mb4.4/3, Error ellipse: s-maj=21.1km s-min=13.9km az=187.0

ISC 25 10:08:18.2:3.28, 25S:20.2:177.0W, 0.1, h84km, 18km, n22, o553/16, mb4.0/8, 2C-1D, Kermadec Islands region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, CTA Charters Tower, STKA Stephens Creek, etc.

NEIC 25 10:21:38.0:3.7, 5.17S:145.43E, h91km, 35km, mb4.0/2, Error ellipse: s-maj=42.0km s-min=17.4km az=141.0

IDC 25 10:21:38.6:2.5, 29S:145.59E, h99km, 59km, mb4.0/3, mb1 4.0/5, mb1mx3.7/13, mbmt4.2/5, MLJ 3.72, MS3.6/1, Ms1 3.6/1, ms1mx2.8/27, Error ellipse: s-maj=49.6km s-min=27.7km az=138.0

ISC 25 10:21:38.7:4.1, 5.45S:0.2:145.5E, 0.2, h109km, 40km, n13, o487/13, mb4.0/3, Error ellipse: s-maj=29.3km s-min=13.9km az=187.0

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

ILAR Eielson Array 85.50 23 P P 10 34 04.7 -0.6

MOS 25 10:37:37.5:0.7, 23.52Sx179.99W, h518km, mb4.8/13, Error ellipse: s-maj=12.5km s-min=9.8km az=141.4

RAO Raoul Island 5.89 162 Op P ISC 10 39 16.2 +1.0

AFI Afiamalu 12.42 40 P P 10 40 18.7 -2.8

URZ Urewera 14.78 189 P P 10 40 46.8 +1.4

URZ Urewera 14.78 189 P P 10 40 44.0 -1.4

HNR Honiara 23.81 303 P P 10 42 10.4 -0.7

CNB Canberra Magne 28.98 239 eP P 10 42 58.1 +1.7

PPT Papeete 29.07 84 P P 10 42 56.6 -0.7

CTA Charters Tower 31.48 270 iJP P 10 43 19.0 +1.1

CTA Charters Tower 31.48 270 iJP P 10 43 19.1 +0.5

CTAO Charters Tower 31.48 270 iJP P 10 43 18.8 +1.0

TOO Toolangi 32.59 237 eP P 10 43 28.4 +1.3

PMG Port Moresby 34.41 289 P P 10 43 43.1 +0.5

MAJO Matsushiro 71.69 326 P P 10 48 07.4 -0.5

KSM Kuching 76.02 280 eP P 10 48 10.1 -0.4

YHNB Yeheng 74.40 306 eP P 10 48 23.5 -0.1

MWSC Mount Wilson 82.29 48 eP P 10 49 05.1 -0.2

SYO Syowa Base 83.26 193 iJP P 10 49 09.2 -0.3

LDFC Landfair 84.78 48 iJP P 10 49 18.1 +0.4

ENH Enshi 86.29 305 eP P 10 49 25.6 +0.6

TUC Tucson 86.36 52 iJP P 10 49 26.2 +0.8

WVOR Wild Horse Val 86.71 41 eP P 10 49 26.8 +0.1

ELK Elko 87.83 43 eP P 10 49 32.2 +0.1

EBG Ellensburg 88.31 36 P P 10 49 34.8 +0.6

MSU Marysville 88.61 47 eP P 10 49 36.5 +0.8

OD2 Odessa 89.61 37 iJP P 10 49 40.3 +0.1

TXAR Lajas Array 90.29 58 P P 10 49 44.2 +0.4

SMCO Snowmass 92.45 48 eP P 10 49 53.6 +0.1

BW06 Boulder Array 92.50 44 eP P 10 49 53.3 -0.3

PDAR Piedale Array 92.54 44 eP P 10 49 53.2 -0.4

BOZ Bozeman W 92.70 41 eP P 10 49 54.3 -0.2

BOZ Bozeman W 92.70 41 eP P 10 49 54.3 -0.2

SDCO Great Sand Tun 92.80 50 eP P 10 49 54.8 -0.3

RSSD Black Hills 96.69 45 eP P 10 50 12.1 -0.5

SONM Songino Array 96.91 319 P P 10 50 13.1 -0.4

INL Inukjuik 97.76 19 P P 10 50 14.2 -2.8

ARCS ARCES Array B 131.63 348 PKP PKPdf 10 55 02.3 0.0

NOA NORSTAR Array B 141.83 351 PKP PKPdf 10 56 04.8 -4.0

AKASG Malin Array B 144.75 327 PKP PKPdf 10 56 14.3 +0.1

WEL 25 10:59:00.5:0.8, 35.35Sx178.15E, h33km, ML3.6/6, Error ellipse: s-maj=9.2km s-min=5.4km az=90.0, Off east

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

Table of astronomical observations for 25d 12h, listing stations like DBIC, SUMG, DAVOX, SAML, GRA1, GRF, ULM, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, listing stations like BRVK, BVAL, KMB0, KMB1, KMB2, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2005 NOV, listing stations like MTVZ, WHITZ, TWZ, WATZ, PKVZ, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRVK Borovyje, GUN Gumba, AAK Ala-Archa, etc.

NDI 25 18:15:31.1, 3.2, 34.52N, 72.91E, h10km, MD3.5, ML3.2
NCC 25 18:15:38.0, 2.0, 0.34, 70N, 72.90E, mpv3.5, Error ellipse:
s-maj=389.3km s-min=385.6km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, DLH Dalhousie, etc.

NDI 25 18:33:03.6, 2.1, 34.47N, 73.92E, h10km, MD3.2, ML2.8
NCC 25 18:33:08.2, 2.0, 0.34, 70N, 72.90E, mpv3.2, Error ellipse:
s-maj=240.6km s-min=184.3km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLH Dalhousie, THN Thein Dam, etc.

ISK 25 18:41:16.5, 38.27N, 26.73E, h13km, MD2.6
ATH 25 18:41:16.2, 38.15N, 26.52E, h20km, 1km, MD3.1/3
NEIC 25 18:41:16.0, 38.21N, 26.75E, h17km, MD3.1 (ISK).

CSEM 25 18:41:16.4, 0.1, 38.23N, 26.76E, h12km, MD2.6, Error
ellipse: s-maj=1.6km s-min=1.0km az=105.0

ISC 25 18:41:16.0, 0.38, 20N, 0.03, 26.69E, 0.05, h5km, 6km,
n15, 0584/24, Aegean Sea

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

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

NEIC 25 20:01:30.6, 0.8, 51.59N, 16.23E, h5km, ML3.0 (SZGRF),
ML2.7 (C/L), Error ellipse: s-maj=8.8km s-min=5.2km

IPEC 25 20:01:30.0, 0.0, 51.61N, 16.23E, ML2.3/3, Error ellipse:
s-maj=2.1km s-min=1.1km az=24.0

BGR 25 20:01:31.0, 4.0, 51.42N, 16.22E, h1km, ML3.0/9, Error
ellipse: s-maj=10.0km s-min=6.7km az=167.0

PRU 25 20:01:32.8, 5.1, 47N, 16.09E

CSEM 25 20:01:32.5, 0.1, 51.50N, 16.13E, h0km, ML3.3/7, Error
ellipse: s-maj=2.6km s-min=1.3km az=12.0

ISC 25 20:01:32.3, 1.1, 51.48N, 16.11E, mb1 3.4/4,
mb1mx3.3/20, mbmp3.3/4, ML3.0/4, Error ellipse:
s-maj=17.0km s-min=9.2km az=124.0

WAR 25 20:01:32.3, 5.1, 54N, 16.13E, h1km, ML2.9, 5C-4D, Mining
Induced, Poland

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

ISC 25 20:01:32.3, 5.1, 54N, 16.13E, h1km, ML2.9, 5C-4D, Mining
Induced, Poland

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

ISC 25 20:01:32.3, 5.1, 54N, 16.13E, h1km, ML2.9, 5C-4D, Mining
Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRES Geres Array S, GRES Geres Array B, etc.

ISC 25 20:01:32.3, 5.1, 54N, 16.13E, h1km, ML2.9, 5C-4D, Mining
Induced, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molin, STHS Stebnicka Huta, etc.

IDC 25 20:11:04.4, 5.0, 26.70N, 95.64E, mb3.6/3, mb1 3.9/3,
mb1mx3.6/18, mbtmp3.6/3, Error ellipse: s-maj=92.9km
s-min=73.8km az=24.0, Myanmar-India border region

TIR 25 20:20:41.5, 4.1, 83N, 19.79E, h22km
SKO 25 20:20:42.4, 4.1, 99N, 19.81E, M2.0, ML2.2
PDG 25 20:20:43.6, 0.1, 41.86N, 19.76E, h11km,
NEIC 25 20:20:43.6, 4.1, 86N, 19.76E, h11km, MD2.6 (PDG),
ML2.0 (SKO), After PDG.

ISC 25 20:20:43.1, 0.4, 41.85N, 0.02, 19.76E, 0.04, h11km, n20,
0.6m, 0.7s, baz=158, slow=3.4, SNR=4.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LACI Laci, QSH Qafra e Shtames, etc.

NEIC 25 20:32:21.0, 30.13S, 117.20E, h2km, mb3.3/1,
ML3.6 (AUST), After AUST.

AUST 25 20:32:21.5, 30.13S, 117.20E, h2km, ML3.6, 1D, Western
Australia

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

NIED 25 20:37:02.0, 40.20N, 141.70E, h119km, Mw3.7, Best double
couple: M3.67x1014 NP1p3142, 677, 1-82, NP2:
6x290, 615, 1-121

MOS 25 20:37:01.0, 1.0, 40.09N, 142.04E, h77km, mb4.0/2, Error
ellipse: s-maj=26.7km s-min=12.6km az=66.9

NEIC 25 20:37:03.0, 2.0, 39.84N, 142.25E, h100km, mb3.8/1, Error
ellipse: s-maj=49.5km s-min=8.9km az=131.0

IDC 25 20:37:03.9, 2.0, 40.38N, 140.94E, h122km, 35km, mb3.4/3,
mb1 3.6/5, mb1mx3.2/1, mbtmp3.7/5, Error ellipse:
s-maj=163.3km s-min=13.7km az=113.0

JMA 25 20:37:04.3, 0.1, 40.16N, 141.68E, h108km, 1km, M3.7
Broadband fault plane solution: P waves, NP1p333,
223, 1-68, NP2p129, 869, 1-99, Principal axes: T
Plg23, Azm226; N Plg8, Azm132; P Plg65, Azm24;

JMA
Felt II J1:
ISC 25 20:37:02.5, 0.5, 40.18N, 0.04, 141.73E, 0.08, h115km, 4km,
n28, 0686/39, mb3.6/4, 1C-8D, Near east coast of
eastern Honshu

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

Table with columns: Station, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MJAR, MAJO, MAT, etc.

BJI 25:20:47.43, 7.6, 78N:92.50E, h34km, mB5.2, mb4.7, Ms4.2, ...
MOS 25:20:47.45, 7.0, 9.00N-92.99E, h39km, mB5.0/21, Error ellipse: s-maj=15.0km s-min=6.5km az=112.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PBA, SNG, NNT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like UCH, ABL, KML, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GERES, KHC, KHC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BHB Bricherasio, BERF Bertagne, BNI Bardonecchia, etc.

MAN 25 23:04:26.6, 17.94N-120.73E, h6km, mb3.8, ML2.5, MS2.1, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LFRS El Faro, LCBS La Ceiba, SNVI San Vicente, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LEON Leon, TEL3 Telica 3, TEL3 Telica 3, etc.

PGC 25 23:41:20.7, 49.11N-128.61W, h10km, Mw3.9, 3C-1D, 192km southwest of Gold R., Bc West of Vancouver Island, British Columbia, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BPBC Brooks Peninsula, EDB Eliza Dome, ETB Estevan Point, etc.

KRSC 25 23:56:49.6, 1.4, 51.06N-154.74E, h376km, g8km, ML4.2, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APC Apacha, RUS Russkaya, RUS Russkaya, etc.

JMA 26 00:00:11.7, 2.0, 37.19N-133.76E, h440km, M3.2, IDC 26 00:00:14.3, 1.3, 37.23N-133.84E, h411km, 39km, mb2.7/4, mb1.3/0.6, mb1mx2.9/2.2, mb3.6/3.6, Error ellipse: s-maj=59.2km s-min=20.6km az=174.0

ISC 26 00:10:13.5, 0.6, 37.3N, 0.2, 133.8E, 0.1, h414km, 16km, n17, 0.668/18, mb3.1/4, Sea of Japan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JSA Saijo, JWT Wachi, JGT Gotsu, etc.

MAR Makanchi Array 38.82 301 P P 00 07 01.7 -0.1, ILAR Eielson Array 52.53 32 P P 00 08 46.8 -1.1, PDAR Piedra Array 81.68 42 P P 00 11 48.9 +1.1

MAN 26 00:21:16.5, 18.00N-120.76E, mb3.6, ML2.3, MS1.7, Luzon

NEIC 26 00:30:02.1, 37.62S-177.67E, h96km, ML3.7(WEL), After WEL, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, PUK Puketiti, MWZ Matawai, etc.

BJI 26 00:49:36.3, 29.68N-115.67E, h10km, mb5.3, mb5.2, ML6.0, Ms5.7, Ms25.3, MOS 26 00:49:36.9, 0.9, 29.68N-115.68E, h15km, mb5.6/82, MS5.0/26, Error ellipse: s-maj=7.1km s-min=3.8km az=120.8

HRVD 26 00:49:37.7, 0.2, 29.66N-115.71E, h18km, MW5.2/80, Centroid moment Tensor Solution. LP body waves: s45,c61; Mantle waves: s80,c151; Half duration: 1s0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIA Tai'an, TIA Tai'an, TIA Tai'an, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HKC Hong Kong, NACB Ninganchiao, TIY Taiyuan, etc.

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like ARMA Armadale, SONMI Songoing Array, MKAR Makanchi Array, etc.

NIED 26 03:20:00.23, 10N, 121.50E, h38km, Mw4.5. Best double couple: Ms5.65x10^15 NP1.0x25^, 870^, 1.22^, NP2.0x143^, 837^, 1.34^

IDC 26 03:20:27.4, 0.5, 23.14N, 121.49E, mb4.3/15, mb1 4.4/17, mb1mx4.3/24, mbmp4.3/17, ML3.8/2, MS3.8/4, MS1 3.8/4, ms1mx3.1/26, Error ellipse: s-maj=25.2km s-min=12.6km az=65.0

BUI 26 03:20:30.3, 22.99N, 121.59E, h32km, mb4.4, mb4.3, ML4.6, Ms4.4, Ms2.4

MOS 26 03:20:30.3, 1.1, 23.19N, 121.59E, h33km, mb4.7/14, Error ellipse: s-maj=15.2km s-min=8.7km az=111.8

NEIC 26 03:20:32.1, 2.2, 23.15N, 121.63E, h33km, 16km, mb4.5/18, Error ellipse: s-maj=8.0km s-min=6.2km az=69.0

NEIC Recorded [4 TAP] in Tai-tung; [3 TAP] in Hsu-lien; [2 TAP] in Kao-hsiung and Yun-lin; [1 TAP] in Chia-i, Nan-tou and Tai-nan Counties.

JMA 26 03:20:32.2, 0.3, 23.13N, 121.52E, h77km, Mw2.0

ISC 26 03:20:32.0, 0.6, 23.16N, 121.53E, 0.03, h47km, 6km, n97, f1524/110, mb4.4/30, MS4.2/5, 2C-2D, Taiwan

Main table for 26d 3h section, listing station codes, names, coordinates, and seismic data.

Main table for 2005 NOV section, listing station codes, names, coordinates, and seismic data.

NEIC 26 03:59:34.1, 1.1, 5.92S, 146.92E, h100km, 10km, mb4.8/20, Error ellipse: s-maj=8.0km s-min=6.2km az=102.0

IDC 26 03:59:35.9, 0.6, 6.04S, 146.75E, h117km, 5km, mb4.3/9, mb1 4.5/12, mb1mx4.5/14, mbtmp4.8/12, MS3.6/10, Ms1 3.6/10, ms1mx3.5/22, Error ellipse: s-maj=16.8km s-min=10.7km az=105.0

ISC 26 03:59:32.5, 1.5, 5.94S, 146.90E, 0.06, h101km, 14km, h116km, 6.8km, pP-P, n92, o096/79, mb4.7/29, 4D, Eastern New Guinea region

Main table for 2005 NOV section, listing station codes, names, coordinates, and seismic data.

Table with columns: BGF, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Bois d'Agland, Les Rejaudoux, La Frestale, etc.

Table with columns: ULN, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Ulanbaatar, Boshet, Schefferville, etc.

Table with columns: HHC, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Lanzhou, Qiongzong, Kunming, etc.

KLR	comp=E,600nm,12.5s,MS4.5	MLR	MLR		
KLR	comp=Z,2um,12.5s,MS4.8	MLR	MLR		
CBUJ	comp=Z,132nm,21.8s,MS3.4,baz=324,slow=35	LR	LR	05 09 19.4	
ASAJ	Asahikawa 25.40 49 P	P	P	05 01 13.6 +3.5	
ASAJ	comp=Z,1.1nm,0.8s,mb4.4,baz=199,slow=22,SNR=4.1	LR	LR	05 11 35.2	
JIRN	comp=Z,90nm,18.3s,MS3.3,baz=244,slow=37	P	P	05 01 11.3 +0.5	
JIRN	Jiri 25.87 273 eP	P	P	05 01 11.3 +0.5	
GUN	Gumba 26.09 273 eP	P	P	05 01 15.4 +2.5	
WMQ	comp=Z,63nm,0.8s,mb4.9	eP	eP		
WMQ	Urumqi 26.30 310 eP	eP	eP	05 01 13.0 -1.7	
WMQ	comp=Z,10.0nm,0.9s,mb4.3	AMB	AMB	05 01 20.0 +1.1	
WMQ	comp=Z,150nm,5.1s	LR	LR		
WMQ	comp=N,670nm,10.0s,MS4.5	LR	LR		
WMQ	comp=E,500nm,10.0s,MS4.5	LR	LR		
WMQ	comp=Z,530nm,15.4s,MS4.2	LR	LR		
WMQ	Urumqi 26.30 310 eP	P	P	05 01 13.0 -1.7	
WMQ	comp=Z,10.0nm,0.9s,mb4.3	sP	sP	05 01 20.0 +1.1	
WMQ	comp=Z,530nm,15.4s,MS4.2	LR	LR		
PKI	Pulchoki 26.56 273 eP	P	P	05 01 17.1 -0.2	
PKI	comp=Z,22nm,0.7s,mb4.5	eP	eP		
PKI	Pulchoki 26.56 273 eP	eP	eP	05 01 17.1 -0.2	
PKI	comp=Z,1.1nm,0.7s,mb4.5	pmax	pmax		
KKN	Kkan 26.53 273 eP	P	P	05 01 18.0 +0.1	
YSS	Yuzh-Sakhalins 27.42 43 eP	P	P	05 01 27.0 +4.0	
MKAR	Makanchi Array 30.96 313 P	P	P	05 01 56.6 0.0	
MKAR	comp=Z,3.7nm,0.6s,mb4.4,baz=104,slow=11,SNR=18	P	P		
MKAR	Makanchi Array 30.96 313 P	P	P	05 01 56.6 0.0	
GUMO	Guam 31.43 114 LR	LR	LR	05 04 29.6	
GUMO	comp=Z,63nm,19.2s,MS3.3,baz=38,slow=36	P	P		
KURK	Kurchatov 34.70 318 eP	eP	eP	05 02 29.1 -0.1	
KURK	comp=Z,3.0nm,0.6s,mb4.4	pmax	pmax		
MA2	Magadan 38.17 28 P	P	P	05 03 00.6 +2.2	
MA2	comp=Z,25nm,0.7s,mb5.0	P	P		
MA2	Magadan 38.17 28 P	P	P	05 03 00.6 +2.2	
MA2	comp=Z,25nm,0.7s,mb5.0	pmax	pmax		
BVAR	Borovoye Array 40.29 318 P	P	P	05 03 16.3 +0.3	
BVAR	comp=Z,5.6nm,0.6s,mb4.5,baz=107,slow=9.4,SNR=35	P	P		
BVAR	Borovoye Array 40.29 318 P	P	P	05 03 16.3 +0.3	
BVAR	comp=Z,5.6nm,0.6s,mb4.5	P	P	05 03 16.8 +0.2	
BRVK	Borovoye 40.36 318 eP	eP	eP	05 03 16.8 +0.2	
BRVK	comp=Z,5.0nm,0.6s,mb4.4	pmax	pmax		
TIXI	Tiksi 42.65 6 eP	eP	eP	05 03 30.3 -4.8	
TIXI	comp=Z,3.0nm,0.9s,mb4.0	LR	LR		
TIXI	Tiksi 42.65 6 eP	eP	eP	05 03 30.3 -4.8	
TIXI	comp=Z,1.40nm,11.0s,MS4.1	pmax	pmax		
TIXI	comp=Z,3.0nm,0.9s,mb4.0	MLR	MLR		
AKTK	Aktubinsk 47.40 313 P	P	P	05 04 13.6 +0.2	
AKTK	comp=Z,3.6nm,0.7s,mb4.7,baz=102,slow=17,SNR=7.8	P	P		
ARU	Arti 47.74 321 eP	eP	eP	05 04 15.3 -0.7	
ARU	comp=Z,1.4nm,0.8s,mb5.0	eP	eP		
ARU	Arti 47.74 321 eP	eP	eP	05 04 15.3 -0.7	
ARU	comp=Z,1.4nm,0.8s,mb5.0	pmax	pmax		
FITZ	Fitzroy Crossi 48.47 167 P	P	P	05 04 21.1 -1.1	
FITZ	comp=Z,5.9nm,0.7s,mb4.7,baz=27,slow=9.0,SNR=3.3	P	P		
WRAB	Tennant Creek 52.52 158 eP	eP	eP	05 04 52.1 -0.9	
WRAB	comp=Z,1.9nm,0.7s,mb4.1	eP	eP		
WRAB	Tennant Creek 52.52 158 eP	eP	eP	05 04 52.2 -0.9	
WRAB	comp=Z,1.9nm,0.7s,mb4.1	pmax	pmax		
WRA	Warramunga Arr 52.53 158 P	P	P	05 04 52.7 -0.4	
WRA	comp=Z,2.0nm,0.7s,mb4.2,baz=346,slow=7.9,SNR=10.0	P	P		
KIV	Kislovodsk 58.32 306 eP	eP	eP	05 05 35.2 +0.6	
KIV	comp=Z,2.6nm,1.5s,mb5.0	LR	LR	05 05 41.9	
KIV	Kislovodsk 58.32 306 eP	eP	eP	05 05 35.2 +0.6	
KIV	comp=Z,2.6nm,1.5s,mb5.0	LR	LR	05 05 41.9	
KIV	comp=Z,100nm,20.0s,MS3.9	MLR	MLR		
KIV	Kislovodsk 58.32 306 eP	eP	eP	05 05 35.2 +0.6	
KIV	comp=Z,100nm,20.0s,MS3.9	pmax	pmax		
KIV	Kislovodsk 58.32 306 eP	eP	eP	05 05 35.2 +0.6	
KIV	comp=Z,100nm,20.0s,MS3.9	MLR	MLR		
MIB	Mutribah 58.43 289 eP	eP	eP	05 05 35.1 -0.5	
MIB	comp=Z,5.4nm,0.6s	AMB	AMB	05 05 35.7	
RDF	Al-Radifah 58.53 288 eP	eP	eP	05 05 35.8 -0.6	
RDF	comp=Z,9.9nm,0.6s	AMB	AMB	05 05 36.4	
NAY	Al-Naaeim 58.68 288 eP	eP	eP	05 05 36.4 -1.0	
NAY	comp=Z,2.1nm,0.6s,mb5.4	AMB	AMB	05 05 37.4	
OBN	Obninsk 60.12 319f eP	eP	eP	05 05 51.1 +4.1	
OBN	comp=Z,2.1nm,1.3s,mb5.0	LR	LR	05 06 08.1	
OBN	Obninsk 60.12 319f eP	eP	eP	05 05 51.1 +4.1	
OBN	comp=Z,2.00nm,17.0s,MS4.3	LR	LR		
OBN	Obninsk 60.12 319f eP	eP	eP	05 05 51.1 +4.1	
OBN	comp=Z,2.1nm,1.3s,mb5.0	pmax	pmax		
OBN	Obninsk 60.12 319f eP	eP	eP	05 05 51.1 +4.1	
OBN	comp=Z,2.1nm,1.3s,mb5.0	MLR	MLR		
ARCES	ARCCESS Array B 62.58 337 P	P	P	05 06 03.3 -0.1	
ARCES	comp=Z,3.4nm,0.9s,mb4.5,baz=72,slow=7.7,SNR=8.8	LR	LR	05 04 32.7	
ARCES	comp=Z,102nm,18.5s,MS4.0,baz=346,slow=37	LR	LR		
FINES	FINESS Array B 64.19 328 P	P	P	05 06 12.7 -1.4	
FINES	comp=Z,3.0nm,1.0s,mb4.3,baz=72,slow=6.0,SNR=8.3	LR	LR	05 03 50.1	
FINES	comp=Z,1.42nm,18.2s,MS4.2,baz=154,slow=36	P	P		
AKASG	Malin Array Be 65.48 316 P	P	P	05 06 21.2 -1.3	
AKASG	comp=Z,2.5nm,0.7s,mb4.4,baz=60,slow=6.8,SNR=6.1	P	P		
BR131	Keeskin Array S 65.97 303 eP	eP	eP	05 06 25.2 -0.6	
BR131	comp=Z,3.9nm,0.8s,mb4.5	eP	eP		
BRTR	Keeskin Array B 65.97 303 P	P	P	05 06 25.9 +0.1	
BRTR	comp=Z,5.5nm,0.8s,mb4.6,baz=107,slow=6.9,SNR=30	P	P		
STKA	Stevens Creek 66.00 156 P	P	P	05 06 27.1 +1.0	
STKA	comp=Z,2.0nm,0.7s,mb4.4,baz=344,slow=7.7,SNR=6.0	P	P		
STKA	Stevens Creek 66.00 156 P	P	P	05 06 27.4 +1.2	
COLA	College 66.23 28 eP	eP	eP	05 06 26.6 -0.4	
COLA	comp=Z,2.9nm,0.8s,mb4.4	eP	eP		
COLA	College 66.23 28 eP	eP	eP	05 06 26.6 -0.5	
COLA	comp=Z,3.0nm,0.8s,mb4.4	pmax	pmax		
ILAR	Eielson Array 66.65 28 P	P	P	05 06 30.8 +1.0	
ILAR	comp=Z,0.3nm,0.6s,mb3.5,baz=272,slow=3.9,SNR=5.8	P	P		
MLR	Muntele Rosu 69.29 311 P	P	P	05 06 47.7 +1.1	
MLR	comp=Z,2.4nm,0.6s,mb4.3,baz=169,slow=4.5,SNR=3.6	P	P		
ATD	Arta Tunnel 69.48 272 P	P	P	05 06 49.8 +1.5	
ATD	comp=Z,2.0nm,0.3s,mb4.5,baz=112,slow=8.6,SNR=3.6	P	P		
INK	Inuvik 70.00 22 P	P	P	05 06 52.3 +1.7	
INK	comp=Z,3.2nm,0.5s,mb4.5,baz=306,slow=7.6,SNR=14	P	P		
INK	Inuvik 70.00 22 eP	eP	eP	05 06 52.0 +1.5	
INK	comp=Z,244nm,0.9s	eP	eP		
INK	Inuvik 70.00 22 eP	eP	eP	05 06 52.0 +1.4	
INK	comp=Z,8.0nm,0.9s	pmax	pmax		
HFS	Hagfors 70.34 329 P	P	P	05 06 51.8 -0.9	
HFS	comp=Z,3.0nm,0.7s,mb4.3,baz=72,slow=4.7,SNR=11	P	P		
NORSAR	Subarra 71.04 330 P	P	P	05 06 55.4 -1.6	
NORSAR	comp=Z,2.5nm,0.7s,mb4.2,baz=62,slow=6.2	P	P		
NOA	NORSAR Array B 71.04 330 P	P	P	05 06 55.8 -1.2	
NOA	comp=Z,1.3nm,0.6s,mb4.0,baz=64,slow=6.0,SNR=4.2	LR	LR	05 04 20.7	
NOA	comp=Z,1.17nm,18.0s,MS4.2,baz=90,slow=38	P	P		
NOA	NORSAR Subarra 71.04 330 P	P	P	05 06 55.4 -3.2	
NOA	comp=Z,2.5nm,0.7s,mb4.2	P	P		
NOA	NORSAR Subarra 71.04 330 P	P	P	05 06 55.4 -3.2	
NOA	comp=Z,3.0nm,0.7s,mb4.3	pmax	pmax		
GERES	GERESS Array B 75.46 318 P	P	P	05 07 22.5 -0.5	
GERES	comp=Z,0.3nm,0.4s,mb3.5,baz=11,slow=14,SNR=4.1	LR	LR	05 04 53.8	

SUMG	Summit 76.47 352 eP	P	P	05 07 28.1 -0.3	
YUKA	Yellowknife Ar 79.76 21 P	P	P	05 07 48.1 +1.5	
YUKA	comp=Z,2.0nm,0.7s,mb4.2,baz=321,slow=4.9,SNR=7.6	LR	LR	05 07 27.0	
YKA	comp=Z,5.4nm,18.5s,MS3.9,baz=90,slow=39	LR	LR		
KMBO	Kilima Mbogo 80.45 263 P	P	P	05 07 52.9 +1.7	
KMBO	comp=Z,1.3nm,0.6s,mb4.1,baz=44,slow=21,SNR=5.1	LR	LR	05 05 09.9	
EDMO	Edmonton 87.13 27 P	P	P	05 08 25.4 +1.1	
ULM	Lac du Bonnet 95.67 20 LR	LR	LR	05 04 47.4	
ULM	comp=Z,7.9nm,18.0s,MS4.2,baz=62,slow=37	LR	LR		
VIE 26 04:57:09.8,0.2, 47.33N:15.09E,h4km,z20km,mb2.0/4, ML2.4/9, Error ellipse: s-maj=1.6km s-min=1.4km az=128.0					
IPEC 26 04:57:10.5,0.1, 47.36N:15.11E,ML2.3/2, Error ellipse: s-maj=0.8km s-min=0.7km az=21.0					
NEIC 26 04:57:11.7,0.7, 47.27N:15.12E,h10km,ML2.6(L,U), ML2.3(FUR), Error ellipse: s-maj=10.8km s-min=8.0km az=82.0					
CSEM 26 04:57:11.5,0.1, 47.25N:15.06E,h2km,ML2.9/5, Error ellipse: s-maj=2.5km s-min=2.3km az=130.0					
PRU 26 04:57:13.2, 47.49N:15.05E					
ISC 26 04:57:10.0,0.3, 47.33N:0.02x15.05E:0.03,h4km,n44, r121/75,7C-8D,Austria					
Code	Station Name	A° AZ°	Op	Phase ID	Time Res
					h m s ISC
ARSA	Arzberg	0.33	104j	eP	Pg 04 57 16.2 -0.4
ARSA	comp=Z,65nm,0.1s,SNR=560				
ARSA	comp=N,257nm,0.2s				
PERS	Pernice	0.70	176	i	Pg 04 57 23.8 -0.1
PERS	comp=Z,156nm,0.2s				
MOA	Molin	0.74	315j	eP	Pg 04 57 24.8 -0.1
MOA	comp=Z,3.1nm,0.1s,SNR=29				
MOA	Molin	0.74	315	Pg	Pg 04 57 24.8 0.0
MOA	comp=Z,3.1nm,0.1s,SNR=29				
MOA	comp=Z,2.7nm,0.3s				
MOA	Obir	0.89	203j	i	Pg 04 57 39.4 +0.7
OBKA	Obir	0.89	203j	eSg	Pg 04 57 28.2 +0.3
OBKA	comp=Z,8.8nm,0.1s,SNR=14				
OBKA	Obir	0.89	203j	eSg	Pg 04 57 40.1 +0.4
OBKA	comp=Z,2.8nm,0.2s				
OBKA	Obir	0.89	203	eP	Pg 04 57 28.0 +0.2
OBKA	comp=Z,2.8nm,0.2s				
GROS	Grobnik	0.92	160	i	Pg 04 57 39.6 -0.1
KBA	Koelnbreinsper	1.19	258f	i	Pg 04 57 27.4 -1.0
KBA	comp=Z,0.1nm,0.1s				
KBA	Koelnbreinsper	1.19	258f	eSg	Pg 04 57 49.5 -0.2
KBA	comp=Z,1.5nm,0.4s				
KBA	Koelnbreinsper	1.19	258	Pg	Pg 04 57 33.4 -0.4
KBA	comp=Z,0.1nm,0.1s				
DOBS	Dobrina	1.22	166	i	Pg 04 57 49.4 -0.3
BGLD	Berchtesgaden	1.42	284j	i	Pg 04 57 33.5 -0.8
BGLD	comp=Z,1.4nm,0.1s				
VOY	Vojsko	1.52	212	eP	Pg 04 57 38.0 0.0
VOY	comp=Z,1.4nm,0.1s				
VOY	Vojsko	1.52	212	eP	Pg 04 57 40.4 +2.3
VOY	comp=Z,1.4nm,0.1s				
CRES	Cresnev	1.53	169	eP	Pn 04 57 39.7 +1.5
ZST	Bratislava	1.63	57	eP	Pn 04 57 39.8 +0.1
ZST	comp=Z,1.4nm,0.1s				
GERES	GERESS Array B	1.76	330	eP	Pn 04 58 01.2 -0.1
GERES	comp=Z,1.4nm,0.1s				
GERES	GERESS Array B	1.76	330	eP	Pn 04 58 05.5 -3.2
GERES	comp=Z,1.4nm,0.1s				
KRUC	Moravsky	1.95	27	eP	Pn 04 57 44.3 +0.1
KRUC	comp=Z,1.4nm,0.2s				
KRUC	Moravsky	1.95	27	eP	Pn 04 58 09.8 +0.4
KRUC	comp=Z,1.4nm,0.2s				
TREC	Trest	1.99	8	eP	Pg 04 57 45.0 +0.3
TREC	comp=Z,1.4nm,0.2s				
TREC	Trest	1.99	8	eP	Pg 04 57 46.4 -3.3
TREC	comp=Z,1.4nm,0.2s				
SMOL	Smolenice	1.99	53	eP	Pn 04 58 11.7 +1.4
SMOL	comp=Z,1.4nm,0.2s				
SMOL	Smolenice	1.99	53	eP	Pn 04 57 45.7 +0.9
SMOL	comp=Z,1.4nm,0.2s				
KHC	Kasperske Hory	2.05	332	eP	Pg 04 58 12.3 +1.9
KHC	comp=Z,1.4nm,0.2s				
KHC	Kasperske Hory	2.05	33		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ECH Echery, MOF Molkenrain, BFO Black Forest, etc.

GUC 26 05:49:49.2-0.4, 32.71Sx71.70W, h7km, 19km, MD3.6, ML2.1, 1C-2D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ROCH EI Roble, JACH Jahuel, PEL Peidehue, etc.

NEIC 26 06:08:20.4, 63.45N-151.13W, h16km, ML4.1(PMR), ML3.8(AEIC), After AEIC

ICD 26 06:08:22.1-3.5, 63.52N-151.18W, h20km, 19km, mb3.7/7, mb1 3.6/9.11, mb1mx3.7/21, mb1mtp3.7/71, ML3.5/4, Error ellipse: s-maj=25.7km s-min=16.3km az=26.0

ISC 26 06:08:20.1-0.3, 63.49N, 0.03-15.1, 20W, 0.09, h22km, 4km, n5.1, c072/55, mb3.87, Central Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KTH Kantishna Hill, DZM Mont Dzumac, HNR Honiara, etc.

CSEM 26 06:12:46.8-0.2, 29.22N-51.25E, h10km, ML3.3, Error ellipse: s-maj=4.4km s-min=1.7km az=43.0

THR 26 06:12:49.1-0.3, 29.19N-51.26E, h41km, 8km, ML3.4 TEH 26 06:12:52.0, 29.17N-51.38E, h23km, Mn3.3

ISC 26 06:12:49.6-1.3, 29.39N, 0.09-51.3E, 0.1, h10km, n20.1, c101/23, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SHI Shiraz, IMOK Mook, ISRV Sarvestan, etc.

ICD 26 06:23:10.9-1.1, 4.98N-125.64E, mb4.1/5, mb1 4.3/5, mb1mx4.0/15, mb1mtp4.1/5, Error ellipse: s-maj=62.9km s-min=20.4km az=75.0, Talaud Islands

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

HLW 26 06:32:19.5, 34.74N-25.53E, h33km, Mb3.0

CSEM 26 06:32:19.0-1.1, 34.55N-25.35E, h40km, MD3.3, Error ellipse: s-maj=3.2km s-min=2.3km az=64.0

ATH 26 06:32:20.0, 34.62N-25.24E, h38km, 3km, MD3.3/4

NEIC 26 06:32:20.0, 34.62N-25.24E, h38km, MD3.3(ATH), After ATH

ISC 26 06:32:19.7-0.6, 34.53N-25.31E, 0.08, h33km, n8, c108/11, 1D, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like XRY Khrisi, NPS Neapolis, GVD Gavdos, etc.

ICD 26 06:44:07.3-1.7, 22.61S-170.78E, mb3.9/6, mb1 4.1/7, mb1mx4.1/13, mb1mtp4.0/7, ML4.0/1, MS3.7/10, Ms1 3.7/10, ms1mx3.5/21, Error ellipse: s-maj=73.0km s-min=23.5km az=159.0

NEIC 26 06:44:08.9-0.5, 22.54S-170.85E, h10km, mb4.2/1, Error ellipse: s-maj=16.3km s-min=14.7km az=160.0

ISC 26 06:44:11.6-6.4, 22.45S-170.5E, 0.1, h13km, 44km, n46, c135/20, mb3.9/7, MS3.8/7, 4C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, URZ Urewera, etc.

WRAB Tennant Creek 33.77 267 P

WRA Warramunga Arr 33.77 267 P 06 50 51.5 -1.4

CBJ Chichi jima 56.34 329 LR 07 14 32.7

HJH Hachijo jima 2 62.53 331 LR 07 21 10.1

ASAJ Asahikawa 70.99 339 LR 07 26 59.0

SNAAS Sanae 86.04 182 P 06 56 50.2 +2.2

SNAAS Sanae 86.04 182 P 06 56 48.3 -1.5

SNAAS Sanae 86.04 182 P 06 56 52.0

VNA3 Neumayer Olymp 86.59 180 e 06 56 58.4 -1.9

VNA3 Neumayer Olymp 86.59 180 e 06 56 54.9 +6.9

VNA3 Neumayer Olymp 86.59 180 P 06 56 50.9 -1.6

VNA3 Neumayer Olymp 86.59 180 P 06 56 54.5

VNA2 Neumayer-Watz 86.89 181 e 06 56 59.1 -3.1

VNA2 Neumayer-Watz 86.89 181 e 06 56 57.1 -0.9

VNA2 Neumayer-Watz 86.89 181 e 06 56 56.1

NVAR Mina Array Brea 90.02 48 P 06 57 08.4 -1.2

NVAR Mina Array Brea 90.02 48 P 06 57 08.4 -1.2

SONM Songoing Array 90.47 323 P 06 57 12.2 +0.8

ILAR Eielson Array 92.91 P 06 57 23.1 +0.7

ARCES ARCESS Array B 128.44 345 PKP 07 03 14.3 -5.8

OKC Ostrava-Krasne 145.07 328 e 07 03 47.3 +1.4

OKC Ostrava-Krasne 145.07 328 e 07 03 47.3 +1.4

KSP Ksiaz 145.24 331 e PKP 07 03 56.3

DPC Dobruska-Polom 145.58 330 e PKP 07 03 49.1 -2.6

DPC Dobruska-Polom 145.58 330 e PKP 07 03 49.1 -2.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CLL Collm, CLC Collm, NCC Novy Kostel, etc.

NIED 26 06:44:00.4, 41.90N-139.20E, h8km, Mw4.0, Best double couple: M1.03x10^15 NP1.03x354, 860, 1.100. NP2: 0.155, 0.31, 1.74

JMA 26 06:44:28.9-0.1, 41.90N-139.21E, h18km, 1km, M4.2

NEIC 26 06:44:00.1, 41.86N-139.03E, h54km, 14km, mb4.3/1, Error ellipse: s-maj=13.3km s-min=11.0km az=67.0

NEIC Recorded [2 JMA] on Okushiri-to and [1 JMA] in southwestern Hokkaido.

ICD 26 06:44:33.7-2.0, 41.89N-139.04E, h49km, 19km, mb3.6/12, mb1 3.8/14, mb1mx3.8/22, mb1mtp3.8/14, ML3.4/2, Error ellipse: s-maj=20.6km s-min=14.7km az=140.0

ISC 26 06:44:28.5-0.8, 41.91N-139.19E, 0.06, h24km, 5km, n37, c087/36, mb3.8/13, 4C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOSM Okushiri-Mats, JYM2 Yakumo 2, JSH Shimam, etc.

MAJO Matsushiro Arr 5.42 188 P

MJAR Matsushiro Arr 5.42 188 P 06 45 52.7 +2.8

SONM Songoing Array 23.87 296 P 06 49 42.1 +3.7

SONM Songoing Array 23.87 296 P 06 49 42.1 +3.7

MKAR Makanchi Array 40.22 297 P 06 52 03.5 -1.1

KURK Kurchatov 41.68 304 P 06 52 15.4 -1.1

MND Mtsunai 43.45 33 P 06 54 14.4 +0.7

BVAR Borovoye Array 46.10 309 P 06 56 52.0 -0.1

ILAR Eielson Array 46.38 35 P 06 52 55.8 +1.6

ARCES ARCESS Array B 58.84 338 P 06 54 27.3 +0.4

YKA Yellowknife Arr 60.48 31 P 06 54 38.0 -0.3

YKA Yellowknife Arr 60.48 31 P 06 54 38.0 -0.3

WRAB Tennant Creek 61.85 189 P 06 54 48.8 -2.2

WRA Warramunga Arr 61.70 185 P 06 54 45.9 -1.2

FINES FINESS Array B 63.72 300 P 06 54 59.2 -0.6

NB2 NORSAR Subarra 69.04 336 P 06 55 33.7 0.0

NOA NORSAR Arr B 69.04 336 P 06 55 33.9 +0.2

AKASG Malin Array B 69.42 320 P 06 55 36.0 -0.2

PDAR Pinedale Array 75.45 45 P 06 56 13.2 +1.1

TXAR Lajitas Array 88.45 51 P 06 57 21.1 +1.1

SNAAS Sanae 144.83 200 e 07 04 10.7 +8.6

SNAAS Sanae 144.83 200 P 07 04 03.5 +1.4

LPAZ La Paz 145.32 51 PKPbc 07 04 07.2 +2.2

LPAZ La Paz 145.32 51 PKPbc 07 04 07.2 +2.2

VNA2 Neumayer-Watz 146.44 199 e 07 04 14.6 +8.5

VNA2 Neumayer-Watz 146.44 199 e 07 04 07.7 +1.6

VNA2 Neumayer Olymp 146.76 198 e 07 04 14.6

VNA3 Neumayer Olymp 146.76 198 P 07 04 15.0 +8.2

VNA3 Neumayer Olymp 146.76 198 P 07 04 08.7 +1.9

VNA3 Neumayer Olymp 146.76 198 P 07 04 15.0

KNET 26 06:53:30.3-0.5, 44.13N-174.60E, h10km, 2km, ml1.7, Error ellipse: s-maj=3.0km s-min=2.6km az=147.0

NNC 26 06:53:33.9-9.8, 44.05N-174.51E, mpv2.6, Error ellipse: s-maj=87.0km s-min=30.9km az=50.0

ISC 26 06:53:30.0-2.1, 44.3N-174.6E, 0.1, h10km, n8, c102/15, 9C-6D, Central Kazakhstan

Code Station Name Az Phase ID Time Res h m s ISC

USP Oспенovka 0.99 184 P 06 53 47.0 -1.9

USP Oспенovka 0.99 184 P 06 53 47.0 -1.9

TKM2 Tokmak 2 1.52 151 P 06 53 56.8 -0.6

TKM2 Tokmak 2 1.52 151 P 06 53 56.8 -0.6

KBK Karagaybulak 1.62 171 P 06 53 58.8 0.0

KBK Karagaybulak 1.62 171 P 06 53 58.8 0.0

AAK Ala-Archa 1.62 183 P 06 53 58.9 0.0

AAK Ala-Archa 1.62 183 P 06 53 58.9 0.0

AAK Ala-Archa 1.62 183 P 06 53 58.7 -0.2

AAK Ala-Archa 1.62 183 P 06 53 58.7 -0.2

AAK Ala-Archa 1.62 183 P 06 53 58.7 -0.2

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

CASC 26 15:18:50.4:1.1, 8.94N-82.92W, h14km, 7km, MD3.2, MW3.5, 1C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTCR Cotoan, BRUZ Voican, ACUR Cerro Adams, etc.

ISC 26 15:30:02.9:2.0, 17.79S-177.63W, h367km, 21km, mb3.5/13, mb1.3/7.15, mb1mx3.7/19, mbtmp4.2/15, Error ellipse: s-maj=24.4km s-min=11.3km azp=149.0

NEIC 26 15:30:03.5:1.2, 17.36S-177.81W, h360km, 11km, mb3.8/2, Error ellipse: s-maj=37.5km s-min=9.6km azp=155.0

ISC 26 15:30:01.4:1.0, 17.73S-177.67W, h1.0, h366km, 12km, n51.1, 0.88/25, mb3.8/14, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, Urewera, CRZ Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLZ Clausthal, CLL Collm, CLL Collm, etc.

BUI 26 15:56:54.5, 37.98N-38.09E, h39km, mb5.2, mb5.0, Ms5.2, Ms4.8

CSEEM 26 15:56:55.3, 38.25N-38.85E, h5km, mb5.2

CRAAG 26 15:56:55.3, 38.25N-38.85E, Mb5.2

MOS 26 15:56:55.0:1.1, 38.13N-38.83E, h10km, mb5.4/7.5, MS4.3/31, Error ellipse: s-maj=5.3km s-min=2.6km az=134.4

HRVD 26 15:56:55.0:0.3, 38.34N-38.73E, h18km, 1km, MW5.1/77, Centroid moment tensor Solution. LP body waves: s29,c35; Mantle waves: s77,c137; Half duration: 0 Moment tensor: Scale 1016Nm; Mr=1.60±.20; Mw=2.33±.16; Mw3.93±.16; Mw2.81±.53; Mw2.55±.12; Mw=2.53±.43; Best double couple: M5.653/1016 NPl: 0±237°, 051°, 120°. NP2=0.339°, 075°, A-139°. Principal axes: T5.224, P14.120, N103.1; A: 96, P14.97, A: 157; P: 2.083, P19.39; A: 2.020; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 26 15:56:55.0, 38.26N-38.81E, h8km, mb5.3/11.5, MS4.4/8, ML5.3(SK), ML5.0(NIC), After ISK.

NEIC Minor damage at Doganyol, felt at Puturuge. SKO 26 15:56:55.3, 38.25N-38.85E, h5km

ISC 26 15:56:56.2, 38.28N-38.83E, h13km, ML5.3

ISC 26 15:56:56.2:0.5, 38.29N-38.77E, mb4.6/22, mb1.4/8/29, mb1mx4.8/32, mbtmp4.7/29, ML4.3/6, MS4.4/16, Ms1.4/4/16, ms1mx4.2/31, Error ellipse: s-maj=12.9km s-min=10.4km az=22.0

GRAL 26 15:56:56.7:2.5, 38.35N-39.01E, h9km, MD5.1

ISC 26 15:56:55.8:0.1, 38.24N-0.01, 38.85E, 0.01, h10km, (h34km, 5.2km; P=2P, N761, c15/810, mb5.1/158, MS4.5/40, 71C-52D, Turkey)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELZG Elazig, MYA Malatya, URFA Urfa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HWQ Ras Al Marh, MARH Ras Al Marh, TOS Tosya, etc.

Table with columns for location, time, and status. Includes entries like PGF Pioggiaola, HDL Heideheim, VDL Val di Lei, etc.

Table with columns for location, time, and status. Includes entries like WLS Welschbruch, LMR La Moure, LMR La Moure, etc.

Table with columns for location, time, and status. Includes entries like MTLF Montolieu, TCF Touix Ste Croi, CAF Calac, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK Yakutsk, UNV Unalaska Valle, and various others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GUMO Guam, LZH Lanzhou, and various others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SVE SVE, MOD Modoc, and various others.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like REDW, HVU, HANSEL VALLEY, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like NB2, NOA, NOVOKHOPERSK, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like KWP, KALWARIA, KIS, etc.

26d 20h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, RAR Rarotonga, DZM Mont Dzumac, etc.

MEX 26 19:13:36.5-0.5, 23.98N-105.22W, h10km, MD4.1, Central Mexico. Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res.

THE 26 20:04:53.8, 44.95N, 21.00E, h24km, ML4.5
PRU 26 20:05:03.7, 43.54N, 21.51E, M4.0
PDG 26 20:05:07.5, 0.0, 43.83N, 21.80E, h25km, 4km
NEIC 26 20:05:07.5, 43.83N, 21.80E, h25km, mb4.0/1, ML3.6(PDG), After PDG.

BE0 26 20:05:07.4, 0.3, 43.80N, 21.66E, h17km
SOF 26 20:05:07.2, 43.70N, 21.67E, h2km, MD3.7
CSEM 26 20:05:09.6, 0.0, 43.92N, 21.73E, h35km, Ms3.6, Error ellipse: s-maj=1.5km s-min=1.0km az=49.0

SKO 26 20:05:11.2, 43.71N, 21.80E, h25km, M3.4
VIE 26 20:05:12.9, 1.5, 44.23N, 21.44E, mb3.2/7, ML3.3/2, Ms3.6/5, Error ellipse: s-maj=22.9km s-min=12.9km az=29.0

ISC 26 20:05:08.0, 0.5, 43.89N, 0.01, 21.69E, 0.02, h16km, 5km, n126, 1904/182, mb4.0/1, 22C-26D, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SVIS Svijajnac, GRUS Gruza, DJES Djerdap, etc.

2005 NOV

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PVL Pavlikeni, Herceg Novi, Musomiste, etc.

652

Error ellipse: s-maj=12.6km s-min=7.7km az=66.0
ISC 26 20:06:11.8, 1.5, 5.53S, 0.05, 128.66E, 0.08, h306km, 17km, h324km, 3.6km, pp-P, n147, 1904/54, mb4.2/20, Banda

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

NEIC 26 20:18:59.7, 19.40N-68.10W, h80km, MD3.6(RSPR), After RSPR.

RSPR 26 20:18:59.7, 19.40N-68.10W, h80km, 20km, MD3.6/12, MD3.6/12, 7C-5D, Northwest Atlantic Ocean

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LSP Las Mesas, AOPR Arecibo Observ, etc.

27d 2h

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Novosibirsk, Koldanda, Kurchatov, etc.

2005 NOV

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Edmonton, Newport, Mori Rana, etc.

656

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Muntele Rosu, STHS, Stebnicka, etc.

Table with columns: PKI, comp-Z, Station Name, Az, El, Op, Pmax, pmax, Time, Res. Includes stations like KAKANI, DMN, GKN, WMQ, KOLN, etc.

Table with columns: JTS, SOR, LTX, TXAR, MIAR, GDLE, MNTX, WMOK, ROSC, AMTX, SDV, ANMO, ANMO, SDCO, PDAR, SADO, SNOW, NVAR, HLHD, SAML, SIV, SIV, SCHO, YKA, YKA, BDFB, ILAR, ILAR, PPT, Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like SOR, LTX, TXAR, MIAR, etc.

Table with columns: KIZIT, PHNC, ALN, SOH, IGT, HFRF, GRG, KNT, SRN, MERS, FNA, VAY, OFRI, HNTI, BIA, KZIT, KZIT, RTMK, HNTK, HNTK, OHR, MASH, MMLI, HWQ, BR13, BRTR, MZDA, HNTI, PRNI, ZFRI, ZFRI, FKX, KOZAN, MBH, LCI, EIL, AQBJ, SOI, GRI, CEL, ALWS, MTTG, JAGS, HIOS, AGST, PZL, PZI, PZI, PZI, AKRG, PEI, GTR, HHRG, BAB, AYUS, VAE, BAI, ELCN, TIRR, TIRR, SGO, SGO, SGO, SGO, DBAS, MLR, MLR, SO2, SOC, SOC, SOC, PSZ, PSZ, KFC, STHS, PGF, GNI, GNI, KIV, KIV, KIV, AKASG, MORC, MORC, GERES, GERES, DAVOS, KHC, DPC, FUR, WET, PRU, KSP, MBDF, MBDF, MBDF, LPL, LPL, LPL, LPL, ORIF, ORIF, GRAI. Includes stations like KIZIT, PHNC, ALN, SOH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CIRR Tsirk, KBTR Krutoberegovo, KPT Kopyto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, SPN Bering, NLC Nalytchevo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLC Somma, AVH Avacha, UGLR Uglovaya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOK Koryaka, GNL Ganalya, PET Petropavlovsk, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, FORT Forrest, TOO Toolangi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLBRR Kellerberrin, NWAO Narragoin (SRO), RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMI Kunming, KMI Kunming, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRN Sarande, SRN Florina, AGG Agios Georgios, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIA Bitola, OHR Ohrid, GRR Griva, etc.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GKN Gorkha, KOLN Koldanda, FITZ Fitzroy Crossi, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

CASC 27 08:09:48.7, 2.6, 8.85N-83.71W, MD4.1, ML3.4, 9C-10D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACR Cerro Adams, BUS Buena Vista, BUS La Lucha 2, etc.

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

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

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

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

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

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

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

CASC 27 08:09:48.7, 2.6, 8.85N-83.71W, MD4.1, ML3.4, 9C-10D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACR Cerro Adams, BUS Buena Vista, BUS La Lucha 2, etc.

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

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

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

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

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

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

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

BUI 27 07:05:52.3, 4.1, 15Sx143.80E, h97km, mB4.6, mb5.0

NEIC 27 07:05:54.3, 0.4, 4.37S, 143.75E, mb4.7/13, Error ellipse: s-maj=13.6km s-min=7.8km az=89.0

IDC 27 07:05:54.0, 0.7, 4.38S, 144.00E, h107km, mB4.1/7, mb1.4, 3/10, mb1mx4.2/14, mbtmp4.5/10, MS3.6/5, Ms1.3, 6/5, ms1mx3.2/18, Error ellipse: s-maj=24.3km s-min=12.2km az=74.0

ISC 27 07:05:51.6, 2.1, 4.43S, 0.07, 143.72E, 0.09, h84km, 20km, h104km, 6.2km, pP, N, 34, s106/32, mb4.5/16, 1C, New Guinea

IDC 27 08:14:54.3, 2.3, 34.75S, 54.48E, mb4.1/4, mb1.4, 2/5, mb1mx3.9/17, mbtmp4.1/5, MS3.5/2, Ms1.3, 5/2, ms1mx3.0/31, Error ellipse: s-maj=153.8km s-min=27.1km az=39.0

NEIC 27 08:14:55.9, 0.6, 34.85S, 54.40E, h10km, mb4.6/2, Error ellipse: s-maj=25.7km s-min=14.9km az=58.0

ISC 27 08:14:54.3, 0.8, 34.95S, 0.2, 54.5E, 0.2, h10km, n12, s076/7, mb4.2/6, MS3.5/2, Southwest Indian Ridge

BUI 27 08:18:42.8, 1.22N, 96.55E, h30km, mB4.9, mb4.9, Ms4.5, Msz3.9

MOS 27 08:18:49.7, 0.9, 2.00N, 96.73E, h33km, mb5.0/17, Error ellipse: s-maj=15.2km s-min=7.9km az=104.7

NEIC 27 08:18:50.9, 0.3, 1.93N, 96.71E, h30km, mb4.8/21, Error ellipse: s-maj=9.5km s-min=5.1km az=222.0

IDC 27 08:18:52.9, 8.7, 1.95N, 96.68E, h47km, 79km, mb4.3/12, mb1.4, 4/12, mb1mx4.2/18, mbtmp4.6/12, MS3.6/6, Ms1.3, 6/5, ms1mx3.4/29, Error ellipse: s-maj=38.4km s-min=15.7km az=57.0

ISC 27 08:18:48.9, 0.5, 1.94N, 0.07, 96.71E, 0.05, h29km, h29km, 1.4km, pP, n91, 1, mB4.7/43, MS4.0/16, 7C-3D, Off west coast of northern Sumatra

SKO 27 07:08:46.3, 39.76N, 20.99E, M2.0, ML2.3

CSEM 27 07:08:46.3, 0.2, 39.79N, 20.72E, h23km, 3km, ML2.8, Error ellipse: s-maj=8.5km s-min=4.4km az=176.0

ISC 27 07:08:46.4, 0.7, 39.65N, 0.05, 20.79E, 0.04, h23km, 6km, n11, s099/21, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEV Metsovon, MEV IGT, IGT Igoumenitsa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIRI Jiri, PKI Pulchoki, PKI Pulchoki, etc.

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

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like La Roche-sur-Y, La Chataignera, Quistinic, Saint Gilles, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Bandar-Abbas, Banah, Ashiyah, Ghir-Karzin, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Thame Wali, SARP, CEP, MAKU, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Matawai, Kokohu, Puketiti, Urewera, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like ASAO, ASAD, ASAF, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like THW, SARP, CEP, MAKU, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SVE, MURTELE ROSU, KKB, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MORC, LEGS, CLTB, etc.

GE2	GERES Array S	39.27 316	eP	P	10 29 47.7	-0.2
GE2						
	comp-Z,1µm,2.6s,mb6.1					
GERES	GERES Array B	39.27 316	P	P	10 29 47.3	-0.6
	comp-Z,40nm,0.7s,mb5.3,baz=110,slow=7.3,SNR=246					
GERES					10 39 08.3	
	comp-Z,0.8nm,0.6s,baz=90,slow=3.9,SNR=4.3					
GERES					10 48 18.8	
CSMI	CSMI	39.27 312	eP	P	10 29 49.0	+1.0
PVCC	Panska Ves	39.32 318	iP	P	10 29 47.8	-0.5
PVCC					10 35 43.9	-5.0
PVCC					10 47 50.0	
	comp-Z,11µm,19.8s					
KHC	Kasperske Hory	39.44 316	iP	P	10 29 48.9	-0.4
KHC					10 30 08.5	
KHC					10 30 30.5	
KHC					10 35 41.5	
KHC					10 47 40.0	
	comp-Z,10µm,19.2s					
KHC	Kasperske Hory	39.44 316	iP	P	10 29 48.9	-0.4
KHC					10 35 41.5	-9.2
KHC						
	comp-Z,10µm,19.2s,MS5.7					
KRAR	Krasnoyarsk	39.54 32	iP	P	10 29 50.4	+0.4
JOF	Joenussu	39.61 343	eP	P	10 29 50.1	-0.5
	comp-Z,12nm,0.3s,mb5.1					
BRG	Berggiesshubel	39.81 319	iP	P	10 29 52.0	-0.4
	comp-Z,176nm,1.1s,mb5.7					
BRG					10 31 25.0	-2.8
BRG					10 31 57.4	-1.7
BRG					10 36 00.0	+3.6
BRG					10 38 57.0	+1.2
	comp-Z,16µm,31.2s,MS5.7					
BRG	Berggiesshubel	39.81 319	iP	P	10 29 52.0	-0.4
BRG					10 31 25.0	
BRG					10 31 57.4	
BRG					10 36 00.0	+3.6
	comp-Z,176nm,1.1s,mb5.7					
WET	Wetzell	39.88 316	eP	P	10 29 52.3	-0.6
	comp-Z,1µm,2.6s,mb6.1					
WET					10 35 53.9	-3.5
WET					10 39 53.9	-3.5
WET						
	comp-Z,1µm,2.6s,mb6.1					
ZCCA	Zocca	39.95 308	P	P	10 29 55.1	+1.5
FINES	FINES Array B	40.04 338	P	P	10 29 53.5	-0.6
	comp-Z,37nm,0.5s,mb5.4,baz=138,slow=9.7,SNR=484					
FINES					10 31 58.5	-1.2
	comp-Z,23nm,0.6s,baz=129,slow=3.7,SNR=5.7					
FINES	FINES Array B	40.04 338	P	P	10 29 53.5	-0.7
	comp-Z,23nm,0.6s,baz=129,slow=3.7,SNR=5.7					
WTTA	Wattenberg	40.14 313	iP	P	10 29 54.8	-0.3
	comp-Z,938nm,1.4s,mb6.3,SNR=207					
WTTA	Wattenberg	40.14 313	P	P	10 29 54.7	-0.4
	comp-Z,938nm,1.4s,mb6.3,SNR=207					
WATA	Walderalm	40.20 313	P	P	10 29 54.8	-0.8
	comp-Z,361nm,1.1s,mb5.0,SNR=144					
WATA	Walderalm	40.20 313	P	P	10 29 54.7	-0.9
	comp-Z,361nm,1.1s,mb5.0,SNR=144					
MAIM	Sassorosso	40.21 307	P	P	10 29 54.3	-1.4
SARO	Sassorosso	40.32 308	P	P	10 29 55.1	-1.6
VLC	Vilcollemand	40.33 308	eP	P	10 29 56.5	-0.2
	comp-Z,23nm,1.0s,mb5.9,SNR=211					
ERBM	Eremo	40.35 308	P	P	10 29 55.8	-1.1
CHG	Chiang Mai	40.38 92	P	P	10 29 58.6	+1.3
	comp-Z,150nm,1.1s,mb5.6					
DGI	Dorgail Grotta	40.40 302	P	P	10 29 58.8	+1.5
	comp-Z,21nm,3.0s					
SQT	Sankt Quirin	40.41 312	iP	P	10 29 56.8	-0.6
	comp-Z,228nm,1.0s,mb5.9,SNR=388					
SQT	Sankt Quirin	40.41 312	P	P	10 29 56.7	-0.6
	comp-Z,228nm,1.0s,mb5.9,SNR=388					
BERN	Bernou	40.45 317	eP	P	10 30 02.6	+5.0
KAF	Kangasniemi	40.49 339	eP	P	10 29 57.0	-0.3
VALM	Novy Kostel	40.46 308	P	P	10 29 57.0	-0.8
NKC	Novy Kostel	40.49 317	iP	P	10 29 57.9	0.0
KNC					10 36 04.2	-2.3
KNC					10 51 00.0	
	comp-Z,16µm,15.5s					
VINC	Vinca	40.49 308	P	P	10 29 56.5	-1.6
RUE	Ruedersdorf	40.51 321	eP	P	10 29 57.2	-0.8
	comp-Z,278nm,1.0s,mb5.8					
VSL	Villasaito	40.51 300	eP	P	10 29 59.5	+1.2
	comp-Z,666nm,1.1s,mb5.0,SNR=144					
MOTA	Moosalm	40.51 313	iP	P	10 29 57.2	-0.9
	comp-Z,306nm,1.1s,mb5.9,SNR=211					
MOTA	Moosalm	40.51 313	P	P	10 29 57.2	-1.0
CLL	Colim	40.52 319	iP	P	10 29 58.2	0.0
	comp-Z,logA/T=2.4,mb5.8					
CLL					10 30 01.8	+0.6
CLL					10 30 09.7	
CLL					10 31 30.0	-5.1
CLL					10 31 45.6	
CLL					10 36 05.0	-2.0
CLL					10 39 13.0	+1.2
CLL					10 39 54.0	-8.3
CLL					10 39 58.2	0.0
	comp-Z,329nm,1.3s,mb5.8					
CLL					10 30 01.8	+0.6
CLL					10 30 09.7	+8.5
CLL					10 36 05.0	-2.0
CLL					10 39 13.0	+1.2
CLL					10 39 54.0	-8.3
CLL					10 39 58.2	0.0
	comp-Z,329nm,1.3s,mb5.8					
CLL					10 30 01.8	+0.6
CLL					10 30 09.7	+8.5
CLL					10 36 05.0	-2.0
	comp-Z,11µm,19.0s,MS5.7					
CLL	Colim	40.52 319	iP	P	10 29 58.2	0.0
	comp-Z,329nm,1.3s,mb5.8					
CLL					10 30 09.7	+8.5
CLL					10 36 05.0	-2.0
	comp-Z,329nm,1.3s,mb5.8					
BACM	Bacm	40.57 308	P	P	10 29 57.0	-1.7
FUR	Furstenfeldbru	40.61 314	eP	P	10 29 58.6	-0.4
	comp-Z,610nm,1.4s,mb6.0					
FUR	Furstenfeldbru	40.61 314	eP	P	10 29 58.6	-0.4
	comp-Z,610nm,1.4s,mb6.0					
GRAM	Gram	40.61 308	P	P	10 29 57.8	-1.2
CODM	Codm	40.75 308	P	P	10 29 59.2	-1.0
CHRT	Chiangrai	40.79 30	iP	P	10 30 00.0	-0.7
	comp-Z,316nm,1.2s,mb5.8					
FUORN	Ofenpass	40.90 311	iP	P	10 30 01.5	+0.1
BSD	Bornholm Skovb	41.01 325	iP	P	10 30 00.9	-1.2
	comp-Z,255nm,0.9s,mb5.8					
BSD	Bornholm Skovb	41.01 325	iP	P	10 30 06.0	
BSD					10 30 00.9	-1.2
BSD					10 30 06.0	
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					
BERNI	Berninapass	41.02 311	iP	P	10 30 02.7	+0.4
GRA1	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRA1					10 31 42.2	+1.5
GRA1					10 36 09.8	-5.4
	comp-Z,10µm,21.1s,MS5.6					
GRF	Grafenberg Arr	41.08 316	eP	P	10 30 02.9	+0.1
	comp-Z,432nm,1.1s,mb6.0					
GRF					10 31 42.2	+1.5
GRF					10 36 09.8	-5.4
	comp-Z,255nm,0.9s,mb5.8					

27d 10h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WLF, WTSB, VIVF, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ARCES, TCF, KTK1, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TRO, EBEN, MFF, etc.

27d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for JYA, JWZ, JWD, etc.

2005 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for LZH, LZH, LZH, etc.

670

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for THY, HYB, HYB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Columbia Colle, McKenzies Canyon, Bozeman (W), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ, BDFB Brasilia, PLCA, NEIC 27 10:53, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NDI 27 10:56, CHERAT, CHCPC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like KJL, CNTC, ANCK, etc.

IDC 27 11:07:26.71.1, 26.82N-55.63E, mb3.8/11, m1 3.9/11, mbc1mx3.8/21, mbmp3.8/11, Error ellipse: s-maj=27.3km s-min=21.8km az=118.0

CSEM 27 11:07:27.10.1, 26.72N-55.73E, h18km, mb3.8/2, Error ellipse: s-maj=3.7km s-min=3.0km az=144.0

NEIC 27 11:07:28.30.9, 26.82N-55.61E, h10km, mb3.8/2, Error ellipse: s-maj=20.0km s-min=14.8km az=158.0

THR 27 11:07:29.0.0.4, 26.85N-55.70E, h14km, mb3.8/2, Error ellipse: s-maj=2.8km s-min=2.2km az=144.0

ISC 27 11:07:28.2.5, 26.8N-55.7E, h10km, mb3.8/2, Error ellipse: s-maj=2.8km s-min=2.2km az=144.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Southern Iran like BNDS, GHIR, KRBR, etc.

BUI 27 11:13:07.0, 26.70N-55.80E, h10km, mb5.5, mb5.0, Ms5.0, Ms2.8

IDC 27 11:13:08.6.0.4, 26.83N-55.88E, mb4.9/26, m1 5.0/27, m1 mx5.0/28, mbmp4.9/27, ML4.0/1, MS4.3/3, Ms1.4.3, ms1mx3.8/29, Error ellipse: s-maj=14.1km s-min=11.0km az=128.0

CRAQG 27 11:13:10.1, 26.82N-55.90E, Mb5.3

HRVD 27 11:13:10.1.0.9, 26.70N-55.59E, h15km, 2km, MW5.0/45, Centroid moment tensor Solution. LP body waves: s11,c13, Mantle waves: s45,c77; Half duration: 0. Moment tensor: Scale 10^19Nm; Mn:2.85t;38; Mw:3.10t;26; Mw0.25t;23; Mw0.09t;43; Mw0.51t;14; Mw1.87t;67; Best double couple: M3.512x10^16 NP1.9t;254; 649; s52; NP2.0t;124; 853; A.126. Principal axes: T 3.842, Plg62, Azm96; N -659, Plg28; Azm281; P -3.182, Plg2; Azm190; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 27 11:13:10.1.0.2, 26.72N-55.79E, h10km, mb5.2/33, MMs4.0(TEH) Error ellipse: s-maj=4.5km s-min=3.2km az=200.0

THR 27 11:13:11.6.0.8, 26.84N-55.82E, h15km, 10km, ML4.5

CSEM 27 11:13:11.4.0.1, 26.65N-55.75E, h35km, mb5.3/60, Error ellipse: s-maj=2.8km s-min=1.9km az=86.0

MOS 27 11:13:12.1.0.8, 26.83N-55.77E, h33km, mb5.4/84, Error ellipse: s-maj=6.7km s-min=2.8km az=130.1

TEH 27 11:13:13.3.26, 26.72N-55.76E, h10km, M14.8

ISC 27 11:13:10.6.0.5, 26.74N-55.78E, h25km, 4km, h25km, 4.6km, P-P, n677, s193/676, mb5.1/189, MS4.5/9, 123C-27D, Southern Iran

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

comp=N,15um,0.4s

Table with columns: BANOM, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Banah, ANSHO, ASHJO, etc.

ALWS llw as Safayha 18.46 283 P P 11 17 27.3+0.6

ZFRI Zfri 18.47 287 P P 11 17 28.5+1.7

AGBA Agaba 18.50 284 P P 11 17 27.4+0.1

POO Poona 18.56 112 eP P 11 17 27.0-1.0

HAQS Haql 18.57 282 P P 11 17 28.7+0.6

MLLI Mount Malkishu 18.58 284 P P 11 17 28.4+0.2

EIL Elat 18.58 284 P P 11 17 28.4+0.2

PRNI Paran 18.60 286 P P 11 17 29.0+0.6

MYA Malataya 18.60 313 eP P 11 17 29.6+1.2

MBH Mount Berech 18.62 284 P P 11 17 29.0+0.3

BHK Bhakra 18.62 71 eP x 11 17 33.4

HWO Hawqa 18.65 299 ePn P 11 17 27.8+1.9

GZT Gaziantep 18.68 309 eP P 11 17 27.6-1.8

Table with columns: KIV, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Kislovodsk, GRESN, FRRA, etc.

VER Veresk 25.45 301 eP P 11 18 37.5-0.8

YRS Yersik 25.45 301 eP P 11 18 37.5-0.8

GKN Gorka 25.64 81 eP P 11 18 40.6+0.5

HRT Hereke 25.73 310 eP P 11 18 38.5-2.4

HRT Hereke 25.73 310 eP P 11 18 41.1+0.3

ULDT Uludag 25.82 308 iP P 11 18 41.9+0.2

DMN Daman 26.08 81 eP P 11 18 44.8+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

KKN Kakan 26.22 81 eP P 11 18 46.0+0.5

Table of astronomical observations for 27d 11h, listing station names (ULN, SMF, SMF, etc.), object names (Ulanbatar, Signal de Mont, etc.), coordinates, and observation parameters.

Table of astronomical observations for 2005 NOV, listing station names (EVIA, EHUE, EHUE, etc.), object names (Huescar, Huescar, etc.), coordinates, and observation parameters.

Table of astronomical observations for 2005 NOV, listing station names (LBTB, YAK, YAK, etc.), object names (Yakutsk, Tiksi, etc.), coordinates, and observation parameters.

NEIC 27 11:37:33.5±0.7, 49.89N±18.39E, h5km, MG2.5(WAR), Error ellipse: s-maj=11.2km s-min=6.5km az=193.0 PRU 27 11:37:34.3, 49.89N±18.39E, h5km, MG2.5(WAR), ISC 27 11:37:31.8±0.4, 49.84N±18.38E±0.03, n25, s151/45, Czech and Slovak Republics

677

Table with columns: KLR, Kul'dur, 10.11 282, P, 12 47 42.0 -0.9, 12 49 34.5 +0.5, etc. Includes stations like KLR, EKMR, JYK, MA2, ONAJ, etc.

2005 NOV

Table with columns: Ulanbaatar, 26.49 285, eP, P, 12 53 35.0 -1.4, 12 50 24.0 -0.7, etc. Includes stations like Ulanbaatar, Nanjing, Songino Array, etc.

27d 12h

Table with columns: AAK, Ala-Archa, 49.46 292, P, P, 12 53 32.4 -0.6, 12 53 35.4 +0.9, etc. Includes stations like AAK, UCH, EKS2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like BOSA, SAML, LPAZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like BOK, BOM, BOC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like NJ2, JOF, FINES, etc.

BJI 27 12:59:27.4, 34.57N; 72.39E, h10km, mB4.8, mb4.8, ML4.6, MS4.5 MSz4.3
NDI 27 12:59:30.8, 3.6, 34.98N; 72.77E, h10km, mb4.6
IDC 27 12:59:31.6, 0.6, 34.73N; 73.04E, mb4.5/14, ml 4.6/17,
bm1mx4.4/22, btmpp4.5/17, ML4.5/3, MS3.9/3, MS1.3/9,
ms1mx3.3/25, Error ellipse: s-maj=17.0km s-min=16.3km
az=146.0

MOS 27 12:59:33.9, 1.0, 34.72N; 73.02E, h27km, mb4.9/21, Error
ellipse: s-maj=11.2km s-min=5.3km az=87.5
NEIC 27 12:59:33.2, 0.3, 34.70N; 73.01E, h10km, mb4.7/22,
MS4.1/1, Error ellipse: s-maj=6.6km s-min=5.3km az=48.0
NCC 27 12:59:46.8, 5.2, 35.43N; 72.77E, h70km, 37km, mpv4.6,
Error ellipse: s-maj=53.8km s-min=28.8km az=29.0
ISC 27 12:59:31.6, 0.2, 34.68N; 0.02, 72.99E, 0.04, h10km, n153,
+1522/174, mb4.5/44, MS4.0/7, 21C-9D, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like CHCP, CEP, SRNI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like BVAO, BVAR, BRVK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like ARCES, AREO, YAK, etc.

NEIC 27 13:00:12.4, 58.25N; 133.82W, h1km, ML2.8(AEIC), After
AEIC
PGC 27 13:00:12.3, 58.38N; 133.48W, h1km, ML3.1/4,
ML2.8/5(AEIC), Near Mt. Ogden, British Columbia -
Alaska border, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error Std, Elevation Error Std, Frequency Error Std, Bandwidth Error Std, SNR Error Std. Includes stations like BESE, DLBC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, MAJH Hachijo jima 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KTH Kantishna Hill, KTH Thorofare Moun, HUR Hurricane, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KARP Karpathos, GVD Gavdhos, VAM Venos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Les Rejaudoux, La Frestelle, Obninsk, etc.

NEIC 27 16:10:09.5-0.3, 51.55N-16.20E, h5km, ML3.0(CLL), ML2.0(BRG), Error ellipse: s-maj=4.1 km s-min=3.7km az=92

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

IDC 27 16:14:43.6:1.4, 20.32S-16.32E, mb3.9/4, mb1 4.1/8, mb1mx3.8/19, mbmp4.0/8, ML4.0/4, MS3.2/2, MS1 3.2/2, mb1mx2.8/22, Error ellipse: s-maj=24.6km s-min=17.0km az=156.0

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

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

Table with columns for station name, frequency, and other technical details. Includes stations like SHAO, WHFO, ASAO, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like MMLI, HAQS, MYA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BRTR, BR131, BOYT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRSR, APE, SIVA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, AKASG, DRGR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC, MMGO, ARSA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, ISAD Sadrabad, ICHK Chekchek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, RSSD Black Hills, RWVY Rawlins, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like THR 27 22:33:02.0, BNSD Bandar-Abbas, GHIR Ghir-Karzin, etc.

LZH	comp=Z,25um,18.7s,MS6.0	MLR	MLR							
SMLA	Simla	35.39	329	eP	P	23 38 29.9	-1.5			
SMLA				ex	x	23 43 50.8				
BHK	Bhakra	36.01	329	ex	P	23 38 43.5	-0.4			
NJ2	Nanjing	36.87	31	eP	P	23 38 49.5	-1.9			
NJ2				AP	pP	23 40 09.3	-0.6			
NJ2				PP	PP	23 44 26.0	-0.4			
NJ2				S	S	23 44 41.0				
NJ2	comp=Z,50nm,1.1s,mb5.3			AMB	AMB					
NJ2	comp=Z,970nm,6.5s			LR	LR					
NJ2	comp=Z,1.1um,14.3s,MS5.8			LR	LR					
THN	Thein Dam	37.17	329	eP	P	23 38 45.7	-0.7			
SSE	Sheshan	37.41	35	eP	P	23 38 48.8	+0.4			
SSE				AP	pP	23 38 55.0	-0.9			
SSE				PP	PP	23 40 14.8	-1.7			
SSE				S	S	23 44 36.3	+1.6			
SSE	comp=Z,50nm,0.9s,mb5.3			AMB	AMB					
SSE	comp=Z,820nm,8.4s			LR	LR					
SSE	comp=N,5um,14.7s,MS5.8			LR	LR					
SSE	comp=E,9um,14.7s,MS5.8			LR	LR					
SSE	comp=Z,13um,15.1s,MS5.8			LR	LR					
SSE	Sheshan	37.41	35	eP	P	23 38 48.7	+0.3			
SSE	comp=Z,57nm,0.9s,mb5.4			pP	pP	23 38 55.0	-0.9			
SSE				SP	SP	23 40 14.8	-1.7			
SSE				PP	PP	23 44 36.2	+1.5			
SSE				S	S	23 44 45.8				
SSE				SS	SS	23 47 19.6	+1.2			
SSE				ScS	ScS	23 49 01.4	+3.0			
SSE				LR	LR					
MUN	Mundaring	37.50	153	eP	P	23 38 58.6	+9.4			
KLBR	Kellerberrin	37.90	151	eP	P	23 39 00.8	+8.2			
KLBR	comp=Z,76nm,1.4s,mb5.2			GAotai	38.16	31	iP	P	23 39 54.8	+0.2
GTA				AP	pP	23 39 01.5	-0.7			
GTA				XP	sP	23 39 05.5	+0.2			
GTA				PP	PP	23 40 25.8	+0.4			
GTA				PCP	pP	23 41 10.5	+0.9			
GTA				S	S	23 44 45.5	-0.5			
GTA				SCP	SCS	23 44 55.0				
GTA				PCS	SS	23 44 58.0				
GTA				SS	SS	23 47 23.5	-1.0			
GTA				ScS	ScS	23 49 02.8	+0.2			
GTA	comp=Z,50nm,1.0s,mb5.2			AMB	AMB					
GTA	comp=Z,2um,6.5s			LR	LR					
GTA	comp=N,7um,18.3s,MS5.7			LR	LR					
GTA	comp=E,6um,14.4s,MS5.7			LR	LR					
GTA	comp=Z,8um,17.5s,MS5.6			LR	LR					
NWAO	Narrogin (SRO)	38.76	153	P	P	23 38 58.2	-1.6			
JOW	Kunigami	39.21	47	P	P	23 39 04.5	+0.8			
JOW	comp=Z,39nm,0.7s,mb5.2,baz=262,slow=8.7,SNR=14			TIA	39.44	26	iP	P	23 39 05.0	-0.4
TIA	Tai'an			S	S	23 45 08.0	+2.5			
TIA	comp=Z,670nm,5.0s			LR	LR					
TIA	comp=N,4um,16.5s,MS5.4			LR	LR					
TIA	comp=Z,3um,14.7s,MS5.4			LR	LR					
BTO	Baotou	40.95	15	eP	P	23 39 18.3	+0.6			
BTO	comp=Z,70nm,1.7s,mb5.0			HHC	41.59	16	eP	P	23 39 24.5	+1.5
HHC	Hu-ho-hao-te			AP	pP	23 39 34.0	+3.4			
HHC				XP	sP	23 39 38.0	+4.3			
HHC				PP	PP	23 41 05.3	+3.2			
HHC				PCP	pP	23 41 21.0	+0.4			
HHC				SCP	SCS	23 45 05.3				
HHC				PCS	S	23 45 09.5				
HHC				S	S	23 45 41.0	+3.6			
HHC				XS	SS	23 45 55.5				
HHC				SS	SS	23 45 14.0	+5.8			
HHC				ScS	ScS	23 49 21.8	-0.9			
HHC	comp=Z,2um,5.4s			AMB	AMB					
HHC	comp=Z,12um,16.8s,MS5.9			LR	LR					
WRA	Warramunga Arr	41.93	122	P	P	23 39 25.5	-0.6			
WRA	comp=Z,34nm,0.6s,mb5.1,baz=300,slow=9.1,SNR=85			WRA	41.94	122	eP	P	23 45 39.4	-3.3
WRA	comp=Z,2.9nm,0.4s,baz=292,slow=16,SNR=5			WRAB	41.93	122	eP	P	23 39 25.3	-0.8
WRAB	Tennant Creek			LR	LR					
WRAB	comp=Z,2um,19.0s,MS4.9			WRAB	41.93	122	iP	P	23 39 25.5	-0.6
WRAB	Tennant Creek			iP	P	23 39 25.3	-0.9			
WB2	Warramunga Arr	41.94	122	eP	P	23 39 34.8	+1.3			
KSH	Kashi	42.86	336	iP	P	23 39 44.0	+3.0			
KSH				AP	pP	23 39 48.0	+3.8			
KSH				XP	sP	23 41 18.0	+2.6			
KSH				PP	PP	23 41 23.3	+1.5			
KSH				PCP	pP	23 41 54.0	+4.2			
KSH				PPP	PPP	23 45 11.5				
KSH				SCP	SCS	23 45 15.0				
KSH				PCS	S	23 45 59.0	+2.8			
KSH				S	S	23 49 07.0	+5.5			
KSH				ScS	ScS	23 49 29.3	-1.2			
KSH	comp=Z,1um,4.0s			AMB	AMB					
KSH	comp=N,5um,14.6s,MS5.7			LR	LR					
KSH	comp=E,5um,15.2s,MS5.7			LR	LR					
FORT	Forrest	43.17	140	eP	P	23 39 37.8	+1.6			
FORT	comp=E,73nm,0.6s,mb5.6			WMQ	43.35	350	iP	P	23 39 38.3	+0.9
WMQ	Urumqi			AP	pP	23 39 46.0	+1.1			
WMQ				XP	sP	23 39 49.0	+1.0			
WMQ				PP	PP	23 41 21.0	+0.8			
WMQ				PPP	PPP	23 41 56.0	0.0			
WMQ				SCP	SCS	23 45 14.0				
WMQ				S	S	23 46 03.0	-0.1			
WMQ				SS	SS	23 49 11.0	+0.8			
WMQ				ScS	ScS	23 49 35.5	+2.1			
WMQ	comp=Z,90nm,1.0s,mb5.5			AMB	AMB					
WMQ	comp=Z,1um,4.7s			LR	LR					
WMQ	comp=N,2um,24.2s,MS5.4			LR	LR					
WMQ	comp=E,5um,21.4s,MS5.4			LR	LR					
WMQ	comp=Z,3um,27.5s			LR	LR					
DL2	Dalian	43.69	28	iP	P	23 39 40.5	+0.3			
DL2				S	S	23 46 12.3	+4.2			
DL2				XS	SS	23 46 23.0				
DL2	comp=Z,100nm,0.7s,mb5.7			AMB	AMB					
DL2	comp=Z,710nm,4.9s			LR	LR					
DL2	comp=N,3um,14.0s,MS5.5			LR	LR					
DL2	comp=E,2um,13.0s,MS5.5			LR	LR					
DL2	comp=Z,3um,14.5s,MS5.4			LR	LR					
JNU	Nakatsue	44.79	41	P	P	23 39 49.6	+0.4			
JNU	comp=Z,37nm,0.8s,mb5.2,baz=199,slow=5.4,SNR=10			LR	LR	00 01 09.7				
AAA	Alma-Ata	45.71	339	eP	P	23 39 56.5	+0.1			
AAA				eS	S	23 46 39.0	+1.7			
AAA	comp=Z,2um,2.5s			pmax	pmax					

AAA	comp=E,4um,5.0s			smax						
AAA	Uchtor	45.74	336	P	P	23 39 58.0	+1.4			
AAA	comp=Z,5um,17.0s,MS5.5			MLR	MLR					
UCH	SNR=19			P	P	23 39 58.0	+1.4			
KS15	Wonju Array Si	45.81	34	eP	P	23 39 56.9	-0.4			
TKM2	Tokmak 2	45.91	38	P	P	23 39 58.9	+0.9			
TKM2	SNR=16			P	P	23 39 56.9	-0.4			
KBK	Karagaybulak	45.93	337	P	P	23 39 59.6	+1.5			
KBK	SNR=23			P	P	23 39 59.6	+1.5			
AML	Almayashu	45.99	336	P	P	23 39 60.0	+1.4			
AML	SNR=12			P	P	23 39 58.5	-0.8			
AAK	Ala-Archa	46.09	337	eP	P	23 39 59.5	-0.8			
AAK	comp=Z,36nm,0.9s,mb5.3			P	P	23 39 59.3	-0.1			
AAK	Ala-Archa	46.09	337	iP	P	23 39 59.3	-0.1			
AAK	comp=Z,100nm,3.0s			pmax	pmax					
AAK	comp=Z,6um,24.0s,MS5.5			MLR	MLR					
FRU	Bishkek	46.21	337	iP	P	23 40 01.0	+0.7			
FRU				e	L	23 40 14.0				
FRU				e	L	23 46 46.0				
FRU				e	L	23 50 08.0				
FRU	comp=Z,140nm,2.8s,mb5.4			pmax	pmax					
FRU	comp=N,4um,18.0s			MLR	MLR					
EKS2	Erkin-Say	46.40	336	P	P	23 40 03.2	+1.4			
EKS2	SNR=14			P	P	23 40 04.2	+0.6			
USP	Ospenokva	46.62	337	P	P	23 40 04.2	+0.6			
USP	SNR=28			P	P	23 40 04.3	+1.6			
SNY	Shenyang	46.91	27	iP	P	23 40 04.3	+1.6			
SNY				S	S	23 46 56.3	-1.8			
SNY	comp=Z,70nm,1.0s,mb5.5			AMB	AMB					
SNY	comp=Z,1um,5.1s			AMB	AMB					
SNY	comp=E,3um,16.2s			LR	LR					
SNY	comp=Z,3um,21.1s,MS5.2			LR	LR					
SOMN	Songino Array	47.17	8	P	P	23 40 08.4	+0.5			
SOMN	comp=Z,58nm,0.6s,mb5.7,baz=189,slow=9.9,SNR=122			PcP	PcP	23 41 40.0	+0.4			
SOMN	comp=Z,11nm,0.7s,baz=195,slow=3.0,SNR=4.3			LR	LR	00 02 44.7				
SOMN	comp=Z,16um,18.8s,MS6.0,baz=189,slow=40			LR	LR	23 40 08.8	-0.2			
ULN	Ulanbaatar	47.30	91	eP	P	23 40 08.8	-0.2			
ULN	comp=Z,61nm,0.8s,mb5.6			LR	LR					
ULN	comp=Z,13um,19.0s,MS5.9			LR	LR					
ULN	Ulanbaatar	47.30	91	iP	P	23 40 09.4	+0.5			
ULN	comp=Z,31nm,0.8s,mb5.3,baz=158,slow=7.7,SNR=129			LR	LR	00 04 12.4				
MKAR	Makanchi Array	47.32	346	P	P	23 40 09.1	+0.1			
MKAR	comp=Z,3um,21.2s,MS5.2,baz=143,slow=41			LR	LR					
CN2	Changchun	49.31	27	eP	P	23 40 24.5	-0.1			
CN2				eXP	sP	23 40 38.3	+3.1			
CN2				PP	PP	23 42 19.0	+0.1			
CN2				eS	S	23 47 28.0	-0.2			
CN2	comp=Z,80nm,0.8s,mb5.8			AMB	AMB					
CN2	comp=N,7um,14.0s,MS5.9			LR	LR				</	

Table with columns for station call signs (BDAS, MACK, JMOS, etc.), frequencies, and other technical details. Includes sub-sections like YAK, SOC, GZT, etc.

Table with columns for station call signs (TIXI, SEY, KLMM, etc.), frequencies, and other technical details. Includes sub-sections like DRV, TIRR, AKASG, etc.

Table with columns for station call signs (TRO, BRG, BRG, etc.), frequencies, and other technical details. Includes sub-sections like GERS, PTCC, KHC, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like LPL La Plagne, FRF La Forest Royal, HAU Hudomppe, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like SRU Nelson, ANMO Albuquerque, BNM Barren Site, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ACX Acapulco, CAIG El Cayaco, PLIG Platanillo, etc.

NEIC 28 00:02:15.5, 16.73N-99.87W, h8km, MD3.6(MEX), After MEX. MEX 28 00:02:15.5-0.7, 16.73N-99.86W, h5km, MD3.6, 2C, Near coast of Guerrero

IDC 28 00:16:42.0, 0.5, 1.13N-97.35E, h34km, mb5.6, mb5.1, Ms5.4, 1.6/19, mb1mx4.6/22, mbtmp4.5/19, MS5.0/10, Ms1 5.0/10, ms1mx4.8/14, Error ellipse: s-maj=17.3km s-min=11.8km az=38.0. BUJ 28 00:16:44.8, 1.01N-97.35E, h34km, mb5.6, mb5.1, Ms5.4, Msz5.3. MOS 28 00:16:46.0, 0.9, 1.25N-97.33E, h35km, mb5.4/33, MS5.2/8, Error ellipse: s-maj=12.1km s-min=6.4km az=110.3. HRVD 28 00:16:47.1, 0.3, 0.80N-96.98E, h37km, 1km, MW5.2/66, Centroid moment Tensor Solution. LP body waves: s57, c2, Mantle waves: s66, c05; Half duration: 1s0. Moment tensor: Scale 10^17Nm; M=0.61+0.4; Mw=0.46+0.02; Mw=0.14+0.03; Mw=0.42+0.03; Mw0.55+0.02; Mw=0.30+0.04; Best double couple: Mo: 903x10^17 NP1: o309, s28, s93, NP2: o126, s62, s89. Principal axes: T: 769, Plg73, Azm33; N: 269, Plg1; Azm127; P: -1.038, Plg17; Azm217; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. NEIC 28 00:16:47.1, 0.2, 1.15N-97.24E, h30km, mb5.1/32, Error ellipse: s-maj=7.0km s-min=5.8km az=222.0. NEIC Feil [I] at Gunungstilo. ISC 28 00:16:45.0, 0.3, 1.12N-100.04, 97.25E, 0.04, h30km, h30km, 1.8km, pp-P, n201, s1806/203, mb5.0/75, MS5.2/31, 10C-2D, Northern Sumatra

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like IPM Ipoh, KULM Kulim, PBM Port Blair, etc.

KMI	comp=N,670nm,27.5s,MS5.1	LR	LR						
KMI	comp=E,660nm,31.4s,MS5.1	LR	LR						
KMI	comp=Z,2um,31.4s,MS5.3	LR	LR						
KMI	Kunming 96.53 314	P	P	03 41 45.9 +4.4					
KMI	comp=Z,10.0nm,0.5s,mb5.5	pP	pP	03 41 49.3 +4.5					
KMI		pP	pP	03 41 50.8 +4.8					
KMI		PP	PP	03 45 43.8 +5.6					
KMI		PPP	PPP	03 47 49.9 +6.1					
KMI		SKS	SKS	03 52 22.8 +0.9					
KMI		sS	sS	03 53 06.2 +7.4					
KMI		SS	SS	03 53 10.3					
KMI		PS	PS	03 54 32.3 +6.3					
KMI		SS	SS	03 59 41.1 +4.6					
KMI		SSS	SSS	03 43 28.2 +7.2					
KMI	comp=Z,2um,31.4s,MS5.3								
KMI	Kunming 96.53 314	P	P	03 41 45.9 +4.4					
KMI		*PP	*PP	03 41 49.3 +4.5					
KMI		*SP	*SP	03 41 50.6 +4.8					
KMI				03 45 43.8					
KMI		PPP	PPP	03 47 49.9 +6.1					
KMI		S	S	03 53 06.2 +7.4					
KMI		PS	PS	03 54 32.3 +6.3					
KMI		SS	SS	03 59 41.1 +4.6					
KMI		SSS	SSS	03 43 28.2 +7.2					
KMI	comp=Z,10.0nm,0.5s,mb5.5	MLR	MLR						
KMI	comp=Z,2um,31.4s,MS5.3								
SSE	Sheshan 96.96 331	P	P	03 41 46.5 +3.2					
SSE		AP	AP	03 41 56.3 +10.5					
SSE		S	S	03 53 00.8 -1.5					
SSE		XS	XS	03 53 16.5					
SSE		AMB	AMB						
SSE	comp=Z,90nm,4.9s	LR	LR						
SSE	comp=N,590nm,25.7s,MS5.0	LR	LR						
SSE	comp=E,270nm,25.7s,MS5.0	LR	LR						
SSE	comp=Z,980nm,23.0s,MS5.2	LR	LR						
SSE	Sheshan 96.96 331	P	P	03 41 46.6 +3.3					
SSE	comp=Z,42nm,0.7s,mb6.0	pP	pP	03 41 56.2 +10					
SSE		sP	sP	03 42 00.0 +12					
SSE		PP	PP	03 45 36.8 +5.3					
SSE		S	S	03 53 00.8 -1.5					
SSE		sS	sS	03 53 01.5 -1.6					
SSE		SS	SS	03 53 16.4					
SSE		SSS	SSS	03 59 32.6 -10					
SSE	comp=Z,990nm,23.0s,MS5.2								
NJ2	Nanjing 98.42 330	eP	P	03 41 50.8 +0.9					
NJ2		AP	AP	03 41 55.5 +2.4					
NJ2		XP	XP	03 41 58.5 +4.4					
NJ2		PP	PP	03 45 52.8 +0.1					
NJ2		S	S	03 53 16.0 +1.5					
NJ2		XS	XS	03 53 25.0					
NJ2	comp=Z,10.0nm,0.6s,mb5.5	AMB	AMB						
NJ2	comp=Z,100nm,10.8s	LR	LR						
NJ2	comp=N,2um,22.0s,MS5.7	LR	LR						
NJ2	comp=E,2um,25.0s,MS5.7	LR	LR						
NJ2	comp=Z,2um,34.0s	LR	LR						
ENH	Enshi 99.20 321	eP	P	03 41 52.6 -0.9					
ENH	comp=Z,791nm,20.0s,MS5.2	LR	LR						
MAJR	Matsushiro Arr 99.43 346	LR	LR	03 42 23.2					
MAJR	comp=Z,596nm,21.9s,MS5.0,baz=180,slow=34	LR	LR						
MAJO	Matsushiro 99.43 346	PFAKE	LR	03 42 10.0 +16					
PAYG	Puerto Ayora 100.69 113	PFAKE	LR	03 42 10.0 +9.4					
PAYG	comp=Z,784nm,21.0s,MS5.2	LR	LR						
KMBO	Kilima Mbogo 101.52 245	PFAKE	LR	03 42 20.0 +16					
KMBO	comp=Z,532nm,19.0s,MS5.1	LR	LR						
CD2	Chengdu 101.55 317	eP	P	03 42 08.0 +3.9					
CD2		PP	PP	03 46 21.8 +5.1					
CD2		PPP	PPP	03 48 33.8 +6.0					
CD2		SKS	SKS	03 49 45.5 -1.5					
CD2		S	S	03 53 46.0 +5.1					
INCN	Inchon 102.04 337	PFAKE	LR	03 42 20.0 +14					
INCN	comp=Z,744nm,19.0s,MS5.2	LR	LR						
SAML	Samuel 103.09 141	PFAKE	LR	03 42 20.0 +8.7					
SAML	comp=Z,696nm,19.0s,MS5.2	LR	LR						
LSA	Lhasa 104.85 306	PFAKE	LR	03 42 30.0 +11					
LSA	comp=Z,844nm,19.0s,MS5.3	LR	LR						
OTAV	Otavalo 105.60 123	ePKiKP	LR	03 46 37.7					
OTAV	comp=Z,520nm,22.0s,MS5.0	LR	LR						
MDJ	Mudanjiang 108.50 341	PdIF	pP	03 42 37.5 +3.1					
MDJ		PP	PP	03 47 08.8 +0.2					
MDJ		P	P	03 54 47.8					
MDJ	comp=N,330nm,36.0s	LR	LR						
MDJ	comp=E,690nm,29.0s	LR	LR						
MDJ	comp=Z,680nm,31.3s,MS5.0	LR	LR						
MDJ	Mudanjiang 108.50 341	PFAKE	LR	03 46 50.0					
YSS	Yuzh-Sakhalins 109.35 351	PFAKE	LR	03 46 50.0					
YSS	comp=Z,556nm,22.0s,MS5.1	LR	LR						
GTA	Gaotai 110.62 317	PKP	PKP	03 46 45.0 -0.9					
GTA		PP	PP	03 47 25.5 +1.1					
GTA		SKS	SKS	03 53 51.0 +24					
GTA		SKS	SKS	03 54 15.8					
GTA	comp=Z,70nm,8.4s	LR	LR						
GTA	comp=N,590nm,23.2s	LR	LR						
GTA	comp=E,340nm,16.0s	LR	LR						
RCBR	Riachuelo 111.55 168	PFAKE	LR	03 40 00 +12					
RCBR	comp=Z,760nm,21.3s,MS5.2	LR	LR						
JTS	JuntasAbangare 112.81 113	PFAKE	LR	03 47 00.0 +9.3					
JTS	comp=Z,582nm,20.0s,MS5.2	LR	LR						
HIA	Hailar 114.71 335	PFAKE	LR	03 47 00.0 +6.4					
HIA	comp=Z,1um,21.0s,MS5.4	LR	LR						
SMY	Shemya 115.69 13	PFAKE	LR	03 47 10.0 +14					
SMY	comp=Z,13um,22.0s	LR	LR						
ULN	Ulaanbaatar 116.28 326	PFAKE	LR	03 47 10.0 +13					
ULN	comp=Z,823nm,22.0s,MS5.3	LR	LR						
ULN	Ulaanbaatar 116.28 326	ePKiKP	PKP	03 46 57.5 +0.7					
SONM	Songino Array 116.42 326	PKP	PKP	03 46 56.4 -0.7					
SONM	comp=Z,0.3nm,0.5s,baz=135,slow=2.0,SNR=3.5	LR	LR						
SNCC	San Nicolas Is 116.88 69	PFAKE	LR	03 47 10.0 +12					
SDV	Santo Domingo 117.31 127	PFAKE	LR	03 47 10.0 +10					
SDV	comp=Z,912nm,20.0s,MS5.4	LR	LR						
PFO	Pinyon Flat Ob 118.53 72	PFAKE	LR	03 47 10.0 +8.5					
PFO	comp=Z,297nm,20.0s,MS4.9	LR	LR						
WMQ	Urumqi 118.64 310	ePKP	PKP	03 47 00.0 -1.5					
WMQ		PP	PP	03 48 24.0 +3.0					
WMQ		PKS	PKS	03 50 35.0 +0.9					
WMQ		PPP	PPP	03 50 54.0 +2.4					
WMQ		SKS	SKS	03 54 09.0 +12					
WMQ		SKKS	SKKS	03 55 14.0					
WMQ		SS	SS	04 04 38.0 +3.1					

WMQ	comp=Z,240nm,6.6s	PP	PP						
WMQ	comp=N,540nm,23.0s,MS5.3	LR	LR						
WMQ	comp=E,480nm,20.7s,MS5.3	LR	LR						
WMQ	comp=Z,720nm,36.8s	LR	LR						
SAO	San Andreas Ge 119.03 66	PFAKE	LR	03 47 10.0 +7.6					
SAO	comp=Z,750nm,20.0s,MS5.3	LR	LR						
ISA	Isabella 119.38 69	PFAKE	LR	03 47 10.0 +7.0					
ISA	comp=Z,2.61nm,19.0s,MS4.9	LR	LR						
ZAK	Zakamensk 119.58 325	ePKiKP	PKP	03 47 02.2 -0.8					
ZAK		max	max						
UNV	Unalaska Valle 119.72 25	PFAKE	LR	03 47 10.0 +6.8					
UNV	comp=Z,2.0nm,1.7s	LR	LR						
TUC	Tucson 119.99 77	PFAKE	LR	03 47 10.0 +5.7					
TUC	comp=Z,4um,19.0s,MS6.0	LR	LR						
HOPS	Hopland 120.23 63	PFAKE	LR	03 47 20.0 +15					
HOPS	comp=Z,679nm,20.0s,MS5.3	LR	LR						
DAC	Darwin (Calif) 120.28 69	PFAKE	LR	03 47 20.0 +15					
DAC	comp=Z,2um,19.0s,MS5.7	LR	LR						
CMB	Columbia Cole 120.55 66	PFAKE	LR	03 47 20.0 +15					
CMB	comp=Z,1um,20.0s,MS5.5	LR	LR						
LTX	Lajitas 120.77 85	PFAKE	LR	03 47 20.0 +14					
LTX	comp=Z,935nm,20.0s,MS5.4	LR	LR						
TXAR	Lajitas Array 120.77 85	PKP	PKP	03 47 06.3 +0.4					
TXAR	comp=Z,0.6nm,1.0s,baz=236,slow=4.5,SNR=3.5	LR	LR						
TPNV	Topopah Spring 121.43 70	PFAKE	LR	03 47 20.0 +13					
TPNV	comp=Z,1um,22.0s,MS5.5	LR	LR						
NVAR	Mina Array Ba 121.78 67	PKP	PKP	03 47 06.6 -1.1					
NVAR	comp=Z,1.9nm,0.9s,baz=182,slow=4.4,SNR=10	LR	LR						
WDC	Whiskeytown Da 121.78 63	PFAKE	LR	03 47 20.0 +12					
WDC	comp=Z,1um,22.0s,MS5.5	LR	LR						
MNV	Mina 121.84 67	PFAKE	LR	03 47 20.0 +12					
MNV	comp=Z,1um,19.0s,MS5.6	LR	LR						
TPH	Tonopah 121.95 68	PFAKE	LR	03 47 20.0 +12					
TPH	comp=Z,701nm,19.0s,MS5.3	LR	LR						
MINTX	Cornudas Mount 121.96 82	PFAKE	LR	03 47 20.0 +12					
MINTX	comp=Z,1um,19.0s,MS5.5	LR	LR						
WUAZ	Wupatki 122.41 75	PFAKE	LR	03 47 20.0 +11					
WUAZ	comp=Z,1um,22.0s,MS5.5	LR	LR						
DBIC	Dimbokro 122.51 204	PKP	PKP	03 47 05.6 -4.0					
DBIC	comp=Z,1.3nm,0.7s,baz=244,slow=5.9,SNR=3.0	LR	LR						
DBIC	Dimbokro 122.51 204	PKP	PKP	03 47 05.6 -4.0					
DBIC	comp=Z,4um,20.0s,MS6.0	LR	LR						
AAK	Ala-Archa 122.64 300	ePKP	PKP	03 47 10.1 +0.9					
AAK	comp=Z,272nm,20.0s,MS4.9	LR	LR						
AAK	Ala-Archa 122.64 300	ePKiKP	PKP	03 47 09.4 +0.3					
YBH	Yreka Blue Hor 122.67 62	PFAKE	LR	03 47 20.0 +11					
YBH	comp=Z,1um,19.0s,MS5.5								

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BURAR Bucovina Array, DRGR DRGR, KLIMR Klimovskoe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HKR Hakkari, VAN Van, CLDR Caldiran, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GNI Garni, PTK Pertek, URFA Urfa, FITZ Filtroz Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMNK Kamenistaya, ZNL Zelenaya, GNL Ganaly, etc.

Table with columns: KIV, KISLOVODSK, 24.52 311, eP, P, 05 41 38.6 +1.3, etc. Lists various stations and their frequencies.

Table with columns: MOX, MOXA, 46.50 313, i P, P, 05 44 46.1 +0.5, etc. Lists various stations and their frequencies.

Table with columns: comp=Z, 2.8nm, 0.9s, bazi=150, slow=3.1, SNR=5.2, etc. Lists various stations and their frequencies.

28th 6h

Table with columns: WRAB, Tennant Creek, 27.04 157 eP, P, 05 57 58.6 +0.3. Includes various station codes and coordinates.

2005 NOV

Table with columns: ARU, Arti, 72.12 328 eP, P, 06 03 26.8 -0.5. Includes various station codes and coordinates.

706

Table with columns: YAK, Yakutsk, 50.45 353 iP, P, 06 46 37.8 -0.4. Includes various station codes and coordinates.

IDC 28 06:14:42.2/1.8, 19.40S;23.52E, mb4.0/2, mb1 4.2/3, mb1mx3.8/15, mbmp4.2/3, ML4.2/1, MS3.4/1, M1 3.4/1, ms1mx3.0/16, Error ellipse: s-maj=51.6km s-min=30.2km az=84.0

NEIC 28 06:14:44.0/4.1, 19.36S;23.59E, h13km, mb3.8/2, Error ellipse: s-maj=12.8km s-min=10.2km az=108.0

ISC 28 06:14:41.3/0.6, 19.41S;0.05;23.59E,0.05, h10km, n18, e093Z/22, mb3.8/4, MS3.2/1, Botswana

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

MOS 28 06:37:43.1±0.6, 12.15N;140.99E, h43km, mb4.4/5, Error ellipse: s-maj=20.4km s-min=14.3km az=105.9

NEIC 28 06:37:46.9/1.9, 12.20N;141.07E, h62km, mb4.3/5, Error ellipse: s-maj=19.1km s-min=10.1km az=83.0

IDC 28 06:37:47.1±4.1, 12.23N;141.12E, h63km, mb3.8/7, mb1 4.0/8, mb1mx3.8/16, mbmp4.1/8, ML4.2/1, MS3.3/6, M1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=33.3km s-min=19.5km az=90.0

ISC 28 06:37:45.6±0.3, 12.18N;0.09;141.1E,0.2, h69km, mb3.1km, n29, e049Z/24, mb4.2/15, 2D, South of Mariana Islands

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

GUC 28 06:40:31.8±0.7, 25.25S;70.10W, h60km, MD3.6, ML2.6, IC, Near coast of northern Chile

ISK 28 06:51:14.3, 38.99N;26.18E, h28km, MD3.2, ATH 28 06:51:14.6, 39.09N;26.05E, h10km, MD3.0/3, NEIC 28 06:51:14.2, 39.00N;26.20E, h28km, MD3.2(ISK), MD3.0(ATH), After ISK

CSEM 28 06:51:15.9, 0.2, 39.12N;26.36E, h20km, MD3.0, Error ellipse: s-maj=4.2km s-min=3.6km az=88.0

ISC 28 06:51:16.1±0.6, 39.14N;0.03;26.41E,0.06, h10km, 4km, n20, e080Z/29, 1C, Turkey

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

BUI 28 06:58:03.6, 7.95S;158.77E, h91km, mb5.1, mb4.9, MOS 28 06:58:03.9, 1.2, 8.10S;158.47E, h83km, mb5.2/17, Error ellipse: s-maj=10.5km s-min=9.8km az=113.6

HRVD 28 06:58:05.9, 0.4, 8.08S;158.59E, h74km, km4, MW4.9/52, Centroid moment tensor Solution. LP body waves: s27, c30; Mantle waves: s52, c71; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr/2: 13±16; Mw: 0.30±0.20; Mw-2.4±2.0; Mw-0.20±1.0; Mw0.02±2.0; Mw-0.98±1.1; Best double couple: Mo:2.496±10^19 Np1.354±.834°, 1.81°; NP2±.185°, 857°, 1.96°; Principal axes: T:2.35, P:7.77°, Azm115°, N:283, P:95°, Azm1°, P:2.64, P:121°, Azm270°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 06:58:05.9, 0.2, 8.20S;0.05;158.47E,0.04, h95km, h95km±1, 4km; pP, n179, e097Z/129, mb5.0/58, 6C, Bougainville - Solomon Islands region

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

Table with columns: Station Name, Time, Res, ISC, and other parameters. Includes stations like MIJAS, ESPERA, GRANADO, etc.

NNC 28 07:21:27.2,5.5, 40.36N,69.33E, h29km,25km, mpv3.2, Error ellipse: s-maj=40.5km s-min=19.2km az=6.0

Main table for station data in the 28d 8h section, listing station names, coordinates, and seismic parameters.

NDI 28 07:39:52.8, 1.6, 34.26N,72.85E, h10km, MD3.7, ML3.6, Error ellipse: s-maj=162.1km s-min=90.9km az=111.0

Main table for station data in the NDI section, listing station names and seismic parameters.

JMA 28 07:59:25.6, 0.2, 38.18N,144.65E, h56km, M3.5, Off east coast of Honshu

Main table for station data in the JMA section, listing station names and seismic parameters.

IDC 28 08:16:01.7, 1.7, 5.79N,113.28E, mb3.3/4, mb1 3.4/5, Error ellipse: s-maj=33.3km s-min=25.1km az=81.0

MOS 28 08:16:04.2, 0.55, 74N, 112.95E, h18km, mb3.9/1, Error ellipse: s-maj=13.4km s-min=11.2km az=58.6

BYKL 28 08:16:05.0, 3.55, 74N, 113.00E, h17km, 5km, 11C-6D, Lake Baykal region

Main table for station data in the IDC, MOS, and BYKL sections, listing station names and seismic parameters.

Main table for station data in the 2005 NOV section, listing station names, coordinates, and seismic parameters.

Table for station data in the 708 section, listing station names and seismic parameters.

NEIC 28 08:23:56.1, 45.38S,166.74E, h13km, ML3.9(WEL), After WEL

WEL 28 08:23:56.0, 6.45, 45.45S,166.77E, h22km, 2km, ML3.8/8, Error ellipse: s-maj=5.7km s-min=2.2km az=90.0

Main table for station data in the NEIC and WEL sections, listing station names and seismic parameters.

IDC 28 08:45:45.8, 1.6, 20.69N,121.23E, mb3.9/3, mb1 4.0/3, Error ellipse: s-maj=145.4km s-min=24.1km az=66.0

NEIC 28 08:45:50.9, 0.7, 20.74N,121.43E, h35km, mb4.6/5, Error ellipse: s-maj=26.7km s-min=10.2km az=73.0

MAN 28 08:46:28.0, 1.7, 52N, 121.24E, h1km, Error ellipse: s-maj=1802/21, mb4.3/6, MS3.7/2, Philippine Islands region

Main table for station data in the IDC, NEIC, and MAN sections, listing station names and seismic parameters.

NEIC 28 08:48:29.8, 18.21N,100.49W, h48km, MD3.8(MEX), After MEX

MEX 28 08:48:29.7, 0.7, 18.16N,100.38W, h72km, 38km, MD3.8, Guerrero

Main table for station data in the NEIC and MEX sections, listing station names and seismic parameters.

CSEM 28 09:00:56.70, 1.36, 55N-30.50E, h60km, MD3.3, Error ellipse: s-maj=2.3km s-min=1.7km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like ELL, AKAS, BUCK, etc.

IDC 28 09:10:07.1, 1.1, 34.58N-72.95E, mb4.0/4, mb1 4.0/7, mb1mx3.7/21, mbmp3.9/7, ML4.2/2, Error ellipse: s-maj=39.3km s-min=23.1km az=70.0

NEIC 28 09:10:09.0, 0.9, 34.60N-72.89E, h10km, mb4.3/2, Error ellipse: s-maj=23.2km s-min=14.0km az=108.0

NNC 28 09:10:19.2, 3.5, 35.45N-72.08E, mpv3.8, Error ellipse: s-maj=45.2km s-min=23.7km az=123.0

ISC 28 09:10:08.2, 0.4, 34.81N-73.70E, 0.07, h10km, n27, s=1333.0, mb4.2/5, 4C, Pakistan

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

BUG 28 09:17:20.8, 51.53N-6.82E, h1km, ML1.9, LDG 28 09:17:22.4, 0.2, 51.58N-6.89E, h1km, ML2.8/3, Error ellipse: s-maj=3.8km s-min=2.1km az=40.0, Suspected Mining Induced

BNS 28 09:17:22.8, 0.8, 51.55N-6.90E, h1km, ML2.1, CSEM 28 09:17:22.0, 0.1, 51.60N-6.92E, h2km, ML2.7/3, Error ellipse: s-maj=3.9km s-min=1.9km az=89.0

NEIC 28 09:17:22.4, 1.1, 51.58N-6.89E, h1km, ML2.8(LDG), After LDG

BGR 28 09:17:21.6, 1.0, 51.54N-6.85E, h1km, ML2.1/4, 2D, Error ellipse: s-maj=11.1km s-min=4.4km az=139.0, Germany

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

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

NNC 28 10:15:13.0, 5.3, 50.24N-87.20E, h12km, 36km, mpv3.5, 7C-5D, Error ellipse: s-maj=47.7km s-min=20.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists stations like MK31, KURK, VOSK, etc.

NNC 28 10:35:10.2, 3.6, 42.78N-75.24E, mpv2.8, Error ellipse: s-maj=73.8km s-min=13.2km az=155.0

KNET 28 10:35:11.4, 0.4, 43.03N-74.91E, h12km, 3km, ml1.8, Error ellipse: s-maj=2.6km s-min=1.5km az=175.0

ISC 28 10:35:11.8, 0.6, 43.06N-74.91E, 0.04, h6km, 4km, n13, c=041/25, 14C-8D, Central Kazakhstan

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

NEIC 28 10:53:34.7, 18.03N-101.07W, h38km, MD3.7(MEX), After MEX

MEX 28 10:53:35.2, 0.5, 17.99N-101.06W, h37km, MD3.6, 1D, Near coast of Guerrero

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

CSEM 28 11:26:04.8, 0.1, 46.01N-6.96E, h8km, ML2.7/12, Error ellipse: s-maj=2.0km s-min=1.4km az=111.0

LDG 28 11:26:05.2, 0.1, 46.01N-6.92E, h2km, MD2.8/2, ML2.7/13, Error ellipse: s-maj=2.4km s-min=1.7km az=111.0

STR 28 11:26:05.0, 0.2, 46.01N-6.91E, h5km, 1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 28 11:26:05.1, 46.04N-6.90E, h5km, 1km, ML2.0/11, NEIC 28 11:26:05.2, 46.01N-6.92E, h2km, ML2.7(LDG), ML2.5(STR), After LDG

ISC 28 11:26:03.6, 0.3, 46.04N-6.92E, 0.03, h0km, 4km, n52, s=1521/97, 7C-1D, Switzerland

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

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

NNC 28 11:37:04.7, 15.0, 31.13N-68.00E, h4km, 256km, Error ellipse: s-maj=455.8km s-min=245.5km az=129.0

NEIC 28 11:37:14.2, 7.7, 32.10N-70.35E, h10km, mb3.2/2, Error ellipse: s-maj=142.0km s-min=10.3km az=50.0

ISC 28 11:37:06.8, 1.8, 31.41N-62.69E, 0.2, h10km, n15, s=1925/17, mb3.2/1, 2C, Pakistan

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

BER 28 11:43:56.2, 3.2, 59.27N-27.89E, ML2.0(NAO), Suspected explosion

IDC 28 11:43:57.1, 2.2, 59.28N-27.78E, mb1 3.2/4, mb1mx3.1/20, mbmp3.1/4, ML2.8/4, Error ellipse: s-maj=19.6km s-min=13.7km az=118.0

NAO 28 11:43:58.3, 5.9, 39N-27.54E, ML2.0, HEL 28 11:43:56.3, 5.9, 23N-27.78E, ML1.7(FIAO), Explosion, Baltic States - Belarus - Northwestern Russia

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

28d 16h

SONM Songio Array 51.86 342 P P 13 57 41.6 -0.5
MKAR Makanchi Array 61.66 327 P P 13 58 51.5 -0.5
KURK Kurchatov 1.2nm,0.3sm,mb4.5,baz=115.92,6,SNR=56

MAN 28 14:05:14.7, 16.77N, 120.00E, h8km, mb4.0, ML2.8, MS2.5, 1C, Luzon

Code Station Name Δ° AZ° Phase ID Time Res ISC
BOLP Bolinao 0.99 192 eP P 13 52 23.2 +0.5
BOLP Baguio City Da 0.68 124f eS P 13 52 27.8 -0.4
BOLP Baguio City Da 0.68 124f eS P 13 52 27.8 -0.4

CSEM 28 14:06:54.0, 2.06, 26.47N, 55.83E, h10km, mb4.6/19, Error ellipse: s-maj=6.4km s-min=3.7km az=119.0

BUI 28 14:06:56.2, 26.80N, 55.90E, h10km, mb4.9, mb4.5, Ms3.8, MS2.0

IDC 28 14:06:57.0, 1.0, 26.83N, 55.83E, mb4.2/17, m1 4.3/17, m1mx3.9/21, mbmp4.2/17, Error ellipse: s-maj=19.1km s-min=16.1km az=118.0

NEIC 28 14:06:58.3, 0.5, 26.79N, 55.86E, h10km, mb4.6/19, MN3.9(TEH), Error ellipse: s-maj=9.8km s-min=8.5km az=164.0

OMAN 28 14:06:58.9, 6.6, 26.89N, 55.98E, h6km, 22km, Error ellipse: s-maj=57.6km s-min=48.3km az=91.0

THR 28 14:06:58.2, 0.7, 26.88N, 55.91E, h18km, 9km, ML3.6

MOS 28 14:07:00.3, 0.8, 26.84N, 55.78E, h33km, mb4.8/15, Error ellipse: s-maj=13.4km s-min=6.2km az=128.5

TEH 28 14:07:03.6, 26.90N, 55.88E, h10km, Mn3.9

ISC 28 14:07:07.4, 0.3, 26.78N, 0.03, 55.70E, 0.0, h10km, n117, s1509/123, mb4.4/3, MS3.9/1, 2C-2D, Southern Iran

Code Station Name Δ° AZ° Phase ID Time Res ISC
BNDS Bandar-Abbas 0.75 34 eP P 14 07 23.4 +0.9
BNDS Bandar-Abbas 0.75 34 eP P 14 07 23.4 +0.9
BNDS Bandar-Abbas 0.75 34 eP P 14 07 23.4 +0.9

Code Station Name Δ° AZ° Phase ID Time Res ISC
BNDS Bandar-Abbas 0.75 34 eP P 14 07 23.4 +0.9
BANOM Banah 1.01 148 eP P 14 07 18.2 +1.7
BANOM Ashiyah 2.11 171 eS P 14 07 32.3 +2.6

Code Station Name Δ° AZ° Phase ID Time Res ISC
ISRV Sarvestan 3.45 319 Pn Pn 14 07 55.9 +3.5
IMOK Mook 3.47 311 Pn Pn 14 07 54.6 +1.9
ARQ Arqi 3.51 168 eP P 14 07 55.0 +1.8

Code Station Name Δ° AZ° Phase ID Time Res ISC
ISAD Sadrabad 5.11 144 Pn Pn 14 08 22.0 +1.9
ISAD Sadrabad 5.11 144 Pn Pn 14 08 22.6 +1.4
ISAD Sadrabad 5.11 144 Pn Pn 14 08 37.4 +1.8

Code Station Name Δ° AZ° Phase ID Time Res ISC
GNI Garni 16.14 328 eP P 14 10 48.7 +2.7
GNI Garni 16.14 328 eP P 14 10 48.7 +2.7
GNI Garni 16.14 328 eP P 14 10 48.7 +2.7

Code Station Name Δ° AZ° Phase ID Time Res ISC
BR131 Keskin Array S 22.44 311 eP P 14 11 59.9 +2.0
BR131 Keskin Array S 22.44 311 eP P 14 11 59.9 +2.0
BR131 Keskin Array S 22.44 311 eP P 14 11 59.9 +2.0

2005 NOV

KHC Kasperske Hory 39.33 316 eP P 14 14 28.5 +0.1
JOF Joensuu 39.55 344 eP P 14 14 29.5 +0.5
FINES FINES Array B 39.96 338 P P 14 14 32.2 -1.3

Code Station Name Δ° AZ° Phase ID Time Res ISC
KHC Kasperske Hory 39.33 316 eP P 14 14 28.5 +0.1
JOF Joensuu 39.55 344 eP P 14 14 29.5 +0.5
FINES FINES Array B 39.96 338 P P 14 14 32.2 -1.3

Code Station Name Δ° AZ° Phase ID Time Res ISC
HAU Hauquang 43.69 312 eP P 14 15 03.4 -0.6
SONM Songio Array B 44.48 316 P P 14 15 09.4 -1.6
LOR Lormes 44.27 307 eP P 14 15 13.5 -0.2

Code Station Name Δ° AZ° Phase ID Time Res ISC
NOA NORSAR Subarra 45.42 331 P P 14 15 16.3 -1.5
NOA NORSAR Subarra 45.42 331 P P 14 15 16.3 -1.5
NOA NORSAR Subarra 45.42 331 P P 14 15 16.3 -1.5

Code Station Name Δ° AZ° Phase ID Time Res ISC
MTLF Montlieu 46.00 305 eP P 14 15 23.1 +0.4
MTLF Montlieu 46.00 305 eP P 14 15 23.1 +0.4
MTLF Montlieu 46.00 305 eP P 14 15 23.1 +0.4

Code Station Name Δ° AZ° Phase ID Time Res ISC
ARCES ARCESS Array B 46.27 346 P P 14 15 23.8 -0.6
ARCES ARCESS Array B 46.27 346 P P 14 15 23.8 -0.6
ARCES ARCESS Array B 46.27 346 P P 14 15 23.8 -0.6

Code Station Name Δ° AZ° Phase ID Time Res ISC
EVO Evora 53.95 300 P P 14 16 23.1 -0.4
EVO Evora 53.95 300 P P 14 16 23.1 -0.4
EVO Evora 53.95 300 P P 14 16 23.1 -0.4

Code Station Name Δ° AZ° Phase ID Time Res ISC
BOSA Boshof 62.35 210 P P 14 17 22.3 -0.3
BOSA Boshof 62.35 210 P P 14 17 22.3 -0.3
BOSA Boshof 62.35 210 P P 14 17 22.3 -0.3

Code Station Name Δ° AZ° Phase ID Time Res ISC
BNDS Bandar-Abbas 0.68 35 eP P 14 13 18.6
BNDS Bandar-Abbas 0.68 35 eP P 14 13 18.6
BNDS Bandar-Abbas 0.68 35 eP P 14 13 18.6

Code Station Name Δ° AZ° Phase ID Time Res ISC
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2

712

BIDO Bidibid 3.95 146 eP Pn 14 13 49.6 -0.2
BSY Bisya 4.29 162 eP Pn 14 13 54.6 0.0
BSY Bisya 4.31 150 eP Pn 14 13 54.7 -0.3

Code Station Name Δ° AZ° Phase ID Time Res ISC
BSY Bisya 4.29 162 eP Pn 14 13 54.6 0.0
BSY Bisya 4.31 150 eP Pn 14 13 54.7 -0.3
BSY Bisya 4.31 161 eP Pn 14 13 54.6 -0.4

Code Station Name Δ° AZ° Phase ID Time Res ISC
KIV Kislovodsk 20.07 332 eP P 14 17 25.5 +1.5
KIV Kislovodsk 20.07 332 eP P 14 17 25.5 +1.5
KIV Kislovodsk 20.07 332 eP P 14 17 25.5 +1.5

Code Station Name Δ° AZ° Phase ID Time Res ISC
AKA Ala-Archa 21.97 39 eP P 14 17 42.3 -1.1
AKA Ala-Archa 21.97 39 eP P 14 17 42.3 -1.1
AKA Ala-Archa 21.97 39 eP P 14 17 42.3 -1.1

Code Station Name Δ° AZ° Phase ID Time Res ISC
BR131 Keskin Array S 22.43 311 P P 14 17 49.8 +1.9
BR131 Keskin Array S 22.43 311 eP P 14 17 49.8 +1.9
BR131 Keskin Array S 22.43 311 eP P 14 17 49.8 +1.9

Code Station Name Δ° AZ° Phase ID Time Res ISC
BOSA Boshof 62.41 210 P P 14 23 11.7 -1.5
BOSA Boshof 62.41 210 P P 14 23 11.7 -1.5
BOSA Boshof 62.41 210 P P 14 23 11.7 -1.5

Code Station Name Δ° AZ° Phase ID Time Res ISC
OJC Ojcow 0.60 93 eP P 15 49 40.7 +0.1
OJC Ojcow 0.60 93 eP P 15 49 40.7 +0.1
OJC Ojcow 0.60 93 eP P 15 49 40.7 +0.1

Code Station Name Δ° AZ° Phase ID Time Res ISC
PRU Pruhonice 2.79 266 eS P 15 50 33.5 -0.2
PRU Pruhonice 2.79 266 eS P 15 50 33.5 -0.2
PRU Pruhonice 2.79 266 eS P 15 50 33.5 -0.2

Code Station Name Δ° AZ° Phase ID Time Res ISC
NKO Nikolski 1.00 28 P P 16 01 36.4 -0.4
OKCE Okmok Cone E 1.61 33 P P 16 01 45.0 +0.4
OKCE Okmok Cone E 1.63 34 P P 16 01 46.1 +0.8

Code Station Name Δ° AZ° Phase ID Time Res ISC
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2
MORC Moravsky Berou 37.16 318 eP P 14 14 10.3 +0.2

0.9nm,0.8s,mb3.8,baz=10,slow=9.9,SNR=3.3
NOA NORSTAR Array B 67.22 360 P
MATP Matopo 145.38 29 PKPbc 16 20 54.0 +2.7

IDC 28 16:07:49.5,0.8,2.64N,128.29E,mb4,4/11,mb1 4.5/11,
mb1mx4.3/17,mbtmp4.4/11,MS3.3/3,MS1 3/3,
ms1mx2.8/30,Error ellipse: s-maj=40.6km s-min=17.4km
az=77.0

BUI 28 16:07:52.1,2.59N,129.01E,h47km,mb4,7,mb4,9
NEIC 28 16:07:55.1,0.4,2.64N,128.47E,h35km,mb4,9/10,Error
ellipse: s-maj=14.4km s-min=8.1km az=64.0

ISC 28 16:07:53.4,0.5,2.67N,108.128,5E,0.1,h33km,n933,
g098/31,mb4,7/24,Almahera

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Rows include GUMO Guam, WRAB Tennant Creek, WRA Warramunga Arr, etc.

IDC 28 16:33:14.5,0.5,29.30S,70.98W,mb5,2/18,mb1 5.1/21,
mb1mx5.1/21,mbtmp5.0/21,ML4.7/2,MS4.9/6,MS1 4.9/6,
ms1mx4.7/21,Error ellipse: s-maj=18.4km s-min=14.6km
az=85.0

GUC 28 16:33:20.1,0.8,29.30S,71.12W,h53km,gkm,ML5.6
BUI 28 16:33:21.8,29.30S,71.00W,h49km,mb5.9,MS5.7,
MS2.5

HRVD 28 16:33:21.8,0.2,29.45S,71.54W,h39km,2km,MW5.5/73,
centrod moment Tensor Solution. LP body waves:
S55,CR4;Mantle waves: s73,c122; Half duration: 1s4
Moment tensor: Scale 10^17Nm; Mr-0.20±0.06;
M0-0.40±0.05; M00-0.20±0.05; M1-1.01±0.07; M00-0.20±0.04;
M2-0.06±.13; Best double couple: M2.326x10^17 NP1:
0.254°,89°,169°. NP2:0.153°,888°,78°-81°. Principal
axes: T 2.266,Plg43°, Azm234°; N 1.21,Plg9°, Azm333°;
P -2.387,Plg46°, Azm72°; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 28 16:33:21.8,0.1,29.31S,70.96W,mb5,2/36,MS5.6/120
Error ellipse: s-maj=5.2km s-min=2.8km az=91.0

NEIC Fell [V] at La Higueras; [IV] at Andacollo, Copiapo,
Coquimbo, Illapel, La Serena, Los Vilos, Monte Patria,
Ovalle, Salamanca and Valena; [III] at Vicuna; [II] at
Santiago, Valparaiso and Vina del Mar.

MOS 28 16:33:21.0,1.0,29.28S,70.91W,h55km,mb5,4/15,
MS5.2/11,Error ellipse: s-maj=15.2km s-min=6.3km
az=107.5

ISC 28 16:33:20.2,0.1,29.30S,0.02,70.94W,0.04,h48km,
h48km,5km;p-P,n318,σ1905/233,mb5,2/59,MS5.5/126,

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Rows include LSCH La Serena, TLL Tololo Astrono, etc.

Main table with columns: FCH, Farellones, CLOCH, Cerro Calan, ANTU Antumapu, etc. Rows include various station codes and their associated data.

Main table with columns: TXAR, Lajitas Array, TXAR Tasewell, etc. Rows include various station codes and their associated data.

28th 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHMT Chamberlain Mo, MAK Makhachkala, SNCC San Nicolas Is, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like PFO comp=Z,1um,21.0s.M55.2, PFO Pinyon Flat Ob, PFO comp=Z,151nm,1.0s,mb6.1, etc.

718

Table with columns for station name, frequency, power, and other technical details. Includes stations like NSS Namsoos, ANN Anapa, DAG Danmarks Havn, etc.

GAZ	comp=Z,31nm,0.8s,baz=327,slow=4.6,SNR=9.3	Kangierentep	92.01 311	eP	P	16 54 34.0	-3.3
SFJD	comp=Z,52nm,0.3s,mb5.9,baz=351,slow=4.0,SNR=17	Kangerlussuaq	92.06 6	iP	P	16 54 37.2	+0.3
SFJD	comp=Z,56nm,0.8s,mb6.0					16 54 37.0	+0.1
SFJD						16 58 14.1	
SFJD						17 05 08.8	-24
SFJD	comp=Z,4um,22.0s	Kangerlussuaq	92.06 6	iP	P	16 54 37.0	+0.1
SFJD						16 58 14.1	
SFJD						17 05 08.8	-24
SFJD	comp=Z,56nm,0.8s,mb6.0						
SFJD	comp=Z,4um,22.0s,MS5.8	Lahe Island	92.12 52	P	P	16 54 38.7	+0.8
LPM		Mahe Island	92.18 266	eP	P	16 54 37.1	-1.6
MSEY							
MSEY	comp=Z,600nm,19.0s,MS5.1	Barren Site	92.19 52	P	P	16 54 39.3	+1.0
KIS		Kishinev	92.46 322	eP	P	16 54 39.0	-0.2
KIS						16 58 20.0	
KIS						17 05 10.0	
KIS						17 04 46.0	-1.0
KIS						17 07 00.0	-1.1
KIS						17 07 34.0	+2.5
KIS						16 54 40.1	-0.3
KONO		Kongsberg	92.78 340	eP	P	16 54 41.3	+1.0
KONO		Kongsberg	92.78 340	eP	P	16 58 21.9	-3.5
KONO							
KONO	comp=Z,5um,21.0s,MS5.9						
CDAG		Cicekdag	92.82 314	iP	P	16 54 40.2	-0.8
AVNT		Avonos	92.90 313	iP	P	16 54 40.2	-1.3
COBT		Iskenderun	92.99 311	iP	P	16 54 40.6	-1.3
PTCN		Pitcairn Islan	93.07 115	PFake	LR	16 54 50.0	+7.5
PTCN							
SUE	comp=Z,1.0nm,20.0s	Sulen	93.15 342	eP	P	16 54 42.1	+0.1
BR131		Keskin Array S	93.26 314	eP	P	16 54 42.3	-0.7
BR131	comp=Z,2.7nm,0.9s,mb5.7						
BR131						16 54 55.2	-0.5
BR131							
BRTR	comp=Z,2um,20.0s,MS5.6	Keskin Array B	93.26 314	eP	P	16 54 42.7	-0.3
BRTR	comp=Z,5.6nm,1.0s,mb5.6,baz=88,slow=3.8,SNR=28						
BRTR	comp=Z,5.6nm,0.9s,baz=77,slow=7.2,SNR=4.1					16 58 27.4	-2.3
BRTR	comp=Z,5.6nm,0.9s,baz=180,slow=2.5,SNR=4.0					17 11 52.5	
BRTR	comp=Z,1.0nm,0.8s,baz=180,slow=2.5,SNR=4.0	Warsaw	93.41 330	eP	P	16 54 42.3	-1.1
WAR		Warsaw	93.41 330	eP	P	17 05 12.5	-0.2
WAR		Warsaw	93.41 330	eP	P	16 54 42.3	-1.1
WAR		Warsaw	93.41 330	eP	P	17 05 12.5	-0.2
L'vov		L'vov	93.43 327	iP	P	16 54 34.6	-9.0
L'vov		L'vov	93.43 327	iP	P	17 05 19.2	
L'vov		L'vov	93.43 327	iP	P	16 54 34.6	-9.0
L'vov		L'vov	93.43 327	iP	P	17 05 19.2	
ASK		Askoy	93.49 342	eP	P	16 54 44.6	+1.1
ASK						16 54 49.2	
ASK	comp=Z,565nm,1.6s,mb6.7	Bergen	93.53 342	eP	P	16 54 45.5	+1.8
BER		Bergen	93.53 342	eP	P	16 54 46.7	
BER		Bergen	93.53 342	eP	P	16 54 47.2	
BER	comp=Z,220nm,1.5s,mb6.4					17 12 02.6	-5.3
BER						17 39 09.8	
BER							
BER	comp=Z,3um,19.2s,MS5.8	Espegrend	93.65 342	eP	P	16 54 45.7	+1.4
EGD		Espegrend	93.65 342	eP	P	16 54 47.9	
EGD	comp=Z,340nm,1.5s,mb6.5						
ANTO		Ankara	93.75 315	eP	P	16 54 44.5	-0.7
ANTO	comp=Z,47nm,1.2s,mb5.8						
ANTO	comp=Z,4um,20.0s,MS5.8						
ANTO	comp=Z,4um,20.0s,MS5.8	Ankara	93.75 315	eP	P	16 54 44.5	-0.8
ANTO	comp=Z,47nm,1.2s,mb5.8						
ANTO	comp=Z,4um,20.0s,MS5.8						
SGKT	comp=Z,4um,20.0s,MS5.8	Sivrigoyun	93.88 316	iP	P	16 54 44.1	-1.7
BLSS		Blasjo	93.96 341	eP	P	16 54 47.0	+1.3
BLSS						16 54 51.0	
TIRR	comp=Z,54nm,1.2s,mb5.9	Tirguos	94.10 321	eP	P	16 54 45.9	-0.8
TIRR	comp=Z,86nm,1.7s,mb5.9						
TIRR							
BSD	comp=Z,67nm,0.9s,mb6.1	Bornholm Skovb	94.17 334	iP	P	16 55 00.6	+1.2
BSD	comp=Z,67nm,0.9s,mb6.1	Bornholm Skovb	94.17 334	iP	P	16 54 45.9	-0.8
BSD							
BSD							
BSD							
MNTX	comp=Z,67nm,0.9s,mb6.2	Cornudas Mount	94.22 54	P	P	16 54 48.5	+0.9
MNTX	comp=Z,113nm,1.0s,mb6.2						
MNTX	comp=Z,3um,20.0s,MS5.8	Kalwaria	94.23 327	iP	P	16 54 47.1	0.0
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	
KWP	comp=Z,7um,20.0s,MS6.2						
KWP		Kalwaria	94.23 327	iP	P	16 54 47.2	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 54 59.9	+0.1
KWP		Kalwaria	94.23 327	iP	P	16 58 35.1	-1.9
KWP		Kalwaria	94.23 327	iP	P	17 05 16.6	-0.6
KWP		Kalwaria	94.23 327	iP	P	17 05 54.8	+2.5
KWP		Kalwaria	94.23 327	iP	P	17 39 59.0	

Table with columns for station name, frequency, and other technical details. Includes stations like VLC, WVT, CABF, ACSO, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like JTS, NVL, MAIT, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like LATR, SONA, AYAN, etc.

Additional text and notes at the bottom of the page, including station identifiers and technical parameters.

28d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIF, SGF, KUA, JOF, etc.

NEIC 28 17:55:26.8, 0.9, 44.33N, 148.42E, h35km, mb3.6/2, Error ellipse: s-maj=23.3km s-min=16.8km az=75.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yuzh-Kuril'sk, YUK, etc.

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

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

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

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

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

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

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

KISR 28 18:46:34.7, 1.0, 26.75N, 55.59E, h33km, ML3.5

2005 NOV

TEH 28 18:46:35.9, 26.74N, 55.84E, h10km, Mn3.4 CSEM 28 18:46:37.4, 0.5, 26.97N, 55.47E, h10km, ML3.4, Error ellipse: s-maj=11.8km s-min=4.1km az=152.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BND5, BND5, BND5, etc.

BUJ 28 20:15:31.7, 61.40N, 150.50W, h61km, mb5.0, mb4.5 Ms4.3, Ms2.4

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, KK31, etc.

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

HLID 28 20:15:31.7, 61.40N, 150.50W, h61km, mb5.0, mb4.5

722

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NB2, NB2, NB2, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NJ2, NJ2, NJ2, etc.

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

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

MOS 28 20:41:14.0, 0.2, 42.58N, 43.35E, h1km, mb3.8/1, Error ellipse: s-maj=16.2km s-min=9.4km az=81.7

ISC 2820:41:14.9:0.6, 42.67N, 0.03, 43.26E, 0.05, h8km, n20,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ONI, KORR, KORA, LSNR, etc.

ATH 2821:03:02.9, 38.16N, 26.44E, h10km, MD3.0/3

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

JMA 2821:14:13.9:0.2, 38.22N, 144.64E, h53km, M3.5, Off east coast of Honshu

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

BUI 2821:43:40.7, 25.87N, 56.01E, h29km, mB5.0, mb4.7, Ms4.6, Ms24.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BND5, BANOM, ASHO, etc.

NEIC 2821:44:37.8, 18.29N, 105.17W, h16km, MD3.9(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BND5, BANOM, ASHO, etc.

UMR comp=Z, 1.8nm, 0.2s

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

AKTO comp=Z, 1.4nm, 0.6s, mb3.5, bazz=170, slow=9.7, SNR=6.9

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

PSZ comp=Z, 1.0nm, 0.3s

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

NEIC 2821:44:37.8, 18.29N, 105.17W, h16km, MD3.9(MEX), After MEX.

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

ISC 2821:46:32.7, 35.35N, 27.19E, h36km, MD3.6

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

ISC 2821:46:34.0, 1.3, 35.46N, 0.02, 27.41E, 0.04, h13km, 9km, n39, 0.98/52, 1C-2D, Dodecanese Islands

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

BUG 2822:09:01.8, 51.53N, 6.82E, h1km, ML1.7

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

NET 2822:41:33.0, 5.0, 41.24N, 73.58E, h10km, 2km, ml1.9, Error

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

29d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KZA Kyzart, AAK Ala-Archa, AAK Ala-Archa, AAK Karatay Array, etc.

BER 28 22:49:35.9-4.6, 80.23N-21.85E, h12km, 35km, MD1.5, ML2.4, ML2.5(NAO) NAO 28 22:49:40.2-5.1, 79.94N-19.68E, ML2.5, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KBS Kingsbay, KBS Kingsbay, SPA0 Spitsbergen Ar, etc.

NEIC 28 23:10:58.3, 32.51S-71.98W, h27km, ML3.2(GUC), After GUC.

GUC 28 23:10:58.3-0.9, 32.51S-71.98W, h27km, 6km, MD3.8, ML3.2, 8C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PACH Papudo, IHA Instituto Hidr, CHNG Los Chungos, etc.

IDC 28 23:50:01.6-2.2, 34.53N-73.47E, mb3.9/2, mb1 3.9/3, mb1mx3.4/18, mbtmp3.7/3, ML3.0/1, Error ellipse: s-maj=75.5km s-min=35.6km az=66.0

NEIC 28 23:50:03.9-1.1, 34.55N-73.48E, h10km, mb3.3/2, Error ellipse: s-maj=23.8km s-min=6.3km az=61.0 BJI 28 23:50:05.8-4.2, 34.50N-73.50E, h10km, ML3.7, NDI 28 23:50:05.8-4.2, 34.46N-73.23E, h10km, ML3.6, mb3.3(NEIC)

NMC 28 23:50:13.7-2.2, 35.26N-72.26E, mpv3.7, Error ellipse: s-maj=27.1km s-min=18.5km az=85.0

ISC 28 23:50:02.4-0.4, 34.53N-0.03S-73.53E-0.05, h10km, n8, s146/50, mb3.9/2, 3C-3D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like CHCP Chirah Chowk, CEP Cherat, THW Thamme Wali, etc.

2005 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KOLN Koldanda, KOLN Gorkha, GKN Daman, etc.

CASC 28 23:50:05.5-2.5, 11.74N-87.71W, h23km, 11km, MD4.0, ML3.5, 8C-5D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like LEON Leon, LEON Leon, CRIN San Cristobal, etc.

GUC 28 23:51:16.8-1.0, 29.35S-71.22W, h54km, 13km, MD4.1, ML3.6

NEIC 28 23:51:16.8, 29.35S-71.22W, h54km, MD4.1(GUC), After GUC.

ISC 28 23:51:16.2-0.9, 29.34S-0.05S-71.3W-0.1, h67km, 10km, n8, s1500/12, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like LSCH La Serena, LSCH La Serena, TLL Tololo Astrono, etc.

IDC 28 23:55:39.0-0.7, 30.15N-132.05E, mb4.0/12, mb1 4.2/15, mb1mx4.1/22, mbtmp4.0/15, ML3.8/3, MS3.2/3, ms1mx2.7/22, Error ellipse: s-maj=24.2km s-min=16.8km az=72.0

BJI 28 23:55:40.9, 30.09N-132.19E, h28km, mb4.4, mb4.2, MS4.3, MS4.0

MOS 28 23:55:40.4-1.0, 30.15N-132.06E, h23km, mb4.2/8, Error ellipse: s-maj=23.5km s-min=15.1km az=84.7

NEIC 28 23:55:42.5-2.0, 30.13N-131.99E, h21km, 16km, mb4.3/3, Error ellipse: s-maj=9.8km s-min=6.3km az=122.0

SJA 28 23:55:40.9-1.3, 30.12N-0.04S-132.14E-0.05, h24km, 9km, n53, s095/62, mb4.0/15, MS3.3/3, 2C-1D, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like JTN Tanegashima 3, JTN Tashiro 2, JTR Kushima-Naru, etc.

724

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like MJAR Matushiro Arr, TATO Taipei, NADJ Ninganchiao, etc.

comp=Z, 40nm, 4.6s

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like GTA Gaotai, LSA Lhasa, WMQ Urumqi, etc.

comp=Z, 2.0nm, 0.7s

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like AKASG Malin Array B, AKASG Malin Array Be, NB2 NORSAR Subarra, etc.

KISR 29 00:28:40.3-0.9, 27.00N-55.64E, h33km, ML3.6

CSEM 29 00:28:40.5-0.8, 26.87N-55.59E, h12km, ML3.6, Error ellipse: s-maj=24.2km s-min=6.6km az=164.0

THR 29 00:28:42.0-0.4, 26.83N-55.79E, h18km, 5km, ML2.8

ISC 29 00:28:40.3-1.1, 26.83N-0.15S-55E-0.05, h10km, n10, s1909/16, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BNDS Bandar-Abbas, GHIR Ghir-Karzin, GHIR Ghir-Karzin, etc.

NDI 29 00:33:36.2-4.2, 34.46N-73.83E, h10km, ML3.0

NMC 29 00:33:43.7-9.8, 34.82N-72.72E, mpv3.5, Error ellipse: s-maj=1007.0km s-min=892.5km az=78.0

ISC 29 00:33:35.2-1.2, 34.20N-0.08S-73.4E-0.2, h33km, n6, s1908/11, 2C, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DLH Dalhousie, DLH Dalhousie, SDNR Sundarnagar, etc.

29d 3h

Table with columns: RKT, Rikitea, Frequency, Band, Mode, and various numerical values. Includes stations like MJAR, MAJO, MAT, etc.

2005 NOV

Table with columns: CD2, Frequency, Band, Mode, and various numerical values. Includes stations like South Pole Qui, Lanzhou, etc.

726

Table with columns: MKAR, Frequency, Band, Mode, and various numerical values. Includes stations like Neumayer-Stat, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Kasperke Hory, GERS Array B, GERS Array A, etc.

Header information for the 727 section: n17, e0669/18, mb3.7/5, MS4.0/1, Southwestern Ryukyu Islands

Main table for the 2005 NOV section, listing station codes, names, and coordinates. Includes stations like YON, YOH, YOH, etc.

Header information for the 2005 NOV section: n17, e0669/18, mb3.7/5, MS4.0/1, Southwestern Ryukyu Islands

Table for the 29d 5h section, listing station codes, names, and coordinates. Includes stations like RGNG, KDZ, FG2, etc.

Header information for the 29d 5h section: NEIC 29 04:21:17.0, 18.93N-68.53W, h136km, MD3.9(RSPF), After RSPF

Header information for the 29d 5h section: RSPR 29 04:21:17.0, 18.93N-68.53W, h136km, gkm, MD3.9/12, MD3.9/12, 9C-3M, Mona Passage

Table for the 29d 5h section, listing station codes, names, and coordinates. Includes stations like LSP, LRP, CRPR, etc.

Header information for the 29d 5h section: OTT 29 04:33:44.0, 0.8, 72.00N-74.62W, h18km, MN3.1/1, Seismic Zone, Nt., Baffin Island region

Table for the 29d 5h section, listing station codes, names, and coordinates. Includes stations like PINU, ILON, RES, etc.

Header information for the 29d 5h section: NEIC 29 04:45:41.0, 39.08N-119.01W, h6km, ML3.6(REN), After REN, Nevada

Table for the 29d 5h section, listing station codes, names, and coordinates. Includes stations like MNV, CMB, TPH, etc.

Header information for the 29d 5h section: GUC 29 05:26:41.1, 0.4, 26.57S-71.11W, h40km, 2km, ML3.7, ISC 29 05:26:40.4, 1.7, 26.54S-0.06, 71.2W, 0.2, h50km, 12km, n10, e0663/13, 3C-4D, Off coast of northern Chile

Table for the 29d 5h section, listing station codes, names, and coordinates. Includes stations like CRCH, CDCH, CPCH, etc.

Header information for the 29d 5h section: NEIC 29 05:32:18.6, 1.6, 17.79S-69.12W, h131km, 12km, mb4.1/6, Error ellipse: s-maj=13.7km, s-min=12.2km, az=129.0, ISC 29 05:32:18.6, 1.6, 17.74S-69.11W, h149km, 12km, mb3.8/5, mb1.3/9.7, mb1mx3.5/16, mbtmp4.2/7, Error ellipse:

Table of astronomical observations for 2005 NOV, including stations like SOKR, AKASG, MLR, and various object names such as Solikamsk, Malin Array Be, and Makanchi Array.

Table of astronomical observations for 2005 NOV, including stations like ZAK, SONMI, and various object names such as Zakamensk, Sogingo Array, and Chengdu.

Table of astronomical observations for 2005 NOV, including stations like GHIR, ZHFS, and various object names such as Ghir-Karzin, Zahedan, and Sehidab.

Table with header 'IDC 29 06:08:20.7±1.9, 1.11N-97.05E, mb3.8/4, mb1 3.9/5, mb1mx3.7/1.7, mbtmp3.7/5, ML3.0/1, Error ellipse: s-maj=38.4km s-min=28.9km az=53.0, Northern Sumatera'.

Table with header 'MAN 29 06:20:20.9, 9.95N-125.84E, h22km, mb3.9, ML2.7, MS2.6, ID, Mindanao'.

Table with header 'IDC 29 07:27:32.4, 4.3, 47.21N-153.33E, h113km, 42km, mb3.4/6, mb1 3.7/8, mb1mx3.5/2.2, mbtmp3.9/8, MS3.3/1, Ms1 3.4/1, ms1mx2.7/2.0, Error ellipse: s-maj=35.8km s-min=23.9km az=126.0, Kuril Islands'.

Table with header 'MOS 29 07:28:54.7, 5.3, 53.83N-161.85E, h16km, mb4.3/1, Error ellipse: s-maj=21.9km s-min=12.3km az=79.2, KRSC 29 07:28:54.7, 5.3, 53.84N-161.80E, h12km, 2km, ML4.4, Off east coast of Kamchatka Peninsula'.

Table of astronomical observations for 2005 NOV, including stations like MKZ, WYS, MYR, and various object names such as Mys Kozlova, Mys Shipunski, and Mys Shipunski.

THR 29 06:04:08.1±0.5, 31.42N-56.23E, h14km, 4km, ML3.4
CSEM 29 06:04:08.1±0.2, 31.42N-56.23E, h16km, ML3.3, Error ellipse: s-maj=5.5km s-min=4.3km az=39.0
TEH 29 06:04:10.1, 31.20N-56.08E, h14km, Mn3.3
ISC 29 06:04:08.6±1.4, 31.48N-56.22E±0.07, h14km±1km, n14, ±1906/17, Northern and Central Iran

Table of astronomical observations for 29d 11h, listing stations like HHC, NJ2, Gaotai, etc., and their respective measurements.

Main table of astronomical observations for 2005 NOV, listing stations like KIV, WRAB, WRA, etc., and their respective measurements.

Table of astronomical observations for 732, listing stations like OGRR, OGRG, etc., and their respective measurements.

29d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OSTU Oestervaala, FORU Forsmark, AAL Aland, etc.

2005 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BZER Hlnxe, BAUER Lager, LAUG Laupendahl, etc.

734

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIRV Las Mercedes, MERV Las Mercedes, LUEV Luepa, etc.

CSEM 29 19:43:09.7,0.0,39.14N-27.97E,h12km,MD3.1, Error ellipse: s-maj=1.6km s-min=0.9km az=110.0, ISK 29 19:43:10.0,39.14N-27.95E,h16km,MD3.1, ATH 29 19:43:11.1,39.16N-27.86E,h22km,MD3.5/3, ISC 29 19:43:10.1,0.5,39.14N-0.0,22.98E,0.03,h13km,4km, n46,c0569/57,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AKS Akhisar, BALB Balikesir, BTOK Tokmak, etc.

IDC 29 19:49:41.2,0.7,18.88N-81.07W,mb4.1/14,mb1.4,3/16, mb1mx4.1/27,mbtmp4.1/16,ML3.4/2,MS3.6/11,Ms1 3.6/11, ms1mx3.4/20, Error ellipse: s-maj=21.8km s-min=15.1km az=60.0

NEIC 29 19:49:42.6,0.5,18.90N-80.99W,h10km,mb4.4/7, Error ellipse: s-maj=15.4km s-min=7.1km az=66.0, JSN 29 19:49:44.0,1.2,19.21N-80.68W,MD4.4, SSNC 29 19:49:45.3,0.0,18.78N-81.02W,h34km,112km,ML3.5

ISC 29 19:49:43.4,1.7,18.97N,0.05,80.85W-0.03,h29km,14km, n50,c1831/53,mb4.1/18,MS3.6/11,4C-1D,North of Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MBJ Montego Bay, MGJ Malvern, BBJ Bamboo Saint A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SCHO Schefferville, NVAR Mina Array Bay, WWOR Wild Horse Val, etc.

NEIC 29 19:54:49.5,35.13N-32.27E,h20km,ML2.8(NIC), After CSEM 29 19:54:49.5,0.4,35.13N-32.27E,h20km,Mw3.0, Error ellipse: s-maj=15.4km s-min=7.5km az=148.0, After NIC 29 19:54:49.5,0.4,35.13N-32.27E,h20km,ML2.8,MW3.0, 4D,Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AKMC Akamas, PPHY Paphos, ALFC Alevga, etc.

LDG 29 20:11:33.9,0.1,50.30N-7.45E,h4km,Md2.7/1,ML2.4/11, Error ellipse: s-maj=1.6km s-min=0.9km az=69.0, STR 29 20:11:33.7,1.0,50.31N-7.52E,h5km,1km,ML1.8, Error ellipse: s-maj=0.0km s-min=0.0km az=110.0, BNS 29 20:11:34.5,0.6,50.32N-7.42E,h4km,16km,ML1.4, BGR 29 20:11:32.5,0.6,50.35N-7.45E,h10km,ML1.6,1C-2D, Error ellipse: s-maj=10.0km s-min=5.6km az=147.0, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BGG Burgeitz, STB Steinbach, HILG Hillesheim, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CRS 184nm,1.0s, NRGR Nerungr, CLNS Chul'man, etc.

IDC 29 20:29:31.3,0.9,34.70N-73.30E,mb3.9/6,mb1 3.9/9, mb1mx3.7/22,mbtmp3.7/9,ML3.4/3, Error ellipse: s-maj=23.4km s-min=20.2km az=111.0, BUJ 29 20:29:32.0,34.70N-73.30E,h10km,mb3.9,ML4.2,Ms4.4, MOS 29 20:29:32.8,0.8,34.71N-73.21E,h24km,mb3.8/1, Error ellipse: s-maj=27.8km s-min=10.2km az=92.0, NEIC 29 20:29:33.1,0.8,34.69N-73.34E,h10km, Error ellipse: s-maj=18.7km s-min=11.8km az=105.0, NDI 29 20:29:34.1,3.7,34.79N-73.26E,h10km,ML3.8, NNC 29 20:29:43.4,15.0,34.98N-72.96E,h96km,262km,mpv3.8, Error ellipse: s-maj=157.2km s-min=122.2km az=101.0, ISC 29 20:29:30.0,0.5,34.61N-0.03,73.34E,0.07,h10km,n44,c1832/61,mb3.5,3C-2D,Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BYKL, MOS, KPC, etc.

Table with columns: IBAF, Batfgh, 3.64 56 Pn, Pn, 22 07 20.4 +1.0, etc.

NNC 29 22:06:17.8, 6.8, 37.56N:70.47E, h104km, 85km, mpv4.3, Error ellipse: s-maj=58.2km s-min=32.8km az=26.0, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc.

Table with columns: GUN, Gumba, 16.47 126 eP, P, 22 10 15.9 -1.4, etc.

NEIC 29 22:13:31.6, 29.37S:71.24W, h62km, After GUC, GUC 29 22:13:31.6, 29.37S:71.24W, h62km, ML3.5, etc.

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

KISR 29 22:13:40.0, 0.5, 27.23N:55.35E, h9km, 99km, ML2.9, CSEM 29 22:13:40.7, 26.63N:55.23E, h20km, ML2.9, After KISR, etc.

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

ATH 29 22:24:00.8, 38.29N:22.14E, h5km, MD3.4/8, ML3.2, NEIC 29 22:24:00.8, 38.29N:22.14E, h5km, ML3.2(ATH), After ATH, etc.

THE 29 22:24:02.4, 38.36N:22.27E, h10km, ML2.9, CSEM 29 22:24:02.0, 1.1, 38.33N:22.23E, h2km, ML3.2, Error ellipse: s-maj=2.3km s-min=2.1km az=25.0, etc.

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

MOS 29 22:41:03.5, 1.1, 49.75N:155.80E, h66km, mb4.7/1, Error ellipse: s-maj=23.2km s-min=7.9km az=75.3, etc.

KRSC 29 22:41:07.8, 1.1, 49.77N:156.66E, h32km, 9km, ML4.6, NEIC 29 22:41:08.3, 3.3, 49.94N:155.79E, h8km, 19km, mb4.3/4, Error ellipse: s-maj=36.8km s-min=11.9km az=180.0, etc.

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

Table with columns: KOK, AVH, Avacha, 3.88 24 eS, S, 22 42 48.3 -1.1, etc.

FX1 Attu Island-F 11.14 67 P P, 22 43 43.1 -0.9, FX1 2.7nm, 0.3s, baz=270, SNR=7.3, etc.

Table with columns: BILL, Bilibino, 19.01 12 eP, P, 22 45 21.5 -2.0, BILL 4.8nm, 0.3s, baz=270, SNR=7.3, etc.

ILAR Eielson Array 32.96 41 P P, 22 47 34.0 -0.5, INK comp=2.0, 8nm, 0.5s, mb3.6, baz=262, slow=6.2, SNR=12, etc.

ZAL Zalesovo 42.51 304 P P, 22 48 52.5 -1.9, ZAL comp=2.0, 7nm, 0.5s, mb3.7, baz=267, slow=6.7, SNR=3.7, etc.

BRVK Borovoye 50.49 309 P P, 22 49 56.4 -0.8, BRVK comp=2.2, 4nm, 0.5s, mb4.1, baz=61, slow=8.0, SNR=26, etc.

ARU Art 54.12 317 eP, P, 22 50 20.9 -3.3, ARU Arti 54.12 317 eP, P, 22 50 20.9 -3.3, etc.

ACRES ACRES Array B 56.64 341 P P, 22 50 32.0 -3.1, AKTO Aktyubinsk 58.18 312 P P, 22 50 51.2 -2.1, etc.

PDAR Pinedale Array 61.40 57 P P, 22 51 15.8 +0.3, FINES FINES Array B 62.13 335 P P, 22 51 18.5 -1.6, etc.

FINES FINES Array B 62.13 335 P P, 22 51 18.5 -1.6, FINES FINES Array B 62.13 335 P P, 22 51 18.5 -1.6, etc.

AKAS Main Array B 70.10 327 P P, 22 52 08.7 -2.1, AKAS Main Array B 70.10 327 P P, 22 52 08.7 -2.1, etc.

TXAR Lajitas Array 74.33 63 P P, 22 52 36.6 +0.5, BRER GRESS Array B 76.56 339 P P, 22 52 48.1 -0.3, etc.

BAIF Baives 77.67 342 eP, P, 22 52 54.2 -0.3, CDF Champ du Feu 78.56 339 eP, P, 22 52 59.4 -0.1, etc.

CDF Champ du Feu 78.56 339 eP, P, 22 52 59.4 -0.1, CDF Champ du Feu 78.56 339 eP, P, 22 52 59.4 -0.1, etc.

HAU Hautdopre 79.16 340 eP, P, 22 53 02.5 -0.2, FLN La Foliniere 79.79 344 eP, P, 22 53 06.5 +0.4, etc.

LDR La Druitiere 79.89 344 eP, P, 22 53 06.6 +0.3, GORR Gorron 80.22 345 eP, P, 22 53 08.6 -0.2, etc.

LOR Lorne 80.39 341 eP, P, 22 53 09.4 0.0, CABF La Chapelle 80.53 340 eP, P, 22 53 10.4 +0.3, etc.

SGMF Saint Gilles 80.63 346 eP, P, 22 53 10.9 +0.3, ROSE Rostrenen 80.66 346 eP, P, 22 53 11.3 +0.5, etc.

SSF Saint Saulte 80.66 341 eP, P, 22 53 11.9 +0.5, AVF Avril sur Lior 80.95 341 eP, P, 22 53 12.5 +0.1, etc.

PLG La Plagne 81.42 339 eP, P, 22 53 15.5 +0.7, LPL Le Plan 81.43 339 eP, P, 22 53 15.6 +0.7, etc.

TCF Toule Ste Croi 81.67 342 eP, P, 22 53 16.6 +0.5, MFF Saint Martin 81.81 344 eP, P, 22 53 17.3 +0.4, etc.

MBDF Montbardon 82.15 338 eP, P, 22 53 19.1 +0.5, ORIF Oris-en-Rattie 82.18 339 eP, P, 22 53 18.9 +0.1, etc.

CAF Calvados 83.00 342 eP, P, 22 53 23.7 +0.7, SMRF Simiane la Rot 83.14 339 eP, P, 22 53 24.0 +0.3, etc.

LFF La Frestale 83.25 343 eP, P, 22 53 24.0 -0.2, FRF La Foret Royal 83.28 338 eP, P, 22 53 24.5 +0.1, etc.

LMR L'Isle Jean 83.33 338 eP, P, 22 53 26.1 +0.5, PGF Pioggiola 83.64 336 eP, P, 22 53 26.5 +0.4, etc.

EPF Esparros 85.17 342 eP, P, 22 53 34.2 +0.5, SJPF Saint Jean 85.39 344 eP, P, 22 53 35.6 +0.8, etc.

NIED 29 22:41:00.24, 3.70N:122.00E, h80km, Mw4.9, Best double couple: M2.25x1016 NP1.0s156, 888, 1.24, NP2.0s65, 866, 1.178, etc.

BUI 29 22:41:48.6, 2.4, 85N:122.00E, h63km, mb4.9, mb4.8, Error ellipse: s-maj=4.4msd, 4, msd=4, etc.

NEIC 29 22:41:50.0, 0.2, 24.74N:122.03E, mb4.8/36, Error ellipse: s-maj=6.1km s-min=5.3km az=176.0, NEIC felt at Taipei, etc.

JMA 29 22:41:49.6, 0.3, 24.65N:122.03E, h70km, MB.9, MOS 29 22:41:50.3, 1.0, 24.94N:122.22E, h97km, ms1.1/34, Error ellipse: s-maj=10.4km s-min=5.1km az=119.2, etc.

IDD 29 22:41:50.4, 0.8, 24.76N:122.11E, h85km, 5km, mb4.4/21, ms1.4/525, ms1mx3.8/29, mbmp4.8/25, MS4.0/18, ms1.4/0.18, ms1mx3.8/30, Error ellipse: s-maj=12.5km s-min=10.3km az=32.0, etc.

MAN 29 22:42:54.6, 19.87N:121.73E, h13km, mb5.0, ML4.0, etc.

ISC 29 22:41:48.8, 0.3, 24.77N:122.06E, 0.02, h84km, 3km, h82km, 2.1km, pp-P, n272, s1.12/282, mb4.8/33, 24C-15D, Taiwan region, etc.

TATO Taipei 0.56 292 eP, P, 22 42 01.9 -1.7, YOJ Yonaguni jima 0.92 109 P P, 22 42 07.7 -0.2, etc.

IRIF Iriomote-Funau 1.58 105 P P, 22 42 15.8 0.0, IRIF Iriomote 1.58 105 P P, 22 42 15.8 0.0, etc.

HATJ Hateruma jima 1.74 114 P P, 22 42 18.1 +0.2, HATJ Hateruma 1.74 114 P P, 22 42 18.1 +0.2, etc.

741

JAGN	Aguni-jima	5.01 68	P	P	22 43 04.1 +0.9
JJT2	Tamagusuku 2	5.32 74	P	P	22 43 09.0 +1.7
JIH	Ihaya	5.78 66	P	P	22 43 14.8 +1.2
JJH			P	P	22 44 19.3 +0.1
JOW	Kunigami	5.97 68	S	P	22 43 16.4 +0.2
JOW	comp=E,2.4nm,0.3s,baz=249,slow=9.2,SNR=5=5		S		22 44 22.5 -1.4
JOW	comp=E,6.7nm,0.3s,baz=121,slow=19,SNR=2.4		S		22 43 16.2 0.0
JOW	Kunigami	5.97 68	P	S	22 44 23.9 0.0
JSS	Sheshan	6.35 353	↑P	S	22 43 20.3 -1.3
JSS			S		22 44 33.5 +0.1
JSS	comp=N,200nm,1.2s		Smax		
JSS	comp=E,320nm,1.2s		Smax		
JSS	Sheshan	6.35 353	↑Ph	P	22 43 20.3 -1.3
JSS	comp=E,116nm,0.7s				
JSS	Mit. Cagua	6.49 180	Sn	P	22 44 33.4 0.0
JSS	SGCP		eS	P	22 43 22.5 -1.1
JSS	SGCP		eS	P	22 44 30.4 -6.4
JTK	Tokunoshima	6.88 63	P	P	22 43 29.1 +0.2
JTK			S	P	22 44 44.6 -1.7
JTK			S	P	22 43 28.6 -0.8
JTK	Conner	6.01 186	eP	S	22 44 42.9 -4.2
JTK	APYP		eS	P	22 43 30.0 -1.1
JTK	Cualao Caves	7.93 182	eP	P	22 43 39.0 -0.7
JTK	Amami Oshima	7.67 60	P	P	22 45 04.2 -1.5
JTK	JAM		S	P	22 43 43.0 +1.6
JTK	CAUP	7.79 182	eP	S	22 45 08.1 -0.5
JTK	CAUP		eS	P	22 43 39.3 -2.1
JTK	Nanjing	7.79 339	eP	S	22 45 04.0 -4.7
JTK	NJ2		S	AMB	
JTK	NJ2		S	AMB	
JTK	comp=Z,210nm,0.6s		Smax		
JTK	comp=N,2um,1.0s		LR	LR	
JTK	comp=N,2um,14.6s		LR	LR	
JTK	comp=E,2um,10.0s		LR	LR	
JTK	comp=Z,710nm,6.1s		LR	LR	
JTM	Minamidaito 2	8.36 81	P	P	22 43 45.7 -3.4
JTM			eS	P	22 45 14.6 -8.1
JTM	Baguio City Da	8.46 190	i/P	P	22 43 51.0 +0.5
JTM	WHN	8.94 312	S	S	22 46 23.2 -1.0
JTM	WHN		S	S	22 45 35.5 -1.3
JTM	WHN		Smax		
JTM	comp=N,660nm,1.2s		Smax		
JTM	WHN		Smax		
JTM	comp=E,440nm,1.3s		eP	P	22 43 58.8 +1.1
JTM	BALP	8.99 183	eP	S	22 45 37.0 -1.2
JTM	BALP		eS	P	22 44 00.5 +0.4
JTM	SCZP	9.17 193	eP	P	22 44 28.5 +0.3
JTM	PVCP	11.29 170	eP	S	22 46 23.2 -1.0
JTM	PVCP		eS	S	22 44 32.1 +2.5
JTM	JNU	11.35 41	P	P	
JTM	Nakatsue		P	P	
JTM	comp=E,1.0nm,0.3s,baz=216,slow=12,SNR=19		LR	LR	22 49 24.7
JTM	JNU		LR	LR	
JTM	comp=E,315nm,18.1s,baz=224,slow=40		LR	LR	
JTM	Tai'an	12.17 341	eP	P	22 44 39.3 -1.3
JTM	OTRP	12.34 180	eP	P	22 44 51.9 +9.1
JTM	ENH	12.43 299	eP	P	22 44 44.2 +0.2
JTM	QIZ	12.69 246	eP	P	22 44 48.5 +1.0
JTM	QIZ		eS	LR	22 47 10.3 +3.0
JTM	QIZ		LR	LR	
JTM	comp=E,620nm,17.7s		LR	LR	
JTM	QIZ		LR	LR	
JTM	comp=Z,650nm,19.8s		LR	LR	
JTM	INCN	13.27 16	P	P	22 44 55.7 +0.8
JTM	Inchio		P	P	
JTM	KS15	13.58 20	P	P	22 45 01.7 +2.6
JTM	OCLP	13.85 169	eP	P	22 45 00.5 -2.3
JTM	GYA	13.99 280	i/P	P	22 45 05.3 +0.8
JTM	GYA		AP	P	22 45 17.8
JTM	GYA		S	S	22 47 32.0 -6.1
JTM	GYA		AMB	AMB	
JTM	comp=Z,160nm,2.4s		LR	LR	
JTM	GYA		LR	LR	
JTM	comp=N,1um,5.6s		LR	LR	
JTM	GYA		LR	LR	
JTM	comp=E,720nm,5.8s		LR	LR	
JTM	GYA		LR	LR	
JTM	comp=Z,840nm,5.6s		LR	LR	
JTM	MSLP	14.79 169	eP	P	22 45 16.1 +1.2
JTM	SNY	17.06 4	↑P	P	22 45 47.3 +4.0
JTM	SNY		S	AMB	22 48 56.8 +8.1
JTM	SNY		AMB	AMB	
JTM	comp=Z,50nm,1.0s		LR	LR	
JTM	SNY		LR	LR	
JTM	comp=N,970nm,6.1s		LR	LR	
JTM	SNY		LR	LR	
JTM	CD2	17.30 295	P	P	22 45 46.8 +0.5
JTM	CD2		AP	P	22 45 59.5
JTM	CD2		PP	PP	22 46 03.5 +1.7
JTM	CD2		S	SS	22 48 54.5 +0.5
JTM	CD2		SS	SS	22 49 17.8 -0.9
JTM	CD2		AMB	AMB	
JTM	comp=Z,60nm,0.8s		LR	LR	
JTM	CD2		LR	LR	
JTM	comp=Z,170nm,7.2s		LR	LR	
JTM	CD2		LR	LR	
JTM	comp=N,440nm,6.0s		LR	LR	
JTM	CD2		LR	LR	
JTM	comp=Z,280nm,14.4s		LR	LR	
JTM	KMI	17.53 275	P	P	22 45 53.8 +4.6
JTM	KMI		PP	PP	22 46 10.0 +5.2
JTM	KMI		S	S	22 48 57.3 -1.9
JTM	KMI		XS	SS	22 49 19.5
JTM	KMI		SS	SS	22 49 22.0 -2.4
JTM	KMI		AMB	AMB	
JTM	comp=Z,10.0nm,1.0s		LR	LR	
JTM	KMI		LR	LR	
JTM	comp=N,590nm,5.7s		LR	LR	
JTM	KMI		LR	LR	
JTM	comp=E,680nm,8.4s		LR	LR	
JTM	KMI		LR	LR	
JTM	comp=Z,650nm,9.0s		LR	LR	
JTM	KMI	17.53 275	P	P	22 45 53.7 +4.5
JTM	KMI		pp	P	22 46 07.5
JTM	KMI		PP	PP	22 46 10.1 +5.3
JTM	KMI		PPP	PPP	22 46 19.1 +4.3
JTM	KMI		sP	S	22 46 21.3
JTM	KMI		S	S	22 48 57.2 -2.0
JTM	KMI		S	S	22 49 19.4
JTM	KMI		SS	SS	22 49 22.0 -2.4
JTM	KMI		SSS	SSS	22 49 36.3 -4.3
JTM	KMI		P	P	22 45 53.7 +4.5
JTM	KMI		S	S	22 48 57.2 -2.0
JTM	KMI		Smax	Smax	
JTM	comp=Z,17nm,1.0s		LR	LR	
JTM	JHH	17.59 58	P	P	22 45 51.1 +1.2
JTM	Hachioji jima 2		P	P	
JTM	comp=Z,17nm,0.3s,baz=211,slow=6.1,SNR=7.5		P	P	
JTM	MAT	18.16 46	P	P	22 46 00.4 +3.6
JTM	MAT	18.16 46	eP	P	22 46 00.0 +3.2
JTM	MJAR	18.16 46	P	P	22 45 55.2 -1.5
JTM	MJAR		P	P	
JTM	comp=Z,0.7nm,0.3s,baz=242,slow=10,SNR=10.0		P	P	
JTM	CBJ2	18.25 78	P	P	22 45 57.9 0.0
JTM	Chichi jima		P	P	
JTM	comp=Z,1.3nm,0.3s,baz=270,slow=20,SNR=4.3		P	P	
JTM	HHC	18.28 334	↑P	P	22 46 00.8 +2.6
JTM	HHC		AP	P	22 46 15.8
JTM	HHC		SCP	P	22 53 53.8
JTM	HHC		AMB	AMB	
JTM	comp=Z,360nm,5.6s		LR	LR	
JTM	HHC		LR	LR	
JTM	comp=N,420nm,7.2s		LR	LR	
JTM	HHC		LR	LR	
JTM	comp=E,450nm,8.0s		LR	LR	
JTM	HHC		LR	LR	
JTM	comp=Z,490nm,10.4s		LR	LR	
JTM	BTO	18.74 330	eP	P	22 46 05.0 +1.6
JTM	Baotou	19.19 7	↑P	P	22 46 08.5 +0.1
JTM	CN2		P	P	22 49 37.8 +2.1
JTM	CN2		AMB	AMB	
JTM	comp=Z,20nm,0.9s		LR	LR	
JTM	CN2		LR	LR	
JTM	comp=N,400nm,14.0s		LR	LR	
JTM	CN2		LR	LR	
JTM	comp=E,300nm,14.0s		LR	LR	
JTM	CN2		LR	LR	
JTM	comp=Z,400nm,15.0s		LR	LR	

2005 NOV

LZH	Lanzhou	19.31 310	eP	P	22 46 11.3 +1.6
LZH			AP	P	22 46 27.5
LZH			PP	PP	22 46 32.0 +3.1
LZH			eS	S	22 46 35.8
LZH			XP	P	22 49 42.0 +3.8
LZH			AMB	AMB	
LZH	comp=Z,210nm,1.1s		AMB	AMB	
LZH	comp=Z,540nm,4.0s		LR	LR	
LZH	comp=E,2um,10.3s		LR	LR	
LZH	comp=Z,3um,14.4s		LR	LR	
LZH	Lanzhou	19.31 310	eP	P	22 46 11.3 +1.6
LZH	comp=Z,210nm,1.1s		pP	P	22 46 27.5
LZH			PP	PP	22 46 32.0 +3.1
LZH			sP	P	22 46 35.8
LZH			eS	S	22 49 42.0 +3.8
LZH			SS	SS	22 50 06.0
LZH			eSS	S	22 50 17.0 +8.6
LZH	Lanzhou	19.31 310	eP	P	22 46 11.3 +1.6
LZH			eS	S	22 49 42.0 +3.8
LZH			pmax	pmax	
LZH	comp=Z,210nm,1.1s		LR	LR	
LZH	Mudanjiang	20.73 15	eP	P	22 46 25.1 +0.6
LZH	Gaotai	23.76 313	eP	P	22 46 55.8 +1.6
LZH	GTA		AP	P	22 47 05.8
LZH	GTA		PP	PP	22 47 34.3 +4.2
LZH	GTA		PCP	PcP	22 50 37.3 -0.2
LZH	GTA		S	S	22 51 06.0 +5.7
LZH	GTA		SCP	PcS	22 54 07.5
LZH	GTA		AMB	AMB	22 54 15.5
LZH	GTA		AMB	AMB	
LZH	comp=Z,50nm,1.1s,mb4.8		AMB	AMB	
LZH	GTA		AMB	AMB	
LZH	comp=Z,240nm,4.9s		LR	LR	
LZH	GTA		LR	LR	
LZH	comp=N,270nm,8.4s		LR	LR	
LZH	GTA		LR	LR	
LZH	comp=E,180nm,12.9s		LR	LR	
LZH	GTA		LR	LR	
LZH	comp=Z,220nm,12.9s		LR	LR	
LZH	GUMU	24.20 113	LR	LR	22 56 22.3
LZH	comp=Z,142nm,19.4s,baz=72,slow=36				
LZH	HIA	24.52 356	eP	P	22 47 02.1 +0.5
LZH	Hailar		eP	P	
LZH	comp=Z,79nm,0.8s,mb5.2		pmax	pmax	
LZH	HIA	24.52 356	eP	P	22 47 02.1 +0.5
LZH	HIA		pmax	pmax	
LZH	comp=Z,79nm,0.8s		LR	LR	
LZH	ASAJ	25.56 36	P	P	22 47 11.2 -0.3
LZH	Asahikawa		AP	P	22 47 05.8
LZH	comp=Z,8.0nm,0.6s,mb4.3,baz=245,slow=32,SNR=10		LR	LR	22 57 44.1
LZH	ASAJ		LR	LR	
LZH	comp=Z,311nm,21.2s,baz=285,slow				

30d 1h

2005 NOV

744

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CTBH, GSPH, KCP, KAGZ, etc.

NEIC 301:37:30.1±0.9, 17.96S±178.45W, h566km, 10km, mb4.8/11, Error ellipse: s-maj=14.3km s-min=8.3km

IDC 301:37:30.3±1.6, 18.02S±178.35W, h573km, 18km, mb4.0/15, mb1.4/1.17, mb1mx4.1/2.0, mbtmp4.9/17, Error ellipse: s-maj=18.2km s-min=11.5km az=148.0

ISC 301:37:28.1±0.8, 17.96S±0.10±178.48W±0.08, h551km, 11km, n58, c1f1242, mb4.5/24, 8C-8D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AFI, AFJ, AFK, AFM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MCMT, CHMT, QLMT, PDAR, etc.

BUI 301:56:46.7, 36.67N±71.10E, h237km, mb4.9, mb4.8

MOS 301:56:46.6±0.9, 36.49N±71.19E, h239km, mb4.7/6.8, Error ellipse: s-maj=6.4km s-min=3.4km az=122.9

NEIC 301:56:48.2±0.1, 36.46N±71.28E, mb4-7/97, Error ellipse: s-maj=4.3km s-min=2.9km az=25.0

IDC 301:56:48.6±0.5, 36.47N±71.24E, h248km, 3km, mb4.4/17, mb1.4/7.2/1, mb1mx4.6/2.3, mbtmp5.1/21, Error ellipse: s-maj=7.7km s-min=8.7km az=153.0

NCC 301:56:53.2±2.2, 36.99N±71.36E, h241km, 13km, mpv5.2, Error ellipse: s-maj=18.5km s-min=17.3km az=41.0

ISC 301:56:46.8±0.1, 36.44N±0.02±177.26E±0.02, h246km, h246km, 1.7km; pP, n404, c0599/436, mb4.7/133, 50C-39D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEP, CHW, THW, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BHJ, BHU, MK02, etc.

30d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMRF Simiane la Rot, LOR Lormes, ERUA La Rua, etc.

2005 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELUO Luque, ERUA La Rua, ELOB Lobios, etc.

746

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, GUMU Guam, JNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Neumayer-Watz, Sanae, South Pole Qui, Vanda, Lajitas Array, etc.

BYKL 30 03:42:26.3, 0.3, 57.42N, 120.84E, h1km, 13km
IDC 30 03:42:27.5, 3.0, 57.53N, 120.60E, mb3.7, mb1 3.8/6,
mb1mx3.6/22, mbtmp3.7/6, Error ellipse: s-maj=7.6, 1km
s-min=26.5km az=159.0

Main table for the 747 section, listing station codes, names, coordinates, and observation details.

Table for the 2005 NOV section, listing station codes, names, coordinates, and observation details.

IDC 30 04:00:06.9, 1.2, 14.46S, 175.15W, mb3.8/5, mb1 4.2/6,
mb1mx4.0/14, mbtmp3.8/6, MS3.8/11, Ms1 3.8/11,
ms1mx3.5/28, Error ellipse: s-maj=50.4km
s-min=23.7km az=158.0, Samoa Islands region

Main table for the IDC 30 04:00:06.9 section, listing station codes, names, coordinates, and observation details.

Table for the 30 40 2d 4h section, listing station codes, names, coordinates, and observation details.

MAN 30 04:21:33.0, 1.3, 72N, 120.50E, h111km, mb5.0, ML4.0,
MS4.1
BUJ 30 04:21:32.1, 1.3, 74N, 120.94E, h133km, mb5.0, mb4.6
MOS 30 04:21:33.1, 1.0, 1.3, 80N, 120.93E, h144km, mb4.6/8, Error
ellipse: s-maj=25.3km s-min=10.1km az=119.9

Main table for the 30 40 2d 4h section, listing station codes, names, coordinates, and observation details.

30d 4h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, KMBO Kilima Mbogo, NB2 NORSAR Subarra, etc.

NEIC 30 04:26:00.6, 16.39N-99.11W, h16km, MD4.2(MEX), After MEX.

MEX 30 04:26:00.8 1.5, 16.42N-99.10W, h16km, 133km, MD4.2, 1C, Near coast of Guerrero.

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

30 04:27:10.0, 1.2, 34.50N-73.47E, mb3.8/4, mb1.4/1, mb1mx3.6/19, mbtmp3.9/4, Error ellipse: s-maj=35.7km

MOS 30 04:27:10.4, 0.7, 34.50N-73.56E, h17km, mb3.7/1, Error ellipse: s-maj=29.6km s-min=12.6km az=107.5

NEIC 30 04:27:11.4, 1.0, 34.44N-73.40E, h10km, mb3.1/2, Error ellipse: s-maj=27.1km s-min=5.4km az=53.0

NDI 30 04:27:13.1, 2.7, 34.53N-73.34E, h10km, MD3.4, ML3.3, mb3.1(NEIC)

NNC 30 04:27:15.5, 24.0, 34.82N-73.24E, mpv4.3, Error ellipse: s-maj=408.3km s-min=215.2km az=90.0

ISC 30 04:27:10.1, 0.7, 34.62N-0.07, 73.6E-0.1, h10km, n29, r131/38, mb3.7/3, 2C-3D, Pakistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like THN Thein Dam, DLH Dalhousie, KKH Karatay Array, etc.

AAK Karatay Array 8.04 5 ePn P 04 29 11.7 +1.9

KK31 Karatay Array 8.80 345 I/P P 04 29 21.6 +1.2

KK31 Karatay Array 8.80 345 I/P P 04 29 21.6 +1.1

KK31 Karatay Array 8.80 345 I/P P 04 29 21.6 +1.1

KK31 Karatay Array 8.80 345 I/P P 04 29 21.6 +1.1

KOLN Koldanda 10.96 126 eP P 04 29 49.7 -0.5

KOLN Gorkha 11.53 122 eP P 04 31 47.2 -6.8

DMN Daman 12.10 122 eP P 04 30 04.7 -0.9

KKN Kakani 12.11 121 eP P 04 30 04.0 -1.7

PKI Pulchoki 12.33 121 eP P 04 30 07.6 -1.1

PKI Pulchoki 12.33 121 eP P 04 30 07.6 -1.1

GUN Gumba 12.47 119 eP P 04 30 09.1 -1.4

JIRN Jiri 12.84 119 eP P 04 30 14.0 -1.5

AB31 Akbulak array 17.75 330 I/P P 04 31 18.7 -0.2

BRVK Borovoye 18.59 354 P P 04 31 30.3 +1.1

BRVK Borovoye 18.59 354 P P 04 31 30.3 +1.1

ZAL Zalesovo 20.87 19 P P 04 31 54.7 -0.0

ZAL Zalesovo 20.87 19 P P 04 31 54.7 -0.0

ARCES ARCES Array B 43.68 338 P P 04 35 16.9 +0.5

TORD Torodi Arr 67.81 271 P P 04 38 09.6 -1.1

WRA Warrungarra Arr 79.21 123 P P 04 39 17.2 0.0

NEIC 30 04:27:38.2 1.9, 13.94N-146.31E, h46km, 17km, mb4.4/3, Error ellipse: s-maj=16.9km s-min=1km az=96.0

ISC 30 04:27:39.1 3.9, 13.97N-146.38E, h51km, 34km, mb3.9/10, mb1.4/2/10, mb1mx4.0/19, mbtmp4.2/10, MS3.4/1, Ms1.3/4/1, ms1mx2.6/23, Error ellipse: s-maj=27.5km s-min=19.9km az=101.0

ISC 30 04:27:39.0 2.5, 13.90N-0.10-146.3E-0.2, h69km, 21km, n25, r081/23, mb4.1/13, 1C, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, DPC Dobruska-Polom, etc.

2005 NOV

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, WAB Warrungarra Arr, FITZ Fitzroy Crossi, etc.

NEIC 30 04:49:25.4 0.4, 15.75E-70.87W, h10km, mb4.2/4, Error ellipse: s-maj=8.4km s-min=7.8km az=149.0

ISC 30 04:49:30.5 3.9, 15.805E-70.80W, h48km, 42km, mb3.6/6, mb1.4/0/8, mb1mx3.7/19, mbtmp3.8/8, ML3.3/1, MS2.9/1, Ms1.3/0/1, ms1mx2.4/20, Error ellipse: s-maj=39.5km s-min=26.2km az=82.0

ISC 30 04:49:27.1 0.5, 15.785E-0.06-70.94W-0.07, h33km, n17, r058/22, mb4.0/9, 1C, Southern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARE Arequipa, LPAZ La Paz, SIV San Ignacio, etc.

LDG 30 04:52:52.4 0.1, 51.64N-16.19E, h1km, M4.3/18, Error ellipse: s-maj=4.5km s-min=2.8km az=166.0, Suspected Mining induced.

MOS 30 04:52:52.8 0.9, 51.66N-16.16E, h10km, mb4.0/3, Error ellipse: s-maj=8.6km s-min=4.3km az=89.1

CSEM 30 04:52:52.9 0.1, 51.62N-16.17E, h2km, mb3.9/3, ML4.3/22, Ms3.8, Error ellipse: s-maj=2.1km s-min=1.6km az=22.0

BUI 30 04:52:53.7, 51.60N-16.10E, h5km, mb4.9, NEIC 30 04:52:53.7 0.4, 51.63N-16.06E, h5km, ML4.0(SZGRF), ML3.9(FUFR), Error ellipse: s-maj=5.1km s-min=3.5km az=200.0

IPEC 30 04:52:53.8 0.2, 51.59N-16.17E, h3km, 1km, ML3.3/3, Error ellipse: s-maj=1.6km s-min=0.6km az=29.0

BGR 30 04:52:54.2 0.6, 51.47N-16.17E, h1km, ML4.0/11, Error ellipse: s-maj=7.8km s-min=4.4km az=155.0

ISC 30 04:52:54.7 0.5, 51.53N-16.01E, mb3.7/6, mb1.3/9/14, mb1mx3.8/26, mbtmp3.7/14, ML3.6/7, Error ellipse: s-maj=9.7km s-min=6.3km az=106.0

PRU 30 04:52:55.1, 51.53N-16.10E, Felt In Harachov

WAR 30 04:52:55.4, 51.55N-16.10E, h1km, ML3.8, Mining Induced

VIE 30 04:52:56.9 0.7, 51.33N-16.07E, mb3.4/7, ML3.5/8, Ms3.8/1, Error ellipse: s-maj=5.3km s-min=3.8km az=135.0, Suspected Mining induced.

STR 30 04:53:15.0 0.0, 50.89N-14.04E, h10km, 1km, M4.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 30 04:52:52.3 0.2, 51.52N-0.01-16.08E-0.02, n185, r155/306, mb3.8/8, 12C-13D, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DPC Dobruska-Polom, KSP Ksiaz, BRG Berggiesshobel, etc.

748

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BRG Berggiesshobel, RUE Ruedersdorf, COLM Colim, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, etc. Includes stations like ARSA, CRVS, PSZ, KALWARIA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, etc. Includes stations like HFS Hagfors, HFS HFS, HFS Hagfors, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, etc. Includes stations like SCS AMB, SCS AMB, SCS AMB, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HVU Hansel Valley, EGMT Eagleton, BGR Big Grassy Mtn, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NAO NORSAR Subarra, BR131 Keskin Array S, BRTR Keskin Array B, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ comp=2.6um, LPAZ La Paz, LPAZ La Paz, etc.

JMA 30 05:24:30.6-0.2, 38.07N x 144.51E, h54km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details for JMA stations.

NEIC 30 05:28:14.7, 16.04N-97.14W, h8km, MD3.9(MEX), After MEX.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details for NEIC stations.

IDC 30 05:41:39.5-0.7, 9.68S-79.82W, mb4.7/19, mb1.4/8/21, mb1mx4.8/26, mbmp4.7/21, ML4.0/1, MSS.0/11, Ms1.5/0/11, ms17mx8/19, Error ellipse: s-maj=23.2km s-min=12.5km az=53.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details for IDC stations.

Table with columns: SRU, San Rafael, 56.28 331 eP, P, 05 51 22.4 -0.4, etc. Lists various stations and their coordinates and status.

Table with columns: PVRL, Vila Real, 83.18 46 eP, P, 05 54 09.3 +1.9, etc. Lists various stations and their coordinates and status.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRG Berggiesshubel, FBE Freiberg, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG El Cayaco, JMA 30 06:26:47.4, BUI 30 07:12:48.0, IDC 30 07:21:35.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESKT Eskisehir, MDU Mudurnu, SAFT Sufanbolu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ, PDAR, ULM, MCMST, etc.

BUI 30 08:26:20.1, 19.11N:155.17W, h5km, mB5.3, mb4.6, Ms5.1, Ms24.6

NEIC 30 08:26:22.0, 19.33N:155.11W, h10km, mb4.2/4, MD4.5(HVO), After HVO.

NEIC Feit [IV] at Hilo, Kaa'ua and Pepeekeo; [III] at Hakalua, Honoumou, Mountain View and Pahoa. Feit at Kamuela, Kurikostown, O'okala, Papahaku and Volcano.

ISC 30 08:26:22.6, 21.19, 49N:155.14W, mb4.1/9, mb1 4.3/9, mb1mx4.1/21, mbmp4.1/9, MS3.6/2, Ms1 3.6/2, ms1mx3.0/29, Error ellipse: s-maj=53.0km s-min=29.9km az=13.0

ISC 30 08:26:20.2, 3.19, 43N:109.155.13W, 0.08, h0.8, h0.8, h0.8, h15km, 1km; p-P, n41, 0.1, 10, 13, slow=2.3, SNR=3.4

Hawaiian Islands

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

ISC 30 09:41:14.2, 21.0, 15.49S:175.26W, h10km, mb4.8/2, Error ellipse: s-maj=57.8km s-min=13.3km az=153.0

ISC 30 09:41:14.2, 1.4, 14.96S:175.75W, mb4.0/6, mb1 4.4/6, mb1mx4.1/14, mbmp4.0/6, MS3.8/16, Ms1 3.8/16, ms1mx3.7/24, Error ellipse: s-maj=95.3km s-min=22.2km az=147.0

ISC 30 09:41:15.7, 1.0, 15.5S:0.4, 175.2W, 0.2, h33km, n26, 0.1928/14, mb4.2/15, MS3.8/13, Tonga Islands

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

ISC 30 09:58:43.7, 4.1, 64.48N:32.40E, mb1 3.3/4, mb1mx3.1/22, mbmp3.3/4, ML2.6/4, Error ellipse:

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

GUC 30 09:03:11.9, 0.8, 27.93S:66.79W, h150km, ML4.1, 4C, Catamarca Province

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

ISC 30 09:19:26.2, 6.2, 37.84N:144.76E, mb3.5/2, mb1 3.8/3, mb1mx3.4/21, mbmp3.5/3, ML3.5/1, MS3.8/1, Ms1 3.8/1, ms1mx3.1/26, Error ellipse: s-maj=53.4km s-min=36.9km az=45.0

JMA 30 09:19:30.4, 0.2, 38.05N:144.53E, h53km, M3.9

ISC 30 09:19:29.2, 1.4, 38.16N:106.144.6E, 0.1, h67km, 23km, n15, 0.1915/23, mb3.4/2, Off east coast of Honshu

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

ISC 30 09:25:50.3, 1.2, 70N:92.15E, mb3.6/3, mb1 3.8/3, mb1mx3.5/18, mbmp3.6/3, Error ellipse: s-maj=128.3km s-min=28.2km az=65.0

ISC 30 09:25:23.5, 1.5, 12.7N:0.3, 92.2E, 0.2, h33km, n4, 0.0502/5, mb3.6/3, Andaman Islands region

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

NEIC 30 09:41:14.2, 21.0, 15.49S:175.26W, h10km, mb4.8/2, Error ellipse: s-maj=57.8km s-min=13.3km az=153.0

ISC 30 09:41:14.2, 1.4, 14.96S:175.75W, mb4.0/6, mb1 4.4/6, mb1mx4.1/14, mbmp4.0/6, MS3.8/16, Ms1 3.8/16, ms1mx3.7/24, Error ellipse: s-maj=95.3km s-min=22.2km az=147.0

ISC 30 09:41:15.7, 1.0, 15.5S:0.4, 175.2W, 0.2, h33km, n26, 0.1928/14, mb4.2/15, MS3.8/13, Tonga Islands

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

ISC 30 09:58:43.7, 4.1, 64.48N:32.40E, mb1 3.3/4, mb1mx3.1/22, mbmp3.3/4, ML2.6/4, Error ellipse:

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

s-maj=59.1km s-min=13.9km az=105.0

HEL 30 09:58:47.3, 0.1, 64.70N:31.00E, ML1.8, Explosion

ISC 30 09:58:45.8, 0.8, 64.68N:0.04, 31.0E, 0.1, n12, 0.1, 11, 2, 1, 19, 19/24, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOF, KU4, OUL, etc.

ISC 30 10:04:53.3, 1.9, 23.7S:0.3, 168.9E, 0.3, h33km, n5, 0.047/6, mb3.8/2, New Caledonia

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

NEIC 30 10:42:00.2, 6.10N:125.80E, h5km, Mw4.0, Best double couple: M1:17x1015 NP1:255°, 848°, 0.67°. NP2:204°, 847°, 0.113°

ISC 30 10:42:39.0, 1.0, 26.05N:125.75E, mb3.9/6, mb1 4.1/7, mb1mx3.8/23, mbmp3.9/7, ML3.4/1, MS3.9/3, Ms1 3.9/3, ms1mx2.7/33, Error ellipse: s-maj=26.5km s-min=18.5km az=57.0

JMA 30 10:42:39.1, 0.2, 26.08N:125.80E, M3.5

NEIC 30 10:42:40.0, 4.0, 26.05N:125.78E, h10km, mb4.3/1, Error ellipse: s-maj=18.3km s-min=14.2km az=48.0

ISC 30 10:42:39.7, 0.5, 26.11N:125.74E, 0.04, h10km, n22, 0.1905/25, mb4.0/7, MS3.6/3, Northeast of Taiwan

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

NAO 30 10:42:40.8, 2.7, 60.41N:27.29E, ML1.9

HEL 30 10:42:41.0, 0.3, 60.35N:27.15E, ML1.7, Explosion

ISC 30 10:42:45.6, 2.2, 60.53N:27.06E, mb1 3.4/2, mb1mx3.0/20, mbmp3.2/2, ML3.0/2, Error ellipse: s-maj=15.8km s-min=11.1km az=128.0

ISC 30 10:42:41.1, 1.1, 60.45N:0.05, 27.10E, 0.08, n13, 0.1, 11, 2, 1, 19, 19/24, Finland-Karelia border region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AAL Aland, NRTU Norrtälje, VFV Perna, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HFS Hagfors, HFS Hagfors, NB2 NORSAR Subarra, etc.

MAN 30 13:41:26.8, 12.35N-123.63E, h18km, mb4.0, ML2.8, MS2.4, 1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MPMH Masbate, MWB Marble Bar, FITZ Fitzroy Crossi, etc.

NEIC 30 13:58:38.0, 40.43S-173.57E, h168km, MG4.1 (WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUWZ D'Urville Isla, NNZ Nelson, QNZ Quartz Range, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MRW Makara Radio, NWEZ Newall Radio, SNZO South Karori, etc.

BYKL 30 14:18:23.6, 0.3, 57.42N-120.81E, h5km, 21km

MOS 30 14:18:24.4, 1.2, 57.33N-120.75E, h12km, mb4.1/2, Error ellipse: s-maj=17.8km s-min=1.7km az=52.3

ISC 30 14:18:25.8, 0.8, 8.05S-102.109E, 0.2, h33km, n22, +0558/19, mb4.3/9, MS3.4/1, Jawa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CRS Chara, NRGRR Nerungri, CHUL'AN Chul'man, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CLNS comp=N,17nm,0.3s, CLNS comp=E,20nm,0.3s, CLNS comp=N,91nm,0.3s, etc.

CBIJ	Chichi jima	27.00 38	P	P	16 59 23.6	-1.4
CBIJ	comp=Z,506nm,1.0s,mb5.0,baz=288,slow=21,SNR=9.3		S	S	17 03 58.0	0.0
CBIJ	comp=Z,73nm,0.7s,baz=303,slow=22,SNR=2.9		LR	LR	17 08 21.9	
CHRT	Chiangrai	27.19 132	U	P	16 59 24.0	-2.8
JNU	Nakatsue	27.51 12	P	P	16 59 28.4	-1.1
JNU	comp=Z,69nm,1.0s,mb5.2,baz=180,slow=4.9,SNR=4.6		S	S	17 07 06.2	-0.1
MBWA	Marble Bar	27.54 189	P	FAKE	16 59 40.0	+1.0
KMI	Kunming	27.73 315	P	P	16 59 33.0	+1.3
KMI	comp=Z,11um,21.0s,MS5.4		LR	LR	16 59 40.8	-1.1
KMI	AP		pP	pP	16 59 43.8	-2.7
KMI	XP		PP	PP	17 00 21.0	+0.1
KMI	PP		PPP	PPP	17 00 33.5	+0.6
KMI	S		S	S	17 04 10.8	+0.9
KMI	SCP		SS	SS	17 06 28.5	
KMI	P		SSS	SSS	17 06 31.5	
KMI	ScS		ScS	ScS	17 10 19.0	+3.9
KMI	AMB		AMB	AMB		
KMI	comp=Z,90nm,1.6s,mb5.2		AMB	AMB		
KMI	comp=Z,4um,6.8s		LR	LR		
KMI	comp=N,23um,15.8s,MS6.1		LR	LR		
KMI	comp=E,29um,14.1s,MS6.1		LR	LR		
KMI	comp=Z,45um,14.7s,MS6.2		LR	LR		
KMI	Kunming	27.73 315	P	P	16 59 33.0	+1.3
KMI	comp=Z,93nm,1.6s,mb5.2		pP	pP	16 59 40.7	-1.2
KMI	pP		SP	SP	16 59 43.8	-2.7
KMI	PP		PP	PP	17 00 21.0	+0.1
KMI	PPP		PPP	PPP	17 00 33.5	+0.6
KMI	S		S	S	17 04 10.7	+0.8
KMI	SS		SS	SS	17 05 28.6	-2.3
KMI	SSS		SSS	SSS	17 05 47.2	-2.1
KMI	ScS		ScS	ScS	17 06 31.5	
KMI	ScS		ScS	ScS	17 10 18.9	+3.8
KMI	LR		LR	LR		
KMI	comp=Z,45um,14.7s,MS6.2		P	P	16 59 33.0	+1.3
KMI	Kunming	27.73 315	P	*SP	16 59 43.8	-2.7
KMI	*SP		SP	SP	17 00 21.0	
KMI	PPP		PPP	PPP	17 00 33.5	+0.6
KMI	S		S	S	17 04 10.7	+0.8
KMI	SS		SS	SS	17 05 28.6	-2.3
KMI	SSS		SSS	SSS	17 05 47.2	-2.1
KMI	ScS		ScS	ScS	17 10 18.9	
KMI	LR		LR	LR		
KMI	comp=Z,93nm,1.6s,mb5.2		pmax	pmax		
KMI	MLR		MLR	MLR		
PMG	Port Moresby	27.78 124	P	P	16 59 31.2	-1.0
PMG	comp=Z,162nm,1.0s,mb5.6,baz=327,slow=2.6,SNR=41.5		S	S	17 04 09.8	-1.0
PMG	comp=Z,6.6nm,0.9s,baz=96,slow=16,SNR=1.4		LR	LR	17 11 29.4	
PMG	Port Moresby	27.78 124	eP	P	16 59 31.2	-1.1
PMG	comp=Z,247nm,0.9s,mb5.8		LR	LR		
PMG	Port Moresby	27.78 124	eP	P	16 59 31.3	-0.9
WRAB	Tennant Creek	27.90 159	eP	P	16 59 31.8	-1.5
WRAB	comp=Z,410nm,1.0s,mb6.0		LR	LR		
WRAB	comp=Z,4um,22.0s,MS4.9		LR	LR		
WRAB	Tennant Creek	27.90 159	eP	P	16 59 32.5	-0.8
WRA	Warramunga Arr	27.91 159	P	P	16 59 32.0	-1.3
WRA	comp=Z,42nm,0.5s,mb5.3,baz=331,slow=10,SNR=225		S	S	17 04 12.7	0.0
WB2	Warramunga Arr	27.91 159	U	P	16 59 31.9	-1.4
WB2	comp=Z,13nm,1.1s,baz=345,slow=30,SNR=3.6		LR	LR	17 04 10.6	-2.2
JHJ	Hachijo jima 2	30.50 27	i	P	16 59 54.0	-2.3
JHJ	comp=Z,116nm,0.9s,mb5.7,baz=206,slow=21,SNR=2.8		P	P	17 04 55.0	+1.1
JHJ	comp=Z,140nm,0.9s,baz=86,slow=18,SNR=2.3		LR	LR	17 09 45.1	
TIA	Tai'an	30.51 349	U	P	16 59 52.8	-3.5
TIA	AP		pP	pP	17 00 03.0	-3.7
TIA	XP		PP	PP	17 00 09.0	-2.5
TIA	S		S	S	17 04 56.0	+2.0
TIA	AMB		AMB	AMB		
TIA	comp=Z,70nm,1.1s,mb5.4		AMB	AMB		
TIA	comp=Z,3um,8.0s		LR	LR		
TIA	comp=N,15um,14.0s,MS6.0		LR	LR		
TIA	comp=E,16um,14.5s,MS6.0		LR	LR		
XAN	Xi'an	31.02 335	P	P	17 00 00.0	-0.9
XAN	S		S	S	17 05 00.8	-1.2
XAN	SS		SS	SS	17 06 49.8	+2.2
XAN	AMB		AMB	AMB		
XAN	comp=Z,2um,8.1s		LR	LR		
XAN	comp=N,14um,20.0s,MS5.9		LR	LR		
XAN	comp=E,21um,17.3s,MS5.9		LR	LR		
CD2	Chengdu	31.07 325	U	P	17 00 01.0	-0.3
CD2	comp=Z,170nm,1.4s,mb5.7		PP	PP	17 01 04.0	-0.2
CD2	AMB		AMB	AMB	17 05 04.5	-1.3
CD2	comp=Z,2um,5.9s		AMB	AMB		
CD2	comp=E,28um,6.8s		LR	LR		
CD2	comp=Z,26um,15.6s,MS6.0		LR	LR		
INCN	Inchon	31.20 4	eP	P	17 00 00.5	-1.9
INCN	comp=Z,31nm,1.0s,mb5.1		LR	LR		
INCN	comp=Z,28nm,19.0s,MS6.0		LR	LR		
KS15	Wonju Array Si	31.27 6	eP	P	17 00 02.5	-0.5
DL2	Dalian	32.61 357	U	P	17 00 15.0	+0.3
DL2	AP		pP	pP	17 00 27.0	+1.8
DL2	S		S	S	17 05 28.5	+1.7
DL2	AMB		AMB	AMB		
DL2	comp=Z,90nm,1.1s,mb5.6		AMB	AMB		
DL2	comp=Z,2um,6.1s		LR	LR		
DL2	comp=N,9um,15.2s,MS6.0		LR	LR		
DL2	comp=E,20um,16.0s,MS6.0		LR	LR		
DL2	comp=Z,14um,15.7s,MS5.8		LR	LR		
COCO	West Island	32.66 236	eP	P	17 00 15.4	0.0
COCO	comp=Z,130nm,1.1s,mb5.8		e	pP	17 00 24.6	-1.2
COCO	LR		LR	LR		
MAJO	Matsushiro	32.84 21	eP	P	17 00 15.5	-1.4
MAJO	comp=Z,4um,20.0s,MS5.1		LR	LR		
MAJO	comp=Z,664nm,2.0s,mb6.2		LR	LR		
MAJO	comp=Z,39um,19.0s,MS6.1		LR	LR		
MAJO	Matsushiro	32.84 21	eP	pmax	17 00 15.5	-1.3
MAJO	comp=Z,664nm,2.0s,mb6.2		pmax	pmax		
MAJO	comp=Z,39um,19.0s,MS6.1		MLR	MLR		
MAT	Matsushiro	32.84 21	eP	P	17 00 15.3	-1.5
MAT	S		S	S	17 05 26.0	-4.5
MAT	AMB		AMB	AMB	17 00 15.0	-1.8
MAT	comp=Z,65nm,1.0s,mb5.5		eS	S	17 05 27.0	-3.5
MAT	AMB		AMB	AMB	17 00 15.0	-1.8
MAT	comp=Z,65nm,1.0s,mb5.5		eS	S	17 05 27.0	-3.5
MAT	pmax		pmax	pmax		
MJAR	Matsushiro Arr	32.84 21	P	P	17 00 14.4	-2.4
MJAR	comp=Z,49nm,1.0s,mb5.4,baz=198,slow=7.9,SNR=35		P	P		

MJAR	comp=Z,13nm,1.0s,baz=179,slow=2.8,SNR=5.0		PcP	PcP	17 02 59.5	-1.7
MJAR	S		S	S	17 05 29.7	-0.9
MJAR	comp=Z,1.8nm,0.9s,baz=132,slow=15,SNR=2.5		LR	LR	17 12 45.7	
TIY	Taiyuan	33.08 343	PR	P	17 00 18.0	-0.8
TIY	comp=Z,38um,19.7s,MS6.1,baz=200,slow=35		LR	LR	17 05 35.0	+0.9
CTA	Charters Tower	34.08 141	U	P	17 00 27.7	+0.1
CTA	comp=Z,40um,17.0s,MS6.2		LR	LR		
CTA	comp=Z,53nm,0.8s,mb5.5		eS	P	17 05 36.7	-1.3
CTA	Charters Tower	34.08 141	eS	P	17 00 27.3	-0.3
CTA	comp=Z,103nm,1.0s,mb5.7,baz=319,slow=10,SNR=40		S	S	17 05 32.1	-1.8
CTA	comp=Z,22nm,1.2s,baz=184,slow=15,SNR=2.0		P	P	17 00 27.7	+0.1
CTA	Charters Tower	34.08 141	U	P	17 00 27.7	+0.1
CTA	comp=Z,53nm,0.8s		pmax	pmax		
CTAO	Charters Tower	34.08 141	eP	P	17 00 27.6	0.0
CTAO	comp=Z,101nm,0.9s,mb5.8		LR	LR		
CTAO	Charters Tower	34.08 141	P	P	17 00 27.8	+0.2
CTAO	comp=Z,100nm,1.0s,mb5.7		P	pmax		
LZH	Lanzhou	35.02 331	U	P	17 00 37.5	+2.0
LZH	AP		pP	pP	17 00 50.0	+4.0
LZH	PP		PP	PP	17 01 55.0	+0.5
LZH	XS		XS	XS	17 06 02.0	-2.3
LZH	AMB		AMB	AMB	17 06 23.0	
LZH	comp=Z,470nm,1.1s,mb6.3		AMB	AMB		
LZH	comp=Z,8um,5.8s		LR	LR		
LZH	comp=N,72um,16.5s		LR	LR		
LZH	comp=Z,91um,21.3s,MS6.5		U	P	17 00 37.6	+2.1
LZH	Lanzhou	35.02 331	U	P	17 00 37.6	+2.1
LZH	comp=Z,470nm,1.1s,mb6.3		pP	pP	17 00 50.1	+4.1
LZH	pP		SP	SP	17 00 56.0	+5.2
LZH	*SP		PP	PP	17 01 55.0	+0.5
LZH	PPP		PPP	PPP	17 02 15.0	+2.5
LZH	S		S	S	17 06 02.0	-2.3
LZH	eSS		eSS	SS	17 06 23.0	
LZH	LR		LR	LR	17 08 18.0	-2.5
LZH	comp=Z,91um,21.3s,MS6.5		U	P	17 00 37.6	+2.1
LZH	Lanzhou	35.02 331	U	P	17 00 50.1	+4.1
LZH	*SP		SP	SP	17 00 56.0	+5.2
LZH	PPP		PPP	PPP	17 01 55.0	+0.5
LZH	S		S	S	17 02 15.0	+2.5
LZH	*SS		*SS	SS	17 06 02.0	-2.3
LZH	eSS		eSS	SS	17 06 23.0	
LZH	pmax		pmax	pmax	17 08 18.0	-2.5
LZH	MLR		MLR	MLR		
LZH	comp=Z,470nm,1.1s,mb6.3		MLR	MLR		
LZH	comp=Z,91um,21.3s,MS6.5		U	P	17 00 38.5	-0.7
LZH	Shenyang	35.45 359	U	P	17 06 14.0	+3.1
LZH	S		S	S	17 06 26.0	
LZH	AMB		AMB	AMB		
LZH	comp=Z,140nm,1.9s,mb5.6		AMB	AMB		
LZH	comp=Z,4um,6.5s		LR	LR		
LZH	comp=N,33um,16.5s,MS6.2		LR	LR		
LZH	comp=E,21um,16.9s,MS6.2		LR	LR		
LZH	comp=Z,39um,17.8s,MS6.2		P	P	17 00 46.5	+0.7
LZH	Hu-ho-hao-te	36.24 344	P	P	17 00 50.1	+4.1
LZH	AP		AP	AP	17 01 00.0	-1.1
LZH	XP		XP	XP	17 02 10.8	+1.5
LZH	PP		PP	PP	17 03 10.5	-0.4
LZH	PcP		PcP	PcP	17 06 25.3	+2.3
LZH	XS		XS	XS	17 06 41.0	
LZH	ScP		ScP	ScP	17 06 52.5	
LZH	P		P	P	17 06 57.0	
LZH	SS		SS	SS	17 08 50.0	+1.8
LZH	ScS		ScS	ScS	17 10 58.0	+0.4
LZH	AMB		AMB	AMB		
LZH	comp=Z,180nm,2.5s,mb5.6		AMB	AMB		
LZH	comp=Z,6um,4.8s		LR	LR		
LZH	comp=E,22um,18.6s,MS6.2		LR	LR		
LZH	comp=N,27um,16.2s,MS6.2		LR	LR		
LZH	comp=Z,27um,19.2s,MS6.0		P	P	17 00 47.0	+0.9
LZH	Shilong	36.25 306	eS	P	17 06 26.0	+2.6
LZH	eS		eS	P	17 00 52.3	0.0
LZH	FOR		FOR	FOR	17 06 38.8	-1.9
LZH	comp=Z,109nm,0.7s,mb5.8		i	S	17 00 50.3	-5.6
LZH	CN2		CN2	CN2	17 06 59.8	
LZH	Changchun	37.45 2	eP	P	17 06 32.3	-1.9
LZH	comp=Z,30nm,1.0s,mb5.1		eP	P	17 01 01.2	-0.2
LZH	Calcutta	38.06 299	eP	x	17 01 00.9	-0.3
LZH	CAL		eP	x	17 02 15.8	
LZH	CAL		eP	x	17 06 41.4	
LZH	CAL		eS	P	17 06 51.7	+0.7
LZH	KLBR	38.08 189	eP	P	17 01 01.2	-0.2
LZH	comp=Z,121nm,1.2s,mb5.5		P	P	17 01 05.5	+0.4
LZH	MDJ	38.55 6	P	pP	17 01 21.8	+1.5
LZH	AP		XP	XP	17 02 34.8	-2.5
LZH	PP		PP	PP	17 03 15.5	-2.4
LZH	PcP		PcP	PcP		

30d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ, DDI, NDI, KARAD, etc.

2005 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, KZA, KZM, KBK, UCH, CHMS, AAK, etc.

762

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNZO, URZ, HOQ, BSY, AFI, etc.

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like BHD Baghdad, KAMS Al Khamasin, and many others.

Table with columns for station name, location, frequency, and various signal quality metrics. Includes stations like OBNS Obninsk, COLA College, and many others.

Table with columns for station name, location, frequency, and various signal quality metrics. Includes stations like ERMK Ermenek, AKASG Malin Array Be, and many others.

Table of astronomical observations for 30 days and 16 hours, listing objects like NAO, BSD, KSP, DPC, etc. with their coordinates and observation details.

Table of astronomical observations for 30 days and 16 hours, listing objects like YKA, GEC2, GERES, etc. with their coordinates and observation details.

Table of astronomical observations for 30 days and 16 hours, listing objects like LOR, SMF, SSF, etc. with their coordinates and observation details.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CUSU, PISA, TAMBO, ANTI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TORD, INK, ZAL, MKAR, etc.

NEIC 30 19:14:00.2-0.3, 43.84N-105.43W, ML3.1, Error ellipse: s-maj=5.3km s-min=4.1km az=136.0, Suspected Mining explosion.

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

MAN 30 19:12:16.6, 47N-123.84E, h20km, mb4.3, ML3.1, MS2.9, 1D, Mindanao

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

NEIC 30 19:23:09.0, 16.22N-93.93W, h108km, MD4.0(MEX), After MEX.

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

NEIC 30 19:40:07.6, 26.04S-69.09W, h133km, MD3.4(GUC), After GUC.

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

NEIC 30 19:57:11.8, 1.7, 40.24S-175.39E, mb4.0/1, mb1 4.4/1, mb1mx3.8/9, mbtmpt4.0/1, Error ellipse: s-maj=83.7km

NEIC 30 19:57:20.8, 40.35S-175.11E, h51km, ML-6(WEL), After WEL.

NEIC 30 19:57:21.3, 0.1, 40.33S-175.14E, h48km, 2km, ML4.1/17, Error ellipse: s-maj=1.0km s-min=0.4km az=90.0, 4.

WEL Felt between Wanganui, Wellington and Manawatu, maximum reported intensity MM.

ISC 30 19:57:19.6-0.4, 40.36S-0.02-175.14E-0.05, h68km, 6km, n113, c0581/123, mb4.0/1, 14C-3D, North Island

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

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

BUG 30 20:14:01.3, 51.48N-6.77E, h1km, ML1.8, LDG 30 20:14:02.3-0.1, 51.62N-6.90E, h1km, ML2.9/12, Error ellipse: s-maj=1.7km s-min=1.3km az=39.0, Suspected Mining induced.

CSEM 30 20:14:02.5-0.1, 51.61N-6.89E, h2km, ML2.9/10, Error ellipse: s-maj=1.8km s-min=1.2km az=92.0

BNS 30 20:14:03.5-1.0, 51.55N-6.90E, h1km, ML2.1, BGR 30 20:14:03.8-1.2, 51.49N-6.90E, h1km, ML2.1/4, Error ellipse: s-maj=12.2km s-min=5.6km az=133.0

ISC 30 20:14:01.0-0.6, 51.51N-0.03-6.69E, n43, c1427/4, ID, Germany

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

NEIC 30 20:22:52.8, 17.01N-99.49W, h41km, MD3.9(MEX), After MEX. MEX 30 20:22:52.9-0.9, 17.00N-99.44W, h16km, 8km, MD3.9

30d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, PLIG Platanillo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAGZ Pagadian, MUSAN Musuan, IPIL Ipil, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPH General Santos, CTBH Cotabato-PC H, PAGZ Pagadian, etc.

KISR 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

ISK 30 21:13:55.2, 35.85N-29.77E, h28km, MD3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, ELI Elmali, etc.

2005 NOV

Table with columns: ANCH Antofagasta, ANCH Caldera, CDCH Caldera, etc.

MAN 30 21:28:05.2, 10.35N-125.48E, h97km, mb4.2, ML3.0

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

ATH 30 21:38:25.0, 38.26N-26.93E, h44km, 3km, MD3.2/3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMK Samos, PRG Paraskevi, ARK Akhisar, etc.

ISK 30 21:38:25.0, 38.26N-26.93E, h44km, 3km, MD3.2/3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOTS Bodrum, MLB Milas Array, APE Apeiranthos, etc.

IDC 30 22:11:09.1, 3.6, 13.62N-146.37E, h70km, 31km, mb3.4/5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guam, WRA Warramunga Arr, SONM Songino Array, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

THR 30 22:23:02.1, 0.3, 26.74N-55.97E, h14km, 5km, ML3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

768

Table with columns: JIH Iheya, JTK Tokunoshima, JAGN Aguni-jima, etc.

MAN 30 20:30:09.8, 7.64N-123.84E, h195km, mb3.8, ML2.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKE Kume jima 2, JNN Nakunoshima, JON Gosusukube, etc.

MAN 30 20:30:09.8, 7.64N-123.84E, h195km, mb3.8, ML2.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKR Kuro-shima, JKS Iriomote-Funau, JEN Enshi, etc.

MAN 30 20:58:27.9, 5.60N-123.91E, h21km, mb4.5, ML3.4, MS3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanohi Array, ZL Zalesovo, WRAB Wrabbits Creek, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

ISK 30 21:04:42.3, 0.3, 27.05N-55.21E, h1km, 999km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, ANOM Anahim, ASHO Ashiyah, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Podgorica, Sala Consilina, Herceg Novi, Palazovo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like JMA 30 22:52:48.3, OFUJ, MIYJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like IDC 30 22:56:44.6, SONM, MKAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like IDC 30 22:58:43.2, KRSC, MOS, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like INK, YKA, PDAR, etc.

IDC 30 23:06:23.2:6.8, 1.76S-99.81E, h70km, 45km, mb3.4/5, mb1 3.6/6, mb1mx3.4/18, mbtmp3.7/6, ML3.3/1, Error ellipse: s-maj=132.6km s-min=23.9km az=53.0,

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PSI, WRA, SONM, etc.

NEIC 30 23:08:55.9:6.1, 15.50S-175.30W, h8km, 39km, mb4.6/1, Error ellipse: s-maj=46.1km s-min=11.6km az=152.0, IDC 30 23:08:55.3:1.3, 15.48S-175.36W, mb4.1/6, mb1 4.4/7, mb1mx4.2/14, mbtmp4.1/7, ML2.6/1, MS4.2/18, Ms1.4/2.18, ms1mx4.2/20, Error ellipse: s-maj=62.5km s-min=21.2km az=152.0,

ISC 30 23:08:57.3:0.9, 15.65S-175.2W, 0.2, h33km, n36, 1541/15, mb4.1/8, MS4.3/14, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AFI, RAO, RAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like HNR, TBI, RPZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like TAOE, RKT, STKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA, GUMO, MJAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PLCA, YKA, SONM, etc.

MAN 30 23:10:35.2, 13.70N-122.82E, h12km, mb3.8, ML2.5, MS2.1, 1C, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AUQP, GOP, BOAC, etc.

IDC 30 23:17:34.5:4.0, 52.77N-34.56W, mb3.8/7, mb1 4.0/8, mb1mx3.7/27, mbtmp3.8/8, ML3.8/1, MS3.0/3, Ms1 3.0/3, ms1mx2.7/24, Error ellipse: s-maj=100.2km s-min=25.2km az=17.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like EKA, NOA, HFS, etc.

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

comp=Z,35nm,21.0s,baz=258,slow=31 0.6nm,0.7s,baz=304,slow=9.6,SNR=5.5 1.7nm,0.7s,baz=270,slow=7.4,SNR=5.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like INK, BRTR, ILAR, etc.

comp=N,1.1nm,0.3s,baz=7.4,slow=22,SNR=34 comp=N,1.2nm,0.3s,baz=289,slow=25,SNR=43

comp=N,0.2nm,0.3s,baz=151,slow=14,SNR=6.3 comp=N,1.9nm,0.7s,mb3.6,baz=171,slow=9.0,SNR=5.5

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AFI, RAO, RAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like HNR, TBI, RPZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like TAOE, RKT, STKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA, GUMO, MJAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PLCA, YKA, SONM, etc.

MAN 30 23:10:35.2, 13.70N-122.82E, h12km, mb3.8, ML2.5, MS2.1, 1C, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AUQP, GOP, BOAC, etc.

IDC 30 23:17:34.5:4.0, 52.77N-34.56W, mb3.8/7, mb1 4.0/8, mb1mx3.7/27, mbtmp3.8/8, ML3.8/1, MS3.0/3, Ms1 3.0/3, ms1mx2.7/24, Error ellipse: s-maj=100.2km s-min=25.2km az=17.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like EKA, NOA, HFS, etc.

ISC Computed Locations for November 2005

