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

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Addendum

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

IDC 01 00:14:51.9, 1.2, 39.83N-16.30E, mb3.7/6, mb1 3.8/1.3, mb1mx3.7/27, ML3.4/6, MS3.0/2, M1 3.1/2, ms1mx2.6/25, Error ellipse: s-maj=17.5km s-min=13.8km az=77.0

ROM 01 00:14:53.0, 4.0, 39.60N-16.14E, h10km, km3, MD3.2/11, ML3.3/12, Error ellipse: s-maj=2.4km s-min=1.3km az=90.0

NEIC 01 00:14:53.4, 39.60N-16.14E, h10km, MD3.3(PDG), MD3.2(ROM), After ROM

PDG 01 00:14:54.7, 1.0, 39.59N-16.20E, h40km, 11km

THE 01 00:14:58.4, 39.70N-16.42E, h20km

ISC 01 00:14:54.8, 3.9, 39.69N, 16.02, 16.18E, 0.02, h53km, 6km, n104, n116/147, mb3.7/5, MS2.9/2, MS3.6/5C, Southern Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: IDI, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the IDI region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Hokkaido region.

JMA 01 00:22:27.8, 0.1, 43.54N, 145.95E, h83km, 1km, M3.5

ISC 01 00:22:27.9, 2.0, 43.56N, 109.146E, 0.1, h80km, 1km, n7, n047/14, 4C-1D, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Hokkaido region.

NEIC 01 00:24:27.8, 3.9, 33.24S, 176.43W, h38km, 32km, mb4.6/2, Error ellipse: s-maj=31.5km s-min=21.6km az=218.0

IDC 01 00:24:29.6, 5.5, 33.59S, 176.36W, h59km, 64km, mb3.8/3, mb1 4.2/4, mb1mx3.9/11, ML3.8/11, MS3.6/2, M1 3.6/2, M1 3.6/2, mb1mx3.3/14, Error ellipse: s-maj=96.1km s-min=35.4km az=166.0

ISC 01 00:24:33.1, 6.4, 34.1S, 176.4W, 0.2, h113km, 14km, n27, n113/25, mb4.2/5, 1C-1D, South of Herdwick Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the South of Herdwick Islands region.

NEIC 01 00:24:41.6, 15.18N-94.58W, h16km, MD3.9(MEX), After MEX

MEX 01 00:24:41.6, 0.9, 15.18N-94.58W, h16km, 14km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Near coast of Oaxaca region.

GUC 01 01:37:31.2, 0.7, 34.94S, 70.44W, h5km, MD3.7, ML2.3, 2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Chile-Argentina border region.

NEIC 01 02:23:29.9, 2.2, 4.71S, 153.60E, mb4.4/1, Error ellipse: s-maj=40.2km s-min=20.9km az=83.0

IDC 01 02:23:31.2, 8.6, 4.74S, 153.53E, h143km, 58km, mb3.6/4, mb1 3.9/5, mb1mx3.5/15, Error ellipse: s-maj=72.1km s-min=31.7km az=78.0

ISC 01 02:23:29.0, 5.4, 4.75S, 0.2, 153.6E, 0.3, h145km, 39km, n8, n063/9, mb4.0/5, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the New Ireland region.

SOF 01 02:46:15.6, 45.59N-27.04E, h20km, MD3.0

BUC 01 02:46:20.6, 1.1, 45.12N-27.34E, h44km, MD2.8, 1C-3D, Error ellipse: s-maj=17.9km s-min=12.1km az=62.0, Romania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Romania region.

NEIC 01 02:48:24.5, 34.13S, 72.27W, h39km, MD3.6(GUC), After GUC

GUC 01 02:48:24.5, 0.7, 34.13S, 72.27W, h39km, 2km, MD3.6, ML2.6, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Near coast of central Chile region.

NIED 01 02:49:00.7, 37.00N, 141.90E, h35km, Mw5.7, Best double couple: M3.62x1017 NP1.9x20, 867, 1.82, NP2.9x220, 824, 1.09

BUI 01 02:49:25.9, 36.94N-141.56E, h32km, mb5.5, mb5.3, Ms5.4, Msz5.3

JMA 01 02:49:26.0, 0.2, 36.92N-141.78E, h31km, 3km, Ms5.6, JMA Fell III J1

MOS 01 02:49:28.7, 0.9, 37.17N-141.56E, h41km, mb5.6/68, Ms5.6/37, Error ellipse: s-maj=7.3km s-min=4.7km

NEIC 01 02:49:28.6, 0.1, 36.96N-141.61E, mb5.3/120, Ms5.1/88, Mw5.6, Mw5.7(NIED), Error ellipse: s-maj=3.9km s-min=2.8km az=162.0, Moment Tensor Solution. s35

Moment tensor: Scale 10^17Nm; Mr1.73; Mw-0.52; Mw-1.21; Mw0.73; Mw-0.58; Mw2.43; Best double couple: M3x1017 NP1.9x217, 817, 1.107, NP2.9x19, 874, 1.85, Principal axes: T.3.13, P1g61, Azm282; N-2.4, P1g5, Azm20; P-2.89, P1g29; Azm113;

NEIC 01 02:49:35.0, 38.28N-140.77E, h33km, mb5.7

IDC 01 02:49:28.0, 0.1, 36.97N-141.80E, h31km, Mw5.7/73, Centroid moment tensor solution. LP body waves: s59, c133; Mantle waves: s73, c164; LL duration: 197

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations in the Centroid moment tensor solution region.

CD2	Chengdu	31.89 270	P	P	02 55 49.4	-2.0
CD2			PPP	PPP	02 57 10.5	-2.1
CD2			S	S	03 00 49.5	-9.1
CD2			XS	XS	03 01 14.9	
CD2			AMB	AMB		
CD2	comp=Z,70nm,0.9s,mb5.5					
CD2	comp=Z,790nm,6.9s					
CD2	comp=Z,8um,13.2s,MS5.6		LR	LR		
MOY	Monday	32.17 310	eP	P	02 55 53.0	-0.6
GTA	Gaotai	32.80 287	IP	P	02 55 59.0	-0.2
GTA			AP	pP	02 56 07.8	-1.6
GTA			XP	sP	02 56 12.3	-1.7
GTA			PP	PP	02 57 08.7	+0.2
GTA			PPP	PPP	02 57 25.4	+0.2
GTA			PCP	PCP	02 58 44.3	+0.5
GTA			S	S	03 01 12.8	+0.1
GTA			XS	XS	03 01 29.9	
GTA			SCP	SCP	03 02 23.6	
GTA			PCS	PCS	03 02 27.3	
GTA			SS	SS	03 03 12.5	+0.2
GTA			SScS	SScS	03 06 22.7	+0.4
GTA			AMB	AMB		
GTA	comp=Z,329nm,7.2s		LR	LR		
GTA	comp=N,2um,16.7s,MS5.0		LR	LR		
GTA	comp=E,2um,17.9s,MS5.0		LR	LR		
GTA	comp=Z,3um,24.3s		LR	LR		
QIZ	Qiongzong	33.08 246	P	P	02 56 02.4	+0.6
QIZ			XP	sP	02 56 15.6	-1.1
QIZ			S	S	03 01 20.3	+3.0
QIZ			XS	XS	03 01 35.5	
QIZ			AMB	AMB		
QIZ	comp=Z,28nm,1.3s,mb5.0					
QIZ	comp=Z,595nm,8.4s		LR	LR		
QIZ	comp=N,3um,17.9s		LR	LR		
QIZ	comp=Z,3um,19.3s,MS5.1		LR	LR		
QIZ	Qiongzong	33.08 246	eP	P	02 56 03.3	+1.4
QIZ	Qiongzong	33.08 246	eP	P		
QIZ	comp=Z,19nm,0.8s,mb5.0		LR	LR		
KMI	comp=Z,4um,19.0s,MS5.1		LR	LR		
KMI	Kunming	35.16 262	IP	eP	02 56 18.6	-1.0
KMI			AP	pP	02 56 29.4	+0.5
KMI			XP	sP	02 56 33.3	-1.2
KMI			PP	PP	02 57 40.6	+1.6
KMI			S	S	03 01 47.7	-1.7
KMI			XS	XS	03 02 08.0	
KMI			SS	SS	03 04 04.0	-2.6
KMI			AMB	AMB		
KMI	comp=Z,100nm,1.1s,mb5.7					
KMI	comp=Z,642nm,6.5s		LR	LR		
KMI	comp=N,3um,18.6s,MS5.3		LR	LR		
KMI	comp=E,5um,22.4s,MS5.3		LR	LR		
KMI	comp=Z,8um,21.1s,MS5.3		LR	LR		
TIXI	Tiksi	35.42 353	eP	P	02 56 17.8	-3.6
TIXI			eS	S	03 01 50.2	-2.7
TIXI			eSS	SS	03 04 04.0	-8.1
TIXI			pmax	pmax		
TIXI	comp=Z,31nm,1.4s,mb5.0					
TIXI	Khon Kaen	35.42 353	eP	P	02 56 20.9	-0.5
KKTK		39.98 250	PG	P	02 57 02.0	+2.0
KKTK			SG	Px	02 59 11.0	
WMQ	Urumqi	41.08 297	P	P	02 57 09.5	+0.6
WMQ			AP	pP	02 57 19.3	0.0
WMQ			XP	sP	02 57 23.2	-0.6
WMQ			PP	PP	02 58 47.8	+1.1
WMQ			XS	XS	03 03 35.5	
WMQ			AMB	AMB		
WMQ	comp=Z,34nm,1.4s,mb4.8					
WMQ	comp=Z,545nm,9.7s		LR	LR		
WMQ	comp=N,1um,19.0s,MS5.2		LR	LR		
WMQ	comp=E,4um,22.0s,MS5.2		LR	LR		
WMQ	comp=Z,5um,22.0s,MS5.3		LR	LR		
CHG	Chiang Mai	41.48 256	IP	P	02 57 12.2	-0.2
CM31	Chiang Mai Arr	41.68 256	eP	P	02 57 13.6	-0.5
CM31	comp=Z,15nm,0.7s,mb4.7		LR	LR		
CM31	comp=Z,5um,20.0s,MS5.4		LR	LR		
CMAR	Chiang Mai Arr	41.68 256	P	P	02 57 13.7	-0.4
CMAR	comp=Z,15nm,0.9s,mb4.6,baz=48,slow=5.8,SNR=62		S	S	03 03 26.8	-1.4
CMAR	comp=Z,0.7nm,0.4s,baz=127,slow=36,SNR=2.5				03 16 40.6	
CMAR	comp=Z,5um,18.4s,MS5.4,baz=55,slow=39					
CMAR	Chiang Mai Arr	41.68 256	P	P	02 57 13.7	-0.4
CMAR			S	S	03 03 26.8	-1.4
CMAR	comp=Z,15nm,0.9s		pmax	pmax		
CMAR	comp=Z,15nm,0.9s		MLR	MLR		
ZAL	Zalesovo	42.16 312	P	P	02 57 16.9	-0.7
ZAL	comp=Z,5um,18.4s					
ZAL	comp=Z,54nm,0.9s,mb5.2,baz=290,slow=7.6,SNR=98		S	S	03 03 33.4	-1.3
ZAL	comp=Z,1.2nm,0.7s,baz=176,SNR=1.8		LR	LR		
ZAL	comp=Z,8um,18.1s,MS5.7,baz=294,slow=38				03 16 11.8	
ZAL	Zalesovo	42.16 312	P	P	02 57 16.9	-0.7
ZAL			S	S	03 03 33.4	-1.3
ZAL	comp=Z,54nm,0.9s		pmax	pmax		
ZAL	comp=Z,8um,18.1s		MLR	MLR		
ZAL	Zalesovo	42.16 312	P	P	02 57 16.9	-0.7
ZAL			S	S	03 03 33.4	-1.3
ZAL			LR	LR		
BDT	Bhumibol Dam	42.34 254	P	P	02 57 18.0	-1.5
NST	Nakhon Sawan	42.42 251	P	P	02 57 20.6	+0.4
LSA	Lhasa	42.43 275	P	P	02 57 21.4	+1.2
LSA			AP	pP	02 57 32.3	+1.7
LSA			PP	PP	02 59 04.1	+2.8
LSA			SS	SS	03 03 39.7	+0.6
LSA			AMB	AMB		
LSA	comp=Z,30nm,1.0s,mb4.9					
LSA	comp=Z,750nm,9.7s		LR	LR		
LSA	comp=N,840nm,20.8s,MS5.1		LR	LR		
LSA	comp=E,2um,16.7s,MS5.1		LR	LR		
LSA	comp=Z,3um,16.7s,MS5.3		LR	LR		
LSA	Lhasa	42.43 275	eP	P	02 57 21.3	+1.1
LSA	comp=Z,38nm,0.8s,mb5.1		LR	LR		
NVS	Novosibirsk	43.07 314	iP	P	02 57 23.7	-1.3
NVS			i	i	02 57 33.6	+1.3
NVS			i	i	03 03 48.7	+0.7
NVS			S	S	03 04 08.3	
NVS	comp=E,82nm,1.2s		pmax	pmax		
NVS	comp=Z,84nm,1.2s,mb5.3		pmax	pmax		
NVS	comp=N,72nm,2.9s		smax	smax		
NVS	comp=E,153nm,2.9s		smax	smax		
SHL	Shillong	43.62 270	iP	P	02 57 28.0	-1.9
SHL			S	S	03 03 55.2	-1.4
SHL			P	P	02 57 34.9	-0.7
MKAR	Makanchi Array	44.36 302	P	P	02 57 45.6	-0.4
MKAR	comp=E,72nm,0.9s,mb5.4,baz=88,slow=8.8,SNR=134		pP	pP		
MKAR	comp=E,36nm,0.7s,baz=86,slow=6.6,SNR=8.1		S	S	03 04 08.3	+1.3
MKAR	comp=E,0.6nm,0.9s,baz=334,slow=26,SNR=3.0		LR	LR	03 16 28.1	
MKAR	comp=E,3um,19.7s,MS5.2,baz=86,slow=37					
MKAR	Makanchi Array	44.36 302	P	P	02 57 34.9	-0.6
MKAR			PPP	PPP	02 57 45.6	-0.4
MKAR			S	S	03 04 08.3	+1.4

MKAR	comp=Z,72nm,0.9s		pmx	pmx		
MKAR	comp=Z,3um,19.7s		MLR	MLR		
NNT	Nongplab	44.65 248	P	P	02 57 30.0	+0.7
TTA	Tatalina	45.38 35	eP	P	02 57 44.0	+0.5
SVK	Sparrevohn	45.45 37	eP	P	02 57 45.1	+1.0
KURK	Kurchatov	46.17 308	P	P	02 57 49.5	-0.4
KURK	comp=Z,644nm,0.6s					
KURK	Kurchatov	46.17 308	eP	P	02 57 49.0	-0.9
KURK	comp=Z,126nm,1.1s,mb5.8		LR	LR		
IMA	Indian Mountain	46.67 30	eP	P	02 57 54.7	+1.1
RSO	Redoubt South	46.85 38	eP	P	02 57 56.0	+0.8
KDKA	Kodiak Island	47.42 42	PFAKE	LR	02 58 10.0	+1.3
KDKA	comp=Z,852nm,21.0s,MS4.7		LR	LR		
SPU	Mount Spurr	47.19 37	eP	P	02 57 58.3	+0.6
PKI	Pulchoki	47.90 276	eP	P	02 58 03.5	-0.4
PKI	comp=Z,158nm,1.0s,mb6.0					
KKN	Kakani	47.91 276	eP	P	02 58 03.9	-0.1
KKN	comp=Z,143nm,0.6s,mb6.2					
FIB	Fire Island	48.10 37	PFAKE	LR	02 58 20.0	+1.5
FIB	comp=Z,2um,22.0s,MS5.1		LR	LR		
DMN	Daman	48.13 276	eP	P	02 58 05.5	-0.1
DMN	comp=Z,180nm,1.0s,mb6.1					
GKN	Gorkh South	48.33 277	eP	P	02 58 07.1	-0.1
PGR	Palmer	48.58 37	eP	P	02 58 08.4	-0.2
PGR	comp=Z,2um,22.0s,MS5.0		LR	LR		
MCK	McKinley	48.60 34	eP	P	02 58 08.1	-0.7
MCK	comp=Z,12nm,1.0s,mb4.9		pmx	pmx		
MCK	McKinley	48.60 34	eP	P	02 58 08.1	-0.7
MCK	comp=Z,12nm,1.0s,mb4.9					
AAA	Alma-Ata	48.82 299	eS	S	02 58 10.0	-0.8
AAA			pmx	pmx	03 05 15.0	+4.6
AAA	comp=Z,1um,6.0s		smax	smax		
AAA	comp=N,2um,16.0s		smax	smax		
SML	Samuil	48.95 36	eP	P	02 58 11.0	-0.5
COLA	College	49.05 32	eP	P	02 58 14.9	+2.7
IPM	Iph	49.20 239	eP	P	02 58 14.0	-0.1
IPM	comp=E,35nm,1.0s,mb5.3					
KOLN	Koldanda	49.26 277	eP	P	02 58 14.3	0.0
KOLN	comp=E,247nm,1.1s,mb6.1					
ILAR	Eielson Array	49.47 32	P	P	02 58 14.1	-1.3
ILAR	comp=E,18nm,0.8s,mb5.2,baz=267,slow=5.9,SNR=81		pP	pP	02 58 24.4	-1.5
ILAR	comp=E,15nm,0.8s,baz=268,slow=5.5,SNR=11				03 05 19.9	+0.8
ILAR	comp=E,0.2nm,0.9s,baz=45,slow=2.0,SNR=2.6					
ILAR	Eielson Array	49.47 32	P	P	02 58 14.1	-1.3
ILAR			IP	pP	02 58 24.5	-1.4
ILAR			S	S	03 05 19.9	+0.8
ILAR			pmx	pmx		
TKM2	Tokmak 2	49.87 299	P	P	02 58 19.2	+0.4
TKM2	SNR=62					
THY	Trims Highway	50.04 34	eP	P	02 58 18.4	-1.4
KAKA	Kakadu	50.13 192	eP	P	02 58 16.6	-4.6
KAKA	comp=Z,68nm,0.9s,mb5.7					
DIV	Divide	50.23 37	eP	P	02 58 21.1	-0.3
DIV	comp=Z,168nm,1.1s,mb6.0		LR	LR		
DIV	comp=Z,5um,20.0s,MS5.5		LR	LR		
EYAK	Corodova Ski Ar	50.30 38	eP	P	02 58 21.6	-0.3
KBK	Karagaybulak	50.40 298	P	P	02 58 22.8	-0.1
KBK	SNR=39					
CHMS	Chumysh	50.44 299	P	P	02 58 22.8	-0.5
CHMS	SNR=12					
VOSK	Vostochnaya	50.51 312	P	P	02 58 22.4	-1.2
VOSK	comp=Z,143nm,1.5s,mb5.7		pmx	pmx		
VOSK	Vostochnaya	50.51 312	iP	P	02 58 22.5	-1.1
VOSK	Ospenovka	50.54 299	P	P	02 58 23.4	-0.5
VOSK	SNR=27					
FRU	Bishkek	50.58 299	eP	P	02 58 24.0	-0.3
FRU			e	e	03 05 44.0	
FRU	comp=Z,8um,19.0s,MS5.8		MLR	MLR		
KSH	Kashi	50.65 294	eP	P	02 58 26.0	+1.2
KSH			eAP	pP	02 58 36.4	+1.1
KSH			eXP	sP	02 58 40.8	+1.1
KSH			ePP	PP	02 59 43.9	+1.2
KSH			ePP	PP	03 00 22.3	+0.7
KSH			ePPP	PPP	03 01 20.7	+0.4
KSH			eSCP	SCP	03 03 35.8	
KSH			ePCS	PCS	03 03 39.5	
KSH			eS	S	03 05 36.4	+0.6
KSH			ePS	PS	03 05 44.0	-5.1
KSH			eXS	XS	03 05 53.8	
KSH			eSScS	SScS	03 08 10.7	+1.1
KSH			e			

OBN	comp=Z,3um,16.0s,MSS.6	MLR	MLR						
OBN	Obninsk 68.31 323	iP	P	03 00 25.2	-1.1				
OBN	comp=Z,3um,16.0s,MSS.6	LR	LR						
COR	Corvallis 68.30 58	eP	P	03 00 25.4	-1.5				
COR	comp=Z,46nm,1.0s,mb5.5								
COR	comp=Z,722nm,21.0s,MSS.4.9	LR	LR						
PUL	Pulkovo 68.39 330	eP	P	03 00 24.0	-2.7				
PUL	comp=Z,2.2um,1.0s,mb5.2	S	S	03 00 50.0					
PUL	comp=Z,3.0um,1.0s,mb5.2	S	S	03 02 58.7					
PUL	comp=Z,3.0um,1.1s,mb5.1	eP	P	03 09 24.6	+0.5				
PUL	comp=Z,109nm,0.6s,mb6.1	pmx	pmx						
PUL	comp=N,103nm,0.7s	pmx	pmx						
PUL	comp=E,196nm,1.3s	smx	smx						
PUL	comp=Z,91nm,14.3s	smx	smx						
PUL	comp=N,367nm,14.8s	smx	smx						
PUL	comp=E,490nm,11.3s	MLR	MLR						
PUL	comp=Z,4um,16.0s,MSS.7								
STKA	Stevens Creek 68.45 180	eP	P	03 00 26.8	+0.1				
STKA	comp=Z,8.5nm,0.8s,mb4.8,baz=344,slow=7.5,SNR=15	S	S	03 00 26.5	-1.1				
STKA	comp=Z,5.2nm,0.6s,mb4.7	iS	S	03 09 26.0	+0.7				
STKA	comp=Z,1.3nm,0.8s,baz=306,slow=12,SNR=2.5	PKPPK	P	03 09 25.1	-0.2				
STKA	comp=Z,4.3nm,1.1s,baz=280,slow=4.9,SNR=2.8	LR	LR	03 28 41.2					
STKA	comp=Z,1um,20.2s,MSS.1,baz=98,slow=35	LR	LR	03 29 04.7					
KAF	Kangasniemi 68.50 333	eP	P	03 00 25.9	-1.5				
KAF	comp=Z,23nm,0.4s,mb5.5	pmx	pmx						
KAF	comp=Z,23nm,0.4s,mb5.5	eP	P	03 00 25.9	-1.5				
FORT	Forrest 68.55 193	iP	P	03 00 27.4	-0.9				
MAK	Makhachkala 68.69 308	eP	P	03 00 29.0	+0.1				
MAK	comp=Z,158nm,0.6s,mb6.1	LR	LR	03 03 03.0					
MAK	comp=Z,1um,20.2s,MSS.1,baz=98,slow=35	eS	S	03 09 32.0	+0.0				
MAK	comp=Z,1um,6.5s	pmx	pmx						
MAK	comp=E,1um,12.0s	MLR	MLR						
MAK	comp=N,2um,13.0s	MLR	MLR						
EBG	Ellensburg 68.81 47	P	P	03 00 31.1	+1.5				
FINES	FINESS Array B 69.01 332	P	P	03 00 29.4	-1.1				
FINES	comp=Z,49nm,1.0s,mb5.4,baz=76,slow=7.9,SNR=76	LR	LR	03 33 00.2					
FINES	comp=Z,3um,19.0s,MSS.5,baz=237,slow=38	LR	LR						
FINES	FINESS Array B 69.01 332	P	P	03 00 29.4	-1.1				
FINES	comp=Z,49nm,1.0s	pmx	pmx						
FINES	comp=Z,3um,19.0s	MLR	MLR						
HBO	Huckleberry Mo 69.37 50	P	P	03 00 34.5	+1.5				
MOR8	Moi Rana 69.53 340	eP	P	03 00 31.4	-2.2				
MOR8	comp=Z,101nm,1.6s,mb5.5	AMB	AMB	03 00 34.1					
MOR8	comp=Z,6.9nm,1.0s,mb4.2	eP	P	03 00 42.9	-1.7				
DPW	Davenport 69.66 45	eP	P	03 00 34.2	+0.5				
HAWA	Hanford 69.69 47	LR	LR	03 00 36.1	+1.1				
NEW	Newport 70.06 44	eP	P	03 00 37.3	+0.1				
NEW	comp=Z,727nm,20.0s,MSS.4.9	LR	LR						
NEW	comp=Z,16nm,1.1s,mb4.9	LR	LR						
YBH	Yreka Blue Hor 70.24 52	eP	P	03 00 39.3	+0.9				
YBH	comp=Z,771nm,20.0s,MSS.0	LR	LR						
YBH	comp=Z,13nm,1.0s	pmx	pmx						
YBH	Yreka Blue Hor 70.24 52	eP	P	03 00 39.3	+0.9				
JMIC	Jan Mayen 70.28 350	eP	P	03 00 39.0	+0.8				
JMIC	comp=Z,13nm,1.1s,mb4.8	eS	S	03 09 46.6	+0.3				
JMIC	comp=Z,542nm,15.8s	AMS	AMS	03 35 30.4					
JMIC	Jan Mayen 70.28 350	eP	P	03 00 39.0	+0.8				
GOF	Gofitskoye 70.33 312	iP	P	03 00 38.0	-0.9				
GOF	comp=Z,542um,15.8s	pmx	pmx						
GOF	comp=Z,120nm,1.4s,mb5.6	pmx	pmx						
GOF	comp=Z,1um,4.0s	pmx	pmx						
VSU	Yasula 70.65 330	iP	P	03 00 40.0	-0.6				
LNOR	Linton Mounta 70.70 47	eP	P	03 00 42.3	+1.2				
SUMG	Summit 70.79 0	eP	P	03 00 41.8	+0.5				
WDC	Whiskeytown Da 70.96 53	eP	P	03 00 43.7	+0.9				
WDC	comp=Z,50nm,1.2s,mb5.3	pmx	pmx						
WDC	Whiskeytown Da 70.96 53	eP	P	03 00 43.7	+0.9				
WDC	comp=Z,16nm,1.0s,mb4.9	pmx	pmx						
ZEI	Tsey 71.04 310	iP	P	03 00 41.9	-1.4				
ZEI	comp=Z,16nm,1.0s,mb4.9	iPP	P	03 00 53.2	-1.0				
ZEI	comp=Z,16nm,1.0s,mb4.9	eS	S	03 03 20.0					
ZEI	comp=Z,16nm,1.0s,mb4.9	eS	S	03 09 56.0	+0.4				
ZEI	comp=Z,16nm,1.0s,mb4.9	ePS	PS	03 10 16.0	-12				
ZEI	comp=Z,300nm,8.0s	pmx	pmx	03 10 40.0					
ZEI	comp=Z,300nm,8.0s	MLR	MLR						
T12	Plekhanov 71.07 308	iP	P	03 00 43.0	-0.5				
T12	comp=Z,2um,17.0s,MSS.5	eS	S	03 09 58.0	+2.1				
T12	comp=N,1um,15.0s,MSS.5	MLR	MLR						
T12	comp=E,2um,15.0s,MSS.5	MLR	MLR						
NSS	Namsos 71.46 339	eS	S	03 09 58.6	-1.4				
NSS	comp=Z,2um,22.3s,MSS.4	AMS	AMS	03 38 49.7					
HOPS	Hopland 71.47 55	PFAKE	PFAKE	03 01 00.0	+1.4				
HOPS	comp=Z,1um,22.0s,MSS.2	LR	LR						
MOD	Modoc 71.66 51	eP	P	03 00 46.2	-0.7				
MOD	comp=Z,19nm,1.1s,mb4.9	LR	LR						
KLBR	Kellerberrin 71.75 201	iP	P	03 00 46.7	-0.9				
KLBR	comp=Z,781nm,21.0s,MSS.0								
OHCM	Honcut 72.32 54	eP	P	03 00 50.9	+0.1				
WVOR	Wild Horse Val 72.40 50	eP	P	03 00 52.1	+0.8				
WVOR	comp=Z,15nm,1.2s,mb4.8	LR	LR						
WVOR	comp=Z,1um,22.0s,MSS.2	LR	LR						
MSSO	Missoula 72.64 44	PFAKE	PFAKE	03 01 00.0	+7.4				
MSSO	comp=Z,432nm,20.0s,MSS.7	LR	LR						
TRON	Thronheim 72.72 339	eP	P	03 00 53.6	+0.9				
TRON	comp=Z,229nm,1.0s,mb5.2	eP	P	03 01 03.6	-0.1				
ASMM	Slate Mountain 73.12 54	eP	P	03 00 54.0	-1.6				
SOC	Sochi 73.13 312	iP	P	03 00 54.7	+0.9				
SOC	comp=Z,101nm,0.9s,mb5.8	eP	P	03 01 06.6	+0.1				
SOC	comp=Z,229nm,1.0s,mb5.2	ePPP	PPP	03 03 38.3					
SOC	comp=Z,229nm,1.0s,mb5.2	eS	S	03 05 19.8	-4.2				
SOC	comp=Z,229nm,1.0s,mb5.2	eS	S	03 10 18.6	-0.8				
SOC	comp=Z,229nm,1.0s,mb5.2	eS	S	03 10 59.1					
SOC	comp=Z,229nm,1.0s,mb5.2	eSS	SS	03 14 59.0	-4.4				
SOC	comp=Z,42nm,1.0s,mb5.3	pmx	pmx						
SOC	comp=N,8.0nm,0.9s	pmx	pmx						
SOC	comp=E,8.0nm,0.8s	MLR	MLR						
SOC	comp=Z,3um,18.0s,MSS.6	MLR	MLR						
SOC	comp=N,2um,20.0s,MSS.5	MLR	MLR						

SOC	comp=E,1um,16.0s,MSS.5	MLR	MLR						
WCN	Washoe City 73.45 53	eP	P	03 00 58.5	+0.9				
WCN	comp=Z,28nm,1.3s,mb5.0	pmx	pmx						
WCN	Washoe City 73.45 53	eP	P	03 00 58.5	+0.9				
WCN	comp=Z,28nm,1.4s,mb5.0	pmx	pmx						
FFC	Fin Flon 73.68 33	eP	P	03 00 57.9	-0.6				
FFC	comp=Z,30nm,1.0s,mb5.2	pmx	pmx						
FFC	Fin Flon 73.68 33	eP	P	03 00 57.9	-0.6				
FFC	comp=Z,30nm,1.1s,mb5.1	eP	P	03 01 07.5	-2.0				
FFC	comp=Z,229nm,22.0s,MSS.4	LR	LR						
CMB	Columbia Cole 73.75 55	eP	P	03 00 59.5	+0.1				
CMB	comp=Z,32nm,1.0s,mb5.2	pmx	pmx						
CMB	comp=Z,32nm,1.0s,mb5.2	eP	P	03 00 59.5	+0.2				
CMB	comp=Z,32nm,1.0s,mb5.2	eP	P	03 01 09.3	-1.0				
CMB	comp=Z,1um,21.0s,MSS.2	LR	LR						
ANN	Anapa 73.76 314	eP	P	03 00 57.5	-1.7				
ANN	comp=Z,111nm,1.4s,mb5.6	eS	S	03 01 11.8					
ANN	comp=Z,111nm,1.4s,mb5.6	eS	S	03 10 26.9	+0.4				
ANN	comp=Z,1um,21.0s,MSS.2	pmx	pmx						
ANN	comp=Z,2um,16.6s,MSS.4	MLR	MLR						
ANN	comp=N,3um,19.9s,MSS.6	MLR	MLR						
ANN	comp=E,1um,16.8s,MSS.6	MLR	MLR						
TOO	Toolangi 74.21 177	eP	P	03 01 02.7	+0.7				
TOO	comp=Z,5.4nm,0.8s,mb4.5	eP	P	03 01 01.1	-0.4				
DOMB	Dombras 74.22 339	eP	P	03 01 01.1	-0.4				
DOMB	comp=Z,70nm,1.1s,mb5.5	AMB	AMB	03 01 03.4					
HLID	Hailey 74.28 47	eP	P	03 01 03.2	+0.9				
HLID	comp=Z,10nm,1.1s,mb4.7	LR	LR						
HLID	comp=Z,645nm,22.0s,MSS.4.9	LR	LR						
NB2	NORSAR Subarra 74.36 337	P	P	03 01 01.9	-0.5				
NB2	comp=Z,93nm,0.7s,mb5.4,baz=40,slow=5.8	LR	LR						
NB2	NORSAR Subarra 74.36 337	P	P	03 01 01.9	-0.5				
NB2	comp=Z,93nm,0.7s,mb5.4,baz=40,slow=5.8	LR	LR						
NOA	NORSAR Array B 74.36 337	P	P	03 01 01.8	-0.6				
NOA	comp=Z,2.4nm,0.6s,mb5.3,baz=39,slow=5.9,SNR=86	LR	LR						
NOA	comp=Z,2.7nm,0.9s,baz=39,slow=5.8,SNR=7.6	LR	LR						
NOA	comp=Z,1.0nm,0.8s,baz=172,slow=3.1,SNR=2.3	LR	LR						
NOA	comp=Z,3um,21.8s,MSS.5,baz=40,slow=38	LR	LR						
NOA	NORSAR Array B 74.36 337	P	P	03 01 01.8	-0.6				
NOA	comp=Z,3um,21.8s,MSS.5,baz=40,slow=38	LR	LR						
NOA	comp=Z,2.4nm,0.6s	pmx	pmx	03 01 13.3	0.0				
NOA	comp=Z,3um,21.8s	MLR	MLR	03 10 34.6	+1.7				
NOA	NORSAR Array B 74.36 337	P	P	03 01 01.8	-0.6				
NOA	comp=Z,3um,21.8s	LR	LR	03 01 13.3	0.0				
NOA	comp=Z,3um,21.8s	LR	LR	03 10 34.5	+1.6				
NOA	comp=Z,3um,21.8s	LR	LR	03 36 12.8					
BMN	Battle Mountai 74.41 51	eP	P	03 01 04.4	+1.3				
BMN	comp=Z,23nm,1.1s,mb5.0								

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, SSPA Standing Stone, EPF Esparras, CAF Calvia, SSF Saint Saule, ESDC Sonseca Array, ESDC comp=2.2, 2.5nm, 0.7s, bazz=107, slow=1.5, SNR=7.2, ETSF Etsaut, NOA NORSTAR B152.31 306, TCF Touix Ste Croi, SJPF Ste Jean.

NEIC 01 05:04:32.8, 35.015N; 70.55W, h5km, ML3.0(GUC), After GUC.

GUC 01 05:04:32.8, 35.015N; 70.55W, h5km, MD3.8, ML3.0, SC-D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFDO San Fernando, NFDH Los Niches, NICH Cichipress, CACH El Canelo, CACH CHCH, CHCH Chadas Angostu, LMEL Las Melosas, LMEL comp=N, 366nm, 0.2s, LNV Longovio, LNV PCH, PCH Pirque, PCH TACH, TACH Talagante, ANTU Antumapu, ANTU comp=E, 386nm, 0.8s, RCDM Rinconada Maip, RCDM comp=E, 613nm, 0.2s, DSCH Colegio Aleman, DSCH comp=N, 388nm, 0.4s, CLCH Cerro Canal, CLCH comp=E, 294nm, 0.5s, FCH Farellones, FCH comp=E, 232nm, 0.2s, LCCH Las Cruces.

IDC 01 05:24:18.5; 2.1, 2.92S; 128.92E, mb3.6/2, mb1 3.9/3, mb1mx3.6/15, ML3.4/1, Error ellipse: s-maj=11.0km s-min=28.8km az=68.0, Ceram Sea

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

NEIC 01 07:16:06.2; 0.9, 13.98N; 145.61E, h106km, 7km, mb4.2/1, Error ellipse: s-maj=23.8km s-min=10.1km az=104.0, IDC 01 07:16:06.2; 3.6, 14.06N; 145.66E, h124km, 32km, mb3.5/1, mb1 3.7/10, mb1mx3.6/19, MS3.3/1, Ms1 3.3/1, ms1mx2.7/18, Error ellipse: s-maj=32.4km s-min=15.9km az=9.0

ISC 07:16:05.2; 0.9, 13.99N; 0.08-145.6E; 0.2, h109km, 7km, n18, <0.99/18, mb3.7/10, 1C, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, SAPP Saipan, ANA2 Anatahan, ANAT Anatahan, JOW Kunigami, NAKATSU Nakatsu Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA 1.0nm, 0.6s, mb3.9, bazz=22, slow=5.9, SNR=8.2, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, ILAR Eielson Array, YKA Yellowknife Arr, NVAR Mina Array Bea, NVAR Mina Array Bea, ARCES ARCESS Array B, FINES FINES Array B.

NEIC 01 07:29:40.0, 59.87N; 153.28W, h114km, After AEIC, IDC 01 07:29:43.0; 6.7, 60.29N; 153.14W, h135km, 64km, mb2.7/1, mb1 3.3/5, mb1mx3.0/23, Error ellipse: s-maj=57.1km s-min=25.4km az=35.0

ISC 01 07:29:37.6; 0.4, 59.87N; 0.03-153.22W; 0.06, h128km, 3km, n76, <0.97/40, mb3.2/1, Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILS Iliamna Low So, ILS Iliamna South, OPT Oliktina, ILIM Iliamna, AUL Augustine Lava, AUG Augustine Isla, AUG Augustine-Summ, AUG Augustine Isla, RSO Redoubt South, REF Redoubt East F, NCT North Crescent, DFR Drift River, RDT Redoubt, HOM Homer, MCNL McNeil River, CNMP Chena Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRKL Bradley Lake, BKG Blockade Glaci, CKL Chakachakama La, KAPH Katmai Pasha, SPUI Mount Spurr, BKN Chakachatna No, CGL Barrier Glacie, CRP Crater Peak, KRG Katmai Hook Gl, SLKM Skialak Lake, SVW Sarpvevohn, SVW Seward, SEW Seward, SEB Katmai Barrier, FIR Fire Island, MGLS Mageik LS, SUA Susitna One, MPA Moose Pass, ANCL Angle Creek, RC01 Rabbit Creek A, RC01 Rabbit Creek A, CAHL Cahili, KDAK Kodiak Island, KDAX Kodiak, KJL Kejulik, PMS Palmer South, PMR Palmer, LTR Latouche, KNK Knik Glacier, CHT College Hole Cre, CUT Chulitna, SML Sawmill, GLI Glacier Island, TTA Tatalina, TTT Tatalina, HIN Hincharbrook I, FID Fort Fidalgo, SCM Sheep Creek Mo, VLZ Valdez, EYAK Cordova Ski Ar, KTH Kantishna Hill, TRF Thorofare Moun, DIV Divide, KLU Klutina, SGAM Sherman Glacie, DHR Denali Highway, MCK McKinley, BMY Bremner River, GLB Gilahina Butte, WAX Waxell Ridge, HDA Harding Lake, CCB Clear Creek Bu, COLA College, ILAR Eielson Array, ILAR 3.2nm, 0.3s, bazz=216, slow=13, SNR=282, ILAR 1.1nm, 0.3s, bazz=217, slow=22, SNR=5.3, IL1 Eielson Array, IMA Indian Mountain, BC3A Beaver Creek A, BMD Burdett, BMS Burnt Mountain, DLBC Dease L, DLBC 0.7nm, 0.3s, bazz=273, slow=7.7, SNR=34, DLBC 0.1nm, 0.3s, bazz=267, slow=19, SNR=3.3, INK Inuvik, INK 0.1nm, 0.3s, bazz=217, slow=10, SNR=6.7, YKA Yellowknife Arr, SONM Songoing Array.

BER 01 07:39:43.5; 1.2, 59.42N; 13.33E, ML2.1(NAO), NAO 01 07:39:42.0; 3.8, 59.39N; 13.26E, ML2.1, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, HFS bazz=190, slow=18, HFS bazz=194, slow=37, NC6 NORSTAR Subarra, NC6 NORSTAR Subarra, NC2 NORSTAR Subarra, NC2 NORSTAR Subarra.

IDC 01 07:59:40.4; 3.5, 52.58N; 34.93E, mb1 3.3/3, mb1mx3.1/19, ML3.2/3, Error ellipse: s-maj=38.5km s-min=12.3km az=111.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG 1.0nm, 0.3s, bazz=65, slow=15, SNR=2.9, AKASG 2.0nm, 0.3s, bazz=55, slow=16, SNR=4.4, AKASG 1.4nm, 0.3s, bazz=340, slow=34, SNR=2.9, FINES FINES Array B, FINES 0.1nm, 0.3s, bazz=152, slow=15, SNR=2.7, FINES 0.2nm, 0.3s, bazz=162, slow=22, SNR=2.5, ARCES ARCESS Array B, ARCES 0.2nm, 0.3s, bazz=163, slow=9.4, SNR=9.7.

ATH 01 08:04:55.4, 36.66N; 28.67E, h33km, MD2.7/3, ISK 01 08:04:59.0, 36.73N; 28.74E, h23km, MD3.1, ISC 01 08:04:57.4; 0.8, 36.55N; 0.04-28.65E; 0.05, h28km, 5km, n13, <0.90/23, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALT Dalayan (Mudla), ARG Arkhangelos, ARG Yerkesik, YER Yerkesik, KSL Kastellorizon, MLSB Milas, ELL Eimali, BDRM Kayabasi, BDRM Dnizl, DNZL Denizli, AYDN Tasoluk, AYDN Karpathos, MANT Marisa, KDGAD Bornova, KDGAD 0.1nm, 0.3s, bazz=163, slow=9.4, SNR=9.7.

JMA 01 08:21:46.2; 0.3, 21.54N; 124.24E, h48km, M3.8, Southeast of Taiwan

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IRIF Iriomote-Funau, IRIF Iriomote-Funau, JTJ Tarama, YONJ Yonaguni jima, YONJ Yonaguni jima, JKE Kume jima 2.

HEL 01 08:22:53.0; 5.2, 59.80N; 22.32E, ML2.0, ML2.6(UPP), ML2.2(NAO), Explosion, BER 01 08:22:53.5; 5.8, 59.87N; 22.19E, ML2.2(NAO), Suspected explosion, IDC 01 08:22:54.4; 1.6, 59.92N; 22.28E, mb1 2.9/4, mb1mx2.9/21, ML2.0/4, Error ellipse: s-maj=21.8km s-min=6.3km az=153.0

NAO 01 08:22:55.8; 2.5, 60.14N; 22.07E, ML2.2, ISC 01 08:22:52.0; 5.9, 59.94N; 0.07-22.32E; 0.06, n22, <0.15/27/33, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAL Aland, PAF Pernaja, NRTU Norrtalje, NRTU Norrtalje, FLYU Flymyra, FINES FINES Array S, FIAO comp=2.6, 5nm, 0.1s, FIAO FINES Array S, FIAO bazz=232, slow=37, FIAO bazz=226, slow=37, FINES FINES Array A, FINES 2.32, 49 Pn, FINES comp=2.4, 7nm, 0.3s, bazz=234, slow=22, SNR=26, NYNU Nynaeshamn, KEF Keuruu, KEF comp=2.3, 2nm, 0.1s, BACU Backbrunna, VJF Virojoki, VJF Virojoki, VASU Vasula, KAF Kangasniemi, NORA Nora, NSKU Oskarshamn, HFS Hagfors, HFS 4.33, 276 Pn, HFS comp=2.0, 1nm, 0.3s, bazz=108, slow=12, SNR=11, HFS comp=2.0, 2nm, 0.3s, bazz=96, slow=15, SNR=11, HFS Hagfors, HFS comp=2.0, 3nm, 0.3s, bazz=93, slow=30, SNR=6.8, HFS bazz=129, slow=12, HFS bazz=101, slow=18, HFS bazz=100, slow=28, NOA NORSTAR Array B, NOA 5.60, 286 Pn, NOA comp=2.0, 3nm, 0.3s, bazz=95, slow=13, SNR=2.5, NOA comp=2.0, 6nm, 0.3s, bazz=118, slow=7.6, SNR=4.4, ARAO ARCESS Array S, ARAO 9.73, 7 Pn, ARAO bazz=186, slow=16, ARAO bazz=192, slow=28, ARAO bazz=176, slow=37, ARAO ARCESS Array S, ARAO 9.73, 7 Pn, ARCES ARCESS Array B, ARCES 9.73, 7 Pn, ARCES comp=2.0, 2nm, 0.3s, bazz=184, slow=14, SNR=13, ARCES comp=2.0, 1nm, 0.3s, bazz=191, slow=24, SNR=3.4.

IDC 01 08:26:22.9; 1.8, 16.59S; 179.47E, mb3.8/5, mb1 4.1/5, mb1mx3.9/14, Error ellipse: s-maj=215.0km s-min=25.7km az=150.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, NVAR Mina Array Bea, TXAR Lailias Array, PDAR Pinedale Array.

IDC 01 08:33:09.0; 1.2, 15.58S; 179.01E, mb4.1/10, mb1 4.4/10, mb1mx4.3/15, MS3.9/11, Ms1 3.9/11, ms1mx3.7/21, Error ellipse: s-maj=69.5km s-min=18.6km az=150.0, NEIC 01 08:33:14.7; 0.5, 15.49S; 178.92E, h35km, mb4.4/2, Error ellipse: s-maj=29.1km s-min=12.8km az=146.0, ISC 01 08:33:13.1; 0.7, 15.55; 0.2-178.9E; 0.2, h33km, n22, <0.80/13, mb4.1/12, MS3.9/11, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, PPT Papeete, PPT Papeete, TBI Tuihau, TBI Tuihau, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR 2.0nm, 0.7s, mb3.9, bazz=80, slow=8.8, SNR=7.2, NVAR Mina Array Bea, FITZ Fitzroy Crossi, CBJ Chichi jima, QSPA South Pole Qui, YBH Yreka Blue Hor, NVAR Mina Array Bea, NVAR 1.2nm, 0.8s, mb3.9, bazz=214, slow=7.4, SNR=8.0, NVAR comp=2.89nm, 19.4s, MS4.1, bazz=270, slow=30, Eielson Array, ILAR 1.8nm, 0.9s, mb4.2, bazz=239, slow=7.0, SNR=9.5, ILAR comp=2.31nm, 18.2s, MS3.7, bazz=66, slow=33, CMAR Chiang Mai Arr, TXAR Lailias Array, TXAR Lailias Array, TXAR Lailias Array, TXAR Pinedale Array, TXAR 1.2nm, 0.8s, mb4.2, bazz=207, slow=3.3, SNR=5.6.

SONM Sogingo Array 90.03 320 P P 08 46 11.2 +0.4
YKA Yellowknife Arr 93.24 25 LR LR 09 23 17.0
PLCA Paso Flores 94.89 134 LR LR 09 18 06.7
GERES GERES Array B 144.57 343 PKP PKPdf 08 52 47.0 +0.7

TAP 01 08:45:30.0, 21.27N, 119.98E, h62km, 2km, ML3.6

IDC 01 08:45:27.4, 1.2, 21.14N, 120.47E, mb3.6/4, mb1, mx3.6/19, MS3.0/1, Ms1 3.2/1, ms1mx2.5/20, Error ellipse: s-maj=62.4km s-min=24.3km az=75.0, Taiwan region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
CMAR Chiang Mai Arr 20.43 266 LR LR 08 59 38.0
MKAR Makanchi Array 40.12 319 P P 08 53 04.7 -1.9
WRA Warramunga Arr 43.03 161 P P 08 53 28.6 -2.1

IDC 01 08:55:17.0, 6.1, 17.30S, 178.97W, h537km, 73km, mb3.5/8, mb1 3.8/8, mb1mx3.6/15, Error ellipse: s-maj=73.5km s-min=22.4km az=156.0

NEIC 01 08:55:17.8, 1.9, 17.73S, 178.80W, h561km, 21km, mb3.8/6, Error ellipse: s-maj=27.6km s-min=11.7km az=151.0

ISC 01 08:55:20.1, 3.7, 17.75S, 179.0W, 0.2, h600km, 47km, n24, 0.953/19, mb3.8/13, 2D, Fiji Islands region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
DZM Mont Dzum 14.40 250 eP P 08 58 22.1 +0.3
ARMA Armadale 29.60 239 eP P 09 00 40.2 +0.4
CTAO Charters Tower 32.96 260 P P 09 01 08.0 +0.3
STKA Stephens Creek 38.28 241 jP P 09 01 52.8 +0.8

NEIC 01 09:31:34.7, 45.93S, 167.03E, h81km, ML4.0(WEL), After WEL

NEIC Felt at Riverton. WEL 01 09:31:33.7, 0.3, 45.88S, 166.93E, h83km, 1km, ML4.0/6, 2C, Error ellipse: s-maj=2.6km s-min=1.5km az=90.0, Off west coast of South Island

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
DCZ Deep Cove 0.43 22 PN P 09 31 46.9 -0.3
DCZ Wether Hill Ro 0.71 92 jPN P 09 31 49.5 -0.4
WHZ Wether Hill Ro 0.71 92 jPN P 09 32 00.8 -1.2

IDC 01 09:45:50.2, 5.0, 43.82N, 148.10E, h80km, 42km, mb3.4/5, mb1 3.5/6, mb1mx3.3/23, ML2.7/1, Error ellipse: s-maj=99.7km s-min=28.1km az=175.0

ISC 01 09:45:49.8, 4.1, 44.0N, 0.7, 148.0E, 0.3, h85km, 36km, n6, 0.25/6, mb3.5/5, East of Kuril Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ASAJ Asahikawa 3.93 274 P P 09 46 49.2 +0.1
SONM Sogingo Array 28.99 293 P P 09 51 43.3 +0.1
ILAR Eielson Array 40.94 36 P P 09 53 24.4 -0.6

PGC 01 09:54:59.0, 64.85N, 139.19W, h1km, ML2.6/3, 1D, Ogilvie Mountains, Yukon Territory, Southern Yukon Territory

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
DAWY Dawson 0.79 186 jP P 09 55 13.3 -1.5
DAWY Dawson 0.79 186 jP P 09 55 23.3 -2.2
INIK Inuvik 4.14 31 Pn Pn 09 56 02.6 -2.3

INIK comp=2.4, 0nm, 0.3s Trac 09 57 18.1
WHY Whitehouse 4.65 153 Pn Pn 09 56 10.2 -1.8
WHY Whitehouse 4.65 153 Pn Pn 09 57 03.4 -4.1

MDD 01 10:08:04.6, 1.4, 36.71N, 7.48W, h6km, 7km, mbLg2.3/10, Error ellipse: s-maj=9.7km s-min=7.7km az=22.0, PRXIMO

INMG 01 10:08:04.4, 1.0, 36.68N, 7.41W, h12km, 5km, ML2.5, Error ellipse: s-maj=5.4km s-min=4.1km az=156.0, Strait of Gibraltar

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
PALC Alcouthim 0.79 356 eP P 10 08 18.4 -1.9
PALC Alcouthim 0.79 356 eP P 10 08 29.3 -1.6
PALC Alcouthim 0.79 356 eP P 10 08 18.4 -1.9
EGRO El Granado 0.86 356 P P 10 08 20.1 -1.6

KRSC 01 10:08:27.2, 1.7, 49.34N, 156.09E, h67km, 17km, ML4.2, Kuril Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
SKR Severo-Kuril's 1.34 1 iP P 10 08 53.0 +2.5
SKR Severo-Kuril's 1.34 1 iP P 10 08 56.6 -1.2
ALID Alaid 1.57 347 eP P 10 08 52.9 -0.7

MDD 01 10:14:56.7, 1.8, 36.68N, 7.52W, h7km, 11km, mbLg1.7/5, Error ellipse: s-maj=13.5km s-min=12.1km az=84.0, PRXIMO

INMG 01 10:14:57.2, 1.2, 36.71N, 7.60W, ML1.8, Error ellipse: s-maj=7.7km s-min=6.5km az=131.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
PALC Alcouthim 0.78 3 eP P 10 15 11.0 +0.3
PALC Alcouthim 0.78 3 eP P 10 15 21.6 +0.5
PALC Alcouthim 0.78 3 P P 10 15 11.0 +0.3
EGRO El Granado 0.85 2 P P 10 15 13.5 +1.4

PBEJ 8.1nm, 0.2s eS Sb 10 15 39.3 +1.1
PBEJ Beja 1.37 348 P S Pb 10 15 21.6 +0.9
PBEJ Beja 1.37 348 P S Pb 10 15 39.3 +1.1

NEIC 01 10:18:39.0, 0.5, 51.85N, 179.33E, h102km, 4km, mb4.3/10, Error ellipse: s-maj=13.0km s-min=5.7km az=180.0

IDC 01 10:18:42.1, 8.0, 52.00N, 179.37E, h124km, 74km, mb3.7/14, mb1 4.0/14, mb1mx3.7/27, Error ellipse: s-maj=34.0km s-min=11.7km az=175.0

ISC 01 10:18:38.0, 0.6, 52.0N, 0.1, 179.34E, 0.05, h105km, 4km, n54, 0.985/57, mb4.1/22, Rat Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
KIMD Kanaga Island 2.13 94 P P 10 19 13.2 +0.1
KIVK Kanaga Island 2.16 90 P P 10 19 13.6 +0.1
KINW Kanaga Island 2.18 91 P P 10 19 13.7 0.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HFS, NOA, ARAO, ARCS, etc.

MAN 01 10:23:18.0, 18.75N-120.73E, h30km, mb3.5, ML2.2, MS1.6, Luzon

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

IDC 01 10:54:41.1±0.8, 55.99S×26.32W, mb4.3/5, mb1 4.4/5, mb1mx4.2/12, MS3.5/2, Ms1 3.5/2, ms1mx3.3/12, Error ellipse: s-maj=37.5km s-min=23.0km az=48.0

NEIC 01 10:54:53.2±3.1, 56.17S×26.93W, h49km, 2.7km, mb4.3/7, Error ellipse: s-maj=28.1km s-min=10.0km az=220.0

ISC 01 10:54:51.9±3.7, 56.15S±0.2±2.1W, 0.3, h95km, 33km, n25, 0.15/14/7, mb4.1/8, 3C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VNA1, VNA3, VNA2, etc.

ISC 01 11:06:14.8, 34.64N-32.59E, h5km, MD3.8, ML3.8 NIC 01 11:06:16.2±0.4, 34.566N-32.44E, h31km, ML3.7, MW3.6 NIC 01 11:06:18.8±5.8, 34.44N-31.66E, h33km, 54km, mb3.6/2, mb1 3.7/7, mb1mx3.5/21, ML3.7/5, Error ellipse: s-maj=44.6km s-min=25.5km az=63.0

IDC 01 11:06:20.6±0.9, 34.61N-32.58E, h25km, 30km, ML3.3/7, Mw3.2/9

ISC 01 11:06:16.3±0.9, 34.61N-0.02±32.54E±0.04, h12km, 6km, n42, 0.1900/56, mb3.8/2, 1D, Cyprus region

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

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

NIED 01 11:07:00.28-80N:129.80E, h20km, Mw5.1 Best double couple: Ms5.5x10^16 NP1:phi=314°, delta=0°, lambda=125°. NP2: phi=189°, delta=45°, lambda=45°

JMA 01 11:07:20.9±0.1, 28.85N:129.85E, h45km, M5.2 JMA Fell III J1

MOS 01 11:07:23.8±1.1, 29.22N:129.78E, h33km, mb5.4/4, MS4.9/5, Error ellipse: s-maj=32.9km s-min=14.6km az=91.2

HRVD 01 11:07:24.1±0.3, 28.82N:129.97E, h15km, 1km, MW5.2/62, Centroid moment Tensor Solution. LP body waves: s34,c44; Mantle waves: s62,c114; Half duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.44±.15; Mw=0.23±.11; Mbb1.21±.12; Mbb6.03±.74; Mbb-3.37±.10; Mbb1.65±.44; Best double couple: Ms7.02x10^16 NP1: phi=170°, delta=0°, lambda=117°. NP2: phi=270°, delta=0°, lambda=120°. Principal axes: T=6.03, P=3.37, N=1.98, P=3.01, P=3.01, Azm151°, Azm151°, nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

IDC 01 11:07:23.8±1.1, 29.22N:129.78E, h33km, mb5.4/4, MS4.9/5, Error ellipse: s-maj=32.9km s-min=14.6km az=91.2

NEIC 01 11:07:24.1±0.8, 28.78N:130.10E, h51km, 7km, mb4.9/24, MW5.1(NIED), Error ellipse: s-maj=8.0km s-min=5.9km az=120.0

NEIC Recorded [3 JMA] on Nakano-shima; [2 JMA] on Amami-oshima and Kikaga-shima; [1 JMA] on Kuchino-shima

ISC 01 11:07:21.8±0.2, 28.80N-0.02±130.22E±0.03, h51km, h51km, 6.0km, pp-P, n159, 0.1534/163, mb4.7/44, MS4.8/18, 6C-4D, Ryukyu Islands

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

ISC 01 11:07:21.8±0.2, 28.80N-0.02±130.22E±0.03, h51km, h51km, 6.0km, pp-P, n159, 0.1534/163, mb4.7/44, MS4.8/18, 6C-4D, Ryukyu Islands

ISC 01 11:07:21.8±0.2, 28.80N-0.02±130.22E±0.03, h51km, h51km, 6.0km, pp-P, n159, 0.1534/163, mb4.7/44, MS4.8/18, 6C-4D, Ryukyu Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CN2, MDJ, BJT, etc.

ASAR Alice Springs 43.38 198 P P 11 51 33.3 -1.8
CMAR Chiang Mai Arr 45.86 279 P P 11 51 53.5 -1.6
MKAR R Matkanchi Array 60.10 314 P P 11 53 38.6 -1.8
ILAR Eielson Array 63.64 26 P P 11 54 02.1 -1.8
FINES FINESSE Array B 86.22 336 P P 11 56 20.2 -2.7

WEL 01 11:51:59.4+0.3, 45.059S*167.42E, h94km, 3km, ML4.3/7, 2C-4D, Error ellipse: s-maj=2.9km s-min=1.5km az=90.0, South Island

Code Station Name Az AZZ Phase ID Time Res
DCZ Deep Cove 0.53 205 PN ISC 11 52 13.6 +0.6
MSZ Milford Sound 0.45 41 UPN P 11 52 15.0 -0.1
MSZ Mavora Lakes 0.59 116 UPN P 11 52 26.2 -0.7
WHZ Wether Hill Ro 0.89 155 UPN P 11 52 31.9 -0.6
WKZ Wanaka 1.17 78 UPN P 11 52 21.3 -0.4

MOS 01 12:02:29.8+0.7, 17.84N:146.75E, h33km, mb5.8/20, MS5.0/16, Error ellipse: s-maj=26.1km s-min=7.7km az=115.4

IDC 01 12:02:30.2+2.4, 17.91N:147.17E, h27km, 15km, mb5.0/24, mb1 5.0/27, mb1mx5.0/28, ML4.7/3, MS4.7/24, Ms1 4.7/24, ms1mx4.6/29, Error ellipse: s-maj=15.9km s-min=11.0km az=81.0

BJI 01 12:02:32.3, 18.21N:146.93E, h41km, mb5.5, mb5.2, Ms5.0, Msz4.8

HRVD 01 12:02:34.4+0.2, 17.91N:147.43E, h15km, MW5.4/65, Centroid moment Tensor Solution. LP body waves: s54,c94;Mantle waves: s65,c125; Half duration: 1s2

NEIC 01 12:02:34.4+0.7, 17.89N:147.00E, h61km, 6km, mb5.2/75, Error ellipse: s-maj=5.0km s-min=4.5km az=94.0

Code Station Name Az AZZ Phase ID Time Res
SARN Sarigan 1.70 224 P 12 03 01.8 +1.4
ANAT Anatahan 2.03 219 eP 12 03 06.4 +1.4
SAPN Saipan 2.96 204 iJP 12 03 18.1 -0.1
GUMO Guam 4.78 206 eP 12 03 54.9 +2.3
CBJI Chichi jima 10.14 336 Pn 12 04 59.4 +1.2

NJ2 comp=Z,690nm,7.4s LR LR
MDJ Mudanjianj 30.35 335 P P 12 08 41.1 -0.1
DL2 Dalian 30.39 319 eP S 12 08 37.0 -4.7

MDJ comp=N,1um,15.9s,MS4.7 LR LR
MDJ comp=E,717nm,18.0s,MS4.7 LR LR
MDJ comp=Z,1um,20.1s,MS4.6 eP P 12 08 40.8 -0.4

WHN Wuhan 32.19 299 eP P 12 08 57.2 -0.4
KMI comp=Z,19nm,1.0s,mb4.7 eP P 12 10 15.9 -0.5
KMI comp=Z,19nm,1.0s,mb4.7 eP P 12 10 15.9 -0.5

BJT Baijiatou 34.53 316 eP P 12 09 15.8 -1.9
BJT Beijing 34.54 316 P P 12 09 16.9 -0.9
BJI comp=Z,76nm,1.2s,mb5.5 eP P 12 09 30.0 +6.4

QIZ Qiongzong 35.22 278 P P 12 09 24.8 +0.7
QIZ comp=Z,36nm,0.9s,mb5.3 LR LR
QIZ comp=E,1um,19.2s LR LR

PET Petropavlovsk 36.18 12 eP P 12 09 33.9 +2.3
XAN Xi'an 37.55 303 P P 12 09 40.5 -2.8
CTA Charters Tower 37.79 181 eP P 12 09 44.3 -1.1

CTA Charters Tower 37.79 181 eP P 12 09 44.1 -1.3
CTAO Charters Tower 37.79 181 eP P 12 09 44.3 -1.1
HHC Hu-ho-hao-tie 38.02 314 eP P 12 09 46.2 -0.9

GYA Guiyang 38.17 290 iJP P 12 09 48.9 +0.4
GYA comp=Z,50nm,0.8s,mb5.3 LR LR
GYA comp=Z,360nm,6.0s LR LR

GYA comp=N,1um,20.1s,MS4.8 LR LR
GYA comp=E,880nm,18.6s,MS4.8 LR LR
HIA Hailar 38.22 331 eP P 12 09 48.6 -0.1

BTO Baotou 38.97 313 eP P 12 09 55.1 +0.1
WRAB Tennant Creek 39.63 199 eP P 12 09 58.4 -2.2
WB2 Warramunga Arr 39.63 199 eP P 12 09 59.0 -1.7

CD2 Chengdu 41.19 297 P P 12 10 14.1 +0.6
CD2 comp=Z,50nm,1.3s,mb5.0 LR LR
CD2 comp=N,1um,15.6s LR LR

KMI Kunming 41.65 288 eP P 12 10 16.1 -1.2
KMI comp=Z,19nm,1.0s,mb4.7 eP P 12 10 15.9 -0.5
KMI comp=Z,147nm,5.5s LR LR

MA2 Magadan 41.68 3 eP P 12 10 17.7 +0.6
LZH Lanzhou 42.10 304 iJP P 12 10 21.5 +0.6
LZH comp=Z,56nm,1.3s,mb5.0 LR LR

CLNS Khon Kaen 42.17 275 P P 12 10 23.0 +1.2
CLNS Chul'nam 42.23 342 eP P 12 10 21.4 -0.3
CLNS comp=Z,107nm,1.4s,mb5.3 LR LR

ASAR Alice Springs 43.28 198 P P 12 10 29.9 -0.9
ASAR comp=E,8.5nm,0.7s,mb4.6,baz=21,slow=8.0,SNR=62 P P 12 12 19.1 -0.4
ASAR comp=E,6.9nm,0.7s,baz=22,slow=4.0,SNR=8.2 eP P 12 16 09.0

SEY Seychchan 45.11 3 eP P 12 10 46.2 +1.3
SEY comp=Z,60nm,1.0s,mb5.4 LR LR
SEY comp=N,30nm,0.8s LR LR

CM31 Chiang Mai Arr 45.55 278 eP P 12 10 49.6 +0.6
CM31 comp=Z,67nm,0.9s,mb5.6 LR LR
CMAR Chiang Mai Arr 45.55 278 P P 12 10 50.4 +1.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SZAC Souni-Zanjaja, SZAC Akamas, SZAC Alvoga, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TGYY Tagaytay City, ENH Enshi, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARU comp=N, 100nm, 16.0s, MS4.2, ARU comp=E, 100nm, 16.0s, MS4.2, etc.

NIED 01 14:10:00.28.90N;129.90E,h29km,Mw4.6 Best double couple: Mo9.65x10^15 NP1.0e274, s82, l-139. NP2: o=177, s=649, l=-11.
MOS 01 14:10:16.0.1.9.28.70N;130.43E,h33km,mb4.8/6, Error ellipse: s-maj=22.5km s-min=14.2km az=99.4
IDC 01 14:10:16.7.4.2.28.90N;129.99E,h17km,mb26km,mb4.1/23, mb1.4,3/27,mb1mx4.3/31,ML4.4/4,MS3.9/12,Ms1.3/9/12, ms1mx3.6/32, Error ellipse: s-maj=16.0km s-min=12.6km az=92.0

GUAO Guam 20.50 135 P P 14 14 56.9 +1.3
YUSS Yuzh-Sakhalins 20.66 25 P P 14 14 53.2 -3.8
YSS Yuzh-Sakhalins 20.66 25 eP P 14 14 56.8 -0.3
GYA Guiyang 20.81 269 jP P 14 14 59.5 +0.7

OBN Obninsk 68.76 322 P P 14 21 20.0 +0.1
OBN Obninsk 68.76 322 eP P 14 21 45.1
OBN Obninsk 68.76 322 eS S 14 20 25.5 +6.7
OBN Obninsk 68.76 322 pmax pmax 14 21 31.7

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JZK Kikaishima, JZK Amami Oshima, JAM Nakanoshima, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LZH Lanzhou, LZH Chengdu, LZH Lanzhou, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MAL Malatya, AKASG Malin Array Be, YKA Yellowknife Ar, etc.

HEL 01 14:12:22.9.0.2.59.70N;22.28E,ML1.8,ML2.2(UPP), ML2.0(NAO),Explosion
BER 01 14:12:23.5.4.1.59.80N;22.35E,ML2.0(NAO), Suspected explosion

NAO 01 14:12:25.7.2.9.60.12N;22.13E,ML2.0
ISC 01 14:12:22.0.9.59.75N;09.22.27E;0.06,n22, o=99/32, Baltic States - Belarus - Northwestern Russia

Code Station Name Az Phase ID Time Res ISC
AAL Aaland 1.22 291 Op P 14 12 44.9 -1.0
AAL Aaland 1.22 291 eS S 14 13 00.8 -1.2

1d 16h

Table of station data for 1d 16h, including columns for station name, frequency, power, and other technical details.

2004 SEP

Table of station data for 2004 SEP, including columns for station name, frequency, power, and other technical details.

20

Table of station data for 20, including columns for station name, frequency, power, and other technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZHFS Zahedan, ASAO Ashtian, MZLS Mizel, etc.

NEIC 01 16:38:21.6, 3.3, 37.50N; 72.65E, h84km, 27km, mb3.4/2, Error ellipse: s-maj=37.5km s-min=12.3km az=48.0

NCC 01 16:38:24.4, 4.6, 37.41N; 71.56E, h96km, 54km, mpv3.5, Error ellipse: s-maj=42.4km s-min=18.9km az=28.0

IDC 01 16:38:25.8, 7.9, 37.67N; 72.75E, h116km, 66km, mb3.3/6, mb1.3/4.8, mb1mx3.0/18.1, Error ellipse: s-maj=53.0km s-min=24.4km az=28.0

MOS 01 16:38:26.4, 1.0, 37.73N; 72.66E, h138km, mb3.8/2, Error ellipse: s-maj=37.0km s-min=20.0km az=91.8

ISC 01 16:38:17.9, 1.2, 37.35N; 0.77, 72.5E; 0.1, h68km, 13km, n20, c1509/22, mb3.6/6, C-1D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NIL Nilore, AAK Ala-Archa, KK31 Karatay Array, etc.

IDC 01 16:53:30.5, 5.3, 21.74N; 144.45E, mb3.5/4, mb1.3/7.4, mb1mx3.4/21, Error ellipse: s-maj=200.0km s-min=31.5km az=73.0, Mariana Islands region

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

LDG 01 17:04:38.8, 0.1, 44.44N; 6.79E, h2km, MD3.1/1, M12.9/16, Error ellipse: s-maj=2.2km s-min=1.2km az=65.0

STR 01 17:04:38.7, 0.1, 44.46N; 6.79E, h5km, 1km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 01 17:04:38.8, 44.44N; 6.79E, h2km, ML3.1(GEN), ML2.9(LDG), ML2.7(STR), After LDG.

ISC 01 17:04:37.3, 0.2, 44.45N; 0.01, 6.73E; 0.02, h10km, 2km, n50, c0589/96, 11C-4D, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SURF Saint Ours, PZZ Prazzo, MBDF Montbardon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROB Roburent, NEG1 Negi, SMRF Simiane la Rot, etc.

MAN 01 17:06:50.2, 14.61N; 119.57E, h54km, mb3.9, ML2.7, MS2.3

IDC 01 17:06:51.1, 2.2, 14.96N; 119.87E, h74km, 19km, mb3.0/4, mb1.3/3.4, mb1mx3.0/18, Error ellipse: s-maj=36.5km s-min=22.4km az=47.0

ISC 01 17:06:50.5, 0.7, 14.66N; 0.04, 119.69E; 0.08, h75km, 9km, n13, c1512/22, mb3.3/3, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, BOLP Bolinao, POLP Polilio Island, etc.

MDD 01 17:11:02.4, 2.0, 36.46N; 7.42W, h3km, 9km, mBLg2/0/6, Error ellipse: s-maj=13.4km s-min=10.8km az=3.0, PRXIMO

INMG 01 17:11:02.1, 2.36, 43N; 7.22W, h12km, 16km, ML2.2, Error ellipse: s-maj=10.2km s-min=5.4km az=103.0

ISC 01 17:11:01.9, 1.7, 36.52N; 0.09, 7.40W; 0.07, h12km, n11, c1519/19, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PALC Alcouthim, EGRO El Granado, EMIN Mina Concepcion, etc.

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

IDC 01 17:12:00.0, 0.7, 20.54S; 68.98W, h114km, 5km, mb3.8/9, mb1.4/1.1, mb1mx3.9/16, Error ellipse: s-maj=20.7km s-min=14.8km az=63.0

NEIC 01 17:12:00.3, 0.4, 20.59S; 68.95W, mb4.2/6, Error ellipse: s-maj=13.3km s-min=8.0km az=70.0

ISC 01 17:11:55.8, 1.2, 20.48S; 0.06, 69.00W; 0.08, h90km, 11km, h114km, 3.1km; p-P, n33, c0581/32, mb4.2/15, 1C, Chile-Bolivia border region

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

IDC 01 17:10:14.2, 2.1, 6.63S; 130.10E, mb4.1/1, mb1.4/2.4, mb1mx3.8/12, ML4.0/3, Error ellipse: s-maj=86.0km s-min=26.8km az=77.0, Banda Sea

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 Waramungu Arr, ASAR Alice Springs, etc.

WEL 01 18:10:53.0, 0.1, 37.35S; 177.54E, h128km, 2km, ML3.5/1, 1D, Error ellipse: s-maj=3.4km s-min=1.9km az=90.0, Off east coast of North Island

ISC 01 18:13:24.8, 0.6, 35.03S; 70.48W, h2km, MD3.5, ML2.3, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SFDO San Fernando, CICH Cipreses, CACH El Canelo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like La Chapelle, Grafenberg Arr, LOR, etc.

IDC 02 00:19:28.2:7.7, 31.56Sx179.22E, h518km, 102km, mb2.9/2, mb1 3.2/3, mb1mx3.0/12, Error ellipse: s-maj=124.0km s-min=38.3km az=6.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like URZ, Alice Springs, WRA, etc.

OTT 02 00:28:21.1:0.1, 64.66N, 110.63W, h1km, MN3.4/15, Blast, Ekati Mine, Nt Mining explosion., Northwest Territories

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like EKTN, LDGN, DVKN, ACKN, etc.

NEIC 02 01:19:04.0, 35.00S:70.49W, h3km, ML2.7(GUC), After GUC. GUC 02 01:19:04.0, 0.8, 35.00S:70.49W, h3km, MD3.5, ML2.7, 7C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SFDO, NIFCH, CICH, etc.

STR 02 01:19:54.8:0.1, 42.82N:0.26W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 02 01:19:55.0:0.1, 42.81N:0.27W, h4km, M2.5/3, M12.2/5, Error ellipse: s-maj=1.7km s-min=0.8km az=6.0, MDD 02 01:19:56.0:0.2, 42.87N:0.26W, h3km, 7km, mbLg1.7/13, Error ellipse: s-maj=3.1km s-min=1.5km az=4.0, FRXIMO EP: ISC 02 01:19:54.4:0.3, 42.90N:0.02:0.24W:0.02, h11km, 3km, n35, s101/63, Pyrenees

IDC 02 01:19:54.8:0.1, 42.82N:0.26W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 02 01:19:55.0:0.1, 42.81N:0.27W, h4km, M2.5/3, M12.2/5, Error ellipse: s-maj=1.7km s-min=0.8km az=6.0, MDD 02 01:19:56.0:0.2, 42.87N:0.26W, h3km, 7km, mbLg1.7/13, Error ellipse: s-maj=3.1km s-min=1.5km az=4.0, FRXIMO EP: ISC 02 01:19:54.4:0.3, 42.90N:0.02:0.24W:0.02, h11km, 3km, n35, s101/63, Pyrenees

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like VIEF, REYF, Etsaut, FDFAF, etc.

IDC 02 01:24:35.9:0.7, 5.64S:154.45E, h84km, 6km, mb4.6/17, mb1 4.8/18, mb1mx4.8/19, MS3.7/9, Ms1 3.7/9, ms1mx3.6/17, Error ellipse: s-maj=16.5km s-min=12.0km az=98.0, MOS 02 01:24:36.1:2.5, 38S:154.06E, h89km, mb4.7/9, Error ellipse: s-maj=27.9km s-min=17.4km az=73.6, BUJ 02 01:24:37.3:5, 66S:154.86E, h142km, mb5.0, mb4.9, HRVD 02 01:24:39.8:0.3, 5.70S:154.37E, h85km, 3km, MW5.0/54, Centroid moment Tensor Solution. LP body waves: s25, c32; Mantle waves: s54c76; Half duration: 0. Moment tensor: Scale 10^19Nm; Mr:2.88t; Ms: 1.10t; 14; Mw: 1.79t; 14; Mo: 1.38t; 10; Mv: 1.80t; 12; Mw: 0.74t; 11; Best double couple: M:3.46x10^16 Np1:052, d34:1, 109; NP2:0s310, d59, 178; Principal axes: T 3.32, P1g73

Azm188; N.28, P1g11; Azm316; P-3.6, P1g13; Azm48; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. NEIC 02 01:24:39.8:0.9, 5.67S:154.36E, h120km, 8km, mb5.0/40, Error ellipse: s-maj=7.4km s-min=5.2km az=86.0, SYO 02 01:24:41.5, 5.71S:154.32E, h136km, MB5.0, ISC 02 01:24:38.2:1.2, 5.68S:0.04:154.37E, h118km, 10km, h84km, 2.7km, pP, N108, 0.083/102, mb4.9/62, 16C-3D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like RAB, WAU, PMG, CTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, SHL Shilong, YAK Yakuts, ZAK Zakamensk, etc.

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

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

NEIC 02 01:43:04.6, 34.361N-25.54E, h27km, MD3.8(A7H), After ATH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like XRY Khrisi, NPS Neapolis, GVS Gavdos, etc.

INMG 02 01:57:18.0, 1.1, 36.57N-7.70W, h13km-4km, ML1.7, Error ellipse: s-maj=7.4km s-min=4.3km az=106.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERIP Rio Piedras, PALC Alcouthim, EGRO El Granado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EADA, PTOM Tomar, PCBR Castelo Branco, etc.

SOF 02 02:05:37.9, 45.71N-27.27E, h100km, MD2.9. BUC 02 02:05:40.6, 0.2, 45.28N-27.27E, h9km-2km, MD3.4, Error ellipse: s-maj=3.8km s-min=1.6km az=51.0.

NEIC 02 02:05:40.2, 1.1, 45.39N-27.49E, h20km-18km, Error ellipse: s-maj=14.6km s-min=11.0km az=66.0.

ISC 02 02:05:41.4, 0.7, 45.26N-0.03-27.30E, h7km-6km, n13, n123/43, 9C-8D, Romania.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRD Bordesti, ISR Istrita, HARR Harsova, etc.

ATH 02 02:06:43.2, 36.91N-27.70E, h10km, MD3.0/3. ISK 02 02:06:44.1, 37.00N-27.94E, h3km, MD3.2.

ISC 02 02:06:43.5-0.7, 36.93N-0.04-27.83E, 0.04, h11km, 5km, n13, n093/19, Dodecanese Islands.

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

GUC 02 02:34:05.7, 0.8, 37.41S-73.25W, h40km, ML3.7, 2C-4D, Near coast of central Chile.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CCHI Chillan, COCH Cobquecura, SFFD San Fernando, etc.

ISC 02 03:03:46.7, 10.0, 20.49S-177.64W, h380km-102km, mb3.7/4, mb1 3/9/5, mb1mx3.5/13, FJJI Islands region.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, ASAR Alice Springs, etc.

NNC 02 03:10:59.5:1.6, 38.75N:70.41E, mpv3.6, Error ellipse: s-maj=16.2km s-min=13.3km az=108.0

ISC 02 03:10:56.0:2.3, 38.3N:0.2:69.8E:0.1, h33km, n15, 0:594/17, 1C-1D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, AML Alamyashu, etc.

DJA 02 03:14:05.7:1.0, 8.55S:115.96E, h42km, g9km, MD4.9/2, ML3.7/1, 4C-2D, Error ellipse: s-maj=27.0km s-min=15.2km az=151.0, Bali region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KEDI Kedomdong, RATI Rata, RATI Rata, etc.

THE 02 03:20:15.6, 40.79N:21.77E, h5km, ML2.8, ATH 02 03:20:17.5, 40.64N:21.85E, h3km, MD3.0/5

NEIC 02 03:20:18.0, 40.60N:21.86E, h4km, MD3.0(ATH), After ATH

ISC 02 03:20:15.0:0.3, 40.77N:0.02:21.78E:0.02, h5km, n19, 0:1504/32, 2C, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FNA Florina, BIA Bitola, BIA Bitola, etc.

WEL 02 03:34:17.0:0.6, 45.03S:167.67E, h108km, 4km, ML3.5/1, Error ellipse: s-maj=6.2km s-min=5.9km az=90.0, South Island

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

ISC 02 03:56:49.2:1.0, 1.12S:132.47E, mb3.9/3, mb1 4.1/4, mb1mx3.8/15, ML3.7/1, Error ellipse: s-maj=102.0km s-min=15.5km az=78.0, Irian Jaya region

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

NEIC 02 04:01:42.0, 35.00S:70.54W, h2km, ML3.2(GUC), After GUC

GUC 02 04:01:42.0:0.7, 35.00S:70.54W, h2km, 3km, MD3.9, ML3.2, 10C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFDO San Fernando, SFDO San Fernando, LOS Niches, etc.

LDG 02 04:06:17.8:0.1, 42.81N:0.27W, h2km, Md2.2, M1.9/2, Error ellipse: s-maj=2.8km s-min=1.1km az=2.0

STR 02 04:06:17.6:0.1, 42.83N:0.27W, h5km, 1km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 02 04:06:18.4:0.4, 42.83N:0.27W, mb1.0/1.3/6, Error ellipse: s-maj=5.0km s-min=1.8km az=2.0, PPKJMO SW SW/CJCN

ISC 02 04:06:17.0:0.6, 42.88N:0.04:0.25W:0.03, h10km, 8km, n19, 0:577/29, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VIEF Vief, VIEF Vief, MONTAGNE DU RE, etc.

LDG 02 04:16:32.0:0.1, 42.89N:0.30W, h13km, Md1.5/2, M1.4/1, Error ellipse: s-maj=9.2km s-min=2.2km az=175.0

STR 02 04:16:32.5:0.2, 42.79N:0.02W, h2km, 1km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 02 04:16:31.3:0.7, 42.98N:0.08:0.29W:0.04, h13km, n6, 0:583/11, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ETSF Etsaut, ETSF Etsaut, VIEF Vief, etc.

ISC 02 04:21:27.6:1.6, 1.58N:126.26E, mb4.1/4, mb1 4.2/5, mb1mx3.9/16, ML3.7/1, Error ellipse: s-maj=105.0km s-min=22.0km az=67.0

NEIC 02 04:21:48.4:3.8, 1.25N:126.29E, h195km, 39km, mb4.3/4,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Wannan Creek, etc.

ISC 02 04:21:43.5:5.2, 1.3N:0.2:126.0E:0.5, h157km, 52km, n13, 0:1503/13, mb4.1/7, Northern Molucca Sea

ISC 02 04:23:29.6:2.7, 22.05S:65.78W, h257km, 21km, mb3.6/7, mb1 3.7/10, mb1mx3.6/16, Error ellipse: s-maj=40.0km s-min=13.9km az=34.0

NEIC 02 04:23:29.1:1.0, 22.15S:65.86W, h255km, 11km, mb4.0/12, Error ellipse: s-maj=16.1km s-min=9.0km az=58.0

SYO 02 04:23:29.9:22.12S:65.75W, h265km, MB4.0, ISC 02 04:23:28.4:0.9, 22.14S:0.08:65.8W:0.1, h263km, 9km, n32, 0:1501/30, mb4.0/15, 2D, Jujuy Province

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

MAN 02 04:23:53.0, 9.20N:126.89E, h11km, mb4.6, ML3.5, MS3.4, ID, Mindanao

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

NEIC 02 04:26:43.9, 30.57S:69.95W, h121km, MD3.5(GUC), After GUC

GUC 02 04:26:43.9:1.1, 30.57S:69.95W, h121km, 20km, MD3.5, ML3.5, 2C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, TLL Tololo Astrono, CMCH Combarbala, etc.

ISC 02 04:33:48.2:8.1, 27.97S:179.17W, h426km, 83km, mb3.2/3, mb1 3.6/4, mb1mx3.3/12, Error ellipse: s-maj=70.7km s-min=32.0km az=26.0

ISC 02 04:33:40.6:2.7, 27.87S:0.1:178.5W:0.4, h400km, n13, 0:1520/10, mb3.6/3, Kermadec Islands region

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

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

IDC 02 04:37.09.9.26.0, 21.48N.142.8E, h446km, 300km, mb3.2/7, mb1 3.4/7, mb1mx3.1/22, Error ellipse: s-maj=87.4km s-min=28.7km az=55.0

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

IDC 02 04:39.43.7.13.0, 5.58S.151.50E, h72km, 114km, mb4.0/7, mb1 4.3/7, mb1mx4.1/14, MS3.2/2, Ms1 3.2/2, ms1mx2.9/23, Error ellipse: s-maj=57.0km s-min=32.8km az=91.0

NEIC 02 04:39.43.5.2.2, 5.52S.151.48E, h72km, 17km, mb4.6/10, Error ellipse: s-maj=23.3km s-min=11.9km az=105.0

IDC 02 04:39.42.5.3.1, 5.55S.0.1, 1.5E.0.2, h75km, 23km, n28, r193.2/4, mb4.3/15, 2C, New Britain region

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

IDC 02 04:40.39.1.0.0, 55.72N.159.11W, h57km, 82km, mb3.4/5, mb1 3.6/7, mb1mx3.4/23, ML3.8/2, Error ellipse: s-maj=97.2km s-min=25.2km az=27.0

NEIC 02 04:40.35.4.5.45N.158.83W, h33km, ML3.7(AEIC), After AEIC

IDC 02 04:40.34.8.0.7, 55.6N.0.1, 1.159.0W.0.1, h76km, 7km, n42, c076/43, mb3.5/5, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SDPT Sand Point, ANPB Aniakchak Plen, ANPK Aniakchak Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, TXAR Lajitas Array, BVAR Borovoye Array, etc.

THR 02 04:41:03.3.1.4, 35.32N.54.35E, h14km, 17km, ML4.1, IDC 02 04:41:00.1.1.1, 35.62N.0.09.54.39E.0.08, h14km, n6, c096/9, 2C, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like DAMV Damavand, THKV Tehran-Karaj, THKV Tehran-757km, etc.

MAN 02 04:54:57.5, 7.24N.127.50E, h11km, mb4.6, ML3.5, MS3.5, IDC 02 04:55:09.9.7.1, 7.20N.126.73E, h92km, 68km, mb3.5/6, mb1 3.7/7, mb1mx3.5/19, ML4.4/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/18, Error ellipse: s-maj=52.1km s-min=16.2km az=79.0

NEIC 02 04:55:13.0.6.4, 7.21N.126.77E, h125km, 64km, mb4.3/2, Error ellipse: s-maj=49.3km s-min=12.9km az=80.0

IDC 02 04:55:04.8.1.6, 7.25N.106.127.0E.0.2, h61km, 17km, n17, c1f23/19, ML3.8/8, 1C, Mindanao

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

MEX 02 05:02:04.5.0.9, 15.92N.95.56W, MD3.8, 1C, Near coast

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like HUIG Huatulco, OXX Oaxaca, VHO Vista Hermosa, etc.

MAN 02 05:13:34.8, 7.17N.127.36E, mb4.2, ML3.0, MS2.7, 1D, Philippine Islands region

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

IDC 02 05:15:42.1.2.2, 4.50S.129.44E, mb3.6/1, mb1 3.6/4, mb1mx3.5/15, ML3.4/3, Error ellipse: s-maj=95.4km, s-min=28.7km az=74.0, Banda Sea

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

LDG 02 05:24:52.1.0.2, 51.55N.16.26E, h1km, M4.7/18, Error ellipse: s-maj=5.8km s-min=3.0km az=175.0, Suspected Mining induced.

MOS 02 05:24:52.3.1.1, 51.63N.16.17E, h10km, mb4.4/2, Error ellipse: s-maj=9.7km s-min=5.8km az=85.9

BUI 02 05:24:53.9, 51.50N.16.10E, h5km, mb4.8, Ms4.4, Ms2.4

BGR 02 05:24:53.3.0.5, 51.58N.16.20E, h1km, ML4.5/12, Error ellipse: s-maj=5.6km s-min=4.4km az=13.0

ZUR_RM 02 05:24:53.51.52N.16.08E, h15km, Mw3.4/11, Moment Tensor Solution. s11 Moment tensor: Scale 10^14Nm; Mn=3.20, Ms=0.51, Mo=0.53; Mo=0.18, Ms=0.03, Mn=0.08; East double couple: M1.37x10^14, N1.23x10^14, P1.89x10^14; N2.2x10^14, P2.2x10^14, N3.2x10^14; Principal axes: T.942, P1.947, Azm326; N.86, P1.91; Azm57; P-1.803, P1.966, Azm155;

NEIC 02 05:24:53.9.0.2, 51.52N.16.08E, h5km, mb4.5/11, ML4.5(SZGRF), ML4.3(VIE), Error ellipse: s-maj=3.9km s-min=3.5km az=124.0

IDC 02 05:24:54.0.5.51, 51.51N.16.11E, mb4.0/5, mb1 4.1/16, mb1mx4.0/26, ML3.9/10, Error ellipse: s-maj=9.4km s-min=6.3km az=109.0

PRU 02 05:24:55.1, 51.47N.16.12E, Neic M4.5

WAR 02 05:24:55.0, 51.51N.16.13E, ML3.9, Mining Induced

ISC 02 05:24:51.9.1.2, 51.47N.16.08E.0.1, 16.0E.0.2, n178, c1f51/302, mb4.5/22, MS4.1/4, 18C-SD, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PVCC Panska Ves, BRG Berggiesshubel, BRG Berggiesshubel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like DAMV Damavand, THKV Tehran-Karaj, THKV Tehran-757km, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KHC Kasperske Hory, HUIG Huatulco, OXX Oaxaca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SMOL Smolenice, WETZ Wetzell, LIKS Likavka, etc.

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

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Copenhagen, Koelnbreinsper, KBA, KERN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NB2 NORSTAR Subarra, NOA NORSTAR Array B, NOA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ASAR Alice Springs, STKA Stephens Creek, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGD, ASK, NC6, NB2, HFS, FIAO.

HEL 02 12:01:53.5:0.1, 59.89N:22.27E, ML1.8, ML2.2(UPP), ML2.2(NAO), Explosion, BER 02 12:01:54.2:4.7, 59.90N:22.23E, ML2.2(NAO), Suspected explosion

NAO 02 12:01:55.5:2.3, 60.15N:22.06E, ML2.2, ITC 02 12:01:52.8:0.5, 60.02N:0.05E, 22.30E:0.05, n19, c19/22/29,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAL, AAL, PNF, GRAU, FLYU, FIAO, KEF, OSTU, IGGU, VJF, VSU, KAF, FALU, ROTU, HFS, ARAO.

BGR 02 12:23:04.5:0.9, 51.47N:16.21E, h1km, ML3.2/6, Error ellipse: s-maj=12.2km s-min=8.9km az=156.0, WAR 02 12:23:05.9:1.5, 52N:16.06E, ML3.1, Mining Induced, NEIC 02 12:23:05.6:0.6, 51.46N:16.12E, h5km, L2(SZGRF), ML2.9(CLL), Error ellipse: s-maj=7.1km s-min=5.6km az=213.0, PRU 02 12:23:06.3:1.5, 48N:16.04E, IDC 02 12:23:07.0:0.7, 51.40N:16.05E, mb1 3.3/6, mb1mx3.2/18, ML3.0/6, Error ellipse: s-maj=12.8km s-min=6.9km az=105.0, ISC 02 12:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, KSP, UPC, DPC, PVCC, BRG, PRU, CLL, MORC, OKC, VRAC, TANN, NKC, GUNZ, OJC, MOX, GEC2, GEC2, GERES Array S, GERES Array S, GERES Array B, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES, SMOL, ZST, VYHS, GRF, MOA, CRVS, KWP, DAVOX, AKASG, HFS, NOA, FINES, URZ, STKA, WRA, ASAR, FITZ, MEX 02 12:49:07.9:0.9, 16.21N:98.12W, h10km, MD3.6, Near coast of Guerrero, PNIG, VHO, OXX, SKHL 02 13:00:41.5:1.2, 54.45N:123.02E, h12km, 5km, mb4.4/3, Southeastern Siberia, TUP, KROS, ZEA, ZEA, ZEA, ZEA, ZEA, YASR, BMKR, EKMR, EKMR, EKMR, KLR, GRNR, GRNR, NKL, DJA 02 13:17:05.0:1.0, 8.12S:115.29E, h31km, 6km, MD4.4/1, 1C-2D, Error ellipse: s-maj=22.5km s-min=10.9km az=155.0, Bali region, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RATI, INGI, KEDI, NOUC, NOUC, ARMA, CTA, CTA, RPZ, RPZ, STKA, STKA.

IDC 02 12:35:50.9:14.0, 17.91S:178.27W, mb3.7/5, mb1 3.9/5, mb1mx3.8/12, Error ellipse: s-maj=285.0km s-min=46.8km az=59.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, STKA, WRA, ASAR, FITZ.

MEX 02 12:49:07.9:0.9, 16.21N:98.12W, h10km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNIG, VHO, OXX, SKHL 02 13:00:41.5:1.2, 54.45N:123.02E, h12km, 5km, mb4.4/3, Southeastern Siberia, TUP, KROS, ZEA, ZEA, ZEA, ZEA, ZEA, YASR, BMKR, EKMR, EKMR, EKMR, KLR, GRNR, GRNR, NKL, DJA 02 13:17:05.0:1.0, 8.12S:115.29E, h31km, 6km, MD4.4/1, 1C-2D, Error ellipse: s-maj=22.5km s-min=10.9km az=155.0, Bali region, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RATI, INGI, KEDI, NOUC, NOUC, ARMA, CTA, CTA, RPZ, RPZ, STKA, STKA.

ISC 02 13:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

ISC 02 13:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

ISC 02 13:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

ISC 02 13:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, TOO, WB2, WRAB, WRA, WRA, ASAR, ASAR, ASAR, ASPA, FITZ, FITZ, FITZ, FITZ, FITZ, MBWA, KLBRR, NWAO, MUN, MAJO, SBA, ASAJ, MDJ, GSPA, SONM, SNAAS, MKAR, ARCES, STKA, TOO, WB2, WRAB, WRA, WRA, ASAR, ASAR, ASAR, ASPA, FITZ, FITZ, FITZ, FITZ, FITZ, MBWA, KLBRR, NWAO, MUN, MAJO, SBA, ASAJ, MDJ, GSPA, SONM, SNAAS, MKAR, ARCES.

IDC 02 13:28:37.5:4.7, 52.90S:15.43E, mb4.2/2, mb1 4.3/2, mb1mx3.9/11, 2C, Error ellipse: s-maj=468.0km s-min=128.0km az=32.0, Southwest of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNAAS, VNA2, VNA3, STKA, ASAR, PDAR.

ISK 02 13:41:58.8, 34.57N:32.51E, h9km, MD3.6, NIC 02 13:42:01.8:0.4, 34.70N:32.56E, h22km, ML3.6, MW3.2, NIC Felt earthquake; Maximum Intensity 2; Felt I-II mm at Pafos.

NEIC 02 13:42:01.8, 34.70N:32.56E, h22km, ML3.6(NIC), After NIC.

NEIC Felt [I] at Paphos. GII 02 13:42:05.1:0.7, 34.69N:32.61E, h25km, 30km, ML3.1/9, MW3.2/10

ISC 02 13:42:01.0:0.6, 34.61N:0.02E:32.52E:0.04, h13km, 4km, n33, c08/75/0, 4C-3D, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

ISC 02 13:23:02.5:0.5, 51.52N:0.02E:16.10E:0.03, n39, c19/29/82, IC, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNYC, SZAK, AKMC, ALFC, ALFC, LEF, CSS, CSS, MAMC, PHNC, PHNC, IKL, IKL, HDMB, MEST, HNTI, HAF, OFRI, HRI, SLTI, KSHT, MMLI, HTY, HDMT, COBT, DRGI, NIC, KZIT, KZIT, MZDA, SVTA, YER, YER, KIZT, PRNI, PRNI, MBH, EIL, IGQ 02 13:56:59.3:1.2, 20S:78.38W, h15km, 2km, mb4.2, Error ellipse: s-maj=1.2km s-min=0.8km az=18.4, ISC 02 13:56:59.0:0.4, 1.20S:0.03E:78.38W:0.05, h8km, 7km, n27, c05/88/33, 20C-5D, Ecuador, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISA, RUNZ, JUIV, ULBA, RETU, CUSU, PATA, ARRY, IGUA, MARY, TAMB, VC1, NAS1, QIL1, ANTI.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JUA2, CGGP, GGP, etc.

WAR 02 13:58:28.9, 51.46N, 16.08E, ML2.6, Mining Induced
PRU 02 13:58:29.0, 51.42N, 16.08E
ISC 02 13:58:26.3, 51.41, 16.06E, 0.06, n19, s122/19,

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

GUC 02 14:10:57.0, 0.3, 34.93S, 70.57W, h2km, 1km, MD3.5, ML2.1, 1D, Chile-Argentina border region

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

ISK 02 14:36:54.4, 36.92N, 27.47E, h8km, MD3.8, ML3.8
NEIC 02 14:36:55.9, 36.91N, 27.44E, h25km, MD3.7(ATH), After ATH.

ATH 02 14:36:55.9, 36.91N, 27.44E, h25km, 3km, MD3.7/9
THE 02 14:36:58.6, 37.16N, 27.52E, h10km
ISC 02 14:36:55.1, 0.3, 36.92N, 0.02, 27.50E, 0.03, h8km, n43,

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

IDC 02 14:38:50.3, 1.9, 11.62N, 126.70E, mb4.0/5, mb1.4/0/5, mb1mx3.7/17, Error ellipse: s-maj=174.0km s-min=25.9km az=69.0

MAN 02 14:39:03.6, 10.99N, 125.38E, h78km, mb4.7, ML3.6, MS3.5
ISC 02 14:39:03.1, 0.8, 10.97N, 0.05, 125.3E, 0.1, h106km, 6km, n17, s084/19, mb3.9/5, Leyte

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

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

HEL 02 15:02:23.9, 0.2, 59.87N, 22.27E, ML1.7, ML2.4(UPP), ML2.1(NAO), Explosion
IDC 02 15:02:24.1, 1.7, 59.87N, 22.24E, mb1.3/0/4, mb1mx2.9/18, ML2.6/4, Error ellipse: s-maj=23.3km s-min=6.5km az=157.0

BER 02 15:02:25.6, 4.2, 59.95N, 22.26E, ML2.1(NAO), Suspected explosion
NAO 02 15:02:26.4, 2.4, 60.15N, 22.12E, ML2.1
ISC 02 15:02:23.5, 0.6, 60.13N, 0.06, 22.20E, 0.06, n22, s126/33,

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

OSTU Oestervaalaa 2.54 275 eP Pn 15 03 07.0 +0.4
VAF Vackbrunna 2.58 266 eP Pn 15 03 09.6 +2.4
BACU Backbrunna 2.69 79 eP Pn 15 03 08.2 -0.7

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

TIF 02 15:10:23.5, 40.99N, 42.85E, h12km, Mpv4.0, 2D, Turkey
Code Station Name Azimuth Phase ID Time Res

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

ISK 02 15:10:27.9, 39.13N, 40.41E, h9km, MD2.8
ISC 02 15:10:28.3, 0.7, 39.13N, 0.05, 40.40E, 0.05, h9km, n9, s096/14, 1C, Turkey

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

IDC 02 15:18:13.7, 1.4, 7.64S, 122.22E, mb3.6/2, mb1.3/8/4, mb1mx3.6/13, ML3.2/2, Error ellipse: s-maj=152.0km s-min=22.6km az=59.0, Flores

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

JMA 02 15:44:53.1, 0.4, 22.71N, 121.59E, h38km
TAP 02 15:44:48.5, 22.77N, 121.34E, h20km, 1km, ML3.1, Taiwan region

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

IDC 02 15:47:39.8, 1.9, 0.75S, 127.99E, mb3.4/3, mb1.3/6/3,

mb1mx3.4/13, Error ellipse: s-maj=126.0km s-min=24.8km az=67.0, Halmahera

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

GUC 02 15:50:19.9, 0.5, 34.97S, 70.48W, h1km, 2km, MD3.6, ML2.3, 1D, Chile-Argentina border region

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

HEL 02 16:02:53.7, 0.1, 59.90N, 22.24E, ML1.9, ML2.5(UPP), ML2.3(NAO), Explosion
IDC 02 16:02:54.0, 1.7, 59.89N, 22.40E, mb1.3/0/4, mb1mx2.9/18, ML2.8/4, Error ellipse: s-maj=22.9km s-min=6.4km az=157.0

BER 02 16:02:54.6, 3.7, 59.93N, 22.22E, ML2.3(NAO), Suspected explosion
NAO 02 16:02:55.3, 2.1, 60.12N, 22.05E, ML2.3
ISC 02 16:02:52.5, 0.5, 60.02N, 0.04, 22.25E, 0.05, n26, s125/42,

Finland
Code Station Name Azimuth Phase ID Time Res

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

OSTU Oestervaalaa 2.57 277 eP Pn 15 03 36.8 +0.8
OSTU IGGOO 2.59 291 eP Pn 15 03 37.8 +1.5
BACU Backbrunna 2.59 266 eP Pn 15 03 36.9 +0.5

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

TIF 02 15:10:23.5, 40.99N, 42.85E, h12km, Mpv4.0, 2D, Turkey
Code Station Name Azimuth Phase ID Time Res

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

ISK 02 15:10:27.9, 39.13N, 40.41E, h9km, MD2.8
ISC 02 15:10:28.3, 0.7, 39.13N, 0.05, 40.40E, 0.05, h9km, n9, s096/14, 1C, Turkey

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

IDC 02 15:18:13.7, 1.4, 7.64S, 122.22E, mb3.6/2, mb1.3/8/4, mb1mx3.6/13, ML3.2/2, Error ellipse: s-maj=152.0km s-min=22.6km az=59.0, Flores

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

JMA 02 15:44:53.1, 0.4, 22.71N, 121.59E, h38km
TAP 02 15:44:48.5, 22.77N, 121.34E, h20km, 1km, ML3.1, Taiwan region

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

IDC 02 15:47:39.8, 1.9, 0.75S, 127.99E, mb3.4/3, mb1.3/6/3,

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

MAN 03 01:33:42.6, 11.26N:125.77E, h31km, mb4.3, ML3.1, MS2.9, Samar

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

NEIC 03 01:55:55.0, 14.00N:93.30W, h24km, MD4.2(MEX), After MEX.

MEX 03 01:55:55.0, 0.6, 14.09N:93.32W, h7km, mb52km, MD4.2, Near coast of Chiapas

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

IDC 03 02:33:17.0, 12.0, 23.04S:177.23W, h424km, 132km, mb3.5/4, mb1 3.6/5, mb1mx3.4/11, Error ellipse: s-maj=216.0km s-min=60.8km az=76.0, South of Fiji Islands

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

BJI 03 02:46:56.5, 50.75N:87.59E, h10km, ML4.2, MOS 03 02:47:00.5, 1.4, 49.66N:88.88E, h15km, mb4.3/5, Error ellipse: s-maj=22.2km s-min=10.4km az=116.5

LDG 03 02:47:03.6, 1.1, 49.96N:88.21E, h10km, MD4.3/16, Error ellipse: s-maj=14.1km s-min=3.6km az=20.0

IDC 03 02:47:03.1, 1.9, 49.89N:88.58E, mb3.8/5, mb1 4.0/8, mb1mx3.8/19, ML3.8/3, Error ellipse: s-maj=24.4km s-min=11.5km az=101.0

NNC 03 02:47:05.3, 3.4, 49.91N:88.27E, mpv4.1, Error ellipse: s-maj=27.1km s-min=16.6km az=85.0

NEIC 03 02:47:06.1, 1.2, 49.96N:88.26E, h10km, mb4.3/13, Error ellipse: s-maj=20.6km s-min=11.0km az=113.0

ISC 03 02:47:03.9, 0.5, 49.98N:0.04:88.29E:0.07, h10km, n53, q1903/67, mb4.2/22, MS3.1/1, GC-6B, Tuva-Buryatia-Mongolia border region

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

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

AKAS Malin Array B 36.83 295 P 02 54 13.7 +0.1

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

HINF Hinterfeld 51.03 301 eP 02 56 08.2 +0.4

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

ORIF Oris-en-Rattie 53.27 299 eP 02 56 24.9 +0.2

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

OTT 03 03:45:23.0, 0.1, 59.95N:76.71W, h18km, MN2.57, 33km east from Puvirnituq, Qc Boothia Ungava Seismic Zone, Northern Quebec

FRB Frobisher Bay 5.43 42 Op Pn 03 47 41.4 -6.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LG40, LG40, LG40, etc.

NEIC 03 03:48:43.8, 0.4, 51.60N:16.15E, h5km, ML3.2(SZGRF), ML3.1(VIE), ML2.9(CLL), ML2.6(BRG), Error ellipse: s-maj=5.7km s-min=4.6km az=68.0

BGR 03 03:48:44.6, 0.7, 51.48N:16.16E, h1km, ML3.2/7, Error ellipse: s-maj=8.9km s-min=5.6km az=166.0

PRU 03 03:48:45.7, 51.49N:16.06E, ML3.1, Mining Induced

WAR 03 03:48:45.7, 51.50N:16.09E, ML3.1, Mining Induced

IDC 03 03:48:45.8, 0.6, 51.52N:16.09E, mb1 3.4/8, mb1mx3.3/19, ML3.1/8, Error ellipse: s-maj=11.7km s-min=6.1km az=102.0

MOS 03 03:48:47.1, 4.5, 51.30N:15.88E, h11km, mb4.0/1, Error ellipse: s-maj=13.1km s-min=7.2km az=83.1

ISC 03 03:48:45.2, 0.3, 51.38N:0.02:15.98E:0.03, n56, q1511/105, 4C, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LG40, SILO, SILO, etc.

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

Code Station Name Azimuth Phase ID Time Res

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

WERT Werda 2.50 249 eP 03 49 28.0 +0.2

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

WETT Wetzell 3.00 223 ePn Pn 03 49 51.7 +0.2

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

KRSC 03 04:04:59.3, 0.4, 49.23N:155.96E, h40km, 11km, ML3.9, Kuril Islands

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, KAKA Kaka, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, BIPH Bislig, KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, INK Inuvik, BBB Bella Bella, etc.

NEIC 03 07:26:18.3, 17.01N:100.23W, h20km, MD3.6(MEX), After MEX.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, ZIIG Zihuatajejo, PLIG Platanillo, etc.

IDC 03 08:44:06.9-6.4, 0.45S:123.38E, h66km, mb3.6/5, mb1 3.0/6, mb1mx3.0/13, ML3.8/1, Error ellipse: s-maj=10.7km s-min=1.7km az=65.0

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

IDC 03 08:50:19.6-6.8, 30.82N:141.67E, mb3.7/4, mb1 3.8/5, mb1mx3.7/18, ML2.9/1, Error ellipse: s-maj=259.0km s-min=21.4km az=69.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHJ Hachiojima 2, SONM Songoing Array, etc.

FUNV 03 07:27:16.7, 10.76N:62.36W, h81km, MW3.1 TRN 03 07:27:17.3, 10.81N:62.46W, h68km, MD3.7, M04.4(FDF) ISC 03 07:27:15.3, 0.10N:100.02-62.48W, 0.02, h9km, n5, s=123/66, 3C-5D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GUV Guiria, GUNV Guanoco, CRUV Carupano, etc.

NEIC 03 08:44:07.0-0.7, 0.45S:123.48E, h130km, mb4.3/2, Error ellipse: s-maj=74.7km s-min=11.5km az=66.0

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

NEIC 03 08:52:26.0, 53.41N:167.25W, h10km, ML3.5(AEIC), After AEIC, Fox Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, OKCE Okmok Cone E, MSW Makushin Swite, etc.

NEIC 03 08:47:56.8, 18.07N:100.28W, h66km, MD3.7(MEX), After MEX.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PLIG Platanillo, ACX Acapulco, IZ Mezotepec, etc.

NEIC 03 08:49:55.0-1.3, 53.59N:167.62W, mb4.0/9, mb1 4.3/9, mb1mx4.0/21, MS3.7/11, M1 3.7/11, ms1mx3.5/32, Error ellipse: s-maj=47.6km s-min=24.0km az=150.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, OKER East Rim, OKCE Okmok Cone E, etc.

PRU 03 08:59:40.4, 51.47N:16.07E WAR 03 08:59:40.2, 51.51N:16.06E, ML2.7, Mining Induced ISC 03 08:59:36.7, 0.151S:30.05E, h16.06E, 0.04, n11, e19/09/21, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, UPC Ubrice, etc.

IDC 03 07:32:02.8-2.0, 2.43N:126.42E, mb3.5/4, mb1 3.7/4, mb1mx3.6/14, Error ellipse: s-maj=118.0km s-min=24.7km az=69.0, Northern Molucca Sea

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

NEIC 03 08:49:58.6-0.7, 53.42N:167.28W, 0.09, h28km, n5, n6, s=83/65, mb4.1/14, MS3.7/11, Fox Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, OKER East Rim, OKCE Okmok Cone E, etc.

CASC 03 09:02:36.9-2.0, 13.06N:90.06W, h18km, g8km, MD3.6, 7C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like SBLS San Blas, SBLJ San Jose, RTR El Retiro, etc.

IDC 03 08:10:20.7-0.9, 7.34N:126.78E, mb4.0/8, mb1 4.1/8, mb1mx4.0/18, MS3.4/1, M1 3.4/1, ms1mx2.7/25, Error ellipse: s-maj=60.6km s-min=16.2km az=74.0

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

IDC 03 08:44:06.9-6.4, 0.45S:123.38E, h66km, mb3.6/5, mb1 3.0/6, mb1mx3.0/13, ML3.8/1, Error ellipse: s-maj=10.7km s-min=1.7km az=65.0

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

IDC 03 08:50:19.6-6.8, 30.82N:141.67E, mb3.7/4, mb1 3.8/5, mb1mx3.7/18, ML2.9/1, Error ellipse: s-maj=259.0km s-min=21.4km az=69.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHJ Hachiojima 2, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, M, L, R, Time, Res. Includes stations like ITHI, PEN, NEAP, etc.

IDC 03 12:16:48.4, 0.6, 15.235x173.39W, mb4.9/15, mb1 5.0/16, mb1mx4.9/18, ML4.7/1, MS5.1/18, Ms1 5.1/18, ms1mx5.1/20, Error ellipse: s-maj=29.1km s-min=14.8km az=138.0

HRVD 03 12:16:49.7, 0.1, 15.01Sx173.00W, h12km, MW5.6/71, Centroid moment Tensor Solution. LP body waves: s63, c126, Mantle waves: s71, c159; Half duration: 195

SYO 03 12:16:49.2, 15.28Sx173.34W, h10km, MB5.4, MS5.3, NEIC 03 12:16:49.7, 0.2, 15.19Sx173.38W, h10km, mb5.3/57, MS5.3/80, MW5.6, Error ellipse: s-maj=10.3km s-min=4.6km az=144.0, Moment Tensor Solution. s24

MOS 03 12:16:53.0, 1.4, 15.08Sx173.67W, h33km, mb5.9/9, MS5.3/15, Error ellipse: s-maj=22.3km s-min=16.1km az=106.1

ORF 03 12:17:08.2, 10.02Sx179.73W, h30km, mb6.0, ISC 03 12:16:48.0, 0.2, 15.22Sx107.35W, 0.04, h10km, (h14km, z2, 1km): pP-P, n457, o597/184, m55.2/85, MS5.2/113, 27C-110, Tonga Islands

Table with columns: Code, Station Name, Az, El, Pn, S, M, L, R, Time, Res. Includes stations like NON, RAR, RAR, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, M, L, R, Time, Res. Includes stations like ASPA, FORT, FITZ, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, M, L, R, Time, Res. Includes stations like WUAZ, GSM, ELK, etc.

3d 12h

2004 SEP

Table with columns for station code, name, coordinates, and various data points. Includes stations like Earthquake Lak, Chamberlain Mo, Boulder Array, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like Yellowknife Arr, YKA, YKA, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like ARU, ARU, ARU, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TOD Tromm, KHC Kasperske Hory, KHC Kasperske Hory, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SKO Skopje, BOB Bobbio (Coli), HAQ Haq, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LEF Lefka, CSS Prodhromos, CSS Mammary, etc.

IDC 03 12:31:59.6,2.2,3.25N:124.14E,mb3.5/4,mb1 3.6/4, mb1mx3.5/1.4, Error ellipse: s-maj=314.0km

0.6min=23.7km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 03 12:39:55.8,1.1, 16.95Sx172.68W,mb3.6/2,mb1 3.8/2, mb1mx3.7/1.1, Error ellipse: s-maj=386.0km

s-min=64.9km az=143.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 03 12:49:17.6,0.7,25.11N:123.07E,h154km,7km,mb4.0/4, Error ellipse: s-maj=12.3km s-min=8.5km az=56.0

JMA 03 12:49:19.4,0.2,24.96N:123.07E,h146km,3km,M3.9

IDC 03 12:49:19.9,7.6,25.27N:123.32E,h179km,87km,mb3.6/6, mb1 3.7/7,mb1mx3.5/2.1,MS4.5/2,Ms1 4.4/2,ms1mx3.7/2.5

Error ellipse: s-maj=81.7km s-min=13.2km az=60.0

ISC 03 12:49:16.4,0.4,25.09N:123.06E,h123.05E,0.04,h158km,3km, n26,-0.82/34,mb3.9/1, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YOJ Yonaguni jima, YOF Yonaguni, etc.

IDC 03 13:00:25.1,2.3,0.25N:121.97E,h207km,21km,mb3.9/6, mb1 4.1/7,mb1mx3.8/1.5, Error ellipse: s-maj=77.9km

s-min=9.2km az=66.0

NEIC 03 13:00:25.8,4.1,0.19N:121.88E,h215km,44km,mb4.4/11, Error ellipse: s-maj=27.3km s-min=9.7km az=64.0

ISC 03 13:00:22.0,2.7,0.3N:121.92E,0.2,h194km,27km,n24, -0.82/25,mb4.2/16,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, etc.

IDC 03 13:11:54.6,0.5,34.56N:32.44E,h35km,ML3.4,MW3.4

NEIC 03 13:11:54.6,0.5,34.56N:32.44E,h35km,ML3.4(NIC),After NIC

ISK 03 13:11:55.8,34.83N:32.34E,h28km,MD3.6

GII 03 13:11:56.7,0.4,34.31N:32.54E,h25km,30km,ML2.9/13,Mw2.9/6

ISC 03 13:11:52.4,0.4,34.48N:32.45E,0.05,h57km,12km,n34,-0.93/47,2C-4D,Cyprus region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PPHY Paphos, SZAC Souni-Zanaja, etc.

IDC 03 14:04:23.1,4.8,22.04S:173.98W,mb4.2/3,mb1 4.4/3, mb1mx4.0/1.1, Error ellipse: s-maj=238.0km

s-min=60.8km az=155.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CTA Charters Tower, ATAR Charters Tower, etc.

SEY			pP	19 17 17.9 +3.1
SEY			S	19 20 24.9
SEY		eS	SS	19 27 25.1 +1.5
SEY		pmx	SS	19 32 50.7 +3.0
SEY	comp=N,30nm,1.3s		pmx	
SEY	comp=Z,120nm,1.3s,mb5.7		pmx	
SEY	comp=E,40nm,1.2s		pmx	
SEY	comp=N,8um,19.9s		smx	
SEY			smx	
IMA	comp=E,6um,19.9s			
Indian Mountain	82.37 8 eP	P		19 17 10.2 +0.4
SDCO	Great Sand Dun 82.57 48 eP	P		19 17 11.8 +0.2
SDCO	comp=Z,5um,20.0s,MS5.9		LR	LR
HRV	Holter Researc 82.68 38 eP	P		19 17 12.3 +0.4
QIZ	Qiongzhong 82.86 292	XP	sP	19 17 13.5 +0.2
QIZ		SKS	SKS	19 17 28.0 +8.0
QIZ		AMB	AMB	19 27 34.6 -1.6
QIZ	comp=Z,981nm,10.2s		LR	LR
QIZ	comp=E,2um,22.7s		LR	LR
WHN	comp=Z,4um,24.5s,MS5.7		LR	LR
WHN	Wuhan 83.01 304 P	P		19 17 12.0 -1.9
WHN		S	S	19 27 41.0 +1.0
TIA	comp=Z,5um,19.3s,MS5.9		LR	LR
TIA	Tai'an 83.11 310 eP	P		19 17 15.1 +0.8
DAW	comp=E,4um,24.0s		LR	LR
ISCO	Dawson 83.23 14 eP	P		19 17 14.4 +0.1
ISCO	Idaho Springs 83.38 46 eP	P		19 17 16.1 +0.5
ISCO	comp=E,127nm,2.1s,mb5.6		LR	LR
JCT	comp=Z,3um,20.0s,MS5.7		LR	LR
JCT	Junction City 84.02 56 eP	P		19 17 18.5 -0.7
JCT	comp=Z,63nm,1.5s,mb5.6		LR	LR
BJI	comp=Z,5um,20.0s,MS5.9		LR	LR
BJI	Beijing 85.36 313 eP	P		19 17 27.1 +1.5
BJI	comp=Z,49nm,2.0s,mb5.3		AMB	AMB
BJI	comp=N,2um,21.1s,MS5.6		LR	LR
BJI	comp=E,2um,23.3s,MS5.6		LR	LR
LAO	comp=Z,4um,25.5s,MS5.7		LR	LR
LAO	LASA Array 86.05 39 eP	P		19 17 29.3 +0.5
LAO	comp=Z,173nm,1.5s,mb5.1		LR	LR
RSSD	comp=Z,1um,20.0s,MS5.4		LR	LR
RSSD	Black Hills 86.31 42 eP	P		19 17 29.8 -0.4
RSSD	comp=Z,30nm,1.0s,mb5.5		pmx	pmx
RSSD	Black Hills 86.31 42 eP	P		19 17 29.6 -0.6
RSSD	comp=Z,30nm,1.0s,mb5.5		LR	LR
RSSD	comp=Z,741nm,19.0s,MS5.1		LR	LR
WMOK	Wichita Mounta 86.37 53 eP	P		19 17 29.1 -1.7
WMOK	comp=Z,26nm,1.4s,mb5.3		LR	LR
IPM	comp=Z,5um,21.0s,MS5.9		LR	LR
HKT	Hockley 86.95 276 eP	P		19 17 37.0 +2.9
HKT	comp=Z,170nm,1.9s,mb6.0		pmx	pmx
HKT	Hockley 87.06 58 eP	P		19 17 34.1 -0.1
HKT	comp=Z,169nm,1.9s,mb6.0		LR	LR
TIV	comp=Z,987nm,20.0s,MS5.2		LR	LR
TIV	Taiyuan 87.15 310 eP	P		19 17 32.6 -1.9
TIV	comp=N,1um,15.0s		LR	LR
CBKS	comp=Z,2um,20.0s,MS5.6		LR	LR
CBKS	Cedar Bluff 87.15 49 PFAKE	LR		19 17 50.0 +1.6
GYA	comp=Z,3um,20.0s,MS5.7		LR	LR
GYA	Guiyang 87.98 298 eP	P		19 17 42.6 +3.9
GYA	comp=Z,320nm,9.6s		AMB	AMB
GYA	comp=N,1um,21.5s,MS5.5		LR	LR
GYA	comp=E,2um,21.3s,MS5.5		LR	LR
MAW	comp=Z,2um,23.1s,MS5.4		LR	LR
MAW	Mawson 87.98 199 eS	S		19 28 11.5 -7.0
MAW	Mawson 87.98 199 P	P		19 17 38.2 +0.5
MAW	comp=Z,15nm,0.7s,mb5.3,baz=124,slow=6.8,SNR=27		S	19 28 07.7 -1.1
MAW	comp=Z,0.6nm,0.6s,baz=60,slow=22,SNR=2.1		LR	19 57 24.2
MAW	comp=Z,5um,18.3s,MS6.0,baz=118,slow=36		LR	19 17 38.4 +0.7
MAW	comp=Z,19nm,0.6s,mb5.5		LR	19 28 11.5 -7.0
DGMT	Dagmar 88.06 38 eP	P		19 17 39.0 +0.4
DGMT	comp=Z,76nm,1.0s,mb5.9		LR	LR
INK	comp=Z,5um,21.0s,MS5.9		LR	LR
INK	Inuvik 88.08 14 P	P		19 17 38.1 -0.1
INK	comp=Z,44nm,1.2s		pmx	pmx
INK	Inuvik 88.08 14 eP	P		19 17 37.9 -0.3
CLNS	comp=Z,44nm,1.3s,mb5.5		LR	LR
CLNS	Chui'man 88.08 331 eP	P		19 17 39.4 +0.9
CLNS		eS	S	19 28 01.7 -1.8
CLNS	comp=N,11nm,1.0s		pmx	pmx
CLNS	comp=E,8.0nm,1.0s		pmx	pmx
CLNS	comp=Z,19nm,1.0s,mb5.3		pmx	pmx
CLNS	comp=N,4.0nm,1.0s		pmx	pmx
CLNS	comp=Z,4.0nm,1.0s,mb4.6		pmx	pmx
CLNS	comp=E,3.0nm,0.8s		smx	smx
CLNS	comp=Z,231nm,12.4s		smx	smx
CLNS	comp=N,902nm,12.6s		smx	smx
CLNS	comp=E,116nm,11.8s		MLR	MLR
CLNS	comp=Z,4um,18.0s,MS5.9		MLR	MLR
CLNS	comp=N,2um,17.0s,MS5.7		MLR	MLR
CLNS	comp=E,300nm,16.0s,MS5.7		MLR	MLR
XAN	Xi'an 88.54 306 P	P		19 17 43.1 +1.8
XAN		AP	pP	19 17 49.0 +2.7
XAN		SKS	SKS	19 29 09.1 -4.5
XAN		S	S	19 28 30.2 +5.6
XAN	comp=N,800nm,20.9s,MS5.4		LR	LR
XAN	comp=E,2um,22.8s,MS5.4		LR	LR
NATX	comp=Z,2um,20.9s,MS5.6		LR	LR
NATX	Nacogdoches 88.60 57 eP	P		19 17 41.4 -0.2
NATX	comp=Z,60nm,1.0s,mb5.9		LR	LR
HHC	comp=Z,4um,20.0s,MS5.8		LR	LR
HHC	Hu-ho-hao-te 88.92 313 eP	P		19 17 44.0 +1.1
HHC		AP	pP	19 17 49.8 +1.8
HHC		PP	PP	19 21 12.4 -2.4
HHC		SKS	SKS	19 28 13.8 -1.9
HHC		S	S	19 28 30.1 +2.2
HHC		XS	XS	19 28 38.2
HHC		PS	PS	19 29 40.9 +3.9
HHC		SS	SS	19 34 27.3 +3.4
HHC		AMB	AMB	

HHC	comp=Z,35nm,1.6s,mb5.4		AMB	AMB
HHC	comp=Z,793nm,8.0s		LR	LR
HHC	comp=N,464nm,29.1s		LR	LR
HHC	comp=E,822nm,23.2s		LR	LR
HHC	comp=Z,1um,22.0s		LR	LR
YAK	Yakutsk 88.95 337 eP	P		19 17 43.0 +0.5
YAK		iS	S	19 28 12.0 -1.6
YAK	comp=Z,14nm,1.4s,mb5.1		pmx	pmx
YAK	comp=N,2.0nm,1.0s		pmx	pmx
YAK	comp=E,4.0nm,1.2s		smx	smx
YAK	comp=E,212nm,16.9s		smx	smx
YAK	comp=Z,84nm,14.7s		smx	smx
YAK	Yakutsk 88.95 337 eP	P		19 17 41.2 -1.3
YAK	comp=N,34nm,1.3s,mb5.5		P	
YKA	Yellowknife Ar 89.92 23 P	P		19 17 46.4 -0.7
YKA	comp=N,6.7nm,0.8s,mb5.0,baz=236,slow=4.3,SNR=13		S	19 28 17.7 -1.9
YKA	comp=N,1.2nm,0.6s,baz=207,slow=40,SNR=2.6		LR	19 54 39.5
BTO	comp=N,2um,18.2s,MS5.5,baz=230,slow=33		LR	19 17 49.2 +1.5
BTO	Baotou 89.93 312 eP	P		19 17 49.2 +1.5
MIAR	comp=Z,65nm,2.2s,mb5.6		LR	LR
MIAR	Mount Ida 90.35 54 eP	P		19 17 49.2 -0.5
MIAR	comp=Z,40nm,1.7s,mb5.5		LR	LR
KMI	comp=Z,5um,21.0s,MS5.9		P	
KMI	Kunming 90.97 296 eP	P		19 17 54.9 +2.1
KMI		AP	pP	19 17 58.0 +0.1
KMI		PP	PP	19 21 33.5 +1.9
KMI		SKS	SKS	19 28 25.2 -3.2
KMI		SS	SS	19 28 51.1 +4.3
KMI		LR	LR	19 34 57.4 +3.4
KMI	comp=N,1um,20.0s,MS5.6		LR	LR
KMI	comp=E,2um,18.5s,MS5.6		LR	LR
JTS	comp=Z,2um,19.1s,MS5.7		P	
JTS	JuntasAbangare 91.15 80 P	P		19 17 54.3 +0.4
JTS	comp=Z,24nm,1.0s,mb5.5,baz=301,slow=4.4,SNR=10		S	19 28 31.3 -1.7
JTS	comp=Z,3.4nm,0.3s,baz=312,slow=20,SNR=1.4		P	
JTS	JuntasAbangare 91.15 80 eP	P		19 17 54.7 +0.9
UALR	University of 91.38 54 eP	P		19 17 55.2 +0.7
CD2	Chengdu 91.73 301 eP	P		19 17 57.8 +1.6
CD2		AP	pP	19 18 02.6 +1.3
CD2		XP	sP	19 18 06.7 +3.8
CD2		SKS	SKS	19 28 30.7 -2.0
CD2		SS	SS	19 28 55.8 +2.3
CD2		AMB	AMB	19 35 06.1 +1.5
CD2	comp=Z,10.0nm,0.4s,mb5.5		AMB	AMB
CD2	comp=Z,780nm,10.9s		LR	LR
CD2	comp=N,3um,22.2s		LR	LR
FFC	comp=Z,3um,21.0s,MS5.7		LR	LR
FFC	Flin Flon 91.93 33 eP	P		19 17 58.2 +1.7
FFC	comp=Z,13nm,1.1s,mb5.2		LR	LR
SYO	comp=Z,400nm,19.0s,MS4.9		LR	LR
EFI	Syowa Base 92.79 191 eP	P		19 18 00.0 -0.1
EFI	East Falkland 93.04 146 PFAKE	LR		19 18 10.0 +8.3
EFI	comp=Z,2um,22.0s,MS5.5		LR	LR
VNA3	Neumayer Olymp 93.04 175 P	P		19 18 06.3 +5.0
VNA3	Neumayer Olymp 93.04 175 P	P		19 18 07.0 +5.7
VNA3	Neumayer Olymp 93.04 175 i/P	P		19 18 09.3 +8.0
VNA3	Neumayer Olymp 93.04 175 i/P	P		19 18 10.7 +9.4
SNA4	Sanae 93.09 177 P	P		19 18 01.4 -0.1
SNA4	Sanae 93.09 177 P	P		19 18 02.1 +0.6
SNA4	Sanae 93.09 177 i/P	P		19 18 04.9 +3.4
SNA4	Sanae 93.09 177 P	P		19 18 05.9 +4.4
SNA4	Sanae 93.09 177 eP	P		19 18 02.5 +1.0
SNA4	comp=Z,27nm,1.1s		pmx	pmx
SNA4	Sanae 93.09 177 P	P		19 18 02.1 +0.6
LZH	Lanzhou 93.13 306 eP	P		19 18 03.5 +1.0
LZH		AP	pP	19 18 06.7 -0.9
LZH		PP	PP	19 21 51.7 +3.0
LZH		SKS	SKS	19 28 35.6 -4.9
LZH		eS	S	19 28 08.5 +2.9
LZH		SS	SS	19 35 28.4 +3.4
LZH	comp=Z,58nm,1.5s,mb5.8		AMB	AMB
LZH	comp=Z,332nm,6.1s		LR	LR
LZH	comp=N,2um,15.2s		LR	LR
CCM	comp=Z,3um,18.3s,MS5.8		P	
CCM	Cathedral Cave 93.19 52 P	P		19 18 01.9 -0.8
CCM	comp=Z,11nm,0.9s,mb5.3		pmx	pmx
CCM	Cathedral Cave 93.19 52 eP	P		19 18 01.9 -0.8
VNA2	comp=Z,11nm,0.9s,mb5.3		P	
VNA2	Neumayer-Watz 93.54 175 i/P	P		19 18 08.2 +4.6
VNA2	Neumayer-Watz 93.54 175 i/P	P		19 18 09.8 +6.2
VNA2	Neumayer-Watz 93.54 175 i/P	P		19 18 11.2 +7.6
VNA2	Neumayer-Watz 93.54 175 P	P		19 18 12.4 +8.8
OXF	Oxford 93.63 55 P	P		19 18 05.1 +0.3
OXF	comp=Z,97nm,1.1s,mb6.2		pmx	pmx
OXF	Oxford 93.63 55 eP	P		19 18 04.3 -0.6
OXF	comp=Z,97nm,1.1s,mb6.1		LR	LR
OXF	comp=Z,4um,22.0s,MS5.8		LR	LR
VNA1	Neumayer-Stat 93.74 175 i/P	P		19 18 09.7 +5.2
VNA1	Neumayer-Stat 93.74 175 i/P	P		19 18 10.5 +6.0
VNA1	Neumayer-Stat 93.74 175 i/P	P		19 18 12.2 +7.7
VNA1	Neumayer-Stat 93.74 175 i/P	P		19 18 14.1 +10
ULM	Lac du Bonnet 93.77 99 P	P		19 18 03.6 -1.5
ULM	comp=Z,11nm,0.9s,mb5.3,baz=257,slow=4.2,SNR=11		S	19 28 41.5 -2.1
ULM	comp=Z,0.7nm,0.7s,baz=154,slow=21,SNR=1.3		LR	19 55 33.0
BOD	comp=Z,3um,19.1s,MS5.8,baz=255,slow=32		LR	19 18 03.4 -1.5
FVM	French Village 93.79 52 eP	P		19 18 05.5 0.0
FVM	comp=Z,239nm,1.0s,mb5.6		pmx	pmx
FVM	French Village 93.79 52 eP	P		19 18 05.0 -0.5
MAIT	Maitri 94.16 182 eP	P		19 18 07.6 +1.2
SOMM	Songino Array 94.72 318 P	P		19 18 09.4 -0.2
SOMM	comp=Z,1.7nm,0.9s,mb4.5,baz=145,slow=4.0,SNR=11		PP	19 21 55.1 -5.2
SOMM	comp=Z,2.9nm,1.2s,baz=124,slow=4.5,SNR=8.1		S	19 28 43.9 -5.0
SOMM	comp=Z,0.1nm,0.5s,baz=315,slow=30,SNR=2.7		S	19 18 10.5 -1.0
TIXI	Tiksi 94.83 344 eP	P		19 21 58.4
TIXI		i	i	19 28 42.8
TIXI		eS	S	19 35 45.8 -2.2
TIXI	comp=Z,42nm,1.1s,mb5.8		pmx	pmx
TIXI	Tiksi 94.83 344 eP	P		19 18 10.9 +1.4
LRL	Lakeview Retre 95.18 57 PFAKE	LR		19 18 20.0 +8.0
JFWS	comp=Z,2um,20.0s,MS5.5		LR	LR
JFWS	Jewell Farm 95.28 47 P	P		19 18 11.9 -0.3
JFWS	comp=Z,26nm,0.9s,mb5.7		pmx	pmx
JFWS	Jewell Farm 95.28 47 eP	P		19 18 11.5 -0.7
JFWS	comp=Z,26nm,0.9s,mb5.7		LR	LR
SWET	comp=Z,7um,22.0s,MS6.1		LR	LR
SWET	Sewanee 96.57 55 eP	P		19 18 16.7 -1.6
WCI	Wyandotte Cave 97.00 52 eP	P		19 18 29.1 +8.9
WCI		i	i	19 18 37.2
WCI		pmx	pmx	

GTA	comp=Z,12nm,0.6s,mb5.5		eP	
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Table with columns: YSS, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Yuzh-Sakhalins, Maruseppu, Ashorobuto, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK, LSA, VOSK, YKA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VYHS, LYX, TXAR, PRU, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KIMD, KIVV, KIKV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kevo, Oulu, Namsos, etc.

NEIC 03 23:39:02.2-4.4, 6.48S, 154.52E, h147km, 39km, mb4.6/9, Error ellipse: s-maj=24.4km s-min=18.0km az=65.0

IDC 03 23:39:10.0-16.0, 6.57S, 154.50E, h240km, 161km, mb3.6/7, mb1 3.8/8, mb1mx3.7/11, Error ellipse: s-maj=57.1km s-min=45.3km az=55.0

ISC 03 23:38:59.7-6.8, 6.45S, 0.2-154.5E, 0.2, h135km, 60km, n20, 15/10/20, mb4.3/14, 1C, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Warrungarra Arr, etc.

IDC 03 23:40:29.9-1.1, 9.18N, 126.90E, mb4.0/8, mb4.1/8, mb1mx4.0/16, Error ellipse: s-maj=113.0km s-min=16.7km az=72.0

MAN 03 23:40:34.2, 9.14N, 126.78E, h12km, mb4.9, ML3.8, MS3.9, NEIC 03 23:40:36.0-8.9, 16N, 126.79E, h50km, mb4.5/3, Error ellipse: s-maj=72.0km s-min=10.0km az=72.0

ISC 03 23:40:32.9-0.6, 9.21N, 126.00E, 0.05, h33km, n28, 15/25/35, mb4.0/11, 4D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bislig, Butuan, Surigao, Musuan, etc.

IDC 03 23:45:21.6-0.5, 9.11N, 126.54E, mb4.5/19, mb1 4.6/19, mb1mx4.5/23, ML5.5/1, MS4.6/3, Ms1 4.6/3, ms1mx4.0/21, Error ellipse: s-maj=30.2km s-min=11.8km az=76.0

MAN 03 23:45:24.1, 9.15N, 126.81E, h4km, mb5.4, ML4.4, MS4.7, MOS 03 23:45:24.7, 1.1, 9.09N, 126.57E, h33km, mb4.7/9, Error ellipse: s-maj=30.6km s-min=10.9km az=107.9

BJI 03 23:45:27.4, 9.04N, 126.65E, h16km, mb5.0, mb4.8, Ms4.7, Ms24.6

NEIC 03 23:45:28.8-1.4, 9.05N, 126.55E, h52km, 13km, mb4.7/24, Error ellipse: s-maj=11.3km s-min=4.6km az=71.0

ISC 03 23:45:24.5-0.2, 9.14N, 126.93E, 0.03, h33km, n132, 15/27/38, mb4.7/51, MS4.6/3, 3C-7D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bislig, Butuan, Surigao, Musuan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Catarmen, Jordan, Roxas, etc.

IDC 03 23:45:21.6-0.5, 9.11N, 126.54E, mb4.5/19, mb1 4.6/19, mb1mx4.5/23, ML5.5/1, MS4.6/3, Ms1 4.6/3, ms1mx4.0/21, Error ellipse: s-maj=30.2km s-min=11.8km az=76.0

MAN 03 23:45:24.1, 9.15N, 126.81E, h4km, mb5.4, ML4.4, MS4.7, MOS 03 23:45:24.7, 1.1, 9.09N, 126.57E, h33km, mb4.7/9, Error ellipse: s-maj=30.6km s-min=10.9km az=107.9

BJI 03 23:45:27.4, 9.04N, 126.65E, h16km, mb5.0, mb4.8, Ms4.7, Ms24.6

NEIC 03 23:45:28.8-1.4, 9.05N, 126.55E, h52km, 13km, mb4.7/24, Error ellipse: s-maj=11.3km s-min=4.6km az=71.0

ISC 03 23:45:24.5-0.2, 9.14N, 126.93E, 0.03, h33km, n132, 15/27/38, mb4.7/51, MS4.6/3, 3C-7D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Catarmen, Jordan, Roxas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mutribah, Umm Al-Ruwaia, etc.

IDC 03 23:47:41.6-0.9, 7.96S, 115.37E, h77km, 11km, MD5.5/4, ML4.1/3, 6C-2D, Error ellipse: s-maj=22.5km s-min=8.2km az=10.0, Bali Sea

MAN 03 23:53:04.0, 9.17N, 126.70E, h4km, mb4.9, ML3.8, MS3.9, NEIC 03 23:53:07.0-8.9, 15N, 126.70E, h50km, mb4.6/3, Error ellipse: s-maj=76.6km s-min=10.1km az=70.0

ISC 03 23:53:03.1-0.6, 9.25N, 126.07E, 0.05, h33km, n23, 15/19/27, mb4.1/10, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Butuan, Surigao, Musuan, etc.

IDC 03 23:53:00.3-1.5, 9.23N, 126.81E, mb4.0/7, mb1 4.1/7, mb1mx3.9/16, Error ellipse: s-maj=122.0km s-min=19.3km az=71.0

MAN 03 23:53:04.0, 9.17N, 126.70E, h4km, mb4.9, ML3.8, MS3.9, NEIC 03 23:53:07.0-8.9, 15N, 126.70E, h50km, mb4.6/3, Error ellipse: s-maj=76.6km s-min=10.1km az=70.0

ISC 03 23:53:03.1-0.6, 9.25N, 126.07E, 0.05, h33km, n23, 15/19/27, mb4.1/10, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Butuan, Surigao, Musuan, etc.

WEL 03 23:56:08.4-0.2, 40.91S, 173.90E, h80km, 3km, ML3.5/8, 2-2D, Error ellipse: s-maj=1.5km s-min=1.4km az=0.0, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Nelson, Tuamarina, etc.

Table with columns: ARU, Arti, 52.58 317 eP, 03 18 22.6 -2.1, etc. Lists various stations and their frequencies.

Table with columns: KIS, KSP, KOLS, KLL, CLL, etc. Lists various stations and their frequencies.

Table with columns: PGD, Poggio Sodo, 78.80 337 eP, P, 03 21 14.0 +1.7, etc. Lists various stations and their frequencies.

Table with columns: STB, KLL, BFO, HAU, HIN, HIN, etc. and values for stations like Steinbach, Kallitasperre, etc.

IDC 04 04:17:08.5:24.0, 11.67N, 124.86E, h184km, 236km, mb3.3/7, mb1 3.5/7, mb1mx3.6/12, MS3.1/1, Ms1 3.1/1, ms1mx2.5/24, Error ellipse: s-maj=168.0km s-min=25.8km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like Surigao, Tagaytay City, etc.

NEIC 04 04:32:21.1, 37.46N, 20.54E, h5km, MD3.5(ATH), After ATH, 04 04:32:21.1, 37.46N, 20.54E, h5km, MD3.5, 1C, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like Valsamata, Ithomi, etc.

IDC 04 04:32:47.2:9.1, 9.66S, 122.56E, h79km, 109km, mb3.5/3, mb1 3.7/6, mb1mx3.6/12, ML3.6/3, Error ellipse: s-maj=130.0km s-min=56.0km az=47.0, Savu Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like Fitzroy Crossi, Warramunga Arr, etc.

IDC 04 04:40:18.3:5.9, 9.2N, 0.1, 127.0E, 0.1, h20km, 43km, n8, 0659/9, mb3.6/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like Surigao, Tagbilaran, etc.

NEIC 04 04:41:37.6:0.4, 15.43N, 93.51W, h92km, 19km, MD4.1, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like San Cristobal, Comitán, etc.

IDC 04 05:01:35.9:0.9, 15.46S, 173.19W, mb4.0/6, mb1 4.2/7, mb1mx4.2/11, ML4.2/1, Error ellipse: s-maj=47.4km s-min=22.5km az=154.0

NEIC 04 05:01:36.7:0.7, 15.60S, 173.17W, h10km, mb4.3/2, MS4.5/1, Error ellipse: s-maj=29.7km s-min=15.0km az=177.0

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

Table with columns: MAW, KBC, KHC, GERES, BRTR, etc. and values for stations like Mawson, Kilima Mbogo, etc.

IDC 04 05:02:16.7:0.9, 15.58S, 173.16W, mb4.2/7, mb1 4.5/8, mb1mx4.4/13, ML4.4/1, MS4.3/2, Ms1 4.3/2, ms1mx4.3/2, Error ellipse: s-maj=52.7km s-min=19.4km az=152.0

NEIC 04 05:02:18.9:0.3, 15.47S, 173.20W, h10km, mb4.6/3, Error ellipse: s-maj=16.3km s-min=11.7km az=147.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, PPT, etc.

IDC 04 05:02:16.7:0.4, 15.55S, 173.21W, 0.09, h10km, n46, 1810/23, mb3.9/10, MS4.2/3, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, PPT, etc.

IDC 04 05:02:23.7:8.4, 15.57S, 173.59W, mb3.5/2, mb1 3.7/2, mb1mx3.5/9, Error ellipse: s-maj=373.0km s-min=63.2km az=140.0, Tonga Islands

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

GUC 04 05:33:17.0:1.0, 30.85S, 71.44W, h38km, 6km, MD3.5, ML2.7, 1C-2D, Near coast of central Chile

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

GUC 04 05:58:23.6:0.7, 34.88S, 70.39W, h1km, 2km, MD3.5, ML2.1, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like CICH, CICH, SFDO, etc.

IDC 04 05:03:48.7:0.7, 15.34S, 173.34W, mb4.3/10, mb1 4.5/11, mb1mx4.4/15, ML4.1/1, Error ellipse: s-maj=46.2km s-min=17.9km az=136.0

NEIC 04 05:03:50.4:0.3, 15.17S, 173.49W, h10km, mb4.7/3, Error ellipse: s-maj=20.6km s-min=9.5km az=131.0

IDC 04 05:03:52.2:0.5, 15.25S, 173.50W, 0.2, h33km, n50, 0677/17, mb4.3/12, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, URZ, etc.

IDC 04 05:03:50.4:0.3, 15.17S, 173.49W, h10km, mb4.7/3, Error ellipse: s-maj=20.6km s-min=9.5km az=131.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, URZ, etc.

Table with columns: SGMF, LDF, CDF, HAU, etc. and values for stations like Saint Gilles, La Drutierre, etc.

IDC 04 05:02:16.7:0.9, 15.58S, 173.16W, mb4.2/7, mb1 4.5/8, mb1mx4.4/13, ML4.4/1, MS4.3/2, Ms1 4.3/2, ms1mx4.3/2, Error ellipse: s-maj=52.7km s-min=19.4km az=152.0

NEIC 04 05:02:18.9:0.3, 15.47S, 173.20W, h10km, mb4.6/3, Error ellipse: s-maj=16.3km s-min=11.7km az=147.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like BNI, BNI, ORIF, etc.

IDC 04 05:04:50.1, 24.89N, 122.21E, h14km, ML2.3, JMA 04 05:05:15.2:0.5, 25.19N, 122.64E, h162km, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like IRIF, IRIF, JKRS, etc.

IDC 04 05:23:7.8:4, 15.57S, 173.59W, mb3.5/2, mb1 3.7/2, mb1mx3.5/9, Error ellipse: s-maj=373.0km s-min=63.2km az=140.0, Tonga Islands

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

GUC 04 05:33:17.0:1.0, 30.85S, 71.44W, h38km, 6km, MD3.5, ML2.7, 1C-2D, Near coast of central Chile

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

GUC 04 05:58:23.6:0.7, 34.88S, 70.39W, h1km, 2km, MD3.5, ML2.1, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like CICH, CICH, SFDO, etc.

IDC 04 05:03:48.7:0.7, 15.34S, 173.34W, mb4.3/10, mb1 4.5/11, mb1mx4.4/15, ML4.1/1, Error ellipse: s-maj=46.2km s-min=17.9km az=136.0

NEIC 04 05:03:50.4:0.3, 15.17S, 173.49W, h10km, mb4.7/3, Error ellipse: s-maj=20.6km s-min=9.5km az=131.0

IDC 04 05:03:52.2:0.5, 15.25S, 173.50W, 0.2, h33km, n50, 0677/17, mb4.3/12, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, URZ, etc.

IDC 04 05:03:50.4:0.3, 15.17S, 173.49W, h10km, mb4.7/3, Error ellipse: s-maj=20.6km s-min=9.5km az=131.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for stations like RAR, RAR, URZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINESS Array B, AKASG Malin Array Be, NOA NORSTAR Array B, etc.

NEIC 04 15:23:36.0, 34.975:70.53W, h4km, ML3.5(GUC), After GUC

GUC 04 15:23:36.0, 0.9, 34.975:70.53W, h4km, ML3.5, 6C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFDO San Fernando, NICH Los Niches, CICH Cipreses, etc.

IDC 04 15:39:31.2, 3.8, 5.58S, 102.60E, mb3.4/4, mb1 3.5/4, mb1mx3.4/14, Error ellipse: s-maj=157.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

OTT 04 15:59:29.8, 0.2, 52.76N, 67.21W, MN2.7/7, Blast, Mount Wright, Qc Mining explosion., Northern Quebec

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, MNO Manicouagan, SMQ Clarke City, etc.

NEIC 04 16:13:53.3, 3.7, 19.99S, 176.23W, h326km, 40km, mb4.1/10, Error ellipse: s-maj=37.1km s-min=11.3km

IDC 04 16:13:57.2, 6.2, 20.38S, 176.20W, h360km, 65km, mb3.8/5, mb1 3.7/7, mb1mx3.5/13, Error ellipse: s-maj=60.7km

ISC 04 16:13:48.5, 1.6, 19.65S, 0.2, 176.31W, 0.10, h288km, 15km, n31, c063/21, mb0.1/3, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, RAR Rarotonga, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBWA Marble Bar, HLID Hailey, ANMO Albuquerque, etc.

IDC 04 16:28:42.1, 1.9, 1.26N, 126.49E, mb3.6/4, mb1 3.8/4, mb1mx3.6/13, Error ellipse: s-maj=170.0km

s-min=24.9km az=64.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 04 17:03:15.0, 0.7, 15.01S, 173.56W, mb4.2/12, mb1 4.3/12, mb1mx4.3/14, MS3.7/6, Mst 3.7/6, ms1mx3.6/11, Error ellipse: s-maj=35.6km s-min=16.2km az=137.0

NEIC 04 17:03:17.3, 0.3, 15.01S, 173.63W, h10km, mb4.4/9, Error ellipse: s-maj=16.7km s-min=8.1km az=138.0

ISC 04 17:03:15.7, 0.4, 15.0S, 0.1, 173.7W, 0.1, h10km, n42, c0584/26, mb4.2/21, MS3.8/5, 1C, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAR Rarotonga, URZ Urewera, RPZ Rata Peale Qui, etc.

WEL 04 17:54:47.7, 0.4, 35.46S, 178.95E, h217km, 6km, ML3.7/3, Error ellipse: s-maj=9.4km s-min=6.9km az=90.0, Off east coast of N-Ireland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ Puketiti, PUZ Matawai, etc.

IDC 04 17:35:58.6, 5.3, 1.34S, 134.11E, h235km, 57km, mb2.9/3, mb1 3.1/5, mb1mx3.0/14, Error ellipse: s-maj=33.7km

s-min=19.6km az=98.0, Irian Jaya region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCPH Surigao, WRA Warramunga Arr, ASAR Alice Springs, etc.

NNC 04 17:50:30.5, 7.8, 36.59N, 70.86E, h146km, 68km, mpv3.6, Error ellipse: s-maj=120.8km s-min=62.5km az=91.0

MOS 04 17:50:36.1, 0.6, 37.13N, 70.52E, h106km, 64.5/3, Error ellipse: s-maj=23.6km s-min=12.1km az=84.7

ISC 04 17:50:25.8, 1.7, 36.37N, 0.07, 70.6E, 0.2, h79km, 15km, n31, c1910/36, mb4.4/3, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, KK31 Karatay Arr, etc.

WEL 04 18:07:48.8, 0.4, 36.52S, 179.23W, h33km, ML4.7/7, Error ellipse: s-maj=6.4km s-min=4.1km az=0.0

HRVD 04 18:07:48.0, 7.3, 86.7S, 179.04W, h22km, 1km, MW4.9/37, Centroid moment tensor solution. LP body waves:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ Puketiti, PUZ Matawai, etc.

4d 19h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Saint Martin, Ploggiola, La Foret Royal, etc.

IDC 04 18:26:24.4... 13.88N... 120.43E, h137km, 8km, mb3.5/8, mb1 3.6/8, mb1mx3.5/11, Error ellipse: s-maj=4.0, 1.3km s-min=13.7km az=67.0

NEIC 04 18:26:24.9... 11.1, 13.86N... 120.43E, h141km, 10km, mb4.3/1, Error ellipse: s-maj=3.8km s-min=12.0km az=66.0

IDC 04 18:26:23.5... 0.9, 13.9N... 0.1, 120.5E, 0.3, h143km, gkm, n14, s061/16, mb3.7/9, 2C-1D, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tagaytay City, Mount Natib, etc.

GUC 04 18:39:33.1... 0.8, 33.64S... 71.43W, h46km, 1km, MD3.3, ML2.7

NEIC 04 18:39:33.1, 33.64S... 71.43W, h46km, MD3.3(GUC), After GUC

IDC 04 18:39:33.4... 1.1, 33.63S... 0.04, 71.49W, 0.07, h42km, 13km, n14, s064/27, 8C-4D, Near coast of central Chile

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

IDC 04 18:52:46.0... 0.7, 44.63N... 150.33E, h57km, 6km, mb3.5/10, mb1 3.6/11, mb1mx3.6/19, Error ellipse: s-maj=17.6km s-min=16.2km az=2=0

IDC 04 18:52:44.6... 0.8, 44.62N... 0.1, 150.0E, 0.2, h57km, (h54km, 1.4km, pp-P), n14, s088/12, 10C-2D, East of Kuril Islands

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

2004 SEP

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

NEIC 04 19:07:04.7, 34.98S... 70.49W, h2km, ML2.8(GUC), After GUC

GUC 04 19:07:04.7... 0.7, 34.98S... 70.49W, h2km, 4km, MD3.6, ML2.8, 7C-4D, Chile-Argentina border region

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

IDC 04 19:21:15.9... 16.0, 55.95S... 92.01W, h111km, 138km, mb3.9/1, mb1 3.9/4, mb1mx3.7/10, Error ellipse: s-maj=57.5km s-min=50.9km az=6=0

NEIC 04 19:21:23.8... 2.9, 55.90S... 28.26W, h183km, 27km, mb4.1/5, Error ellipse: s-maj=29.6km s-min=10.5km az=57.0

IDC 04 19:21:22.7... 4.0, 55.95S... 0.2, 28.15W, 0.4, h191km, 41km, n25, s072/15, mb4.0/8, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VNA1, VNA3, etc.

IDC 04 19:23:32.3... 16.0, 17.56S... 174.27W, mb4.0/5, mb1 4.1/5, mb1mx3.9/11, Error ellipse: s-maj=312.0km s-min=144.2km az=79.0, Tonga Islands

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

IDC 04 19:31:16.5... 1.0, 21.50S... 169.84E, mb4.1/7, mb1 4.3/8, mb1mx4.2/11, ML4.1/1, MS3.8/5, Ms1 3.8/5, ms1mx3.6/12, Error ellipse: s-maj=33.6km s-min=26.2km az=158.0

LDG 04 19:31:18.5... 0.2, 21.48S... 169.20E, h10km, Mb4.6/2, Error ellipse: s-maj=24.8km s-min=3.0km az=159.0

NEIC 04 19:31:19.6... 6.7, 21.52S... 169.79E, h20km, 39km, mb4.7/12, Error ellipse: s-maj=17.5km s-min=10.4km az=54.0

BUI 04 19:31:25.0, 20.84S... 169.34E, h36km, mb4.6, mb4.7

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ISC 04 19:31:19.8... 3.3, 21.60S... 0.07, 169.65E, 0.08, h27km, 23km, n100, s101/37, mb4.4/16, MS3.7/4, 10C-2D, Southeast of Loyalty Islands

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

Table with columns: PGF, Pioggiola, 153.56 327 ePKP1, PKPdf, 19 51 16.7 +3.8, etc.

IDC 04 19:51:59.7±2.3, 15.455±173.68W, mb3.8/3, mb1 4.1/3, mb1mx3.9/9, MS3.8/2, Ms1 3.8/2, ms1mx3.4/19, Error ellipse: s-maj=155.0km s-min=30.1km az=152.0, Tonga Islands

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

IDC 04 20:05:10.8±1.3, 37.02N±27.68E, mb3.6/1, mb1 3.4/6, mb1mx3.3/22, ML3.3/5, Error ellipse: s-maj=28.3km s-min=14.3km az=148.0

ISK 04 20:05:12.3, 37.00N±27.85E, h16km, MD3.2 NEIC 04 20:05:13.7, 36.86N±27.62E, h12km, MD3.4(ATH), After ATH

ATH 04 20:05:13.0, 36.86N±27.65E, h5km, MD3.4/6 ISK 04 20:05:11.6±0.5, 36.92N±0.03±27.81E±0.03, h14km±4km, n26, ±0.95/40, mb3.3/1, 3C, Dodecanese Islands

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

NEIC 04 20:12:25.1±4.8, 9.50S±107.71E, h50km±40km, mb4.0/3, Error ellipse: s-maj=50.5km s-min=12.7km az=58.0

DJA 04 20:12:28.2±1.0, 10.95S±108.43E, h24km±6km, MD5.0/3, ML5.1/3, Error ellipse: s-maj=93.7km s-min=21.3km az=160.0

IDC 04 20:12:45.0±5.2, 8.97S±108.66E, h22km±56km, mb3.3/9, mb1 3.4/10, mb1mx3.3/18, MS3.0/1, Ms1 3.0/1, ms1mx2.9/8, Error ellipse: s-maj=76.9km s-min=10.9km az=47.0

ISC 04 20:12:33.7±2.6, 9.1S±108.4E±1.1, h137km±22km, n19, ±0.139/24, mb3.7/12, 3C-5D, South of Java

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

IDC 04 20:14:24.7±1.5, 25.54N±141.38E, mb3.5/3, mb1 3.7/3, mb1mx3.4/19, Error ellipse: s-maj=41.0km s-min=21.8km az=103.0, Volcano Islands region

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

IDC 04 20:17:25.2±1.8, 27.98N±142.29E, mb3.8/8, mb1 3.9/8, mb1mx3.7/21, Error ellipse: s-maj=83.0km s-min=21.4km az=78.0

ISC 04 20:17:28.9±1.4, 27.97N±0.2±142.0E±0.5, h33km±9, ±0.53/9, mb3.8/8, Bonin Islands region

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

IDC 04 20:18:37.4±8.0, 5.73N±124.08E, h514km±114km, mb3.1/8, mb1 3.1/8, mb1mx3.1/20, Error ellipse: s-maj=46.8km s-min=13.8km az=61.0

NEIC 04 20:18:41.9±3.9, 5.57N±123.87E, h581km±58km, mb3.9/7, Error ellipse: s-maj=31.2km s-min=11.3km az=57.0

ISC 04 20:18:41.4±0.7, 5.01N±0.1±123.9E±0.2, h600km±116, ±0.91/16, mb3.9/15, Mindanao

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

IDC 04 20:23:41.4±3.5, 15.48S±173.57W, mb3.9/4, mb1 4.3/4, mb1mx3.9/13, Error ellipse: s-maj=183.0km s-min=27.0km az=145.0, Tonga Islands

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

IDC 04 20:24:05.1±0.5, 15.28S±173.48W, mb4.6/20, mb1 4.7/21, mb1mx4.7/22, ML4.3/1, MS5.1/10, Ms1 5.1/10, ms1mx5.0/14, Error ellipse: s-maj=24.5km s-min=13.5km az=140.0

BUJ 04 20:24:07.4, 14.32S±173.49W, h5km, mb5.7, mb5.2, Ms5.3, Ms2.1

HRVD 04 20:24:07.8±0.1, 14.83S±173.18W, h12km, MW5.7/77, Centroid moment Tensor Solution. LP body waves: s59 c120, Mantle waves: s77 c172. Half duration: 1.7 Moment tensor: Scale 10^17Nm; M=0.55±0.4; Mw=1.31±0.4; Mb=1.85±0.4; Mo=0.78±1.2; Mv=1.97±0.3; Mw=2.68±1.0; Best double couple: M=3.79x10^17 NP1φ111°, δ41°, λ8°. NP2φ15°, δ85°, λ131°. Principal axes: T 3.67, P1636°, ASz321°, N 24, P141°, Azm191°, P-3.91, P1g28°, Azm74°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 20:24:07.8±0.2, 14.83S±173.24W, h10km, mb5.3/52, MS5.3/68, MW5.6. Error ellipse: s-maj=11.4km s-min=7.2km az=143.0, Moment Tensor Solution. s8 Moment tensor: Scale 10^17Nm; M=1.13; Mw=0.30; Ms=1.42; Mb=1.53; Mo=0.18; Mv=2.52; Best double couple: M=3.2x10^17 NP1φ149°, δ18°, λ34°. NP2φ27°, δ80°, λ105°. Principal axes: T 3.33, P1g52°, Azm314°, N-23, P1g15°, Azm204°, P-3.11, P1g34°, Azm104°.

SYO 04 20:24:07.5, 14.85S±173.29W, h10km, MB5.3, MS5.3 MOS 04 20:24:10.3±1.3, 14.78S±173.25W, h33km, mb5.5/31, MS5.2/27, Error ellipse: s-maj=17.2km s-min=9.5km az=65.4

ORF 04 20:24:16.8, 14.51S±174.79W, h30km, mb6.2 ISK 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

Table with columns: PAE, Paea, 22.96 100 eP, P, 20 29 15.1 +3.2, etc.

ISC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

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

IDC 04 20:24:06.8±0.2, 14.91S±0.06±173.34W±0.05, h15km, h16km±2.3km±pP, n448, ±1.20/189, mb5.1/85, MS5.2/94, 38C-5D, Samoa Islands region

4d 20h

Table with columns: WCN, comp, value, unit, direction, and other codes. Includes entries like Washoe City, Hull Mountain, Pah Rah Range, etc.

2004 SEP

Table with columns: DIV, Divide, value, unit, direction, and other codes. Includes entries like South Promonto, Davenport, San Rafael, etc.

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Table with columns: BJT, comp, value, unit, direction, and other codes. Includes entries like Bajiatuau, Beijing, Wichita Moun, etc.

4d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FNV D Fontana Vidola, RSM Repubblica di, GRG Griva, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIPH Bislig, SCPH Surigao, WRA Warrunganga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiadz, UPC Ujic, DPC Dobruska-Polom, etc.

IDC 04 21:53:06.2, 0.7, 12.53N-87.75W, h56km, 4km, mb4.1/19, mb1.4, 3/21, mb1mx4.2/25, MS4.0/1, Ms1.4, 0/1=1, ms1mx3.9/17, Error ellipse: s-maj=21.1km s-min=8.8km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CRIN Poneloya, CRIN Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOOS Boqueron, SBLS San Blas, SNJE San Jose, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIPH Bislig, SCPH Surigao, WRA Warrunganga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDCO Great Sand Tun, BINY Birmingham, BINY Binangonan, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

Table with columns for flight codes (e.g., INCN, NJ2, YSS), destinations (e.g., Nanjing, Yuzh-Sakhalins, Severo-Kuril's), times, and status indicators (e.g., P, S, AMB).

Table with columns for flight codes (e.g., KMI, CMAR, XAN), destinations (e.g., Chiang Mai, Xi'an, Baotou), times, and status indicators (e.g., P, S, AMB).

Table with columns for flight codes (e.g., YAK, SONM, HUMO), destinations (e.g., Songino Array, Hul Mountain, Calcutta), times, and status indicators (e.g., P, S, AMB).

ISCO	comp=Z,2um,19.0s,MSS.7	Idaho Springs	99.64	51	PFAKE	LR	LR	00 10 30.0	+10
JCT	comp=Z,1um,19.0s,MSS.5	Junction City	101.19	62	PFAKE	LR	LR	00 10 40.0	+13
LAO	comp=Z,2um,20.0s,MSS.7	LASA Array	101.46	44	PFAKE	LR	LR	00 10 40.0	+12
RSSD	comp=Z,3um,19.0s,MSS.8	Black Hills	102.13	47	PFAKE	LR	LR	00 10 40.0	+9.3
YKA	comp=Z,945nm,20.0s,MSS.3	Yellowknife Ar	102.35	27	P	Pdf		00 10 32.4	+1.2
MKAR	comp=Z,1.2nm,0.6s,baz=282,slow=5.8,SNR=4.0	Makanchi Array	103.13	315	P	Pdf		00 10 37.2	+2.1
MKAR	comp=Z,1.4nm,1.1s,baz=79,slow=7.3,SNR=2.9	Makanchi Array	103.13	315	P	Pdf		00 10 37.2	+2.1
WMOK	comp=Z,2um,20.0s,MSS.6	Wichita Mounita	103.27	58	PFAKE	LR	LR	00 10 50.0	+14
DGMT	comp=Z,2um,20.0s,MSS.6	Dagmar	103.31	43	PFAKE	LR	LR	00 10 50.0	+14
ZAL	comp=Z,2um,19.0s,MSS.6	Zalesovo	103.68	323	Pdf	Pdf		00 10 39.2	+2.0
CBKS	comp=Z,0.5nm,0.4s,baz=79,slow=17,SNR=2.0	Cedar Bluff	103.68	54	PFAKE	LR	LR	00 10 50.0	+12
TRQA	comp=Z,1um,19.0s,MSS.4	Tornquist	103.93	141	PFAKE	LR	LR	00 10 50.0	+11
NATX	comp=Z,1um,19.0s,MSS.4	Nacogdoches	105.78	62	PFAKE	LR	LR	00 15 10.0	
FFC	comp=Z,3um,20.0s,MSS.9	Flin Flon	106.29	37	PFAKE	LR	LR	00 15 10.0	
KURK	comp=Z,244nm,19.0s,MS4.8	Kurchatov	106.50	318	PFAKE	LR	LR	00 15 10.0	
NNA	comp=Z,290nm,21.0s,MS4.8	Nana	107.19	111	PFAKE	LR	LR	00 15 10.0	
MIAR	comp=Z,461nm,19.0s,MSS.1	Mount Ida	107.36	59	PFAKE	LR	LR	00 15 10.0	
AAK	comp=Z,2um,19.0s,MSS.8	Ala-Archa	107.44	310	PFAKE	LR	LR	00 15 10.0	
JTS	comp=Z,244nm,20.0s,MS4.8	JuntasAbangare	108.26	86	PFAKE	LR	LR	00 15 20.0	
LVC	comp=Z,636nm,21.0s,MS5.2	Limon Verde	108.50	124	PFAKE	LR	LR	00 15 20.0	
CCM	comp=Z,1um,19.0s,MSS.5	Cathedral Cave	109.97	56	PFAKE	LR	LR	00 15 20.0	
OXF	comp=Z,2um,20.0s,MSS.6	Oxford	110.71	60	PFAKE	LR	LR	00 15 20.0	+9.1
JFWS	comp=Z,2um,20.0s,MSS.6	Jewell Farm	111.60	51	PFAKE	LR	LR	00 15 20.0	+7.6
BRVK	comp=Z,2um,20.0s,MSS.7	Borovoye	111.98	320	PFAKE	LR	LR	00 15 20.0	+7.2
WVT	comp=Z,346nm,19.0s,MS5.0	Waverly	112.29	59	PFAKE	LR	LR	00 15 20.0	+6.1
LRAL	comp=Z,2um,19.0s,MSS.7	Lakeview Retre	112.38	62	PFAKE	LR	LR	00 15 20.0	+5.8
WCI	comp=Z,2um,20.0s,MSS.8	Wyandotte Cave	113.85	57	PFAKE	LR	LR	00 15 30.0	+13
ACSO	comp=Z,2um,19.0s,MSS.7	Alum Creek Sta	116.65	55	PFAKE	LR	LR	00 15 30.0	+7.6
NHSC	comp=Z,3um,21.0s,MSS.9	New Hope	118.03	63	PFAKE	LR	LR	00 15 30.0	+4.8
BLA	comp=Z,3um,21.0s,MSS.9	Blacksburg	118.34	58	PFAKE	LR	LR	00 15 40.0	+14
SUR	comp=Z,2um,19.0s,MSS.8	Sutherland	118.81	210	PFAKE	LR	LR	00 15 40.0	+13
ARU	comp=Z,288nm,19.0s,MS4.9	Arti	118.81	324	iPKIKP	PKPpdf		00 15 22.4	-3.8
ARU					ePPP	PP		00 16 45.5	0.0
ARU					iPS	SS		00 26 34.5	+5.7
ARU					iSS	SS		00 32 57.0	-3.8
ARU								00 15 40.0	+14
MCWV	comp=Z,298nm,19.0s,MS4.9	Mont Chateau	119.00	56	PFAKE	LR	LR	00 15 40.0	+13
ERPA	comp=Z,2um,20.0s,MSS.8	Erie	119.05	53	PFAKE	LR	LR	00 15 40.0	+13
SAML	comp=Z,2um,20.0s,MSS.8	Samuel	120.42	115	PFAKE	LR	LR	00 15 40.0	+10
SSPA	comp=Z,3um,21.0s,MSS.9	Standing Stone	120.56	55	PFAKE	LR	LR	00 15 40.0	+10
CBN	comp=Z,1um,20.0s,MSS.6	Corbin	120.83	57	PFAKE	LR	LR	00 15 40.0	+9.4
SDV	comp=Z,4um,20.0s,MSS.0	Santo Domingo	121.16	92	PFAKE	LR	LR	00 15 40.0	+8.2
NCB	comp=Z,862nm,19.0s,MS5.4	Newcomb	123.30	51	PFAKE	LR	LR	00 15 40.0	+9.9
HRV	comp=Z,3um,20.0s,MSS.6	Harvard-Oak R	125.31	52	PFAKE	LR	LR	00 15 50.0	+11
WES	comp=Z,2um,19.0s,MSS.9	Weston	125.49	52	PFAKE	LR	LR	00 15 50.0	+11
WVL	comp=Z,3um,20.0s,MSS.0	Waterville	126.53	50	PFAKE	LR	LR	00 15 50.0	+8.7
ARCES	comp=Z,10um,22.0s,MS6.4	ARCCESS Array B	126.93	345	PKP	PKPpdf		00 15 37.9	-3.5
ARCES	comp=Z,4.9nm,0.9s,baz=45,slow=1.7,SNR=6.7	ARCCESS Array B	126.93	345	PKP	PKPpdf		00 15 37.9	-3.5
LSZ	comp=Z,1um,20.0s,MSS.7	Lusaka	127.37	230	PFAKE	LR	LR	00 15 50.0	+6.3
SJG	comp=Z,1um,20.0s,MSS.7	San Juan	127.92	83	PFAKE	LR	LR	00 15 50.0	+5.2
KMBO	comp=Z,817nm,19.0s,MS5.4	Kilima Mbogo	128.15	251	PKP	PKPpdf		00 15 44.5	-0.9
KMBO	comp=Z,5.5nm,1.3s,baz=90,slow=4.0,SNR=3.0	Kilima Mbogo	128.15	251	PKP	PKPpdf		00 15 44.5	-0.9
BDFB	comp=Z,1um,20.0s,MSS.5	Brasilia	128.26	132	PKP	PKPpdf		00 15 46.2	+0.7
ZEI	comp=Z,3.2nm,0.8s,baz=127,slow=4.0,SNR=5.0	Tsey	129.85	309	ePKIKP	PKPpdf		00 15 44.0	-3.8
ZEI					ePS	PS		00 28 14.0	+8.2
ZEI					iSS	SS		00 35 40.0	+19
BBSR	comp=Z,700nm,10.0s	BB Station	130.98	65	PFAKE	LR	LR	00 16 00.0	+10
OBN	comp=Z,1um,21.0s,MSS.5	Obninsk	131.11	326	PFAKE	LR	LR	00 16 00.0	+10
TSUM	comp=Z,316nm,21.0s,MS5.0	Tsumeb	135.25	217	PFAKE	LR	LR	00 16 00.0	+8.9
FINES	comp=Z,3um,20.0s,MSS.0	FINES Array B	142.37	337	PKP	PKPpdf		00 15 50.4	-1.7
FINES	comp=Z,0.8nm,0.7s,baz=117,slow=4.3,SNR=4.5	FINES Array B	142.37	337	SKPbc	PKPpdf		00 19 17.6	
SOC	comp=Z,5.4nm,0.9s,baz=90,slow=7.6,SNR=10	Sochi	132.74	310	ePKIKP	PKPpdf		00 15 49.7	-3.6

SOC	ePPP	PPP	00 21 04.9	-6.6				
SOC	eSS	SS	00 36 00.1	+3.7				
SOC	pmax	pmax						
SOC	comp=Z,13nm,0.8s							
ANN	comp=N,21nm,1.0s							
ANN	comp=E,22nm,0.8s							
ANN	Anapa	134.06	312	ePKHKP	pmax	00 15 27.4		
MBAR	comp=Z,37nm,0.9s	Mbarara	134.09	247	PFAKE	LR	00 16 10.0	+13
SIM	comp=Z,334nm,19.0s,MS5.1	Simferopol'	136.28	314	ePKIKP	PKPpdf	00 15 58.0	-1.7
AKASG	comp=Z,50nm,8.5s	Malin Array Be	137.06	323	PKP	PKPpdf	00 15 60.0	-1.0
AKASG	comp=Z,0.2nm,0.2s,baz=52,slow=1.3,SNR=5.1				SKPbc		00 19 31.6	
NB2	comp=Z,0.9nm,0.7s,baz=45,slow=3.1,SNR=5.6	NORSAR Subarray	137.30	344	PKP	PKPpdf	00 15 59.8	-1.3
NOA	comp=Z,1.6nm,0.9s,baz=31,slow=1.9	NORSAR Array B	137.30	344	PKP	PKPpdf	00 15 59.6	-1.6
NOA	comp=Z,0.6nm,0.9s,baz=181,slow=2.1,SNR=3.2				SKPbc		00 19 32.5	-0.6
BRTR	comp=Z,0.7nm,0.8s,baz=52,slow=8.8,SNR=3.6	Keskin Array B	138.00	306	PKP	PKPpdf	00 16 02.5	-0.6
KONO	comp=Z,0.3nm,0.6s,baz=342,slow=3.9,SNR=3.4	Kongsberg	138.91	344	PFAKE	LR	00 16 10.0	+5.8
KIS	comp=Z,1um,21.0s,MSS.7	Kishinev	138.97	318	ePKHKP		00 15 54.0	
MUD		Monsted U'grnd	140.80	342	iP	PKPpdf	00 16 05.1	-4.2
MUD					SS	SS	00 19 11.5	-2.8
MUD					iS	PP	00 37 43.8	+0.4
OKC	comp=Z,1.2nm,20.6s	Ostrava-Krasne	143.40	328	ePKIKP	PKPpdf	01 21 20.0	-1.0
RCBR	comp=Z,1.2nm,20.6s	Riachuelo	143.53	135	PFAKE	LR	00 16 20.0	+11
KSP	comp=Z,1um,20.0s,MSS.6	Ksiaz	143.59	331	ePKIKP	PKPpdf	00 16 07.0	-5.6
KSP	comp=Z,4um,21.6s,MS6.2	Ksiaz	143.59	331	ePKIKP	PKPpdf	00 16 07.0	-5.6
PSZ	comp=Z,4um,21.6s,MS6.2	Piszkesteto	143.70	325	ePKIKP/A	PKPpdf	00 16 12.7	
MORC	comp=Z,4um,21.6s,MS6.2	Moravsky Berou	143.73	329	ePKIKP	PKPpdf	00 16 11.0	-1.8
DPC	comp=Z,2.4nm,22.5s	Dobruska-Polom	143.92	330	ePKIKP	PKPpdf	01 20 20.0	-1.3
UPC	comp=Z,1.6nm,21.8s	Udice	143.95	331	ePKIKP	PKPpdf	00 16 08.8	-4.4
PVCC		Panska Ves	144.58	332	ePKIKP	PKPpdf	00 16 10.8	-3.5
BRG	comp=Z,1.6nm,21.8s	Berggiesshubel	144.60	333	iPKIKP	PKPpdf	00 16 11.1	-3.3
BRG					pmax	pmax	00 16 18.9	
BRG	comp=Z,31nm,1.1s				MLR	MLR	00 16 11.1	-3.3
BRG	comp=N,1um,18.8s,MS5.8				MLR	MLR	00 16 18.9	
BRG	comp=E,810nm,18.8s,MS5.8				MLR	MLR	00 16 11.1	-3.3
BRG	comp=Z,2um,17.6s,MS6.0	Berggiesshubel	144.60	333	iPKP	PKPpdf	00 16 18.9	
BRG					i	i	00 16 28.8	
BRG					i	i	00 20 06.1	
BRG					i	i	00 39 25.0	
BRG					i	i	00 39 37.0	
BRG					i	i	00 43 32.0	
CLL	comp=Z,2um,17.6s,MS6.0	Collm	144.67	334	ePKIKP	PKPpdf	00 16 10.0	-4.5
CLL					e	e	00 16 13.0	
CLL					ePPP	PP	00 19 41.0	+9.3
CLL					eSS	SS	00 38 25.0	+8.7
CLL					eSSS	SSS	00 43 28.0	-1.5
CLL					ePKIKP	PKPpdf	00 16 10.0	-4.5
CLL					pmax	pmax	00 16 10.0	-4.5
BOLS	comp=Z,2um,20.4s,MS5.8	Boljevac	144.72	317	iP	PKPbc	00 16 11.4	+0.1
PRU		Prunice	144.99	331	ePKIKP	PKPpdf	00 16 11.5	-3.6
ESK	comp=Z,1.8nm,23.0s	Eskdalemuir	145.44	352	ePKPpdf	LR	00 16 12.4	-3.2
GRUS	comp=Z,232nm,19.0s,MS5.0	Gruza	145.47	318	iP	PKPbc	00 16 14.3	+1.1
VAY		Valandovo	145.47	313	iPKP	PKPpdf	00 16 21.6	+5.4
BBH		Brantshel	145.58	352	eP	PKPbc	00 16 12.3	-0.8
BWH		Wardlaw	145.63	353	eP	PKPbc	00 16 13.1	-0.2
GLU		Gull of Kintyre	145.65	355	eP	PKPbc	00 16 13.7	+0.3
BHH		Howats Hill	145.66	352	eP	PKPbc	00 16 13.0	+2.2
WIT		Witteveen	145.68	341	eP	PKPbc	00 16 16.4	+2.9
NKC	comp=Z,41nm,1.7s	Novy Kostel	145.71	333	ePKP	PKPpdf	00 16 14.0	-2.1
MOX	comp=Z,1.1nm,19.5s	Moxa	145.74	335	iP	PKPbc	00 16 13.2	-0.5
MOX	comp=Z,logA/T=1.5				SS	SS	00 38 44.0	+16
MOX					SS	SS	01 24 11.0	
MOX	comp=Z,52nm,1.8s	Moxa	145.74	335	ePKIKP	pmax	00 16 13.2	-3.1
MOX					pmax	pmax	00 16 19.0	
BTA	comp=Z,1um,21.0s,MS5.6	Talkin	145.77	352	eP	PKPbc	00 16 13.8	+0.1
DIVS		Divcobar	145.80	319	eP	PKPbc	00 16 03.3	-1.1
BDL		Dbocross Hall	145.90	352	eP	PKPbc	00 16 14.3	+0.3
SKO		Skojpe	145.93	315	iPKP	PKPpdf	00 16 15.1	-1.8
GCL		Cushendall	145.97	355	eP	PKPbc	00 16 16.2	+2.5
BBO1		Bothel	146.01	352	eP	PKPbc	00 16 13.8	-0.5
KHC		Kasperske Hory	146.04	331	ePKP	PKPpdf	00 16 14.4	-2.5
KHC					x	x	00 16 30.5	
KHC					x	x	01 28 10.0	
KHC	comp=Z,1.7nm,18.1s	Kasperske Hory	146.04	331	ePKP2	MLR	00 16 14.4	-2.6
GALI	comp=Z,2um,18.1s,MS5.9	Galloway	146.05	354	eP	PKPbc	00 16 13.9	-0.4
CKE		Keswick	146.14	352	eP	PKPbc	00 16 15.4	+0.9
GERES	comp=Z,1.3nm,19.5s	GERESS Array B	146.19	331	PKPbc	PKPpdf	00 16 15.7	+0.8
GERES	comp=Z,3.4nm,0.7s,b							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

BUJ 05:01:17:10.5, 8.44S, 150.01E, h11km, mb5.0
IDC 05:01:17:12.8, 0.7, 8.66S, 149.68E, h14km, mb4.8/10,
mb1.4, 8/12, mb1mx4.8/14, MS4.1/7, Ms1.4/17,
ms1mx3.9/14, Error ellipse: s-maj=14.9km s-min=10.6km
az=119.0

NEIC 05:01:17:12.6, 0.3, 8.62S, 149.77E, mb4.8/25, Error ellipse:
s-maj=7.9km s-min=6.4km az=106.0
ISC 05:01:17:11.2, 0.3, 8.69S, 0.05:149.73E, 0.06, h11km,
h115km, 2.3km, p-P, n95, e:85/72, mb4.8/39, 2C-2D,

Main table for Eastern New Guinea region, listing stations like Port Moresby, Wau, Rabaul, Charters Tower, etc., with their respective codes and coordinates.

Main table for Tonga Islands, listing stations like MKAR, GSPA, ZAL, KURK, etc., with their respective codes and coordinates.

IDC 05:01:27:33.9, 0.8, 15.27S, 173.27W, mb4.1/8, mb1.4, 4/9,
mb1mx3.4/15, ML3.8/1, MS4.1/3, Ms1.4, 1/3, ms1mx3.9/13,
mb1mx4.8/15, mb1mx4.7km s-min=19.7km az=134.0
NEIC 05:01:27:35.8, 0.4, 15.16S, 173.45W, h110km, mb4.6/8, Error
ellipse: s-maj=20.4km s-min=10.7km az=130.0

Main table for Tonga Islands (continued), listing stations like RAR, RAR, PPT, etc., with their respective codes and coordinates.

Table for Southeastern Afghanistan, listing stations like HAU, LOR, SSF, etc., with their respective codes and coordinates.

IDC 05:01:30:39.8, 7.9, 34.61N, 69.35E, mb3.9/4, mb1.0, 4/6,
mb1mx3.6/20, ML3.7/2, Error ellipse: s-maj=149.0km
s-min=31.5km az=152.0

NEIC 05:01:30:43.2, 2.4, 34.74N, 69.33E, h15km, mb3.5/3, Error
ellipse: s-maj=41.2km s-min=19.3km az=157.0
MOS 05:01:30:44.9, 0.8, 34.86N, 69.22E, h33km, mb4.3/3, Error
ellipse: s-maj=54.7km s-min=32.4km az=81.4

Main table for Southeastern Afghanistan (continued), listing stations like CEP, SBPD, THW, etc., with their respective codes and coordinates.

NEIC 05:01:48:40.4, 1.3, 19.22S, 70.02W, h72km, 13km, mb4.3/2,
Error ellipse: s-maj=21.1km s-min=11.8km az=72.0
IDC 05:01:48:42.9, 5.8, 19.34S, 69.90W, h95km, 46km, mb3.7/5,
mb1.3, 8/7, mb1mx3.7/5, mb1mx3.7/5, Error ellipse: s-maj=66.9km
s-min=23.8km az=40.0

ISC 05:01:48:38.6, 1.1, 19.07S, 0.05:69.9W, 0.1, h68km, 12km,
n16, e:67/17, mb4.0/7, 1C, Northern Chile

Main table for Northern Chile, listing stations like ARE, LAPZ, LPZA, etc., with their respective codes and coordinates.

HEL 05:02:01:38.0, 0.1, 67.77N, 19.97E, ML1.8, ML1.8(UPP),
ML1.4(BER), Explosion
BER 05:02:01:40.7, 2.0, 67.86N, 20.12E, ML1.4, Suspected
explosion

ISC 05:02:01:36.0, 2.5, 67.74N, 0.03:19.94E, 0.07, n18, e:143/26,

Main table for Sweden, listing stations like KUA, KUA, NIKU, etc., with their respective codes and coordinates.

FINES FINES Array B 153.22 324 PKPbc PKPdf 09 32 44.9 +13
FINES 1.9nm,1.0s,baz=284,slow=7.5,SNR=2.3
FINES pPKPbc 09 32 52.9

NEIC 05 09:14:07.9,34.88S:70.45W,h3km,ML2.8(GUC),After GUC.

GUC 05 09:14:07.9-1.0,34.88S:70.45W,h3km,MD3.9,ML2.8, 2C-6D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Fernando, Cipreses, Los Niches, etc.

IDC 05 09:27:33.8:7.8,2.16N-125.61E,mb3.7/3,mb1 3.9/3, mb1mx3.6/14,MS4.2/1,MS1 4.2/1,ms1mx3.3/18,Error ellipse: s-maj=173.0km s-min=121.5km az=70.0, Talaud Islands

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

NEIC 05 09:34:03.5:0.2, 18.36N-119.80E,mb4.8/20, Error ellipse: s-maj=9.3km s-min=4.6km az=69.0

IDC 05 09:34:03.0:0.5, 18.30N-119.87E,h29km,3km,mb4.0/16, mb1 4.2/18,mb1mx4.1/22,ML4.5/2,MS3.9/3,MS1 4.0/3, ms1mx3.6/23, Error ellipse: s-maj=32.2km s-min=9.6km az=65.0

BUI 05 09:34:14.7, 19.48N-119.00E,h21km,mb4.6,mb4.4, ML4.1,MS4.5,MS2.4

IDC 05 09:34:01.9:0.2, 18.37N-119.66E,0.03,h29km, h29km,1.1km,pP-p,ns,±19.6/27,mb4.5/40,MS4.0/5, 3C-1D,Philippine Islands region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PIP, ASAR, JNU, STKA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC, SNY, MAJO, MAT, GAT, etc.

SDV Santo Domingo 151.08 21 ePKPbc PKPdf 09 53 54.5 +2.4
SDV ePKPab PKPab 09 54 04.3 +1.4

NEIC 05 10:06:05.8:0.7, 49.76N-8.23E,h5km,ML2.6(LDG), ML2.2(STR), Error ellipse: s-maj=11.7km s-min=7.4km az=177.0

BGR 05 10:06:05.6:0.2, 49.83N-8.54E,h10km,ML1.9/7, Error ellipse: s-maj=3.3km s-min=1.1km az=151.0

LDG 05 10:06:08.1:0.1, 49.75N-8.22E,h8km,ML2.7/1,ML2.6/9, Error ellipse: s-maj=2.2km s-min=1.1km az=79.0

STR 05 10:06:08.3:0.8, 49.48N-8.99E,h10km,ML1.2/2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BNS 05 10:06:09.3:0.5, 49.74N-8.20E,h10km,ML1.7 Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

NIED 05 10:07:00.3:0.0N-136.80E,h14km,Mw7.2 Best double couple: Mw=7.54x10^19 NP1:267°,852°,91°. NP2:86°, 838°,189°.

IDC 05 10:07:05.0:4.3, 33.04N-136.72E,mb6.1/26,mb1 6.2/31, mb1mx6.2/31,ML5.7/5,MS7.1/26,MS7.1/26, ms1mx7.1/26, Error ellipse: s-maj=12.7km s-min=10.5km az=82.0

BGS 05 10:07:06.5:32.67N-136.26E,h14km,mb6.9 BUI 05 10:07:07.7, 33.02N-136.94E,h35km,mb7.0,mb6.6, MS7.3,MS7.0

JML 05 10:07:07.5:0.1, 33.03N-136.80E,h38km,3km,M7.1 SJO 05 10:07:07.8, 33.06N-136.61E,h14km,MB6.7,MS7.0 HRVD 05 10:07:08.0, 32.94N-137.00E,h16km,MW7.2/78, Centroid moment tensor solution. LP body waves: s73,c190,Mantle waves: s78,c195; Half duration: 988

Moment tensor: Scale 10^20Nm; M=0.67; Mw=0.83; Mw=0.16; Mw=0.20; 0.3; Mw=0.01; Mw=0.06; 0.3; Best double couple: Mw=78.10^20 NP1.277; 838; 1.100; NP2.085; 553; 1.82; Principal axes: T, 7, Plg80; Azm321; N, 16, Plg6; Azm89; P, -85, Plg7; Azm180; nsta1 refers to body waves, cutoff=50s. nsta2 refers to mantle waves, cutoff=150s.

NEIC 10:07:07.8-0.1, 33.07N, 136.62E, h14km, mb6.7/217, ME7.5, MS7.0/76, MW7.0, MW7.3(NOS), MW7.2(NIED) Error ellipse: s-maj=2.8km s-min=2.3km az=187.0 Broadband fault plane solution: P waves. NP1.255, 560; 1.90; NP2.278, 830; 1.90; Principal axes: T, Plg75; Azm165; N, Plg0; Azm0; P, Plg15; Azm345; Moment Tensor Solution. s62 Moment tensor: Scale 10^19 Nm; Mw=3.86; Mw=3.76; Mw=0.09; Mw=1.32; Mw=0.04; Mw=0.06; Best double couple: Mw=4x10^19 NP1.270, 835; 1.89; NP2.091, 555; 1.91; Principal axes: T, 4.08, Plg80; Azm4; N, -0.99, Plg1; Azm271; P, -3.99, Plg10; Azm181; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC At least four people injured in the Kyoto area. Felt in much of southwestern Japan and as far northeast as Tokyo. A local tsunami was generated with minimum recorded wave heights [peak-to-trough] of 63 cm on Kozu-shima and 34 cm at Kushimoto. Recorded [S JMA] in Mie, Nara and Wakayama; [4 JMA] in Aichi, Gifu, Hyogo, Kyoto, Osaka and Shiga; [3 JMA] in Chiba, Fukui, Hiroshima, Kanagawa, Nagano, Okayama, Shimane, Shizuoka, Tokyo, Tottori and Yamaguchi; [2 JMA] in Gumma, Ishikawa, Saitama, Tochigi, Toyama and Yamaguchi; [1 JMA] in Ibaraki, Miyagi and Niigata Prefectures. Recorded [3 JMA] in Kagawa, Kochi and Tokushima; [2 JMA] in Ehime Prefectures, Shikoku. Recorded [1 JMA] in Kagoshima, Kumamoto, Miyazaki and Oita Prefectures, Kyushu. Also recorded [3 JMA] on Kozu-shima, Nii-jima and O-shima; [2 JMA] on Hachijo-jima, Mikura-jima and Miyake-jima; [1 JMA] on Dogo and in the Dozen Islands.

DHMR 05:10:07.07.0-3.5, 33.06N, 136.57E, h1km, 999km, mb6.7 MOS 05:10:07.09.8-0.3, 33.13N, 136.68E, h33km, mb7.0/76, MS7.2/31, Error ellipse: s-maj=6.9km s-min=4.4km az=101.9 Broadband fault plane solution: P waves. Mw=8.8x10^19 NP1.234, 851; 1.53; NP2.104, 551, 1.27; Principal axes: T, Plg62; Azm79; N, Plg28; Azm259; P, Plg0; Azm169

ISC 05:10:07.07.0-0.01, 33.07N, 136.74E, 0.01, h19km, h19km, 98km; pP, n1562, d887/1471, mb6.7/318, MS7.1/132, 559C-94D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Lists various seismic stations and their recorded data.

Main data table with columns: Station Code, Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Contains the primary seismic data for the event.

Table with columns: Station Code, Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Lists additional seismic stations and their recorded data.

BOAC	Boac	23.78 218	eP	P	10 12 21.3 +1.5
PLP	Palo	24.33 209	eP	P	10 12 25.6 +0.6
LUBP	Lubang	24.42 222	eP	P	10 12 24.9 -1.1
OCLP	Ormoc	24.59 210	eP	P	10 12 29.0 +1.5
OTRP	Odiong	24.62 217	eP	P	10 12 29.0 +1.1
RCP	Roxas	24.95 214f	eP	P	10 12 30.9 -0.3
SJMP	San Jose	25.00 218	eP	P	10 12 30.9 -0.6
CLNS	Chul'man	25.12 345	eP	P	10 12 32.1 -0.2
CLNS			ePP	pP	10 12 39.5 +1.8
CLNS			eS	S	10 16 58.2 +4.9
CLNS			eSS	SS	10 17 52.6 -1.0
CLNS	comp=Z,681nm,1.1s,mb6.1		pmax	pmax	
CLNS	comp=N,350nm,1.0s		pmax	pmax	
CLNS	comp=E,215nm,1.2s		pmax	pmax	
CLNS	comp=N,328um,12.7s		smax		
CLNS	comp=Z,137um,13.1s		smax		
CLNS	comp=E,110um,11.8s		smax		
CLNS	comp=N,531um,14.0s,MS7.3		MLR	MLR	
CLNS	comp=Z,617um,14.0s,MS7.3		MLR	MLR	
CLNS	comp=E,103um,11.0s,MS7.3		MLR	MLR	
MSLP	Maasin	25.31 208	eP	P	10 12 34.5 0.0
SCPH	Surigao	25.39 207f	eP	P	10 12 34.5 -0.7
PET	Petropavlovsk	25.40 32	iP	P	10 12 34.9 0.0
PET			eS	S	10 16 57.7 -0.2
PET	comp=N,58um,11.3s		pmax	pmax	
PET	comp=Z,118um,11.1s		pmax	pmax	
PET	comp=E,47um,11.7s		pmax	pmax	
PET	comp=Z,180um,7.5s		pmax	pmax	
PET	comp=N,4um,1.6s		pmax	pmax	
PET	comp=Z,5um,1.3s,mb6.9		pmax	pmax	
PET	comp=E,285um,13.9s		smax		
PET	comp=N,261um,9.4s		smax		
PET	comp=E,219um,13.1s		smax		
PET	comp=N,544um,21.0s		MLR	MLR	
PET	comp=Z,336um,19.0s,MS6.9		MLR	MLR	
PET	comp=Z,406um,19.0s		MLR	MLR	
PET	Petropavlovsk	25.40 32	eP	P	10 12 34.7 -0.1
PET	comp=Z,429um,21.0s,MS6.9		LR	LR	
LLP	Lapu-Lapu	25.52 210	eP	P	10 12 33.0 -3.4
GUIM	Jordan	25.85 213	eP	P	10 12 39.5 0.0
BUSR	Coron	25.87 220	eP	P	10 12 39.2 -0.4
BUTP	Butuan	26.09 206	eP	P	10 12 46.6 -0.1
TBP	Tagbilaran	26.12 210	eP	P	10 12 40.7 -1.3
AAP	Anini-y	26.33 214	eP	P	10 12 47.0 +3.0
CUYO	Cuyo Island	26.42 217	eP	P	10 12 44.7 0.0
SNPH	Sibulan	26.70 211	eP	P	10 12 46.8 -0.5
GYA	Guiyang	26.86 264	iP	P	10 12 48.4 -0.3
GYA			S	S	10 17 24.0 +1.5
GYA			XS	AMB	10 17 40.6
GYA	comp=Z,2um,1.2s,mb6.6		LR	LR	
GYA	comp=N,327um,20.3s,MS7.0		LR	LR	
GYA	comp=E,255um,23.0s,MS7.0		LR	LR	
GYA	comp=Z,252um,23.9s,MS6.7		LR	LR	
CGP	Agayay de Oro	26.91 207f	eP	P	10 12 48.0 -1.3
ENPP	El Nido	26.95 220	eP	P	10 12 49.1 -0.5
LZH	Lanzhou	27.18 286	iP	P	10 12 51.5 0.0
LZH			AP	pP	10 12 57.2 +0.3
LZH			PP	PP	10 13 38.5 +0.3
LZH			S	SS	10 17 28.1 +0.7
LZH			LR	LR	10 18 45.4 +2.3
LZH	comp=N,395um,12.5s		LR	LR	
LZH	comp=Z,450um,17.1s,MS7.1		LR	LR	
SONM	Songino Array	27.18 312	P	P	10 12 51.6 +0.2
SONM	comp=Z,191nm,0.7s,mb5.7,baz=121,slow=9.6,SNR=126		P3Kpbc		10 45 28.2
SONM	comp=Z,4.2nm,1.1s,baz=270,slow=2.5,SNR=8.5		P	P	10 16 10.5 -1.5
SONM	Songino Array	27.18 312	P	P	10 12 51.6 +0.2
SONM	comp=Z,96nm,0.8s,baz=148,slow=5.8,SNR=5.9		e	e	10 45 28.2
SONM	Musano	27.30 206	eP	P	10 12 52.2 -0.6
BUPK	Dipolog City	27.32 210f	eP	P	10 12 51.4 -1.7
DCPH	Mati	27.76 203	eP	P	10 12 55.7 -1.3
MATI	Qiongzong	27.81 246f	iP	P	10 12 58.3 +0.9
QIZ			AP	pP	10 13 07.6 +4.7
QIZ			XP	sP	10 13 12.1 +6.7
QIZ			XS	LR	10 17 57.1
QIZ	comp=N,266um,19.0s,MS7.0		LR	LR	
QIZ	comp=E,343um,20.7s,MS7.0		LR	LR	
QIZ	comp=Z,233um,21.6s,MS6.7		LR	LR	
QIZ	Qiongzong	27.81 246f	iP	P	10 12 58.4 +0.9
QIZ	comp=Z,610nm,1.4s,mb6.0		ePcP	PcP	10 16 14.4 +0.6
DAV	Davao City (W)	27.87 204	eP	P	10 12 57.5 -0.5
PAGZ	Pagadian	27.93 209	eP	P	10 12 55.6 -3.4
CD2	Chengdu	27.99 275f	iP	P	10 12 58.5 -0.4
CD2			PP	PP	10 13 51.1 +2.2
CD2			S	S	10 17 42.9 +2.3
CD2			XS	AMB	10 18 00.3
CD2	comp=Z,2um,1.3s,mb6.6		LR	LR	
CD2	comp=Z,697um,21.7s,MS7.2		LR	LR	
KCP	Kidapawan	28.10 205f	eP	P	10 13 00.1 0.0
MA2	Magadan	28.11 15	eP	P	10 12 57.8 -1.9
MA2	comp=Z,478nm,0.8s,mb6.2		LR	LR	
MA2	comp=Z,180um,22.0s,MS6.6		P	P	10 13 00.3 -0.8
CTBH	Cotabato-PC H	28.21 207f	eP	Px	10 12 57.1 -0.5
IPBH	Ipil	28.38 211	eP	P	10 12 59.2 -3.3
PPR	Puerto Princes	28.51 220f	eP	P	10 13 03.8 +0.1
GSPH	General Santos	29.00 205	eP	P	10 13 10.0 +1.8
BOD	Bodaibo	29.16 335	iP	P	10 13 07.1 -2.1
YAK	Yakutsk	29.33 353f	iP	P	10 13 11.4 +0.7
YAK			e	e	10 13 29.2
YAK			ePPP	PPP	10 14 18.4 -0.9
YAK			iS	S	10 18 02.0 +0.3
YAK			e	e	10 19 48.3
YAK			e	e	10 23 49.3
YAK	comp=Z,548nm,0.9s,mb6.3		pmax	pmax	
YAK	comp=N,745nm,1.4s		pmax	pmax	
YAK	comp=E,121nm,1.4s		smax		
YAK	comp=E,186nm,1.4s		smax		
YAK	comp=Z,192nm,3.8s		smax		
YAK	comp=N,346nm,4.0s		MLR	MLR	
YAK	comp=N,337um,14.0s,MS7.2		MLR	MLR	
YAK	comp=E,79um,12.0s,MS7.2		MLR	MLR	
YAK	comp=Z,272um,12.0s,MS7.1		MLR	MLR	
YAK	Yakutsk	29.33 353	eP	P	10 13 10.2 -0.4

YAK	comp=Z,2um,1.3s,mb6.7		LR	LR	
BATP	Batarama	29.83 220	eP	P	10 13 14.9 -0.7
ZAK	Zakamensk	30.04 315	iP	P	10 13 17.4 +0.3
ZAK			e	e	10 16 19.7
IRK	Irkutsk	30.24 319	eP	P	10 13 19.2 +0.3
IRK			e	e	10 14 31.4
IRK			e	e	10 16 25.7
GTA	Gaotai	30.29 293	iP	P	10 13 19.4 -0.1
GTA			AP	pP	10 13 25.5 +0.5
GTA			PP	PP	10 14 19.2 +0.5
GTA			PPP	PPP	10 14 33.7 +0.7
GTA			PcP	PcP	10 16 18.2 -1.6
GTA			SS	SS	10 18 18.8 +1.6
GTA			SS	SS	10 19 57.6 +1.1
GTA			SCS	SCS	10 23 49.3 -5.1
GTA	comp=Z,25um,6.1s		LR	LR	
GTA	comp=N,253um,19.4s,MS6.9		LR	LR	
GTA	comp=E,156um,19.8s,MS6.9		LR	LR	
GTA	comp=Z,182um,20.5s,MS6.7		LR	LR	
KMI	Kunming	30.64 264	iP	P	10 13 22.3 -0.4
KMI			AP	pP	10 13 30.8 +2.6
KMI			XP	sP	10 13 37.5 +6.9
KMI			PcP	PcP	10 16 18.0 -2.9
KMI			XS	AMB	10 18 23.7 +0.8
KMI			AMB	AMB	10 18 37.4
KMI	comp=Z,30um,11.9s		LR	LR	
KMI	comp=N,344um,18.5s,MS7.3		LR	LR	
KMI	comp=E,405um,14.8s,MS7.3		LR	LR	
KMI	comp=Z,527um,13.8s,MS7.3		LR	LR	
SEY	Seymchan	31.48 14	iP	P	10 13 31.1 +1.4
SEY			ePPP	PPP	10 14 33.9
SEY			iS	SS	10 14 55.9 +7.0
SEY			SS	SS	10 18 36.8 +1.2
SEY			pmax	pmax	10 20 20.3 -3.7
SEY	comp=N,130nm,0.9s		pmax	pmax	
SEY	comp=E,70nm,0.9s		pmax	pmax	
SEY			pmax	pmax	
MOY	Mondy	31.86 316	eP	P	10 13 33.2 +0.1
MOY			e	e	10 16 24.8
KKM	Kota Kinabalu	32.98 220f	eP	P	10 13 43.9 +0.7
SMY	Shemaya	33.18 42	P	P	10 13 45.2 +0.6
SMY			pmax	pmax	
SMY	comp=Z,2um,1.6s,mb6.9		P	P	10 13 46.5 +1.9
SMY	Shemaya	33.18 42	eP	P	10 14 00.0 +0.8
SMY	Khon Kaen	34.83 250	P	P	10 14 00.0 +0.8
CHRT	Chiangrai	35.41 258	iP	P	10 14 05.0 +0.9
CHG	Chiang Mai	36.62 257	iP	P	10 14 15.2 +0.8
CHG			S	S	10 14 33.9
CHG	Chiang Mai Arr	36.80 256	S	P	10 20 02.3 +6.6
CHG	comp=Z,81nm,0.7s,mb5.7,baz=49,slow=6.8,SNR=211		P	P	10 14 16.3 +0.3
NST	Nakhon Sawan	37.33 251	iP	P	10 14 21.0 +0.6
NST	comp=Z,300nm,1.0s,mb6.1		P	P	10 14 21.0 +0.6
BDT	Bhumibol Dam	37.38 254	P	P	10 14 21.0 +0.2
IMP	Imphal	38.15 269	eP	P	10 14 26.0 -1.8
LSA	Lhasa	38.83 278	iP	P	10 14 34.7 +1.8
LSA			AP	pP	10 14 49.0 +1.1
LSA			PP	PP	10 16 04.9 -0.8
LSA			S	S	10 20 21.4 -7.9
LSA	comp=Z,490nm,1.0s,mb6.2		LR	LR	
LSA	comp=N,130um,18.8s,MS7.2		LR	LR	
LSA	comp=E,290um,20.5s,MS7.2		LR	LR	
LSA	comp=Z,260um,22.3s,MS7.0		LR	LR	
LSA	Lhasa	38.83 278	iP	P	10 14 34.6 +1.8
LSA	comp=Z,3um,1.0s,mb7.0		ePP	PP	10 16 16.2 +1.1
LSA			TIXI	TIXI	10 14 32.4 -0.3
TIXI	Tiksi	38.87 356f	iP	P	10 16 12.8
TIXI			iS	S	10 20 31.1 +1.7
TIXI	comp=Z,1um,1.0s,mb6.6		pmax	pmax	
TIXI	comp=Z,14um,17.0s		pmax	pmax	
TIXI	comp=Z,393um,14.0s,MS7.4		MLR	MLR	
TIXI	Tiksi	38.87 356f	iP	P	10 14 32.4 -0.3
TIXI			LR	LR	
WMQ	Urumqi	39.36 300f	iP	P	10 14 38.0 +0.9
WMQ			AP	pP	10 14 43.9 +1.2
WMQ			XP	sP	10 14 46.9 +1.8
WMQ			PP	PP	10 16 12.5 +1.0
WMQ			S	SS	10 20 38.0 +0.8
WMQ			SS	SS	10 23 23.3 -0.4
WMQ	comp=Z,1um,1.5s,mb6.5		AMB	AMB	
WMQ	comp=Z,30um,11.2s		AMB	AMB	
WMQ	comp=N,193um,21.0s,MS7.1		LR	LR	
WMQ	comp=E,210um,21.0s,MS7.1		LR	LR	
WMQ	comp=Z,269um,21.0s,MS7.0		LR	LR	
NNT	Nongplab	39.44 248	P	P	10 14 39.5 +1.4
MIDW	Midway	39.54 84	eP	P	10 14 39.0 +0.2
MIDW	comp=Z,595nm,1.1s,mb6.2		LR	LR	
MIDW	comp=Z,150um,20.0s,MS6.8		LR	LR	
SHL	Shilong	39.58 271f	iP	P	10 14 39.5 +0.4
SHL			P	P	10 20 34.0
TANI	Tanete Lipujan	39.85 208	iP	P	10 14 52.1 +1.1
NINI	Niniconang	40.61 207f	iP	P	10 14 47.9 +0.2
AGT	Agartala	40.75 269	iP	P	10 14 53.0 +4.2
AGT			e	e	10 16 33.0
WAW	Wau	41.30 165	eP	P	10 14 52.6 -0.7
ZAL	Zalesovo	41.92 316	P	P	10 14 57.8 -0.2
ZAL	comp=Z,60nm,0.9s,baz=280,slow=8.3,SNR=95		PcP	PcP	10 16 53.0 -1.1
ZAL	comp=Z,221nm,0.9s,baz=92,slow=0.6,SNR=7.1		LR	LR	10 30 59.5
ZAL	comp=Z,801um,19.3s,baz=272,slow=3.4		P	P	10 14 57.8 -0.2
ZAL	Zalesovo	41.92 316	PcP	P	10 16 53.0 -1.1
ZAL			LR	LR	10 30 59.5
SLGI	Shiliguri	42.08 274	eP	P	10 15 01.0 +1.3
SNG	Songkhia	42.23 240	P	P	10 15 02.0 +0.9
NVS	Novosibirsk	42.95 317	iP	P	10 15 06.0 -0.4
NVS					

Table with columns for station name, coordinates, elevation, and other data. Includes stations like Kodiak Island, Bhopal, Warramunga Arr, Tasikent, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like Kailua Kona, Haleakala, Kipapa, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like Kautokeino, Resolute Bay, Adelaide, etc.

5d 10h

Table with columns: HLID, Name, Frequency, Power, and other technical details. Includes entries like Hailey, Battle Mountain, Vera Road, etc.

Table with columns: HLID, Name, Frequency, Power, and other technical details. Includes entries like Nahal Hemdat, Haifa, Moravsky Berou, etc.

Table with columns: HLID, Name, Frequency, Power, and other technical details. Includes entries like Colim, Zfrfi, Zfrfi, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NKCC, NKC, NKK, NKL, NKN, NKS, NKT, NKV, NKW, NXX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EDI, SISC, PVY, EAB, KARP, EAU, LIT, OBKA, POU, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PPT, UBR, XRY, PAE, LANF, LHO, CAE, etc.

Table with columns for location, date, time, and status. Includes entries like FG2 Serracapirola, LOMF Lomont, SWN1 Swindon, etc.

Table with columns for location, date, time, and status. Includes entries like JRS Jersey, LEM1 Lemaitre, ENR1 Entraque, etc.

Table with columns for location, date, time, and status. Includes entries like SADO Sadova, EBBR Ebbw Vale, CCM Cathedral Cave, etc.

Table with columns: EQES, Quesada, 100.17 329, P, P, 10 20 52.0 -1.3, etc. Includes stations like Quesada, Castelo Branco, QUA2, HRV, etc.

Table with columns: DBIC, Dimbokro, 126.22 310, PP, PKIP, 10 28 04.0 -4.4, etc. Includes stations like Dimbokro, Dimbokro, Dimbokro, etc.

Table with columns: MAT, Matsushiro, 3.49 14, P, S, 10 17 41.3 +0.8, etc. Includes stations like Matsushiro, Kozaga, Kiinagashima, etc.

Table with columns: EMIJ, Mijas, 26.89 116 P, P, 10 41 31.4 -1.0, GOF, Parofitskye, 49.44 66, P, P, 10 44 42.0 +0.6, etc.

Table with columns: GOF, Parofitskye, 49.44 66, P, P, 10 44 42.0 +0.6, NEW, Newport, 49.46 299, P, P, 10 44 41.8 +0.2, etc.

Table with columns: s-min=18.4km az=40.0, NEIC 05.10:37.43.2.1.1, 33.69N:136.52E, h10km, mb4.3/2, Error ellipse: s-maj=25.4km s-min=14.6km az=131.0, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sonseca Array, SONGINGO Array, SONM SONGINGO Array, INK Inuvik.

JMA 05 11:20:20.1±0.1, 33.07N±137.20E, h36km±2km, M3.6
ISC 05 11:20:20.7±0.8, 33.09N±0.05, 137.20E±0.03, h45km±19km,

Main table for station data, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TK01 Tokai 1, TK02 Tokai 2, TK03 Tokai 3, JWZ Kozaga, etc.

BJI 05 11:24:36.6, 31.30S±71.20W, h56km, mB4.7, Msz4.8
NEIC 05 11:24:36.7±0.2, 31.27S±71.22W, mB4.8/2, Error ellipse:
s-maj=7.9km s-min=2.9km az=83.0

NEIC Felt [V] at Ovalle; [II] at Illapel and La Serena; [II] at La Ligua
GUC 05 11:24:36.5±0.8, 31.32S±71.28W, h53km, mB4.5, M2.2

ISC 05 11:24:36.7±4.1, 31.28S±71.27W, h58km, 3.5km, mB4.5/10,
mb1 4.7/12, mb1mx4.5/17, ML4.9/2, Error ellipse:
s-maj=24.2km s-min=16.7km az=87.0

SYO 05 11:24:36.9, 31.15S±70.99W, h57km, MB4.8
ISC 05 11:24:36.1±0.3, 31.29S±0.02, 71.22W±0.08, h64km±3km,
h56km±8km; pP-N, n128, ±0.96, 96, mB4.8/25, 4C-10D, Near

Main table for station data, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ILCH Illapel, OVCH Ovalle, TLL Tololo Astronomo, etc.

Main table for station data, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SNAA Sanae, MAIT Maitri, JCT Jajir, TXAR Lajitas Array, etc.

JMA 05 11:34:43.0±1.3, 33.08N±137.23E, h39km±2km, M3.5
ISC 05 11:34:43.0±0.8, 33.07N±0.05, 137.22E±0.03, h41km±22km,
n21, ±0.74/2, Near south coast of eastern Honshu

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TK03 Kozaga, JWZ Kozaga, JIE Ise, etc.

WEL 05 11:41:27.3±0.4, 35.22S±178.32E, h316km±10km, ML3.7/1,
Error ellipse: s-maj=21.0km s-min=15.3km az=90.0, Off

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MWZ Matawai, URZ Urewera, etc.

ISC 05 11:47:26.9±0.8, 53.01N±35.08W, mb3.9/12, mb1 4.1/14,
mb1mx4.0/24, ML3.0/2, Error ellipse: s-maj=26.0km
s-min=15.9km az=0.0

NEIC 05 11:47:28.0±0.5, 52.98N±35.10W, h10km, mb3.9/2, Error
ellipse: s-maj=14.0km s-min=7.9km az=182.0

ISC 05 11:47:26.8±0.6, 53.00N±0.135, 1W±0.1, h10km, n22,
±0.81/18, mb3.9/12, Reykjanes Ridge

Main table for station data, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SCHO Schefferville, ESK Eskdalemuir, etc.

ISC 05 11:54:04.2±1.5, 52.98N±35.39W, mb3.7/4, mb1 3.8/5,
mb1mx3.6/18, ML3.5/1, Error ellipse: s-maj=58.8km
s-min=24.0km az=5.0

ISC 05 11:54:04.5±1.4, 53.1N±0.3±35.3W±0.2, h10km, n7, ±0.66/5,
mb3.7/4, Reykjanes Ridge

Main table for station data, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EKA Eskdalemuir, ESK Eskdalemuir, etc.

BJI 05 12:01:12.5, 32.89N±136.77E, h12km, mb4.5
NEIC 05 12:01:12.6±0.4, 33.00N±136.78E, h10km, mb4.3/3, Error
ellipse: s-maj=8.2km s-min=7.2km az=125.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TSUJ Tsu 2, JHE Heguri, JJA2 Tsuna, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JSHZ Shizuoka 3, JZS Izumidoma 2, JHU 20nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JHU 45nm,0.3s, JHJ2 Mitsune, MAJO Matushiro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JASAJ Asahikawa, HHC Hu-ho-hao-te, ENH Enshi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SONM Songing Array, SONM comp-z=1.2nm,0.9s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MKAR Machi Array, MKAR comp-z=1.9nm,0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BVAR Borovoye Array, BVAR comp-z=2.0nm,0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ZRNK Zerenda, ZRNK comp-z=1.3nm,0.7s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA comp-z=0.3nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR comp-z=2.0nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include INK Inuvik, INK comp-z=1.5nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include STKA Stephens Creek, STKA comp-z=0.5nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JKN Kiinagashima, JKN JIE, JKN Ise, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JWM Minabe, JWM JSM, JWM Kouya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TK04 Tokai 4, TK04 TSU 2, TK04 Wachi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JGM Miyama, JGM MAT, JGM Matushiro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JWZ Kozaga, JWZ Zalevo, JWZ Kiinagashima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BRTR Keskin Array B, BRTR JWJ, BRTR Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MKAR Machi Array, MKAR comp-z=1.9nm,0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA comp-z=0.3nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR comp-z=2.0nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include INK Inuvik, INK comp-z=1.5nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include STKA Stephens Creek, STKA comp-z=0.5nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ARCES ARCESS Array B, ARCES comp-z=1.0nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR 0.5nm,0.9s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include INK Inuvik, INK 2.5nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ARCES ARCESS Array B, ARCES 1.8nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include FINES FINES Array B, FINES 1.7nm,0.7s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include AKASO Malin Array B, AKASO 0.6nm,0.4s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include HFS Hagfors, HFS 2.3nm,0.5s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NOA NORARS Array B, NOA 0.1nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include PDAR Pinedale Array, PDAR 0.2nm,0.2nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BRTR Keskin Array B, BRTR 2.5nm,1.1s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BOZ Bozeman (W), BOZ 0.8nm,0.7s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include PDAR Pinedale Array, PDAR 0.5nm,0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include GERES GERESS Array B, GERES 1.0nm,0.8s, etc.

JMA 05 12:20:35.2,0.1,33.16N-137.12E, h46km, M3.8

ISC 05 12:30:34.0,2.2,33.22N-109.137,17E-0.08, h19km,13km, n7, e0945/13, Near south coast of eastern Honshu

IDC 05 12:34:52.5,2.2,52.95N-35.34W, mb3.8/4, mb1 3.8/5, mb1mx3.6/20, ML3.4/1, Error ellipse: s-maj=62.4km

NEIC 05 12:36:17.0,0.0,32.96N-136.81E, h10km, mb4.3/5, Error ellipse: s-maj=8.5km s-min=6.7km az=135.0

JMA 05 12:36:18.1,0.1,33.00N-136.94E, h38km,4km, M4.1 JMA Felt II J1

IDC 05 12:36:20.9,0.6,32.91N-136.92E, h38km,4km, mb3.9/18, mb1 4.1/21, mb1mx4.0/29, ML3.9/3, Error ellipse: s-maj=17.2km s-min=14.2km az=70.0

ISC 05 12:36:18.1,1.1,33.03N-103.136,9E-0.03, h30km,7km, h30km,8km, pp-P, n52, e101/74, mb4.0/23, 15D, Near south coast of western Honshu

TAP 05 12:36:57.24,24.2N-121.62E, h40km, ML4.1, 6C-9D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ENA Nanau, ENA 0.11 86 eP, ENA ENT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TWA Mucha, TWA 0.56 357 jP, TWA NNTS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TAP Taipei, TAP 0.62 352 eP, TAP TAP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WNF Wu-fen Shan, WNF 0.66 131 jP, WNF NCU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TCU Taichung, TCU 0.90 253 eP, TCU TCU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WNT Wungjen, WNT 0.95 197 eP, WNT WNT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WSF Szu, WSF 1.50 239 P, WSF WNT, etc.

JMA 05 12:37:44.1,1.6,33.07N-108.136,9E-0.06, h43km,37km, n12, e054/21, Near south coast of western Honshu

JMA 05 12:38:22.4,0.1,33.09N-137.16E, h32km,4km, M3.5

IDC 05 12:38:26.3;1.3, 33.27N-136.23E, mb3.9/5, mb1 4.1/5, mb1mx3.7/21, Error ellipse: s-maj=67.4km s-min=32.0km az=83.0

ISC 05 12:38:25.1;1.1, 33.26N-136.05E, 0.04, h15km, 8km, n16, c105/22, mb3.9/5, 1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, JWZ Kozaga, etc.

IDC 05 12:39:07.1;1.2, 53.05N-35.16W, mb3.7/10, mb1 3.9/11, mb1mx3.8/23, ML3.0/1, Error ellipse: s-maj=37.1km s-min=19.4km az=30.0

NEIC 05 12:39:08.7;0.7, 53.07N-35.15W, h10km, Error ellipse: s-maj=24.4km s-min=10.8km az=178.0

ISC 05 12:39:07.3;0.9, 53.2N-0.23E, 1W-0.2, h10km, n16, c05/13, mb3.7/10, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EKA Eskdalemuir Ar, ESDC Sonseca Array, etc.

NEIC 05 12:42:18.1;0.3, 33.03N-136.77E, h10km, mb4.5/2, Error ellipse: s-maj=9.8km s-min=7.6km az=98.0

NEIC Recorded [2 JMA] in Mie, Nara and Wakayama Prefectures.

JMA 05 12:42:18.9;0.1, 33.02N-136.93E, h34km, M4.6 JMA Felt II J1.

IDC 05 12:42:22.0;0.8, 33.01N-136.99E, h39km, 5km, mb3.7/17, mb1 3.9/19, mb1mx3.9/26, ML3.2/26, MS4.0/1, MS1 4.0/1, ms1mx3.6/24, Error ellipse: s-maj=19.5km s-min=16.4km az=81.0

ISC 05 12:42:19.0;1.2, 33.05N-136.96E, 0.03, h29km, 8km, h38km, 1.2km, pp-P, n51, c092/68, mb3.9/18, 12D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, JWZ Kozaga, etc.

1.1nm, 0.9s, mb3.9, bazz=287, slow=5.5, SNR=10 ASAR Alice Springs 56.47 183 P P 12 52 00.7 -0.1

0.2nm, 0.5s, mb3.4, bazz=16, slow=11, SNR=5.3 INK Inuvik 59.57 26 P P 12 52 22.4 +0.4

1.3nm, 0.5s, mb4.5, bazz=10, slow=3.4, SNR=14 INK Inuvik 59.57 26 P P 12 52 22.0 +0.1

3.4nm, 0.6s, mb4.5 STKA Stephens Creek 64.72 176 P P 12 52 56.2 -0.6

0.7nm, 0.8s, mb3.8, bazz=27, slow=7.7, SNR=2.5 STKA Stephens Creek 64.72 176 P P 12 52 56.2 -0.6

ARCES ARCES Array B 66.42 339 P P 12 53 07.5 +0.4

2.0nm, 0.7s, mb4.2, bazz=2, slow=7.7, SNR=9.3 ARCES ARCES Array B 66.42 339 P P 12 53 07.5 +0.4

FINES FINES Array B 70.37 493 P P 12 53 33.1 -0.1

7.7nm, 0.7s, mb4.1, bazz=117, slow=4.3, SNR=5.5 AKES Malin Array Be 75.16 321 P P 12 53 59.9 -0.2

1.2nm, 0.5s, mb4.0, bazz=52, slow=5.7, SNR=7.3 AKASO 0.4nm, 0.3s, bazz=50, slow=7.4, SNR=2.2 pP 12 54 11.4 +2.1

HFS Hagfors 76.16 334 P P 12 54 05.5 -0.1

2.5nm, 0.7s, mb4.2, bazz=76, slow=6.1, SNR=9.3 NO2 NORSAR Subarra 76.39 336 P P 12 54 07.2 +0.3

1.9nm, 0.9s, mb4.0, bazz=46, slow=5.6, SNR=4.2 NOA NORSAR Array B 76.39 336 P P 12 54 07.1 +0.2

BRTR Keskin Array B 76.68 310 P P 12 54 19.8 -0.2

1.4nm, 0.6s, mb3.8, bazz=72, slow=6.6, SNR=3.4 PV10 Topopah Spring 82.51 51 eP P 12 54 41.6 +1.3

CLL Collin 82.64 328 P P 12 54 42.0 +1.3

CLL Collin 82.64 328 eP P 12 54 42.0 +1.3

PRU Prunhonic 82.88 327 eP P 12 54 43.0 +1.0

0.2nm, 0.4s, mb3.5, bazz=315, slow=3.8, SNR=3.1 KHC Kasperke Hory 83.93 327 eP P 12 54 48.0 +0.7

GERES GERES Array B 84.08 326 P P 12 54 48.9 +0.8

0.8nm, 0.8s, mb3.9, bazz=34, slow=4.8, SNR=6.4 GERES 0.5nm, 0.7s, bazz=18, slow=4.2, SNR=2.9 pP 12 55 00.7 +3.3

PV10 Paradox Valley 86.16 46 eP P 12 55 00.7 +2.0

Lajitas Array 95.47 50 P P 12 55 48.3 +1.4

0.8nm, 0.7s, mb4.2, bazz=296, slow=3.3, SNR=8.9

IDC 05 12:43:36.4;1.1, 52.92N-35.22W, mb3.8/5, mb1 3.9/6, mb1mx3.7/20, ML3.5/1, Error ellipse: s-maj=52.1km s-min=23.9km az=6.0

NEIC 05 12:43:38.0;0.9, 52.86N-35.19W, h10km, mb4.0/2, Error ellipse: s-maj=25.0km s-min=13.0km az=185.0

ISC 05 12:43:37.0;1.1, 53.00N-0.23E, 1W-0.2, h10km, n11, c06/9, mb3.8/5, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ESK Eskdalemuir Ar, ESK Summit, etc.

ISC 05 12:44:14.0, 36.92N-27.63E, h10km, MD3.2 NEIC 05 12:44:16.7, 36.88N-27.63E, h25km, 5km, MD3.2/7

ISC 05 12:44:15.7;0.6, 36.93N-0.03E, 2.71E-0.04, h12km, 4km, n20, c08/28/12, C. Dodecanese Islands

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

JKN Kiinagashima 1.23 342 P P 12 53 26.1 0.0

TK02 Tokai 2 1.23 45 P S 12 53 25.5 -0.1

JIE Ise 1.32 360 P P 12 53 27.7 +0.4

JWM Minabe 1.38 305 P P 12 53 27.8 -0.3

JWY Kouya 1.48 321 P S 12 53 30.0 +0.4

TSUJ Tsubu 1.65 352 P S 12 53 34.2 +0.3

MAJO Matsushiro 3.68 19 ePn P 12 54 01.3 +0.4

MAT Matsushiro 3.68 19 P S 12 54 01.1 +0.2

MAT Matsushiro 3.68 19 eP S 12 54 01.3 +0.4

MAT Matsushiro 3.68 19 eP S 12 54 01.1 +0.2

JNU Natsukuse 4.90 272 P P 12 54 17.9 -0.4

comp=2.2um, 2.1s, bazz=283, slow=31 WARR Warrunga Arr 52.75 183 P P 12 57 53.1 -0.3

21.50 298 eP AMB AMB 12 57 53.1 -0.3

comp=2.1nm, 0.5s, mb4.5 SONM Songoing Array 27.17 312 P P 12 58 46.5 +0.9

comp=2.1, 0nm, 0.8s, mb3.4, bazz=18, slow=8.9, SNR=8.6 MKAR Makanchi Array 43.09 303 P P 13 01 05.2 +1.1

comp=2.3, 1nm, 1.0s, mb4.0, bazz=8, slow=10, SNR=10.0 MKAR Makanchi Array 43.09 303 P P 13 01 05.2 +1.1

comp=2.0, 0.9nm, 0.5s, mb4.0, bazz=100, slow=9.0, SNR=8.4 BRVK Borovoye 50.53 314 eP P 13 02 03.5 +0.9

comp=2.1, 6nm, 0.8s, mb4.0 ZRKN Zerenda 51.31 314 eP P 13 02 08.6 +0.1

comp=2.1, 2nm, 0.8s, mb3.9 WRA Warrunga Arr 52.75 183 P P 13 02 18.6 -1.3

comp=2.0, 7nm, 0.7s, mb3.7, bazz=359, slow=7.8, SNR=8.4 ASAR Alice Springs 56.48 183 P P 13 02 46.6 -0.4

comp=2.1, 4nm, 1.1s, mb3.9, bazz=15, slow=10, SNR=5.8

JMA 05 12:53:27.5;0.2, 33.08N-136.67E, h47km, M3.8

ISC 05 12:53:26.4;0.9, 33.05N-136.72E, 0.04, h51km, 11km, n23, c08/25, mb3.8/5, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JWZ Kozaga, JKN Kiinagashima, etc.

WEL 05 13:01:55.9;0.4, 35.41S-178.99E, h231km, 11km, ML3.6/4, Error ellipse: s-maj=10.6km s-min=9.7km az=0.0, Off east coast of North Island

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

IDC 05 13:11:02.5;3.0, 33.09N-137.07E, mb3.4/3, mb1 3.6/4, mb1mx3.4/20, ML3.7/1, Error ellipse: s-maj=85.1km s-min=17.4km az=107.0

NEIC 05 13:11:05.4;0.2, 33.00N-136.74E, h10km, Error ellipse: s-maj=22.4km s-min=17.4km az=107.0

JMA 05 13:11:07.4;0.2, 33.01N-136.91E, h43km, M3.9 JMA Felt II J1.

ISC 05 13:11:07.0;0.8, 33.00N-136.91E, 0.04, h46km, 12km, n21, c07/6/32, mb3.4/3, 1C-2D, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JWZ Kozaga, JKN Kiinagashima, etc.

Table with columns: LOF, comp, frequency, power, and other parameters. Includes entries like TOOLANGI, PGCSIDNEY, OCWAOCTOPUS, etc.

Table with columns: YBH, comp, frequency, power, and other parameters. Includes entries like YREKA BLUE HOR, YELZAG, etc.

Table with columns: BRTR, ASK, RUNDEN, etc., and other parameters. Includes entries like ASK, RUNDEN, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like MNV, KIZITAL, UREWERA, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like UPCE, SNOW, REDW, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like DNZL, ELL, PRU, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like DHHB, HAUJ, MOA, VAY, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like PPT, LDU, AEU, BUCH, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like HAU, SSP1, BOURN, HAE, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like Imperia, SMO, STV2, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like Junction City, Massena, Mosqueruela, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like Forest Hill, Casey, Cooper Cave, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like LAJ, ICR, LCR2, URSC, BUENA Vista, SYOWA Base, etc.

JMA 05 15:01:36.0.1.33.16N-136.91E, h44km, M4.7

ISC 05 15:01:36.0.1.33.18N-136.92E.0.08, h44km, n9, 0552/17, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JWZ, JKN, JIE, JMW, etc.

JMA 05 15:09:10.0.2.33.29N-137.03E, h47km, M4.0

ISC 05 15:09:10.0.2.33.31N-137.04E, mb4.3/10, mb1 4.5/10, mb1mx4.4/22, Error ellipse: s-maj=23.9km s-min=16.9km az=47.0

NEIC 05 15:09:16.7.0.8.33.44N-137.51E, h10km, mb4.6/4, Error ellipse: s-maj=24.9km s-min=14.6km az=81.0

ISC 05 15:09:14.4.0.6.33.55N-137.00E.0.05, h10km, n24, 0171/30, mb4.4/14, 1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JIE, JKN, JMW, etc.

JMA 05 15:13:12.6.0.1.33.25N-136.88E, h42km, M4.0

ISC 05 15:13:14.1.2.33.36N-136.80E, mb3.9/6, mb1 4.0/6, mb1mx3.9/21, M5.5/31, M5.1/5.31, m1mx5.3/32, Error ellipse: s-maj=56.3km s-min=21.3km az=72.0

NEIC 05 15:13:16.5.0.6.33.74N-136.59E, h10km, mb4.1/2, Error ellipse: s-maj=17.8km s-min=10.4km az=101.0

ISC 05 15:13:12.3.1.1.33.31N-136.88E.0.04, h19km, 65km, n29, 0576/38, mb4.0/9, 1C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JWZ, JKN, JIE, etc.

JMA 05 15:14:34.6.0.3.33.31N-137.12E, h53km, 3km, M3.8

ISC 05 15:14:34.0.1.7.33.26N-109.137.10E.0.07, h53km, n10, 0565/16, 2C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TK01, JIE, JKN, etc.

JMA 05 15:18:28.4.0.2.33.15N-137.03E, h44km, M4.1

ISC 05 15:18:28.1.2.33.17N-137.02E.0.04, h43km, 41km, n14, 0542/22, 4D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TK02, JWZ, JIE, etc.

ISC 05 15:20:17.8.2.2.17.90N-147.28E, mb4.2/9, mb1 4.2/9, mb1mx4.1/19, Error ellipse: s-maj=87.5km s-min=18.3km az=87.0

NEIC 05 15:20:25.3.4.4.17.84N-147.15E, h55km, 29km, mb4.3/3, Error ellipse: s-maj=72.1km s-min=12.2km az=84.0

ISC 05 15:20:23.9.4.0.17.9N-101.147.12E.0.3, h54km, 30km, n20, 0559/20, mb4.4/15, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like GUMO, WRAB, WRA, etc.

JMA 05 15:20:51.3.0.2.33.34N-137.00E, h42km, M3.5

ISC 05 15:20:51.6.1.7.33.4N-101.136.99E.0.07, h42km, n10, 0550/15, 1C, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TK02, JIE, JKN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JIE, JKN, JWZ, etc.

B/IJ 05 15:26:57.2.33.15N-137.64E, h42km, mb4.8, mb4.9

JMA 05 15:26:57.9.0.1.33.27N-137.11E, h41km, M4.2

NEIC 05 15:26:58.1.0.2.33.28N-137.09E, h10km, mb4.8/22, Error ellipse: s-maj=4.8km s-min=4.0km az=105.0

MOS 05 15:26:59.6.1.1.33.30N-137.16E, h33km, mb4.6/16, Error ellipse: s-maj=21.4km s-min=10.7km az=97.6

IDC 05 15:27:00.6.0.4.33.27N-137.11E, h26km, 2km, mb4.3/24, mb1 4.4/28, mb1mx4.3/33, ML3.8/4, M5.8/1, M5.1 5.8/1, m1mx5.2/28, Error ellipse: s-maj=13.0km s-min=9.5km az=74.0

ISC 05 15:26:58.7.0.2.33.32N-102.137.10E.0.03, h26km, n20, 0565/16, 2C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TK02, JIE, JKN, etc.

JMA 05 15:26:57.2.33.15N-137.03E, h44km, M4.1

ISC 05 15:26:57.9.0.1.33.27N-137.11E, h41km, M4.2

NEIC 05 15:26:58.1.0.2.33.28N-137.09E, h10km, mb4.8/22, Error ellipse: s-maj=4.8km s-min=4.0km az=105.0

MOS 05 15:26:59.6.1.1.33.30N-137.16E, h33km, mb4.6/16, Error ellipse: s-maj=21.4km s-min=10.7km az=97.6

IDC 05 15:27:00.6.0.4.33.27N-137.11E, h26km, 2km, mb4.3/24, mb1 4.4/28, mb1mx4.3/33, ML3.8/4, M5.8/1, M5.1 5.8/1, m1mx5.2/28, Error ellipse: s-maj=13.0km s-min=9.5km az=74.0

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

JMA 05 15:26:57.2.33.15N-137.03E, h44km, M4.1

ISC 05 15:26:57.9.0.1.33.27N-137.11E, h41km, M4.2

NEIC 05 15:26:58.1.0.2.33.28N-137.09E, h10km, mb4.8/22, Error ellipse: s-maj=4.8km s-min=4.0km az=105.0

5d 15h

Table of station data for 5d 15h, including columns for station name, code, and various parameters like frequency and power.

2004 SEP

Main table of station data for 2004 SEP, including columns for station name, code, and various parameters like frequency and power.

112

Table of station data for 112, including columns for station name, code, and various parameters like frequency and power.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CRIN San Cristobal, CNCH Conchagua, LEON Leon, TELN Telica, etc.

KRSC 05 15:49.48.0.53.03N.159.04E, h105km, 1km, ML3.9
ISC 05 15:49.49.4.0.6.53.04N.0.04.159.06E.0.7, h101km, 4km, n30, o591/58, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like NLC Nalytchevo, UGLR Uglovaya, PET Petropavlovsk, etc.

NEIC 05 15:50:11.4.0.7.33.29N.137.22E, h10km, Error ellipse: s-maj=20.6km s-min=11.0km az=103.0
JMA 05 15:50:11.3.0.1.33.27N.137.14E, h38km, 2km, M3.2
MOS 05 15:50:13.8.0.8.33.23N.137.21E, h25km, 4km, mb3.6/7, mb1 3.7/8, mb1mx3.6/21, ML3.2/1, Error ellipse: s-maj=26.0km s-min=16.1km az=50.0

ISC 05 15:50:10.8.0.8.33.30N.0.04.137.09E.0.03, h18km, 5km, n26km, 1.7km; p-P, n30, o588/42, mb3.6/7, 2C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, TK03 Tokai 3, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MAT Matsushiro, YSS Yuzh-Sakhalins, SOMN Songino Array, etc.

BUI 05 15:53:17.5.33.17N.137.48E, h30km, mb4.7, mb4.8, Ms4.6, Msz4.4
NEIC 05 15:53:18.8.0.2.33.22N.137.14E, h10km, mb4.7/26, Error ellipse: s-maj=5.2km s-min=4.7km az=115.0
JMA 05 15:53:18.8.0.1.33.27N.137.15E, h47km, 2km, M4.3
MOS 05 15:53:20.8.1.2.33.21N.137.14E, h33km, mb4.8/21, Error ellipse: s-maj=24.4km s-min=9.4km az=108.9
IDC 05 15:53:21.4.0.4.33.19N.137.20E, h27km, 2km, mb4.2/20, mb1 4.3/23, mb1mx4.3/29, ML3.5/3, Error ellipse: s-maj=15.8km s-min=9.8km az=71.0
CSEM 05 15:53:26.5.34.42N.137.44E, h33km, mb6.2
ISC 05 15:53:20.0.0.2.33.35N.0.02.137.12E.0.02, h26km, n26km, 1.0km; p-P, n143, o190/168, mb4.6/55, 2C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, TK03 Tokai 3, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MKAR Makanchi Array, PKI Pulchoki, KKN Kakani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOZ, MNV, ELK, TPH, OKK, DPC, UPC, VYHS, HWUT, PVCC, BRG, BRG, BRG, CLL, CLL, PRU, PDAR, PDAR, CLZ, MOX, MOX, MOX, MOX, KHC, MSU, GEC2, GEC2, GEC2, GEC2, GEC2, GEC2, GEC2, WET, WET, WET, GRA1, GRA1, GRF, GRF, SRU, PV10, DAVO1, DAVO1, LPL, LPL, LPG, LPG, RJF, RJF, CAF, CAF, TXAR, TXAR, SAML, SAML.

JMA 05 15:54:50.2, 1.33, 26N, 136.83E, h42km, 5km, M3.9
ISC 05 15:54:50.2, 1.33, 26N, 136.83E, h42km, 5km, M3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMWZ, JKN, JIE, JAA, JAA, JMW, JMW, TSUJ, TSUJ, JHE, JHE, JEG, JEG, JAU, JAU, JAO, JAO, JAW, JAW, JGF, JGF, JFM, JFM, JGM, JGM, JYN, JYN, JKY, JKY, JGN, JGN, JKG, JKG, MAT, MAT.

NEIC 05 15:59:22.0, 0.3, 33.00N, 137.29E, h10km, mb4.4/5, Error ellipse: s-maj=11.8km s-min=6.3km az=90.0
JMA Felt J1

ISC 05 15:59:22.0, 0.3, 33.11N, 137.14E, h44km, 2km, M4.5
JMA Felt J1

ISC 05 15:59:26.6, 0.3, 33.00N, 137.08E, h37km, 3km, mb3.9/13, mb1.4/1.5, mb1mx3.9/2.4, ML3.5/2, MS4.5/1, M1 4.5/1, ms1mx3.7/3.1, Error ellipse: s-maj=22.2km s-min=10.8km az=69.0

ISC 05 15:59:27.0, 0.3, 33.13N, 137.16E, 0.03, h38km, h38km, 1.0km, comp-P, n53, 0.65/80, mb4.2/18, 1C-11D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK01, TK01, TK02, TK02, TK03, TK03, JMWZ, JMWZ, JIE, JIE, JKN, JKN, JAA, JAA, JMW, JMW, TSUJ, TSUJ, JHW, JHW, JGY, JGY, MAJ, MAJ, CD2, CD2, LSA, LSA, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JSG, HMMJ, HMMJ, JHE, JHE, JKO, JKO, JEG, JEG, JEG, JEG, JAO, JAO, JIZ, JIZ, JMY, JMY, JHU, JHU, JHU, JHU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAJZ, JAJZ, JNY, JNY, JGF, JGF, JGF, JGF, JWF, JWF, MAJ, MAJ, MAJ, MAJ, MAT, MAT, JNU, JNU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ, ASAJ, YSS, YSS, SONM, SONM, YAK, YAK, MKAR, MKAR, MKAR, MKAR, KURK, KURK, BVAR, BVAR, FITZ, FITZ, FITZ, FITZ, WRAB, WRAB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WBR, WBR, WRA, WRA, WRA, WRA, CTAR, CTAR, ASAR, ASAR, ASPA, ASPA, STKA, STKA, STKA, STKA, ARCES, ARCES, FINES, FINES, AKASG, AKASG, BRTR, BRTR, GERES, GERES, GERES, GERES, TXAR, TXAR, TXAR, TXAR.

NEIC 05 16:02:27.0, 0.7, 33.42N, 137.16E, h10km, mb4.1/4, Error ellipse: s-maj=18.4km s-min=11.4km az=90.0
JMA 05 16:02:27.0, 0.7, 33.37N, 136.94E, h48km, 3km, M3.8
JMA 05 16:02:32.3, 1.1, 33.42N, 137.23E, h56km, 7km, mb3.4/5, mb1.3/5.7, mb1mx3.3/2.3, Error ellipse: s-maj=19.9km s-min=9.2km az=13.0

ISC 05 16:02:28.3, 1.1, 33.42N, 137.23E, h56km, 7km, mb3.4/5, h56km, 2.9km, comp-P, n30, 0.67/41, mb3.9/8, 6C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK01, TK01, TK02, TK02, TK02, TK02, JIE, JIE, JKN, JKN, JKN, JKN, JMWZ, JMWZ, TK03, TK03, JAA, JAA, JAA, JAA, JMW, JMW, TSUJ, TSUJ, JHW, JHW, JGY, JGY, MAJ, MAJ, MAT, MAT, JNU, JNU, CBJ, CBJ, ASAJ, ASAJ, YSS, YSS, BJT, BJT, WHN, WHN, HIA, HIA, HHC, HHC, HHC, HHC, GYA, GYA, SONM, SONM, SONM, SONM, SONM, SONM, LZH, LZH, LZH, LZH, MA2, MA2, CD2, CD2, LSA, LSA, MKAR, MKAR, MKAR, MKAR.

NEIC 05 16:02:27.0, 0.7, 33.42N, 137.16E, h10km, mb4.1/4, Error ellipse: s-maj=18.4km s-min=11.4km az=90.0
JMA 05 16:02:27.0, 0.7, 33.37N, 136.94E, h48km, 3km, M3.8
JMA 05 16:02:32.3, 1.1, 33.42N, 137.23E, h56km, 7km, mb3.4/5, mb1.3/5.7, mb1mx3.3/2.3, Error ellipse: s-maj=19.9km s-min=9.2km az=13.0

ISC 05 16:02:28.3, 1.1, 33.42N, 137.23E, h56km, 7km, mb3.4/5, h56km, 2.9km, comp-P, n30, 0.67/41, mb3.9/8, 6C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK01, TK01, TK02, TK02, TK02, TK02, JIE, JIE, JKN, JKN, JKN, JKN, JMWZ, JMWZ, TK03, TK03, JAA, JAA, JAA, JAA, JMW, JMW, TSUJ, TSUJ, JHW, JHW, JGY, JGY, MAJ, MAJ, MAT, MAT, JNU, JNU, CBJ, CBJ, ASAJ, ASAJ, YSS, YSS, BJT, BJT, WHN, WHN, HIA, HIA, HHC, HHC, HHC, HHC, GYA, GYA, SONM, SONM, SONM, SONM, SONM, SONM, LZH, LZH, LZH, LZH, MA2, MA2, CD2, CD2, LSA, LSA, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, KURK, BVAR, BVAR, ZRKN, ZRKN, WRAB, WRAB, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR.

IDC 05 16:04:47.4, 0.9, 33.30N, 137.01E, mb3.8/7, mb1.4/0.8, mb1mx3.8/2.0, ML3.1/1, Error ellipse: s-maj=31.8km s-min=19.6km az=53.0
NEIC 05 16:04:48.5, 0.5, 33.33N, 137.09E, h10km, mb3.9/3, Error ellipse: s-maj=15.8km s-min=9.1km az=93.0
JMA 05 16:04:50.5, 0.2, 33.45N, 136.97E, h31km, M3.2
JMA 05 16:04:49.6, 1.4, 33.38N, 137.01E, 0.04, h31km, 10km, n25, 0.86/35, mb3.8/10, 2D, Near south coast of eastern Honshu

IDC 05 16:06:42.7, 0.3, 33.20N, 136.90E, h10km, mb4.5/10, Error ellipse: s-maj=7.6km s-min=6.1km az=99.0
JMA 05 16:06:42.3, 0.1, 33.22N, 136.92E, h40km, M4.3
JMA Felt J1

IDC 05 16:06:42.7, 0.3, 33.22N, 136.89E, h26km, 3km, mb3.8/12, mb1.4/0.16, mb1mx3.9/2.3, ML3.8/4, Error ellipse: s-maj=17.8km s-min=11.0km az=66.0
ISC 05 16:06:42.7, 0.3, 33.27N, 136.93E, 0.03, h25km, h25km, 6km, comp-P, n61, 0.19/67, mb4.3/26, 2C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK02, TK02, JIE, JIE, JKN, JKN, JKN, JKN, JMWZ, JMWZ, TK04, TK04, TSUJ, TSUJ, TSUJ, TSUJ, JHE, JHE, JHU, JHU, MAJO, MAJO, MAJO, MAJO, MAT, MAT, MAT, MAT, SONM, SONM, SONM, SONM, SONM, SONM, FITZ, FITZ, FITZ, FITZ, WRAB, WRAB, WRAB, WRAB, WBR, WBR, WRA, WRA, WRA, WRA, CTAR, CTAR, ASAR, ASAR, ASPA, ASPA, STKA, STKA, STKA, STKA, ARCES, ARCES, FINES, FINES, AKASG, AKASG, BRTR, BRTR, GERES, GERES, GERES, GERES, TXAR, TXAR, TXAR, TXAR.

ISC 05 16:06:42.7, 0.3, 33.27N, 136.93E, 0.03, h25km, h25km, 6km, comp-P, n61, 0.19/67, mb4.3/26, 2C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK02, TK02, JMWZ, JMWZ, JKN, JKN, JIE, JIE, JMW, JMW, TSUJ, TSUJ, JAW, JAW, JAW, JAW, JHE, JHE, JHE, JHE, JEG, JEG, JAU, JAU, JAO, JAO, JAW, JAW, JGF, JGF, JFM, JFM, JGM, JGM, JYN, JYN, JKY, JKY, JGN, JGN, JKG, JKG, MAT, MAT.

NEIC 05 16:06:42.7, 0.3, 33.27N, 136.93E, 0.03, h25km, h25km, 6km, comp-P, n61, 0.19/67, mb4.3/26, 2C-2D, Near south coast of western Honshu

ISC 05 16:06:42.7, 0.3, 33.27N, 136.93E, 0.03, h25km, h25km, 6km, comp-P, n61, 0.19/67, mb4.3/26, 2C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TK02, TK02, JMWZ, JMWZ, JKN, JKN, JIE, JIE, JMW, JMW, TSUJ, TSUJ, JAW, JAW, JAW, JAW, JHE, JHE, JHE, JHE, JEG, JEG, JAU, JAU, JAO, JAO, JAW, JAW, JGF, JGF, JFM, JFM, JGM, JGM, JYN, JYN, JKY, JKY, JGN, JGN, JKG, JKG, MAT, MAT.

Table of astronomical observations for 5d 16h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 116, listing station names, coordinates, and observation details.

ellipse: s-maj=23.6km s-min=19.1km az=26.4
ISC 05 16:43:13.6:0.2, 15.19S, 0.67:173.59W, 0.05, h10km
(h12km, 1.5km; p-P), n179, e113/93, mb4.4, M5.3/2,
16C-5D, Tonga Islands

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

Table with columns: YAK, KMI, SYO, LZO, LZH, VNA3, SNA, BOD, VNA1, SONM, GTA, GTO, GTA, GTO, ZRNK, ARN, ARCES, OBN, OBN, OBN, CLL, BRG, BRG, KOLS, KOLS, Ujice, Dobra, OKC, CRVS, MORC, MOX, MOX, MOX, PRU, PRU, KECS, GIVF, BAIF, VYHS, VYHS, GRAT, GRF, KMBO, PSZ, PSZ, ELDT, WLF, KHC, AVNT, AVNT, GERES, GERES, ZEST, ROSF, ROSF, FLN, LDF, LGK, STUR, MEZF, MOA, CDF, ARSA, HAU, MEST, HINT, WANA, ESKT, KBA, MOTA, WTAA, SQT, DAVA, LOR, SSF, ULFD, SVF, SMF, BGF, BRMO, CABF, PGB, TRCF, GUS, DIVS, VTS, RZN, BARS, RJF, MMB, KKB, LPL, LGP, EIL, CAF, BNI, BNI, SKO, ORIS, VIVF, MBDF, LASF, SBF, MTLF, ETSU, EVO, EVO, ESDC. Lists seismic events with details like magnitude, depth, and station codes.

Error ellipse: s-maj=25.5km s-min=18.8km az=132.0
ISC 05 16:44:23.4:1.1, 0.6N, 0.2:67.4E, 0.2, h10km, n9, o097/28,
mb3.9/7, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Carlsberg Ridge event.

NEIC 05 16:49:25.0:0.4, 33.10N, 137.28E, h10km, mb4.3/7, Error
ellipse: s-maj=11.2km s-min=7.9km az=97.0
JMA 16:49:26.3:0.1, 33.15N, 137.16E, h40km, mb4.4/1,
JMA Feil, J1

IDC 05 16:49:26.0:0.6, 33.12N, 137.32E, h36km, mb3.8/11,
mb1.3/9/14, mb1.3/8/26, ML3.6/3. Error ellipse:
s-maj=21.1km s-min=12.1km az=67.0
ISC 05 16:49:26.8:0.4, 33.16N, 0.03:137.18E, 0.03, h38km,
h38km, 6km; p-P, n41, e102/52, mb4.0/13/7, Near
south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Honshu event.

BJJ 05 16:50:57.7, 32.82N, 137.38E, h28km, mb3.9
IDC 05 16:50:57.2:0.8, 33.19N, 137.15E, mb4.0/9, mb1.4/1/11,
mb1mx4.0/25, ML3.5/2, MS4.5/1, Ms1.4/5/1, ms1mx4.0/32,
Error ellipse: s-maj=26.5km s-min=18.9km az=61.0
NEIC 05 16:50:59.4:0.3, 33.19N, 137.15E, h13km, mb4.4/1,
Error ellipse: s-maj=17.4km s-min=14.6km az=83.0
JMA 05 16:50:59.7:0.1, 33.18N, 137.10E, h38km, mb4.2
ISC 05 16:50:59.1:2.3, 32.21N, 0.04:137.12E, 0.04, h31km, 9km,
n40, o093/48, mb3.9/10, 6D, Near south coast of eastern
Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Honshu event.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hachioji jima 2, JHM, JGM, etc.

BJI 05 16:53:10.9, 32.53N, 137.73E, h10km, mb4.5
IDC 05 16:53:17.6, 0.7, 33.29N, 136.96E, mb4, 1/12, mb1 4.2/14, mb1mx4.1/23, ML2.9/2, Error ellipse: s-maj=23.5km s-min=14.9km az=65.0

JMA 05 16:53:18.9, 0.1, 33.28N, 136.95E, h42km, mb3, M8.0
NEIC 05 16:53:19.1, 0.3, 33.30N, 136.93E, h10km, mb4, 4/9, Error ellipse: s-maj=7.6km s-min=6.0km az=93.0

ISC 05 16:53:17.9, 1.6, 33.30N, 0.03, 136.94E, 0.03, h14km, 10km, n47, 0.090/55, mb4.2/21, 3C-1D, Near south coast of western Honshu

Main table of station data for the left column, including codes like TK01, TK02, JWZ, etc.

IDC 05 16:58:13.2, 6.7, 33.23N, 137.80E, mb3.5/4, mb1 3/7, mb1mx3.5/19, Error ellipse: s-maj=272.0km s-min=29.0km az=61.0
ISC 05 16:58:16.0, 1.1, 33.22N, 0.1, 137.8E, 0.4, h3km, n5, 0.064/5, mb3.5/4, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAT Matushiro, MKAR Makanchi Array, etc.

JMA 05 16:58:51.9, 0.1, 33.19N, 137.21E, h41km, M3.6, 1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK02 Tokai 2, TK03 Tokai 3, etc.

JMA 05 17:00:51.2, 0.1, 33.10N, 136.98E, h40km, M3.5
ISC 05 17:00:51.4, 1.4, 33.16N, 0.09, 136.97E, 0.05, h26km, 10km, n12, 0.050/21, 1C-4D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK02 Tokai 2, JWZ Kozaga, etc.

IDC 05 17:09:23.5, 1.4, 32.92N, 137.46E, mb3.4/3, mb1 3.6/3, mb1mx3.4/21, Error ellipse: s-maj=32.3km s-min=24.5km az=4.0

JMA 05 17:09:24.0, 0.1, 33.22N, 137.21E, h38km, 2km, M4.0
ISC 05 17:09:24.0, 0.8, 33.23N, 0.06, 137.20E, 0.04, h39km, 15km, n19, 0.058/29, mb3.4/3, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK01 Tokai 1, TK02 Tokai 2, etc.

JMA 05 17:10:28.3, 0.1, 33.08N, 137.08E, h45km, M3.5
ISC 05 17:10:29.5, 1.6, 33.22N, 0.1, 137.07E, 0.06, h45km, n12, 0.045/17, 5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWZ Kozaga, JIE Ise, etc.

IDC 05 17:10:58.7, 2.8, 13.67S, 167.55E, mb4.0/3, mb1 4/13, mb1mx3.8/11, Error ellipse: s-maj=113.0km s-min=45.8km az=138.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SSF Saint Saulge, LPL La Plagne, etc.

JMA 05 17:16:45.2, 0.1, 33.29N, 136.97E, h54km, 4km, M2.8
IDC 05 17:17:05.1, 1.1, 0.30, 59N, 136.30E, mb3.3/3, mb1 3.5/3, mb1mx3.3/18, Error ellipse: s-maj=444.0km s-min=32.2km az=64.0

ISC 05 17:16:46.2, 1.1, 33.336N, 0.05, 136.96E, 0.05, h29km, 8km, n13, 0.059/14, mb3.3/2, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK02 Tokai 2, JIE Ise, etc.

JMA 05 17:17:15.6, 0.1, 33.35N, 136.96E, h44km, 4km, M2.9
ISC 05 17:17:15.0, 2.3, 33.38N, 0.07, 136.96E, 0.05, h14km, 18km, n10, 0.052/16, mb3.3/1, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK02 Tokai 2, TK02 Tokai 2, etc.

BJI 05 17:19:32.0, 33.25N, 137.29E, h24km, mb4.2, mb4.5
IDC 05 17:19:32.5, 0.6, 33.33N, 137.06E, mb4.2/17, mb1 4.3/20, mb1mx4.2/26, ML3.4/3, Error ellipse: s-maj=20.6km s-min=13.9km az=71.0

JMA 05 17:19:33.0, 0.1, 33.24N, 137.03E, h35km, 3km, M4.1
NEIC 05 17:19:34.1, 0.2, 33.35N, 137.00E, h10km, mb4, 6/22, Error ellipse: s-maj=6.9km s-min=5.3km az=90.0

MOS 05 17:19:36.0, 0.9, 33.35N, 137.00E, h30km, mb4.3/10, Error ellipse: s-maj=34.9km s-min=11.4km az=112.6

ISC 05 17:19:32.3, 1.4, 33.31N, 0.03, 137.00E, 0.03, h9km, 8km, n113, 0.085/117, mb4.5/47, 11C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK01 Tokai 1, TK02 Tokai 2, etc.

JMA 05 17:19:36.0, 3s, baz=53, slow=19, SNR=6.3
JGM Miyama 2.40 354 P Pn 17 20 12.7 +0.3

Main table of station data for the right column, including codes like JMAJ Matushiro, MAT Matushiro, etc.

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters like SNR and error rates.

Table of station data for the 5d 17h period, continuing from the previous table with station names and parameters.

JMA 05 17:32:21.6:0.1, 33.03N-136.88E, h43km, M3.9
ISC 05 17:32:24.1:4, 33.09N-136.87E, 0.06, h43km, n13,

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters.

NEIC 05 17:33:58.3:1.8, 38.56N-45.32E, h43km, 25km, mb3.9/4,
Error ellipse: s-maj=39.8km s-min=11.9km az=176.0

IDC 05 17:34:01.3:5.1, 38.77N-45.26E, h65km, 50km, mb3.6/4,
mb1.3/6.6, mb1mx3/4/16, ML2.6/1, Error ellipse:

ISC 05 17:33:52.1:0.8, 38.3N-10.6, h10km, n24,
a1343/28, mb3.8/7, Iran-Armenia-Azerbaijan border

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters.

NEIC 05 17:34:09.0:2, 33.05N-136.75E, h10km, mb4.6/17, Error
ellipse: s-maj=6.0km s-min=4.6km az=92.0

JMA 05 17:34:09.2:0.1, 33.07N-137.01E, h37km, 4km, M4.7
JMA Felt J1.

BUI 05 17:34:10.6:33.01N-136.99E, h30km, mb4.8, Ms5.0,
Ms2.0

MOS 05 17:34:11.7:1.2, 32.97N-136.75E, h33km, mb4.8/16, Error
ellipse: s-maj=16.9km s-min=9.8km az=107.3

IDC 05 17:34:12.0:0.5, 33.01N-137.00E, h26km, 3km, mb4.2/20,
a:4.3/23, mb1mx4/3/28, ML3.9/3, Error ellipse:

s-maj=11.4km s-min=8.0km az=88.0
ISC 05 17:34:08.9:1.1, 33.08N-136.91E, 0.03, h15km, 7km,
h25km, 1.3km, pp-P, n124, s171/140, mb4.5/51, MS5.1/3,

4C-5D, Near south coast of western Honshu

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters.

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters.

NEIC 05 17:26:44.8:5.8, 19.53S-177.66W, h263km, 54km, mb3.7/2,
Error ellipse: s-maj=27.3km s-min=18.0km az=205.0

IDC 05 17:26:58.2:11.0, 20.12S-177.76W, h39km, 124km,
mb3.2/6, mb1.3/4.7, mb1mx3/3/12, Error ellipse:

s-maj=74.7km s-min=25.8km az=11.0
ISC 05 17:26:47.0:0.9, 19.7S-0.2, 177.7W-0.2, h300km, n17,

a093/11, mb3.5/7, Fiji Islands region

Table of station data for the 5d 17h period, including station names, coordinates, and various parameters.

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

JMA 05 17:39:02.01, 33.05N, 137.22E, h38km, 3km, M3.5

ISC 05 17:39:02.1, 33.07N, 0.07x137.20E, 0.05, h38km, n13, 0.65/472, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tokai 1, Tokai 2, etc.

IDC 05 17:41:20.9, 0.5, 15.10Sx173.61W, mb4.7/16, mb1 4.9/17, mb1mx4.8/19, ML4.9/1, Error ellipse: s-maj=25.4km s-min=14.3km az=141.0

SYO 05 17:41:21.2, 15.49Sx173.34W, h10km, MB4.9

BUI 05 17:41:22.2, 15.10Sx173.60W, h10km, MB5.0, mb4.7, M5.1, Ms24.8

NEIC 05 17:41:22.0, 2.0, 15.08Sx173.61W, h10km, mb4.8/20, Error ellipse: s-maj=12.2km s-min=5.5km az=142.0

ORF 05 17:41:35.6, 10.92Sx173.26W, h30km, MB5.5

ISC 05 17:41:20.4, 0.3, 15.13S, 0.07x173.61W, 0.06, h10km, n132, s1905/71, mb4.8/41, 6C-1D, Tonga Islands

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

JMA 05 17:50:57.4, 0.1, 33.31N, 136.88E, h39km, 4km, M3.6

ISC 05 17:50:56.8, 1.4, 33.35N, 0.07x136.90E, 0.05, h19km, 9km, n11, 0.65/45/19, 1C-1D, Near south coast of western Honshu

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

BUI 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

JMA 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

JMA 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

JMA 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

JMA 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

JMA 05 17:56:48.5, 8.31Sx129.10E, h138km, mb4.7

NEIC 05 17:56:59.1, 1.9, 7.53S, 128.22E, h138km, 17km, mb4.6/8, Error ellipse: s-maj=15.9km s-min=8.6km az=61.0

IDC 05 17:56:59.3, 3.4, 7.54S, 128.19E, h142km, 3km, mb4.3/9, mb1 4.4/12, mb1mx4.3/17, Error ellipse: s-maj=29.2km s-min=11.4km az=62.0

ISC 05 17:56:56.3, 2.0, 7.59S, 0.06x128.14E, 0.09, h127km, 19km, n42, s1919/39, mb4.8/20, 4C-2D, Banda Sea

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MBWA Marble Bar, ASAR Alice Springs, etc.

BUI 05 18:27:58.2, 32.61N, 137.04E, h42km, mb4.4, Ms4.7
NEIC 05 18:27:58.7, 0.6, 33.01N, 136.72E, h10km, mb4.5, Error ellipse: s-maj=11.7km s-min=9.7km az=129.0

JMA 05 18:27:58.1, 0.1, 32.98N, 136.75E, h36km, Mb4.0
IDC 05 18:28:01.1, 0.6, 32.96N, 136.65E, h26km, 3km, mb3.7/9, mb1.3, 8/11, mb1mx3.8/20, ML3.3/2, MS3.7/1, Ms1.3/7/1, ms1mx3.6/20, Error ellipse: s-maj=22.5km s-min=12.8km az=62.0

ISC 05 18:27:58.0, 1.0, 33.06N, 0.04, 136.74E, 0.03, h15km, 7km, h26km, 8km, pP, n4.7, e1905/57, mb4.0/16, MS4.4/1, 5C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JWZ Kozaga, TK02 Tokai 2, etc.

comp-Z, 1.0m, 19.9s, baz=315, slow=9.6, SNR=3.5
MAJO Matsushiro 3.68 19 eP Pn 18 28 55.3 +0.3

YSS Yuzh-Sakhalins 14.62 17 eP P 18 31 25.8 -0.3
BJT Baijiatou 17.91 299 eP P 18 32 10.1 +1.9

BBJ Beijing 17.91 299 eP P 18 32 10.1 +1.9
HHC Hu-ho-hao-te 21.52 98 eP P 18 32 49.0 +0.5

ENH Enshi 23.34 271 eP P 18 33 07.8 +1.2
SONM Songino Array 27.19 312 P P 18 33 43.1 +0.3

LSA Lhasa 38.84 278 P P 18 35 26.0 +1.8
ZAL Zalesovo 41.93 316 P P 18 35 48.0 -1.4

MKAR Makanchi Array 43.12 305 P P 18 35 59.2 0.0
MKAR Makanchi Array 44.94 311 eP P 18 36 06.3 +2.5

BOR Borovoye Array 50.50 314 eP P 18 36 26.2 0.0
BVAR Borovoye Array 50.50 314 eP P 18 36 57.4 +0.2

BRVK Borovoye 50.50 314 eP P 18 36 56.0 -1.7
WRA Warramunga Arr 52.75 183 P P 18 37 12.4 -2.3

ASAR Alice Springs 56.47 183 P P 18 37 21.2 +1.9
ASAR Alice Springs 56.47 183 P P 18 37 40.1 -1.7

STKA Stephens Creek 64.75 175 P P 18 38 36.7 -1.4
STKA Stephens Creek 64.75 175 P P 18 38 45.0 +2.2

AKASG Malin Array Be 75.03 321 P P 18 38 36.7 -1.4
TPNV Topopah Spring 82.64 51 eP P 18 40 24.8 +2.7

PRNU Prunhonic 82.77 327 eP P 18 40 32.7 0.0
PDAR Pinedale Array 83.18 43 P P 18 40 26.4 +1.6

KHC Kasperske Hory 83.22 326 eP P 18 40 35.5 +5.9
GERES GERES Array B 83.97 326 eP P 18 40 29.3 +0.8

PV10 Paradox Valley 86.28 46 eP P 18 40 43.0 +2.7
TXAR Lajitas Array 86.59 50 pP P 18 41 33.1 +4.1

JMA 05 18:34:49.1, 0.1, 33.07N, 137.11E, h38km, 3km, M3.6
ISC 05 18:34:49.8, 1.1, 33.09N, 0.07, 137.10E, 0.04, h33km, n16, e049/28, 3D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TK01 Tokai 1, TK02 Tokai 2, etc.

DJA 05 18:56:54.9, 0.9, 9.11S, 115.70E, h33km, MD5.1/4, ML3.7/3, 2C-9D, Error ellipse: s-maj=17.2km s-min=9.9km az=172.0, South of Ball Bay

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RATI Rata, INGI Ingas, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JWZ Tokai 3, JIE Ise, etc.

IDC 05 18:39:42.2, 1.3, 41.56N, 144.16E, mb1.6, mb1.3/7.5, mb1mx3.5/18, ML2.9/1, MS3.8/1, Ms1.3/8/1, ms1mx3.6/28, Error ellipse: s-maj=40.5km s-min=27.0km az=62.0

JMA 05 18:39:45.8, 0.1, 41.88N, 144.11E, h39km, 3km, M3.4
ISC 05 18:39:45.1, 1.8, 41.88N, 0.07, 144.19E, 0.10, h23km, 9km, n13, e081/19, mb3.5/4, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JEM Erimo, JCH Churui, etc.

JMA 05 18:47:40.0, 0.2, 33.02N, 137.23E, h39km, 3km, M3.9
BUI 05 18:47:48.9, 33.50N, 137.71E, h36km, mb4.1

NEIC 05 18:47:49.8, 0.7, 33.08N, 137.27E, mb4.1/3, Error ellipse: s-maj=17.4km s-min=12.1km az=100.0
IDC 05 18:47:49.9, 0.9, 33.01N, 137.41E, h26km, 5km, mb3.6/7, mb1.3/7/9, mb1mx3.6/20, ML3.2/2, Error ellipse: s-maj=26.4km s-min=16.3km az=51.0

ISC 05 18:47:21.1, 0.3, 33.08N, 0.04, 137.20E, 0.04, h23km, 7km, h26km, 1.6km, pP, n3.4, e095/47, mb3.8/10, 2C-2D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TK01 Tokai 1, TK02 Tokai 2, etc.

SONM Songino Array 27.47 312 P P 18 53 34.6 +1.2
MKAR Makanchi Array 43.42 305 P P 18 55 51.7 +1.9

WRA Warramunga Arr 52.79 183 P P 18 57 01.9 -1.2
WRA Warramunga Arr 52.79 183 P P 18 57 09.9 -0.3

ASAR Alice Springs 56.52 184 P P 18 57 30.0 0.0
ASAR Alice Springs 56.52 184 P P 18 57 37.7 +0.4

AKASG Malin Array Be 75.26 321 P P 18 59 30.9 +1.1
BRTR Keskin Array B 78.82 310 P P 18 59 52.1 +2.3

TPNV Topopah Spring 82.35 51 eP P 19 00 18.0 +1.0
GERES GERES Array B 84.17 326 P P 19 00 23.5 +2.7

PV10 Paradox Valley 85.89 46 eP P 19 01 27.5 +0.5
TXAR Lajitas Array 95.28 50 pP P 19 01 20.8 +2.6

DJA 05 18:56:54.9, 0.9, 9.11S, 115.70E, h33km, MD5.1/4, ML3.7/3, 2C-9D, Error ellipse: s-maj=17.2km s-min=9.9km az=172.0, South of Ball Bay

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RATI Rata, INGI Ingas, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like INGI 203nm, 0.2s, KEDI Kedondong, etc.

IDC 05 19:02:21.8, 4.0, 17.91S, 176.51E, mb4.0/3, mb1.4/2/3, mb1mx3.9/9, Error ellipse: s-maj=154.0km s-min=46.5km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

NEIC 05 19:09:32.0, 2.0, 33.01N, 136.97E, h10km, mb4.0/2, Error ellipse: s-maj=19.3km s-min=11.7km az=107.0
IDC 05 19:09:32.2, 7.3, 32.83N, 136.55E, mb3.7/4, mb1.3/9/4, mb1mx3.7/19, Error ellipse: s-maj=293.0km s-min=24.2km az=63.0

JMA 05 19:09:33.6, 0.1, 33.08N, 136.87E, h43km, M3.9
ISC 05 19:09:31.3, 0.7, 33.09N, 0.04, 136.88E, 0.05, h10km, n21, e092/28, mb3.7/6, 2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JWZ Kozaga, JKN Kiinagashima, etc.

NEIC 05 19:14:07.2, 0.9, 32.89N, 137.91E, h10km, mb4.0/2, Error ellipse: s-maj=27.5km s-min=15.0km az=90.0
IDC 05 19:14:07.4, 1.1, 32.77N, 137.47E, mb3.6/4, mb1.3/8/5, mb1mx3.6/20, ML3.0/1, Error ellipse: s-maj=34.5km s-min=22.9km az=72.0

JMA 05 19:14:08.4, 0.2, 33.11N, 137.09E, h36km, M3.7
ISC 05 19:14:08.3, 0.8, 33.09N, 0.05, 137.12E, 0.04, h33km, 11km, n25, e087/35, mb3.6/6, 9D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TK02 Tokai 2, JWZ Kozaga, etc.

MKAR Makanchi Array 43.36 305 P P 19 22 13.9 +5.0
KURK Kurchatov 45.71 311 P P 19 22 33.5 +5.7

WRAB Tennant Creek 52.79 183 eP P 19 23 19.4 -3.2
WRA Warramunga Arr 52.80 183 P P 19 23 22.4 -0.3

PV10 Paradox Valley 86.03 46 P P 19 26 47.0 +0.4
TXAR Lajitas Array 95.30 50 P P 19 27 32.1 +1.8

IDC 05 19:17:09.0, 8.2, 31.26N, 136.90E, mb3.6/4, mb1.3/7/4, mb1mx3.6/18, Error ellipse: s-maj=333.0km s-min=24.6km az=65.0

JMA 05 19:17:10.8, 0.2, 33.13N, 137.17E, h32km, M3.6
ISC 05 19:17:07.2, 1.0, 33.00N, 0.06, 137.21E, 0.09, h100km, n13, e154/14, mb3.6/2, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JWZ Kozaga, JIE Ise, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WVW Waterville, BINY Binghamton, EMWV East Machias, etc.

IDC 05 20:44:12.7-8.0, 38.12N-73.18E, h74km, 67km, mb3.4/6, mb1 3.7/9, mb1mx3.5/19, ML4.42, Error ellipse: s-maj=55.4km s-min=20.5km az=24.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like KSH Kashi, AML Almayashu, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like GKN Gorkha, VOSK Vostochyna, KKN Kakadu, etc.

JMA 05 20:57:30.1-0.1, 33.33N-137.02E, h44km, 3km, M2.9, ISC 05 20:57:30.0-1.3, 33.33N-137.03E, 0.04, h36km, 38km, n15, c047/23, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like TK02 Tokai 2, JIE Ise, JKN Kiinagashima, etc.

BJI 05 20:58:21.8, 33.20N-137.20E, h10km, mb4.1, IDC 05 20:58:22.5-1.0, 33.18N-137.30E, mb3.8/5, mb1 3.8/8, mb1mx3.7/22, ML3.3/3, Error ellipse: s-maj=27.5km

NEIC 05 20:58:23.9-0.8, 33.19N-137.24E, h10km, mb3.9/1, Error ellipse: s-maj=18.7km s-min=12.7km az=103.0

JMA 05 20:58:23.0-1.0, 33.15N-137.22E, h43km, 2km, M3.9, ISC 05 20:58:23.7-1.0, 33.18N-137.21E, 0.03, h32km, 7km, n30, c098/43, mb3.9/3, 3C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, TK03 Tokai 3, etc.

IDC 05 20:58:31.3-0.8, 33.20N-137.28E, mb4.0/9, mb1 4.1/12, mb1mx4.0/24, ML3.8/3, Error ellipse: s-maj=22.7km s-min=17.4km az=12.3

NEIC 05 20:58:32.9-0.5, 33.18N-137.22E, h10km, mb4.0/3, Error ellipse: s-maj=11.7km s-min=11.0km az=76.0

ISC 05 20:58:31.0-0.5, 33.13N-137.21E, 0.06, h10km, n24, c081/25, mb3.9/11, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like ASAJ Asahikawa, DMN Daman, KKN Kakani, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like ASAJ Asahikawa, CN2 Changchun, BJT Baijiaotou, etc.

NEIC 05 21:01:44.2-1.7, 36.47N-70.22E, h215km, 18km, mb4.3/8, Error ellipse: s-maj=15.9km s-min=8.7km az=57.0

IDC 05 21:01:44.5-5.0, 36.48N-70.19E, h216km, 18km, mb3.5/11, mb1 3.6/13, mb1mx3.4/20, Error ellipse: s-maj=19.6km s-min=13.9km az=6.0

MOS 05 21:01:46.9-0.8, 36.53N-70.22E, h262km, mb3.8/6, Error ellipse: s-maj=32.3km s-min=17.8km az=93.0

NNC 05 21:01:49.8-2.8, 36.99N-70.17E, h209km, 18km, mpv4.0, Error ellipse: s-maj=30.0km s-min=23.1km az=53.0

ISC 05 21:01:43.2-0.5, 36.49N-70.10E, h211km, 6km, n64, c092/70, mb3.6/11, 9C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

Table with columns: NOA, NORSAR Array B, 43.98 323, P, P, 21 09 30.0 +0.2, etc.

IDC 05 21:05:35.2, 1.4, 33.35N, 137.03E, mb3.8/7, mb1 4.0/8, mb1mx3.8/21, ML3.0/1, Error ellipse: s-maj=50.7km s-min=19.4km az=71.0

BUJ 05 21:05:36.5, 32.98N, 137.14E, h29km, mb4.3/7, NEIC 05 21:05:36.0, 4.3, 33.29N, 137.00E, h10km, mb4.3/7, Error ellipse: s-maj=10.3km s-min=7.7km az=101.0

JMA 05 21:05:36.7, 0.1, 33.26N, 136.98E, h39km, mb3.4/3, M3.4 ISC 05 21:05:36.2, 0.9, 33.29N, 0.05, 136.96E, 0.03, h17km, mb6km, n36, c065/44, mb4.1/14, 8C, Near south coast of western Honshu

Main station list table for the first section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

NEIC 05 21:08:49.4, 35.01S, 70.52W, h3km, ML3.5(GUC), After GUC

GUC 05 21:08:49.4, 0.9, 35.01S, 70.52W, h3km, MD3.9, ML3.5, 6C-6D, Chile-Argentina border region

Main station list table for the second section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

MOS 05 21:10:15.2, 0.9, 36.56N, 71.16E, h267km, mb3.9/4, Error ellipse: s-maj=42.3km s-min=19.4km az=84.4

NEIC 05 21:10:16.2, 1.1, 36.64N, 71.37E, h252km, 19km, mb3.9/5, Error ellipse: s-maj=17.7km s-min=12.9km az=218.0

BUJ 05 21:10:18.3, 36.67N, 71.34E, h259km, mb3.5/3, JMA 05 21:10:19.7, 4.5, 36.72N, 71.40E, h289km, 45km, mb3.8/8, mb3.5/11, mb1mx3.8/18, Error ellipse: s-maj=22.3km s-min=15.4km az=21.0

NNC 05 21:10:22.0, 3.7, 37.19N, 71.43E, h232km, 21km, mpv4.0, Error ellipse: s-maj=46.3km s-min=32.0km az=58.0

ISC 05 21:10:15.3, 0.5, 36.71N, 0.04, 71.23E, 0.09, h255km, 7km, n46, c085/49, mb3.5/10, 6C-4D, Afghanistan-Tajikistan border region

Main station list table for the third section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

JMA 05 21:22:24.8, 0.2, 24.60N, 122.15E, h69km, M3.1, TAP 05 21:22:23.2, 24.38N, 122.11E, h60km, 1km, ML3.9, Taiwan region

Main station list table for the fourth section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

MDD 05 21:17:30.8, 1.5, 36.75N, 7.41W, h19km, 10km, mbLg1.3/6, Error ellipse: s-maj=13.3km s-min=7.8km az=35.0, PFXIMO

INMG 05 21:17:30.4, 0.9, 36.74N, 7.37W, h19km, 5km, ML1.3, Error ellipse: s-maj=4.5km s-min=3.2km az=47.0

ISC 05 21:17:29.8, 2.1, 36.7N, 0.1, 7.46W, 0.10, h19km, n12, c075/17, Strait of Gibraltar

Main station list table for the fifth section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

BUJ 05 21:18:29.0, 33.20N, 137.40E, h15km, mb4.0

JMA 05 21:18:29.0, 1.3, 33.06N, 137.24E, h38km, 2km, M3.5

IDC 05 21:18:30.0, 1.0, 33.13N, 0.04, 137.17E, 0.04, h19km, 7km, n33, c090/45, mb3.8/10, Near south coast of eastern Honshu

Small station list table for the sixth section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

TK03 Tokai 3 1.23 32 S Sb 21 19 08.0 +0.3

Main station list table for the seventh section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

JMA 05 21:22:24.8, 0.2, 24.60N, 122.15E, h69km, M3.1, TAP 05 21:22:23.2, 24.38N, 122.11E, h60km, 1km, ML3.9, Taiwan region

Main station list table for the eighth section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

IDC 05 21:22:0.9, 32.71N, 136.89E, mb4.0/12, mb1 4.1/14, mb1mx3.0/24, ML3.5/2, MS3.0/1, Ms1 3.0/1, ms1mx2.9/28, Error ellipse: s-maj=27.0km s-min=20.4km az=27.0

NEIC 05 21:23:23.0, 0.6, 32.84N, 136.99E, h10km, mb4.2/2, Error ellipse: s-maj=14.3km s-min=10.9km az=146.0

JMA 05 21:23:26.2, 0.1, 33.12N, 136.93E, h40km, M4.2

JMA Felt I/J, ISC 05 21:23:25.0, 5.3, 33.12N, 0.04, 136.92E, 0.03, h10km, n31, c097/46, mb4.0/14, 10D, Near south coast of western Honshu

Main station list table for the ninth section, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

JMA 05 21:32:20.6±0.2, 33.07N±137.25E, h36km±3km, M3.5
ISC 05 21:32:21.0±1.5, 33.09N±0.08, 137.22E±0.07, h29km±11km,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Tokai 1, Tokai 2, Kozaga, etc.

ISK 05 21:34:35.1, 36.95N±27.66E, h9km, MD3.3
NEIC 05 21:34:37.3, 36.87N±27.60E, h22km, MD3.3(ATH), After ATH.

ATH 05 21:34:38.5, 36.74N±27.61E, h26km±7km, MD3.3/6
ISC 05 21:34:36.7±0.5, 36.96N±0.03, 27.68E±0.04, h17km±7km,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Kayabasi, Milas, Yerkesik, etc.

IDC 05 21:37:14.2±2.6, 7.79S±11.52W, mb4.1/11, mb1.4/2/12,
mb1mx4.0/20, ML3.4/1, MS4.2/6, Ms1.4/2/6, ms1mx4.0/20,

ISC 05 21:37:20.0±0.6, 6.81S±12.42W, h10km, mb4.6/5, Error
ellipse: s-maj=17.7km s-min=12.3km az=132.0

ISC 05 21:37:19.0±4.6, 6.95S±1.12, 13.2W±0.1, h15km±32km, n30,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Lamto, Kisan Boka, Toumoudi, etc.

LDG 05 21:44:12.8±0.1, 49.36N±6.98E, h1km, Md2.3/1, ML2.6/6,
Error ellipse: s-maj=3.5km s-min=1.7km az=94.0,

NEIC 05 21:44:13.1, 49.35N±6.86E, h1km, ML2.6(LDG),
ML2.2(STR), After STR.

BGR 05 21:44:13.1±0.4, 49.37N±6.90E, h1km, ML1.6/2, Error
ellipse: s-maj=4.4km s-min=3.3km az=96.0

BNS 05 21:44:15.1±1.3, 49.45N±6.97E, h1km, ML1.8
ISC 05 21:44:11.2±0.3, 49.36N±0.01, 6.90E±0.04, n28, r1905/47,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Ruppelstein, Walfardange, etc.

Table with columns: CDF, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Champ du Feu, Welschbruch, etc.

IDC 05 21:50:00.1±15.0, 7.83S±129.29E, h130km±174km,
mb3.6/1, mb1.3/2.4, mb1mx3.1/1.1, ML3.1/3, MS3.8/1,

ISC 05 21:49:58.2±3.6, 7.85S±0.1, 129.4E±0.2, h127km±40km, n5,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Fitzroy Crossi, Warrungarra Arr, etc.

BUI 05 21:53:56.5, 5.86S±146.99E, h122km, mb5.3, mb4.8
NEIC 05 21:53:59.0±0.3, 5.74S±146.88E, mb4.9/17, Error ellipse:

IDC 05 21:53:58.8±0.6, 5.75S±146.81E, h114km±4km, mb4.3/12,
mb1.4/5/14, mb1mx4.5/16, MS3.9/5, Ms1.3/9.5,

ISC 05 21:53:57.3±0.3, 5.69S±0.04, 146.87E±0.05, h112km±,
h121km±1.3km, pP-P, n5, n6S, e09/7/63, mb4.7/29, 3C-4D,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Wau, Port Moresby, Rabaul, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Warrungarra Arr, Alice Springs, etc.

LDG 05 22:23:10.7±0.1, 33.16N±136.97E, h39km±4km, M3.5, 5D,

JMA 05 22:22:06.47±0.1, 33.17N±137.01E, h45km, M3.7, 4D, Near

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Kozaga, Kiinagashima, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like NWA0, NWA0, NWA0, etc.

JMA 05 22:22:06.47±0.1, 33.17N±137.01E, h45km, M3.7, 4D, Near

South coast of eastern Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Kozaga, Kiinagashima, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Tokai 1, Tokai 2, etc.

BUI 05 22:48:41.6, 33.11N±137.52E, h31km, mb4.9, mb4.6,

NEIC 05 22:48:43.1±0.2, 33.12N±137.15E, h10km, mb4.7/28,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Lists stations like Mitsune, Wachi, etc.

NEIC Recorded [1 JMA] in Aichi, Gifu, Mie, Osaka and Wakayama Prefectures.
 JMA 05 22:48:43.9.0.1, 33.19N, 137.10E, h37km, mb4.3, M4.3
 JMA Felt II J1
 MOS 05 22:48:45.1±1.2, 33.23N, 137.22E, h33km, mb4.7/22, Error ellipse: s-maj=15.8km s-min=7.6km az=98.8
 IDC 05 22:48:46.7±0.5, 33.14N, 137.19E, h36km, mb4.2/21, mb1.4/2.5, mb1mx4.3/2.9, ML3.8/4.9, Error ellipse: s-maj=14.0km s-min=10.4km az=79.0
 NIED 05 22:49:00, 33.30N, 136.90E, h11km, Mw4.4 Best double couple: Mb4.75x10¹⁵ NP1₃231¹, 854¹, 149¹. NP2₃107¹, 852¹, 132¹

ISC 05 22:48:45.7±0.2, 33.26N, 0.03-137.10E, 0.03, h35km, h35km, 1.7km, pP-P, n170, c1905/181, mb4.6/6.1, MS4.1/8, 6C-14D, Near south coast of eastern Honshu

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
TK01	Tokai 1	0.65	39	Op	22 48 57.4	-1.0
TK02	Tokai 2	0.88	38	Op	22 49 07.1	-0.4
TK03	Tokai 3	1.15	38	Op	22 49 00.8	-0.8
TK03	Tokai 3	1.15	38	Op	22 49 04.9	-0.7
JIE	Ise	1.18	344	Op	22 49 20.6	+0.2
JIE	Ise	1.18	344	Op	22 49 06.0	+0.1
JWZ	Kozaga	1.19	283	Op	22 49 22.3	+1.3
JWZ	Kozaga	1.19	283	Op	22 49 04.7	-1.4
JKN	Kiinagashima	1.21	325	Op	22 49 05.9	-0.4
JKN	Kiinagashima	1.21	325	Op	22 49 20.6	-1.2
TK04	Tokai 4	1.29	30	Op	22 49 07.2	-0.3
TK04	Tokai 4	1.29	30	Op	22 49 24.0	-0.0
JAA	Atsumi	1.37	1	Op	22 49 08.4	-0.3
TSUJ	Tsu 2	1.55	339	Op	22 49 25.9	+0.1
JWM	Minabe	1.57	292	Op	22 49 10.6	-1.0
JWY	Kouya	1.58	308	Op	22 49 29.5	-1.5
JWY	Kouya	1.58	308	Op	22 49 11.5	-0.1
JHE	Heguri	1.82	320	Op	22 49 30.6	-0.5
JHE	Heguri	1.82	320	Op	22 49 14.9	-0.3
SHZ3	Shizuoka 3	2.02	27	Op	22 49 17.1	-0.9
SHZ3	Shizuoka 3	2.02	27	Op	22 49 41.2	-1.1
JHU	Hachijo jima 2	2.25	93	Pn	22 49 19.4	-2.0
JHU	Hachijo jima 2	2.25	93	Pn	22 49 44.9	-3.3
MAJO	Matsushiro	3.40	15	Pn	22 49 37.6	0.0
MAJO	Matsushiro	3.40	15	Pn	22 50 17.0	-0.3
MAT	Matsushiro	3.40	15	Pn	22 49 37.6	-0.1
MAT	Matsushiro	3.40	15	Pn	22 50 16.6	-0.7
MAT	Matsushiro	3.40	15	Pn	22 49 38.0	+0.3
MAT	Matsushiro	3.40	15	Pn	22 50 17.0	-0.3
JNU	Nakatsu	5.22	270	Pn	22 50 01.1	-2.3
JNU	Nakatsu	5.22	270	Pn	22 50 58.5	-4.8
CBIJ	Chichi jima	7.55	143	Pn	22 50 30.9	-5.3
ASAJ	Asahikawa	11.65	20	Pn	22 51 29.5	-3.0
ASAJ	Asahikawa	11.65	20	Pn	22 53 40.2	-2.2
ASAJ	Asahikawa	11.65	20	Pn	22 51 29.5	-3.0
ASAJ	Asahikawa	11.65	20	Pn	22 53 40.3	-
ASAJ	Asahikawa	11.65	20	Pn	22 53 40.3	-
ASAJ	Asahikawa	11.65	20	Pn	22 53 40.3	-
MDJ	Mudanjiang	12.75	335	P	22 51 50.3	+3.0
MDJ	Mudanjiang	12.75	335	P	22 51 50.3	+3.0
MDJ	Mudanjiang	12.75	335	P	22 51 50.3	+3.0
MDJ	Mudanjiang	12.75	335	P	22 51 50.3	+3.0
CN2	Changchun	13.91	323	Op	22 52 01.0	-1.5
CN2	Changchun	13.91	323	Op	22 52 01.0	-1.5
YSS	Yuzh-Sakhalins	14.34	161	Op	22 52 05.0	-3.1
YSS	Yuzh-Sakhalins	14.34	161	Op	22 52 05.0	-3.1
YSS	Yuzh-Sakhalins	14.34	161	Op	22 52 05.0	-3.1
NJ2	Nanjing	15.42	270	Op	22 52 24.1	+1.8
NJ2	Nanjing	15.42	270	Op	22 52 24.1	+1.8
KLR	Kul'dur	16.45	348	Op	22 52 35.3	+0.1
KLR	Kul'dur	16.45	348	Op	22 52 35.3	+0.1
KLR	Kul'dur	16.45	348	Op	22 52 35.3	+0.1
KLR	Kul'dur	16.45	348	Op	22 52 35.3	+0.1
BJI	Beijing	18.08	298	P	22 52 54.2	-1.6
BJI	Beijing	18.08	298	P	22 52 54.2	-1.6
BJI	Beijing	18.08	298	P	22 52 54.2	-1.6
BJI	Beijing	18.08	298	P	22 52 54.2	-1.6
BJT	Bailijiatuo	18.08	298	Op	22 52 54.6	-1.2
WHN	Wuhan	19.56	268	Op	22 53 14.0	+1.3
HIA	Hailar	20.50	326	Op	22 53 25.1	+1.2
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 38.1	+2.8
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 41.9	-
HHC	Hu-ho-hao-te	21.69	298	Op	22 54 01.5	+0.9
HHC	Hu-ho-hao-te	21.69	298	Op	22 57 26.7	-1.7
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 38.1	+2.8
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 41.9	-
HHC	Hu-ho-hao-te	21.69	298	Op	22 54 01.5	+0.9
HHC	Hu-ho-hao-te	21.69	298	Op	22 57 26.7	-1.7
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 38.1	+2.8
HHC	Hu-ho-hao-te	21.69	298	Op	22 53 41.9	-
HHC	Hu-ho-hao-te	21.69	298	Op	22 54 01.5	+0.9
HHC	Hu-ho-hao-te	21.69	298	Op	22 57 26.7	-1.7
XAN	Xi'an	23.45	280	P	22 53 53.5	+0.8
XAN	Xi'an	23.45	280	P	22 54 00.0	-
XAN	Xi'an	23.45	280	P	22 53 53.5	+0.8
XAN	Xi'an	23.45	280	P	22 54 00.0	-
ENH	Enshi	23.64	270	Op	22 53 55.5	+0.9
PET	Petropavlovsk	25.07	32	Op	22 54 09.4	+1.2
SOMN	Songrio Array	27.29	311	P	22 54 28.7	-0.1
SOMN	Songrio Array	27.29	311	P	22 54 28.7	-0.1
MA2	Magadan	27.84	15	Op	22 54 33.9	+0.2
MA2	Magadan	27.84	15	Op	22 54 33.9	+0.2
MA2	Magadan	27.84	15	Op	22 54 33.9	+0.2
MA2	Magadan	27.84	15	Op	22 54 33.9	+0.2
CD2	Chengdu	28.28	274	Op	22 54 36.8	-1.2
CD2	Chengdu	28.28	274	Op	22 54 36.8	-1.2
YAK	Yakutsk	29.18	353	Op	22 54 46.2	+0.6
YAK	Yakutsk	29.18	353	Op	22 54 46.2	+0.6
YAK	Yakutsk	29.18	353	Op	22 54 46.2	+0.6
YAK	Yakutsk	29.18	353	Op	22 54 46.2	+0.6
ZAK	Zakamensk	30.52	292	Op	22 54 54.6	+0.5
ZAK	Zakamensk	30.52	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	Gaotai	30.50	292	Op	22 55 56.7	-1.4
GTA	Gaotai	30.50	292	Op	22 59 56.0	+0.6
GTA	Gaotai	30.50	292	Op	22 54 54.6	+0.5
GTA	Gaotai	30.50	292	Op	22 54 57.1	-0.6
GTA	Gaotai	30.50	292	Op	22 55 03.1	-4.6
GTA	G					

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Hachiojima 2, Nakatsu, Songino Array, Zalesovo, etc.

NEIC 05:22:55:34.4, 74.3175:70.20W, h2km, ML2.8(GUC), After GUC

GUC 05:22:55:34.4, 0.9, 34.715x70.20W, h2km, 3km, MD3.5, ML2.8, 3C-4D, Chile-Antarctica border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CICH, SFDO, CHCH, LMELE, etc.

JMA 05:22:56:04.6, 0.1, 33.20N, 137.09E, h37km, 9km, M3.5

ISC 05:22:56:05.1, 1.1, 33.23N, 137.07E, 0.4, h34km, n15, 0.56/27, 8D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TK01, TK02, JWZ, etc.

BJI 05:23:03:49.4, 32.62N, 137.19E, h378km, mb4.0

JMA 05:23:03:50.4, 0.2, 32.45N, 137.50E, h419km, M4.0

NEIC 05:23:03:51.1, 0.7, 32.34N, 137.38E, h401km, 6km, mb4.0/7, Error ellipse: s-maj=12.3km s-min=8.2km az=166.0

IDC 05:23:03:51.1, 0.7, 32.31N, 137.41E, h403km, 7km, mb3.2/10, mb1.3/5/12, mb1mx3/2/5, Error ellipse: s-maj=14.1km s-min=13.2km az=88.0

ISC 05:23:03:50.8, 0.5, 32.47N, 137.42E, 0.6, h411km, 4km, n43, 0.9/50/52, mb3.8/18, 7C-2D, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TK02, JWZ, JHE, etc.

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

IDC 05:23:11:25.4, 1.7, 4.57S, 130.46E, mb4.1/2, mb1.4/6.5, mb1mx4.2/12, ML4.5/3, Error ellipse: s-maj=89.3km s-min=23.3km az=71.0, Banda Sea

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

JMA 05:23:14:01.8, 0.1, 33.12N, 136.97E, h34km, M3.5

ISC 05:23:14:02.6, 1.0, 33.16N, 136.96E, 0.04, h34km, n15, 0.67/30, 6D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TK01, TK02, JWZ, etc.

JMA 05:23:19:59.7, 0.1, 33.13N, 137.06E, h41km, M2.7, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TK02, JWZ, JHE, etc.

NIED 05:23:20:00, 33.30N, 136.90E, h8km, Mw4.4 Best double couple: Ms=16x10^15 NP1=317, 888, 1.105, NP2=54, 815, 1.8

BJI 05:23:20:43.5, 32.57N, 137.43E, h11km, mb4.9, mb4.1, Ms4.5, Ms4.0

NEIC 05:23:20:49.8, 4.2, 33.25N, 136.95E, h12km, 26km, mb4.5/9, Mw4.4(NIED), Error ellipse: s-maj=9.4km s-min=7.8km az=96.0

JMA 05:23:20:49.8, 0.1, 33.26N, 136.89E, h47km, 4km, M3.9

IDC 05:23:20:52.0, 0.5, 33.25N, 136.91E, h26km, 2km, mb3.9/17, mb4.1/19, mb1mx1/0/26, ML3.3/6/2, MS3.7/4, Ms1.3/7.4, ms1mx3/2/31, Error ellipse: s-maj=17.2km s-min=10.3km az=74.0

ISC 05:23:20:49.3, 0.8, 33.29N, 136.91E, 0.03, h19km, 5km, h25km, 9km, pP, n61, 0.99/73, mb4.2/30, MS3.9/2, 2C-3D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like TK01, TK02, JWZ, etc.

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

IDC 05:23:22:07.6, 1.8, 1.35N, 125.73E, mb3.9/3, mb1.4/0.4, mb1mx3.7/14, ML3.5/1, Error ellipse: s-maj=16.0km s-min=23.3km az=68.0

ISC 05:23:22:06.1, 1.6, 1.3N, 0.3, 125.5E, 0.6, h33km, n5, 0.6/35/5, mb3.8/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ENH, SONM, CD2, etc.

WB2 Warramunga Arr 22.77 158 eP P 23 27 11.3 -0.2
ASAR Alice Springs 26.08 162 P P 23 27 43.7 +0.5
MKAR Makanchi Array 58.92 327 P P 23 32 08.9 0.0

NEIC 05 23:22:56.5, 37.06N-20.72E, h5km, MD3.5(ATH), After ATH.
ATH 05 23:22:56.5, 37.06N-20.72E, h5km, MD3.5, Ionian Sea
Code Station Name Az AZ Phase ID Time Res

NIED 05 23:23:00, 33.00N-137.20E, h17km, Mw4.2 Best double couple: Mo 1.92x10^15 NP1 q323, l622, l73. NP2: qe 10, b33, l119

JMA 05 23:23:13.9, 30.1, 33.05N-137.17E, h30km, 3km, M3.7
ISC 05 23:23:14.6, 1.1, 33.07N-0.06, 137.15E, 0.04, h39km, n16, c046/31, Near south coast of eastern Honshu
Code Station Name Az AZ Phase ID Time Res

IDC 05 23:24:33.7, 9.8, 33.24N-137.09E, mb3.6/4, mb1 3/8/4, mb1mx3.5/21, Error ellipse: s-maj=391.0km s-min=25.1km az=64.0

NEIC 05 23:24:34.0, 4.0, 33.31N-137.27E, h10km, mb4.0/2, Error ellipse: s-maj=26.9km s-min=13.2km az=97.0

JMA 05 23:24:35.3, 0.1, 33.34N-137.01E, h35km, 3km, M3.5
ISC 05 23:24:35.2, 1.1, 33.37N-0.05, 137.00E, 0.05, h25km, 7km, n22, c089/31, mb3.6/6, Near south coast of eastern Honshu

Code Station Name Az AZ Phase ID Time Res
TK01 Tokai 1 0.63 51 Op P 23 24 47.8 +0.3
TK02 Tokai 2 0.85 48 S P 23 24 56.3 +0.4
TK03 Tokai 3 0.85 48 S P 23 25 02.6 +0.4

JMA 05 23:30:25.2, 0.1, 33.48N-136.76E, h43km, 3km, M2.2, Near south coast of western Honshu

Code Station Name Az AZ Phase ID Time Res
JKN Kiinagashima 0.87 332 Op P 23 30 41.1 0.0
JKN Kozaga 0.88 274 P P 23 30 41.0 -0.2
JWZ Ise 0.91 357 P P 23 30 41.9 +0.2

NIED 05 23:30:00, 33.10N-137.00E, h17km, Mw4.0 Best double couple: M1.07x10^15 NP1 q3110, l853, l112. NP2: qe 256, b43, l164

IDC 05 23:30:48.3, 0.9, 33.08N-137.07E, mb3.9/10, mb1 4.0/13, mb1mx4.0/23, ML3.6/3, MS2.9/1, Ms1 2.9/1, ms1mx2.4/27, Error ellipse: s-maj=27.7km s-min=21.2km az=28.0

NEIC 05 23:30:49.9, 4.1, 33.04N-137.05E, h8km, 24km, mb4.3/1, Error ellipse: s-maj=16.3km s-min=10.2km az=145.0

NEIC Recorded [1 JMA] in Mie Prefecture.
JMA 05 23:30:51.6, 1.1, 33.14N-0.04, 137.00E, 0.03, h31km, 8km, n35, c093/53, mb3.8/11, 11D, Near south coast of western Honshu

Code Station Name Az AZ Phase ID Time Res
TK01 Tokai 1 0.79 38 P P 23 31 06.5 -0.2
TK01 Tokai 1 0.79 38 P P 23 31 17.2 -0.1
TK02 Tokai 2 1.02 38 P P 23 31 10.0 0.0

TK02 Kozaga 1.14 290 S P 23 31 27.4 +0.1
JWZ Kiinagashima 1.26 331 P P 23 31 18.7 +0.4
JKN Ise 1.27 349 P P 23 31 23.0 +0.4
JIE Tokai 3 1.30 38 P P 23 31 13.9 -0.1

JWZ Tokai 4 1.44 30 P P 23 31 16.1 +0.2
JWZ Minabe 1.54 298 S P 23 31 34.0 +0.1
JWY Kouya 1.59 313 P P 23 31 19.0 +0.9

JWZ Tsu 2 1.63 343 P P 23 31 19.3 +0.5
JWZ Heguri 1.86 324 P P 23 31 25.7 +0.7
JHE Shizuoka 3 2.17 27 P P 23 31 26.0 -0.4

JWZ Izu Shimoda 2.22 44 P P 23 31 28.4 +1.3
JAI Aioi 2.22 288 S P 23 31 52.4 -1.5
JWZ Hachijo jima 2 2.34 90 Pn 23 31 27.9 -0.9

JWZ Matsuhiro 3.53 161 P P 23 31 46.4 +0.5
MAJO Matsuhiro 3.53 16 P P 23 32 26.9 -0.1
MAT Matsuhiro 3.53 16 P P 23 32 26.0 -1.1

JWZ Nakatsue 5.13 271 Pn 23 32 07.8 -0.7
JUNU Asahikawa 11.79 20 Pn 23 33 05.4 -2.1
SONM Sogingo Array 27.30 312 P 23 36 36.5 +1.2

MAJO Makanchi Array 43.25 305 P 23 38 52.4 +0.7
MKAR Makanchi Array 43.25 305 P 23 38 52.4 +0.7
BVAR Boroyove Array 50.59 314 P 23 39 49.2 -0.1

ASAR Alice Springs 56.87 183 P 23 39 58.9 -7.9
FINES FINESS Array B 70.53 332 P 23 42 05.0 -0.1
AKASG Main Array Be 75.10 321 P 23 42 31.4 -0.7

NOA NORARS Array B 76.31 336 P 23 42 38.9 +0.1
BRTR Keskin Array B 78.64 310 P 23 42 53.2 +1.1
KHC Kasperske Hory 83.87 327 eP 23 43 21.0 +1.7

GERES GERES Array B 84.02 326 P 23 43 21.0 +1.0
PV10 Paradox Valley 86.07 46 eP 23 43 32.6 +2.0
TXAR Lajitas Array 95.38 50 P 23 44 15.8 +1.4

JMA 05 23:57:23.9, 1.3, 33.18N-137.00E, 0.04, h37km, n13, c058/23, 7D, Near south coast of eastern Honshu

Code Station Name Az AZ Phase ID Time Res
TK01 Tokai 1 0.77 40 Op S 23 57 41.9 +0.8
TK02 Tokai 2 0.99 39 P S 23 57 45.2 -0.3
JWZ Kozaga 1.13 288 P P 23 57 54.6 +0.1

NIED 05 23:59:00, 33.40N-136.90E, h5km, Mw4.8 Best double couple: M1.82x10^16 NP1 q3349, l889, l128. NP2: qe 80, b38, l2

NEIC 05 23:59:38.0, 0.3, 33.49N-136.86E, h10km, mb4.4/7, Error ellipse: s-maj=8.2km s-min=6.3km az=105.0

JMA 05 23:59:37.6, 0.1, 33.45N-136.91E, h38km, 3km, M4.1, JMA Felt 1 J1

IDC 05 23:59:40.4, 0.5, 33.44N-136.76E, h26km, 3km, mb3.8/15, mb1 4.0/17, mb1mx3.9/27, ML4.4/12, MS4.0/16, Ms1 4.0/16, ms1mx3.8/31, Error ellipse: s-maj=21.1km s-min=12.1km az=86.0

ISC 05 23:59:36.8, 0.7, 33.47N-0.04, 136.90E, 0.03, h136km, 5km, h25km, 8km, pP, n55, c092/54, mb4.0/19, MS4.1/11, 1C, Near south coast of western Honshu

Code Station Name Az AZ Phase ID Time Res
TK01 Tokai 1 0.65 62 Op P 23 59 50.1 +0.8
TK02 Tokai 2 0.86 56 P P 23 59 53.9 +0.5
JWZ Kozaga 0.99 274 P P 23 59 55.7 +0.4

JWZ Kouya 1.32 305 P P 00 00 16.0 -0.8
JWZ Minabe 1.34 287 P P 00 00 17.4 -0.4
JHE Heguri 1.56 320 P P 00 00 23.0 -1.1

JWZ Wachi 2.19 326 P P 00 00 13.4 +0.1
JGM Miyama 2.23 356 P P 00 00 13.6 -0.3
JHJ Hachijo jima 2 2.44 97 Pn 00 00 16.5 -0.3

JWZ Matsuhiro 3.25 19 ePn 00 00 27.5 -0.9
MAT Matsuhiro 3.25 19 P P 00 01 06.9 -0.3
MAT Matsuhiro 3.25 19 eS Pn 00 01 28.0 -0.4

HIA Hailar 20.30 326 P P 00 04 63.3 -1.4
ENH Enshi 23.47 270 eP P 00 04 48.3 +1.7
SONM Sogingo Array 27.02 311 P P 00 05 19.5 -0.5

ZAL Zalesovo 41.73 316 P P 00 07 26.6 0.0
ZAL comp=2.488nm, 18.8s, MS4.4, baz=284, slow=38
MKAR Makanchi Array 42.99 305 LR P 00 26 38.5

KURK Kurchatov 45.33 310 eP P 00 07 54.5 -1.3
BVAR Boroyove Array 50.31 314 P P 00 08 34.4 -0.1
BVAR 1.5nm, 0.8s, baz=80, slow=9.0, SNR=5.0 pP 00 08 40.4 +1.6

ZRNK Zerenda 51.15 314 eP P 00 08 40.6 -0.3
RSO Redoubt South 51.17 316 eP P 00 08 48.1 +1.0
FITZ Fitzroy Crossi 52.39 194 eP P 00 08 51.0 +0.2

FITZ Fitzroy Crossi 52.39 194 P 00 08 50.3 -0.4
FITZ 3.7nm, 0.8s, mb4.3, baz=328, slow=6.4, SNR=6.6 pP 00 08 57.8 +2.2
WRA Warramunga Arr 53.16 183 P P 00 08 55.5 -1.0

WRA 3.0nm, 0.9s, mb4.2, baz=2.3, slow=7.8, SNR=24 pP 00 09 03.6 +2.4
CTA Charters Tower 53.99 169 P P 00 09 02.4 -0.2
CTA Charters Tower 53.99 169 P P 00 09 02.4 -0.2

ILAR Eielson Array 54.36 31 P P 00 09 05.1 -0.3
ILAR 0.8nm, 0.6s, mb3.7, baz=260, slow=6.5, SNR=12 LR 00 32 27.5
ILAR comp=2.97nm, 21.0s, MS3.9, baz=286, slow=36 LR 00 39 05.1 -0.3

ILAR Alice Springs 56.88 183 P P 00 09 22.9 -0.6
ASAR 3.5nm, 0.8s, baz=7.4, slow=5.4, SNR=14 LR 00 30 47.4
ASAR comp=2.46nm, 19.0s, MS3.9, baz=119, slow=33 LR 00 35 39.9

DLBC Dease Lake 63.69 36 P P 00 10 10.6 +1.2
STKA Stephens Creek 65.14 176 P P 00 10 18.9 -0.5
STKA 3.0nm, 0.9s, mb4.3, baz=348, slow=14, SNR=3.0 LR 00 35 39.9

ARCES ARCES Array B 66.01 339 P P 00 10 24.0 -0.3
ARCES ARCES Array B 66.01 339 P P 00 10 24.0 -0.3
YKA Yellowknife Ar 68.72 28 LR LR 00 43 00.7

FINES FINESS Array B 70.53 332 LR 00 47 04.2
AKASG Main Array Be 74.80 321 LR 00 46 31.7
NOA NORARS Array B 75.99 336 LR 00 50 24.3

BRTR Keskin Array B 78.38 310 P 00 11 38.4 +0.3
BRTR 6.2nm, 1.3s, mb4.4, baz=34, slow=4.5, SNR=5.5 sP 00 11 51.5 +6.8
BRTR 1.8nm, 1.0s, baz=79, slow=6.3, SNR=4.4 pP 00 12 00.3 +1.3

TPNV Topopah Spring 82.28 51 eP P 00 12 00.3 +1.3
PDAR Pinedale Array 82.80 43 P P 00 12 02.7 +1.2
PDAR 0.4nm, 0.9s, mb3.5, baz=304, slow=5.3, SNR=3.6 pP 00 12 11.2 +4.8

GERES GERES Array B 83.70 326 P P 00 12 06.4 +0.4
PV10 Paradox Valley 85.97 46 P P 00 12 19.7 +2.4
SCHG Schefferville 89.72 13 LR 00 55 57.8

TXAR Lajitas Array 95.23 50 P P 00 13 03.6 +2.4
TXAR 0.1nm, 0.6s, mb3.4, baz=317, slow=4.2, SNR=2.6 pP 01 03 11.2 +5.0
ESDC Sonseca Array 98.71 330 LR LR 01 13 27.7

NIED 06 00:01:00, 33.10N-137.00E, h14km, Mw4.2 Best double couple: M2.2x10^15 NP1 q376, l855, l105. NP2: qe 231, b37, l69

NEIC 06 00:01:42.2, 0.3, 33.07N-136.89E, h10km, mb4.3/10, Error ellipse: s-maj=8.3km s-min=7.9km az=199.0

BUI 06 00:01:43.3, 33.06N-137.07E, h24km, mb4.8, mb4.3
JMA 06 00:01:43.5, 0.1, 33.12N-136.99E, h41km, 4km, M4.5

IDC 06 00:01:46.4, 0.5, 33.09N-137.16E, h40km, 4km, mb3.9/17, mb1 4.1/19, mb1mx4.1/26, ML3.9/2, MS3.9/1, Ms1 3.9/1, ms1mx3.1/27, Error ellipse: s-maj=13.6km s-min=8.1km az=8.0

ISC 06 00:01:42.5, 0.3, 33.14N-0.04, 136.97E, 0.03, h20km, 5km, h39km, 1.2km, pP, n64, c096/77, mb4.2/28, MS4.0/1, 2C-9D, Near south coast of western Honshu

Code Station Name Az AZ Phase ID Time Res
TK01 Tokai 1 0.81 40 Op S 00 02 09.3 +1.1
TK02 Tokai 2 1.04 39 P P 00 02 19.1 +0.3
JWZ Kozaga 1.12 291 P P 00 02 03.3 +0.2

JWZ Kiinagashima 1.25 332 P P 00 02 17.0 -0.2
JKN Ise 1.27 350 P P 00 02 05.9 +0.6
JHE Tokai 3 1.31 39 P P 00 02 21.2 -0.2

TK03 Tokai 3 1.31 39 P P 00 02 22.2 -0.6
TK04 Tokai 4 1.45 31 P P 00 02 08.1 +0.1
JWZ Minabe 1.52 298 P P 00 02 25.8 -0.7

JWZ Kouya 1.57 313 P P 00 02 09.1 +0.6
JWY Tsu 2 1.63 344 P P 00 02 21.1 +0.6
TSUJ Heguri 1.85 325 P P 00 02 30.4 -0.7

JHE Shizuoka 3 2.18 28 Pn 00 02 18.9 -0.4
JAI Aioi 2.20 288 P P 00 02 44.0 -1.7
JWZ Izu Shimoda 2.23 45 P P 00 02 19.3 +0.1

Table with columns: WHZ, WKZ, WKC, JCU, TUZ, KUZ, LBZ, ODZ, ODZ, WVZ, WYZ, DSZ, THZ. Includes station names like Wanaka, Jackson Bay, Tuapeka, Lake Benmore, Otahua Downs, Waitaha Valley, Lake Taylor, Denniston Nort, Tophouse.

IDC 06 04:01:13.4.2.1, 9.66S:117.29E, mb3.5/3, mb1 3.7/5, m1mx3.6/15, ML3.7/2, Error ellipse: s-maj=131.0km

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

JMA 06 04:48:37.5.0.1, 33.02N:136.95E, h34km, M3.6, ISC 06 04:48:38.5.1.2, 33.06N:0.07:136.94E:0.05, h34km, n15, o45/25, 7D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK02, JWZ, JKW, JKN, JIE, TK03, TK04, JWM, JAA, JAW, JUY, JUY, TSUJ, JHE, JHE, JAI, JAT, MAT.

NIED 06 04:49:00.33.50N:136.80E, h5km, Mw4.3 Best double couple: M2.78x1015 NP130338, 886, 116E: NP2:9676, 826, 18E

IDC 06 04:49:03.8.1.4, 33.70N:137.27E, mb3.6/4, mb1 3.7/5, m1mx3.6/22, ML3.6/1, Error ellipse: s-maj=45.8km, s-min=22.7km az=46.0

JMA 06 04:49:07.4.0.1, 33.45N:136.77E, h38km, M3.7, ISC 06 04:49:06.8.0.8, 33.47N:0.04:136.81E:0.03, h26km, 5km, n17, o45/29, mb3.5/4, 1C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, JKN, JKW, JWZ, JIE, TK02, TK03, JAA, JAW, JUY, JUY, TSUJ, JHE, JHE, JAI, JAT, JHJ, JHJ.

DJA 06 04:54:42.6.1.0, 8.52S:116.16E, h27km, 5km, MD5.0/4, ML3.9/2, 2C-5D, Error ellipse: s-maj=23.0km, s-min=19.7km az=155.0, Sumbawa region

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

NIED 06 04:56:00.33.10N:137.10E, h5km, Mw4.1 Best double couple: M1.53x1015 NP130272, 882, 150E: NP2:9514, 834, 16E

NIED 06 04:56:12.6.0.7, 33.19N:137.14E, h10km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=9.8km az=95.0

IDC 06 04:56:12.3.0.1, 33.13N:137.07E, h2km, 4km, M3.7, mb1 3.5/7, mb1mx3.4/24, ML3.2/1, Error ellipse: s-maj=26.8km s-min=15.0km az=56.0

IDC 06 04:56:13.0.1.1, 33.18N:0.04:137.06E:0.03, h3km, 8km, n25, km, 1.4km, pP, n27, o47/33, mb3.6/7, 2C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK02, JWZ, JKW, JKN, TK03, JIE, JKN, TK04, JAA, JAW, JUY, JUY, TSUJ, JHE, JHE.

Table with columns: KNZ, BKZ, BKZ, TOZ, TOZ, KUZ, KUZ, KATZ, KATZ, KATZ, MGZ, MGZ, MGZ, VVZ, MKAZ, MKAZ, NGZ, NGZ, NGZ, TUZ, TUZ, TUZ, TUZ, CNZ, CNZ, CNZ, CNZ, CNZ, FVZ, FVZ, FVZ, DRZ, DRZ, DRZ, OTAZ, OTAZ, OTAZ, PWZ, PWZ, PWZ, MTAZ, MTAZ, MTAZ, KAAZ, KAAZ, KAAZ, WAZ, WAZ, WAZ, BFZ, BFZ, BFZ, WAZ, WAZ, WAZ, MRZ, MRZ, MRZ, KIW, KIW, KIW, MTW, MTW, MTW, SNZ, SNZ, SNZ, SNZO, SNZO, SNZO, GSPA, GSPA, GSPA, NNJ, NNJ, NNJ, WMO, WMO, WMO.

JMA 06 04:54:20.4.0.1, 33.27N:137.07E, h40km, 2km, M3.8, ISC 06 04:54:21.1.1.0, 33.31N:0.06:137.06E:0.03, h37km, 26km, n20, o45/33, 7D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK01, TK02, TK02, TK02, JIE, JIE, TK03, TK03, JKN, JKN, JKN, JKW, JKW, JKW, TK04, TK04, JAA, JAA, JAA, TSUJ, TSUJ, TSUJ, JUY, JUY, JUY, JWM, JWM, JWM, HMMJ, HMMJ, HMMJ, JSG, JSG, JSG, JHE, JHE, JHE, JAO, JAO, JAO, SHZ3, SHZ3, SHZ3, JIZS, JIZS, JIZS, JA2, JA2, JA2, MAT, MAT, MAT.

DJA 06 04:54:42.6.1.0, 8.52S:116.16E, h27km, 5km, MD5.0/4, ML3.9/2, 2C-5D, Error ellipse: s-maj=23.0km, s-min=19.7km az=155.0, Sumbawa region

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

NIED 06 04:56:00.33.10N:137.10E, h5km, Mw4.1 Best double couple: M1.53x1015 NP130272, 882, 150E: NP2:9514, 834, 16E

NIED 06 04:56:12.6.0.7, 33.19N:137.14E, h10km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=9.8km az=95.0

IDC 06 04:56:12.3.0.1, 33.13N:137.07E, h2km, 4km, M3.7, mb1 3.5/7, mb1mx3.4/24, ML3.2/1, Error ellipse: s-maj=26.8km s-min=15.0km az=56.0

IDC 06 04:56:13.0.1.1, 33.18N:0.04:137.06E:0.03, h3km, 8km, n25, km, 1.4km, pP, n27, o47/33, mb3.6/7, 2C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK02, JWZ, JKW, JKN, TK03, JIE, JKN, TK04, JAA, JAW, JUY, JUY, TSUJ, JHE, JHE.

Table with columns: SHZ3, SHZ3, JIZS, JIZS, JA2, JA2, JAI, JAI, JHJ, JHJ, JHJ, MAJO, MAJO, MAJO, MAJO, MAT, MAT, MAT, SONM, SONM, MKAR, MKAR, KURK, KURK, BVAR, BVAR, FITZ, FITZ, WRA, WRA, ASAR, ASAR, ASAR.

JMA 06 04:58:37.2.0.2, 33.48N:136.74E, h39km, 3km, M2.5, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKN, JKW, JKN, JIE, JIE, JIA, JIA, JUY, JUY, JWM, JWM, TSUJ, TSUJ, JHE, JHE.

NIED 06 04:59:00.33.50N:136.80E, h5km, Mw4.7 Best double couple: M1.11x1016 NP130342, 887, 124E: NP2:9676, 834, 15E

IDC 06 04:59:26.0.0.8, 33.47N:136.84E, mb3.6/8, mb1 3.8/9, m1mx3.8/22, ML3.2/1, MS3.9/10, Ms1 3.9/10, ms1mx3.7/19, Error ellipse: s-maj=26.2km s-min=19.2km az=57.0

NEIC 06 04:59:27.6.0.7, 33.50N:136.69E, h10km, mb4.2/2, Error ellipse: s-maj=17.4km s-min=12.2km az=120.0

BJJ 06 04:59:28.6.33.50N:136.70E, h10km, mb4.5, mb4.2, Ms4.8, Ms24.3

JMA 06 04:59:28.2.0.1, 33.46N:136.79E, h41km, 2km, M3.8, ISC 06 04:59:27.5.0.8, 33.46N:0.04:136.80E:0.03, h2km, 5km, n37, o45/69, 43, mb3.8/12, MS4.1/8, 3C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, JKN, JKN, JKW, JKW, JKW, TK02, TK02, JIE, JIE, TK03, TK03, JAA, JAA, JAA, JUY, JUY, JUY, JWM, JWM, JWM, TK04, TK04, TSUJ, TSUJ, JHE, JHE, JHE, JA2, JA2, JA2, SHZ3, SHZ3, SHZ3, JAI, JAI, JAI, JHJ, JHJ, JHJ, JHJ.

DJA 06 04:54:42.6.1.0, 8.52S:116.16E, h27km, 5km, MD5.0/4, ML3.9/2, 2C-5D, Error ellipse: s-maj=23.0km, s-min=19.7km az=155.0, Sumbawa region

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

NIED 06 04:56:00.33.10N:137.10E, h5km, Mw4.1 Best double couple: M1.53x1015 NP130272, 882, 150E: NP2:9514, 834, 16E

NIED 06 04:56:12.6.0.7, 33.19N:137.14E, h10km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=9.8km az=95.0

IDC 06 04:56:12.3.0.1, 33.13N:137.07E, h2km, 4km, M3.7, mb1 3.5/7, mb1mx3.4/24, ML3.2/1, Error ellipse: s-maj=26.8km s-min=15.0km az=56.0

IDC 06 04:56:13.0.1.1, 33.18N:0.04:137.06E:0.03, h3km, 8km, n25, km, 1.4km, pP, n27, o47/33, mb3.6/7, 2C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK02, JWZ, JKW, JKN, TK03, JIE, JKN, TK04, JAA, JAW, JUY, JUY, TSUJ, JHE, JHE.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, HIA Hallar, GKN Gorkha, etc.

NIED 06 06:35:00.33.10N:137.10E, h5km, Mw4.5 Best double couple: M6.9:1015 NP1.0:349', 889', 1.19". NP2.0:80', 829', 1.2".

JMA 06 06:35:44.20.1.33.11N:137.07E, h38km, 3km, Mw4.2

NEIC 06 06:35:45.5.0.5, 33.16N:136.75E, h10km, mb4.6/7, Mw4.5(NIED), Error ellipse: s-maj=12.8km s-min=9.8km

ISC 06 06:35:46.8.0.8, 33.09N:137.15E, h27km, 4km, mb4.9/12, mb1.4, 1/14, mb1mx4.0/19, ML3.4/2, MS3.4/2, Ms1.3/4.2, ms1mx3.1/21, Error ellipse: s-maj=30.1km s-min=18.5km

ISC 06 06:35:45.7.0.5, 33.22N:104.437.03E, 0.04, h27km, h27km, 1.4km, pP, n49, +107.60, mb4.2/21, MS4.1/2, 9C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, JWZ Kozaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like XAN XAN, ENSHI Enshi, SONH Songing Array, etc.

IDC 06 06:46:46.9.0.9, 33.55N:136.87E, mb4.1/10, mb1.4/3/12, mb1mx4.2/20, ML3.4/2, Error ellipse: s-maj=26.1km s-min=20.0km az=19.0

BUI 06 06:46:47.1.33.20N:137.13E, h37km, mb4.9, mb4.7, Ms4.5, Ms2.4

NEIC 06 06:46:48.4.0.5, 33.53N:136.68E, h10km, mb4.4/10, Error ellipse: s-maj=13.2km s-min=8.8km az=155.0

NEIC Recorded (1 JMA) in Mie and Nara Prefectures. JMA 06 06:46:48.0.0.1, 33.44N:136.80E, h39km, 4km, Mw4.6 JMA Felt 1/1

MOS 06 06:46:49.8.1.5, 33.59N:136.98E, h33km, mb4.4/6, Error ellipse: s-maj=32.3km s-min=14.4km az=98.2

NIED 06 06:47:00.33.40N:136.80E, h8km, Mw4.6 Best double couple: M6.7:845', 1.3". NP2.0:80', 829', 1.2".

ISC 06 06:46:46.6.1.4, 33.45N:0.03, 136.81E, 0.03, h11km, 0km, n76, +089.8/5, mb4.3/26, MS4.5/2, 7C-4D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK01 Tokai 1, JWZ Kozaga, JKN Kinagashima, etc.

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

JMA 06 06:49:27.4.0.1, 33.03N:136.87E, h39km, 4km, Mw4.0

ISC 06 06:49:28.2.1.2, 33.08N:107.136.8E, 0.04, h38km, n13, +045/25, 3C-5D, Near south coast of western Honshu

ISC 06 06:53:30.3.1.1, 33.16N:106.137.14E, 0.04, h40km, 32km, n17, +052/31, 5D, Near south coast of eastern Honshu

JMA 06 06:53:29.7.0.1, 33.13N:137.16E, h37km, 3km, Mw3.9

ISC 06 06:53:30.3.1.1, 33.16N:106.137.14E, 0.04, h40km, 32km, n17, +052/31, 5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, JWZ Kozaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Minabe, Tsu 2, Kouya, Heguri, Shizuoka 3, Izushimoda, Tsuna, Aoi, Matsushiro.

NIED 06 06:54:00.33.50N,136.80E,h5km,Mw4.5 Best double couple: M1.24x1016 NP1.333,886,lambda.145. NP2.366,855,lambda.5.

BUJ 06 06:54:30.1,33.22N,137.09E,h10km,mb4.8,mb4.6,Ms4.6,Ms24.3

IDC 06 06:54:33.0,0.8,33.54N,136.83E,mb4.2/13,mb1.4/3/15,mb1mx3.8/26,Error ellipse: s-maj=27.1km s-min=18.1km az=28.0

NEIC 06 06:54:34.9,0.3,33.54N,136.64E,h10km,mb4.5/8,MW4.7(ried),Error ellipse: s-maj=8.3km s-min=7.3km az=113.0

NEIC Recovered [1 JMA] in Mie, Nara and Wakayama Prefectures.

JMA 06 06:54:36.0,0.1,33.50N,136.74E,h44km,2km,M4.6 JMA Felt J1.

ISC 06 06:54:36.4,0.9,33.54N,136.78E,0.03,h32km,6km,n69,c094/72,mb4.5/30,MS4.2/9,6C-2D,Near south coast of western Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations across Japan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Kanto region and surrounding areas.

MOS 06 06:54:47.5,1.1,56.07N,164.28E,h15km,mb4.6/1,Error ellipse: s-maj=23.4km s-min=13.0km az=53.1

KRSC 06 06:54:47.2,0.7,56.21N,164.34E,h20km,2km,ML4.1 ISC 06 06:54:47.2,0.7,56.13N,164.37E,0.06,h17km,7km,n40,c150/75,Komandorsky Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Kamchatka region.

NIED 06 07:10:00.33.50N,136.80E,h5km,Mw4.5 Best double couple: M1.37x1015 NP1.333,887,lambda.132. NP2.363,842,lambda.4.

JMA 06 07:10:00.04,0.1,33.50N,136.72E,h41km,3km,M4.1 JMA Felt J1.

ISC 06 07:10:08.21,4,33.51N,136.76E,0.04,h37km,46km,n12,c054/18,1C,Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations in the Kanto region.

IDC 06 07:29:25.1,4,4,32.38S,179.32W,h105km,37km,mb4.4/10,mb1.4/6/12,mb1mx4.6/14,MS3.7/6,Ms1.3/7/6,mb1mx3.6/12,Error ellipse: s-maj=27.6km s-min=23.0km az=7.0

NEIC 06 07:29:29.6,1.6,32.67S,179.23W,h140km,14km,mb4.7/9,Error ellipse: s-maj=19.4km s-min=13.6km az=176.0

ISC 06 07:29:28.6,0.9,33.16S,107.178E,0.01,h170km,8km,n151,c159/154,mb4.7/15,4C-2D,South of Kermadec

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations in the South Pacific region.

TIXI	comp=Z,11nm,1.5s,mb4.4	pmax	pmax		
TIXI		MLR	MLR		
LSA	comp=Z,100nm,13.0s,MS3.8				
WMQ	lhasa 38.96 278	eP	P	09 19 25.0 +0.7	
WMQ	Urumqi 39.48 300	eP	P	09 19 30.0 +1.6	
WMQ		PP	PP	09 21 05.0 +2.1	
WMQ	comp=Z,26nm,1.2s,mb4.8				
WMQ		LR	LR		
SHL	comp=Z,139nm,21.8s,MS3.8				
NVS	Shilling 39.71 271	eP	P	09 19 32.5 +2.0	
NVS	Novosibirsk 43.04 317	iP	P	09 19 56.7 -0.8	
NVS				09 21 45.4	
NVS	comp=Z,22nm,1.1s,mb4.8	pmax	pmax		
NVS					
NVS	comp=N,7.0nm,0.9s				
NVS					
MKAR	comp=E,21nm,1.2s				
MKAR	Makanchi Array 43.21 305	P	P	09 19 59.6 +0.6	
MKAR					
MKAR	comp=E,10nm,0.7s,mb4.7,baz=92,slow=9.8,SNR=69				
MKAR		pP	pP	09 20 08.6 +0.9	
MKAR	comp=E,19nm,0.7s,baz=92,slow=10,SNR=27	PcP	PcP	09 21 48.4 -0.2	
MKAR	comp=E,4.8nm,1.0s,baz=108,slow=4.6,SNR=2.5	LR	LR	09 39 06.0	
MKAR	comp=E,238nm,18.8s,MS4.1,baz=195,slow=36				
MKAR	Makanchi Array 43.21 305	iP	P	09 19 59.6 +0.6	
MKAR				09 20 08.6 +0.9	
MKAR				09 21 48.4	
MKAR	comp=Z,11nm,0.7s	pmax	pmax		
MKAR					
MKAR	comp=N,19nm,0.7s	pmax	pmax		
MKAR					
MKAR	comp=Z,5.0nm,1.0s				
MKAR		MLR	MLR		
MKAR	comp=Z,238nm,18.8s				
MKAR	Makanchi Array 43.21 305	P	P	09 19 59.6 +0.6	
MKAR		pP	pP	09 20 08.6 +0.9	
MKAR		PcP	PcP	09 21 48.4 -0.2	
MKAR		LR	LR	09 39 06.0	
MKAR				09 20 05.2 +0.3	
GUN	Gumba 43.91 277	eP	P	09 20 05.2 +0.3	
PKI	comp=Z,120nm,1.0s,mb5.6				
PKI	Pulchoki 44.42 277	eP	P	09 20 08.8 -0.2	
PKI					
PKI	comp=Z,59nm,1.1s,mb5.2				
KKN	Kakani 44.45 277	eP	P	09 20 09.1 -0.2	
KKN					
KKN	comp=Z,60nm,0.8s,mb5.4				
DMN	Daman 44.66 277	eP	P	09 20 10.7 -0.3	
GKN	Gorkha 44.91 278	eP	P	09 20 12.8 -0.2	
GKN					
GKN	comp=Z,64nm,0.9s,mb5.0				
KURK	Kurchatov 45.58 311	P	P	09 20 17.5 -0.4	
KURK					
KURK	comp=Z,316nm,0.7s,SNR=32				
KURK	Kurchatov 45.58 311	iP	P	09 20 18.0 +0.1	
KURK					
KURK	comp=Z,23nm,0.9s,mb5.1				
KURK	Kurchatov 45.58 311	eP	P	09 20 17.7 -0.2	
KURK					
KURK	comp=Z,24nm,0.8s,mb5.2				
KURK					
KURK	Kakadu 45.71 186	iP	P	09 20 26.7 +0.1	
KURK				09 20 16.3 -3.2	
KURK	comp=Z,11nm,0.6s,mb5.0				
KOLN	Koldanda 45.85 278	eP	P	09 20 20.4 -0.1	
KOLN					
KOLN	comp=Z,64nm,0.9s,mb5.5				
KSH	Kashi 48.71 296	eP	P	09 20 46.0 +3.3	
KSH		eAP	pP	09 20 50.7 +0.8	
KSH		ePCP	pP	09 22 09.4 +1.5	
KSH		ePP	pP	09 22 40.1 +4.5	
KSH		ePCS		09 26 05.1	
KSH		eS	S	09 27 49.8 +7.6	
KSH		eSS	SS	09 31 15.9 +8.0	
KSH		LR	LR		
KSH	comp=N,250nm,6.4s				
AAK	comp=E,170nm,4.5s				
AAK	Ala-Archa 49.18 300	eP	P	09 20 45.0 -1.3	
AAK					
AAK	comp=E,4.1nm,0.8s,mb4.5				
VOSK	Vostochnya 50.24 314	P	pP	09 20 54.3 -0.8	
VOSK				09 20 53.7 -0.6	
VOSK		pmax	pmax		
BVAO	comp=Z,28nm,0.9s,mb5.3				
BVAO	Borovoye Array 50.58 314	iP	P	09 20 56.5 -0.3	
BVAO					
BVAO	comp=Z,1.0nm,0.8s				
BRVK	Borovoye 50.64 314	eP	P	09 20 56.4 -0.8	
BRVK					
BRVK	comp=Z,8.9nm,0.7s,mb4.8				
BRVK				09 21 06.0 -0.1	
TTA	Tatalina 50.77 33	eP	P	09 21 14.3 +1.6	
SVW	Sparrevohn 50.89 35	eP	P	09 21 08.1 +9.0	
SVW					
SVW	comp=Z,6.6nm,0.3s,mb5.0				
ZRNK	Zerenda 51.42 314	P	pmax	09 21 03.0 -0.2	
ZRNK					
ZRNK	comp=Z,50nm,1.2s,mb5.3				
ZRNK	Zerenda 51.42 314	eP	P	09 21 02.8 -0.4	
ZRNK					
ZRNK	comp=Z,16nm,0.9s,mb4.9				
ZRNK				09 21 11.4 -0.6	
KKAR	Karatay Array 51.96 302	iP	P	09 21 07.2 -0.3	
KKAR					
KKAR	comp=Z,9.0nm,0.6s,mb4.9				
FITZ	Fitzroy Crossi 52.00 194	eP	P	09 21 06.1 -2.0	
FITZ					
FITZ	comp=Z,4.6nm,0.6s,mb4.6				
FITZ				09 21 15.6 -1.4	
FITZ				09 21 06.6 -1.5	
RSO	Redoubt South 52.30 36	eP	P	09 21 09.6 -0.2	
SPU	Mount Spurr 52.62 35	eP	P	09 21 11.8 -0.3	
SPU				09 21 23.3 -0.6	
WRAB	Tennant Creek 52.76 183	eP	P	09 21 10.6 -3.1	
WRAB					
WRAB	comp=Z,16nm,0.8s,mb5.0				
WRAB				09 21 20.4 -2.2	
WRAB	Warramunga Arr 52.77 183	iP	P	09 21 11.1 -2.7	
WRAB				09 21 11.3 -2.5	
WRA	Warramunga Arr 52.77 183	P	P	09 39 38.4	
WRA					
WRA	comp=Z,10nm,0.8s,mb4.8,baz=1.3,slow=7.8,SNR=74				
WRA		LR	LR		
CTA	comp=Z,89nm,21.4s,MS3.8,baz=335,slow=32				
CTA	Charters Tower 53.61 169	P	P	09 21 16.7 -3.3	
CTA					
CTA	comp=Z,7.1nm,0.8s,mb4.7				
CTA	Charters Tower 53.61 169	P	P	09 21 17.6 -2.4	
CTA					
CTA	comp=Z,9.0nm,0.8s				
CTA	Charters Tower 53.61 169	P	P	09 21 17.6 -2.4	
CTA					
MCK	McKinley 53.97 32	eP	P	09 21 21.3 -0.7	
PMR	comp=Z,2.1nm,0.8s,mb4.1				
PMR	Palmer 54.00 35	eP	P	09 21 21.4 -0.9	
PMR					
SML	Sawmill 54.37 34	eP	P	09 21 24.6 -0.4	
HOL	Hyderabad 54.38 268	iP	P	09 21 24.5 -1.2	
CYB	College 54.39 31	eP	P	09 21 26.0 +0.9	
COLA	College 54.39 31	eP	P	09 21 25.8 +0.7	
COLA					
ILAR	comp=Z,1nm,0.9s,mb4.4				
ILAR	Eielson Array 54.81 31	P	P	09 21 26.9 -1.3	
ILAR					
ILAR	comp=Z,3.6nm,0.8s,mb4.5,baz=277,slow=5.9,SNR=62				
ILAR		LR	LR	09 45 22.5	
ILAR	comp=Z,56nm,20.7s,MS3.6,baz=199,slow=36				
ILAR	Eielson Array 54.81 31	P	P	09 21 26.9 -1.3	
ILAR					
ILAR	comp=Z,4.0nm,0.8s				
ILAR		MLR	MLR		
ILAR	comp=Z,57nm,20.7s				
DIV	Divide 55.66 35	eP	P	09 21 34.4 0.0	
DIV					
DIV	comp=Z,25nm,0.6s,mb5.4				
EYAK	Cordova Ski Ar 55.74 36	eP	P	09 21 34.7 -0.3	
EYAK				09 21 43.3 -0.6	
ASAR	Alice Springs 56.49 183	iP	P	09 21 39.1 -1.8	
ASAR					
ASAR	comp=Z,4.6nm,0.7s,mb4.6,baz=10.0,slow=12,SNR=24				
ASAR		LR	LR	09 42 32.9	
ASAR	comp=Z,74nm,19.3s,MS3.8,baz=142,slow=32				
ASAR	Alice Springs 56.49 183	iP	P	09 21 37.9 -3.0	
ASAR				09 21 42.8 -0.7	
ASAR				09 22 38.6	
ASAR				09 23 49.1	
ASAR				09 29 34.8 +1.3	
ASAR		eSS	SS	09 33 25.1 +2.0	
ASAR					
AB31	comp=Z,17nm,1.0s,mb5.0				
AB31	Abkulak array 57.69 311	iP	P	09 21 48.0 -1.0	
AB31					
AB31	comp=Z,5.0nm,0.6s,mb4.7				
DAWY	Dawson 58.12 31	eP	P	09 21 50.4 -1.4	
DLBC	Dease Lake 64.02 36	eP	P	09 22 32.5 +0.8	
FORT	Forrest 64.05 188	eP	P	09 22 30.7 -1.8	
FORT					
FORT	comp=Z,76nm,0.7s,mb5.8				
FORT				09 22 40.2 -1.3	
ARMA	Armidade 64.67 166	eP	P	09 22 34.8 -1.7	

STKA	Stephens Creek 64.75 176	eP	P	09 22 34.6 -2.4	
STKA					
STKA	Stephens Creek 64.75 176	P	P	09 22 34.9 -2.1	
STKA					
KEV	comp=Z,9.3nm,0.7s,mb4.9,baz=333,slow=8.2,SNR=18				
KEV	Kevo 65.81 339	eP	P	09 22 48.8 +5.6	
KEV					
KEV	comp=Z,0.7nm,0.5s,mb4.0				
KEV	Kevo 65.81 339	eP	P	09 22 48.8 +5.6	
KEV					
ARCES	comp=Z,1.0nm,0.5s,mb4.1				
ARCES	ARCES Array B 66.38 339	P	P	09 22 47.1 +0.3	
ARCES					
ARCES	comp=Z,4.2nm,0.6s,mb4.7,baz=63,slow=8.9,SNR=16				
ARCES		pP	pP	09 22 55.6 -0.2	
ARCES	comp=Z,3.2nm,0.5s,baz=51,slow=7.8,SNR=2.2	LR	LR	09 55 50.3	
ARCES					
ARCES	comp=Z,167nm,18.6s,MS4.3,baz=180,slow=40				
ARCES	ARCES Array B 66.38 339	P	P	09 22 47.1 +0.3	
ARCES				09 22 55.6 -0.2	
ARCES					
ARCES	comp=Z,4.0nm,0.6s				
ARCES		pmax	pmax		
ARCES	comp=N,3.0nm,0.5s				
ARCES		MLR	MLR		
ARCES	comp=Z,167nm,18.6s				
ARCES					
OBN	Obninsk 69.02 323	eP	pmax	09 23 04.1 +0.5	
OBN					
OBN	comp=Z,9.0nm,0.6s,mb4.9				
YBN	comp=Z,300nm,16.0s,MS4.6				
YBN	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YBN					
YBN	comp=Z,4.1nm,1.3s,mb5.2,baz=295,slow=6.2,SNR=8.6				
YKA	comp=Z,33nm,19.2s,MS3.6,baz=305,slow=37				
YKA	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YKA				09 54 14.4	
YKA					
YKA	comp=Z,4.1nm,1.3s				
YKA		MLR	MLR		
YKA					
YKA	comp=Z,33nm,19.2s				
YKA	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YKA				09 54 14.4	
YKA					
YKA	comp=Z,4.1nm,1.3s				
YKA		MLR	MLR		
YKA					
YKA	comp=Z,33nm,19.2s				
YKA	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YKA				09 54 14.4	
YKA					
YKA	comp=Z,4.1nm,1.3s				
YKA		MLR	MLR		
YKA					
YKA	comp=Z,33nm,19.2s				
YKA	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YKA				09 54 14.4	
YKA					
YKA	comp=Z,4.1nm,1.3s				
YKA		MLR	MLR		
YKA					
YKA	comp=Z,33nm,19.2s				
YKA	Yellowknife Arr 69.07 28	P	P	09 23 03.5 -0.3	
YKA				09 54 14.4	
YKA					
YKA	comp=Z,4.1nm,1.3s				
YKA		MLR	MLR		

Table with columns: Station Name, Time, Res, Phase, ID, h, m, s, ISC. Includes stations like Alice Springs, Narrogin (SRO), Charters Tower, etc.

Table with columns: Station Name, Time, Res, Phase, ID, h, m, s, ISC. Includes stations like Teton Pass, Moose Ponds, Red Top Meadow, etc.

Table with columns: Station Name, Time, Res, Phase, ID, h, m, s, ISC. Includes stations like Bajiatauau, Hu-ho-hao-te, Narrogin (SRO), etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like TSUJ Minabe, MAJO Matsuhiro, ASAJ Ashikawa, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like ASAR Alice Springs, ASAR comp=Z,2.4nm,0.6s, etc.

IDC 06 10:44:36.3 0.6, 26.92S, 26.59E, mb4.6/18, mb1 4.7/19, mb1mx4.6/22, ML2.9/1, MS3.8/3, Ms1 3.8/3, ms1mx3.4/19, Error ellipse: s-maj=22.2km s-min=16.6km az=103.0, BUJ 06 10:44:37.2, 26.45S, 26.25E, h8km, mb4.9, mb5.0, MS4.9, MS4.3, MS24.3, PRE 06 10:44:37.1, 26.97S, 26.72E, h2km, ML4.9, NEIC 06 10:44:38.0, 26.78S, 26.51E, h10km, mb4.9/25, Error ellipse: s-maj=11.7km s-min=6.1km az=100.0, NEIC Fellt at Johannesburg, SYO 06 10:44:38.3, 26.77S, 26.50E, h10km, MB4.8, ISC 06 10:44:36.9, 1.0, 26.89S, 0.03, 26.63E, 0.04, h18km, 7km, h19km, 2.2km, pP-P, n161, s190/111, mb4.8/46, MS4.0/3, 3C-6D, South Africa

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KSR Koster, SEK Senekal, SLR Silverton, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like SNA3 Sanae, SNA3 Sanae, SNA3 Sanae, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Fire Island, Mount Spurr, Elk, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Buena Vista, Volcan Izuta, Urusca, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like East Falkland, Neumayer-Stat, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Tokai 1, Tokai 2, Kozaga, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Wupatki, Paradox Valley, San Rafael, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like East Falkland, Neumayer-Stat, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Tokai 1, Tokai 2, Kozaga, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Wupatki, Paradox Valley, San Rafael, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like East Falkland, Neumayer-Stat, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Tokai 1, Tokai 2, Kozaga, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Wupatki, Paradox Valley, San Rafael, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like East Falkland, Neumayer-Stat, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes entries like BHB Bricherasio, JCT Junction City, JCT Junction City, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes entries like HGHN GERES Array S, GERES Array B, GERES Array B, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes entries like CLL Colim, DPC Dobruska-Polom, TVAN Van, etc.

IDC 06 13:47:46.6:1.1, 55.52S:28.99W, mb4.4/5, mb1 4.4/5, mb1mx4.3/10, Error ellipse: s-maj=48.5km s-min=24.1km az=45.0

NEIC 06 13:47:48.9:0.7, 55.40S:28.95W, h10km, mb4.4/5, Error ellipse: s-maj=33.6km s-min=13.8km az=55.0

ISC 06 13:47:48.4:0.7, 55.2S:0.1x29.1W:0.3, h10km, n17, o#593/14, mb4.3/10, 1C-2D, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA3, SNA1, etc.

DJA 06 14:03:44.7:0.9, 9.18S:111.66E, h160km, MD4.6/4, ML5.1/4, Error ellipse: s-maj=53.8km s-min=19.2km az=171.0

IDC 06 14:03:45.4:10.0, 8.25S:111.67E, h119km, g3km, mb3.9/8, mb1 4.0/9, mb1mx3.8/15, ML4.3/1, Error ellipse: s-maj=43.6km s-min=15.7km az=63.0

BJJ 06 14:03:46.8:1.6, 8.20S:111.70E, h136km, mb4.6, NEIC 06 14:03:46.8:1.6, 8.26S:111.66E, h135km, 13km, mb4.3/9, Error ellipse: s-maj=25.1km s-min=7.4km az=54.0

ISC 06 14:03:47.2:1.8, 8.2S:0.1x119.0E:0.1, h154km, n16km, n30, o#595/34, mb4.3/17, 5C-2D, Jawa region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like KELI, INGI, RATI, etc.

IDC 06 14:03:58.3:1.0, 55.27S:27.99W, mb4.2/4, mb1 4.3/4, mb1mx4.1/10, Error ellipse: s-maj=78.2km s-min=21.6km az=43.0

NEIC 06 14:04:00.2:0.6, 55.21S:28.16W, h10km, mb4.5/5, Error ellipse: s-maj=24.0km s-min=9.4km az=59.0

ISC 06 14:03:59.5:0.9, 55.2S:0.1x28.4W:0.3, h10km, n16, o#124/14, mb4.3/8, 2C-2D, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA3, SNA1, etc.

IDC 06 14:07:13.6:1.0, 55.37S:29.06W, mb4.3/4, mb1 4.5/4, mb1mx4.2/10, Error ellipse: s-maj=111.0km s-min=23.8km az=64.0

NEIC 06 14:07:15.7:0.6, 55.26S:28.91W, h10km, mb4.3/6, Error ellipse: s-maj=23.6km s-min=9.4km az=55.0

ISC 06 14:07:14.2:0.9, 55.1S:0.1x28.9W:0.3, h10km, n16, o#128/13, mb4.3/8, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA3, SNA1, etc.

IDC 06 14:12:19.4:0.9, 33.53N:136.94E, mb4.0/7, mb1 4.0/8, mb1mx3.8/22, ML3.3/1, MS4.1/1, Ms1 4.1/1, ms1mx3.8/26, Error ellipse: s-maj=30.9km s-min=17.6km az=50.0

NEIC 06 14:12:20.8:1.1, 33.45N:136.82E, h10km, Error ellipse: s-maj=22.6km s-min=13.0km az=131.0

JMA 06 14:12:21.4:0.1, 33.45N:136.78E, h43km, 3km, M3.8, ISC 06 14:12:20.7:0.8, 33.46N:0.04x136.80E:0.03, h22km, g6km, n24, o#593/33, mb3.9/7, 3C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like TK01, JKN, etc.

IDC 06 14:17:17.0:0.6, 55.26S:28.76W, mb4.8/8, mb1 4.9/8, mb1mx4.7/11, MS5.3/1, Ms1 5.2/1, ms1mx4.8/11, Error ellipse: s-maj=25.2km s-min=18.1km az=40.0

NEIC 06 14:17:19.4:0.3, 55.26S:28.78W, h10km, mb5.1/11, Error ellipse: s-maj=9.8km s-min=6.5km az=52.0

HRVD 06 14:17:19.4:0.9, 55.25S:28.78W, h23km, 2km, MW5.7/38, Centroid moment Tensor Solution: HP body waves: s12,c13, Mantle waves: s38,c46; L1 duration: 157

Moment tensor: Scale 10^10 Nm; Mw:5.21; 77; Mw:4.46; 45; Mw:0.76; 42; Mw:1.24; 65; Mw:0.70; 29; Mw:0.38; 96; Best double couple: M5.09x10^17 N0:100; 99; 63°; 188°; NP2:282°; 853°; 192°. Principal axes: T: 5.41, P: 0.82, Azim200°: N-63, P1g°, Azim101°: P-478, P1g8°, Azim11°: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BJJ 06 14:17:20.3:55.30S:28.80W, h10km, NEIC 06 14:17:20.3:55.30S:28.80W:0.1, h10km, n58, o#121/33, mb5.0/23, MS5.3/1, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like EFI, VNA1, etc.

LIC Lamto 64.18 26 eP P 14 27 53.5 -0.8

KIC Kosa Boka 64.39 26 eP P 14 27 55.0 -0.6

TIC Toumoudi 64.59 26 eP P 14 27 56.2 -0.7

DBIC Dimbokro 64.65 26 eP P 14 27 56.8 -0.6

OTAV Otavalo 64.45 305 eP P 14 28 24.3 +2.7

MBAR Mbarara 72.45 64 eP P 14 28 46.1 +0.3

SDV Santo Domingo 72.77 316 eP P 14 28 46.9 -0.8

JTS JuntasAbangare 80.32 304 eP P 14 29 31.7 +1.8

STKA Stephens Creek 92.97 172 eP P 14 30 30.3 -1.2

ASAR Alice Springs 100.14 164 P P 14 31 02.9 -1.5

ASAR 2.3nm, 0.6s, mbz=190, slow=4.1, SNR=13 PP 14 35 14.5 +2.0

WRA Warramunga Arr 103.85 163 Pdf P 14 31 19.8 -1.2

WRA 1.1nm, 1.2s, bazz=189, slow=4.3, SNR=7.3 PP 14 35 42.7 +2.2

AKASE Malin Array B 115.91 37 PKP 14 36 01.3 -1.2

MSU Marysville 117.19 299 ePKPdf PKPdf 14 36 03.6 -1.6

PDAR Pinedale Array 119.15 304 PKP 14 36 08.4 -0.5

FINES Finsees Array B 123.92 28 PKP 14 36 15.2 -2.6

KAF Kangasniemi 124.53 28 eP PKPdf 14 36 16.2 +6.9

KAF Kangasniemi 124.53 28 eP PKPdf 14 36 25.6 +6.9

ARCES ARCESS Array B 130.36 22 PKP 14 36 28.1 -1.7

BRVK Borovoye 134.92 97 ePKPdf PKPdf 14 36 36.7 -2.0

YKA Yellowknife Arr 134.92 319 PKP 14 36 36.0 -2.4

YKA Yellowknife Arr 134.92 319 PKP 14 36 36.0 -2.4

BVAR Borovoye Array 134.95 57 PKP 14 36 37.3 -1.4

MKAR Makanchi Array 137.35 71 PKPKP 14 36 37.0

GTA Gaota 142.57 93 ePKP PKPdf 14 36 44.4 -4.4

GTA APKP 14 36 55.4

XAN Xanadu 143.90 108 PKP 14 36 58.4 -3.2

XAN APKP 14 37 03.2

ILAR Eielson Array 148.88 313 PKP 14 36 59.5 -3.1

ILAR 31nm, 0.9s, bazz=130, slow=1.8, SNR=15 PKP 14 37 04.7 +2.1

PMR Palmer 149.13 307 eP PKPdf 14 37 06.6 +3.5

COLA College 149.30 313 eP PKPdf 14 37 05.4 +2.1

TIA Tai'an 149.93 315 ePKP PKPdf 14 37 08.2 +3.0

HHC Hu-ho-hao-te 150.23 102 ePKP PKPdf 14 37 10.0 +4.5

HHC 14 37 13.0

HHC SKS 14 40 47.9 +1.6

HHC SKS 14 44 13.5 +0.9

HHC SKS 14 47 32.8

SONM Songo Array 151.47 86 PKP PKPdf 14 37 05.2 -1.9

SONM 6.0nm, 0.1s, bazz=270, slow=1.2, SNR=75 PKP 14 37 11.7 +4.6

BJJ Beijing 152.23 108 PKP PKPdf 14 37 13.3 +4.8

TTA Talalina 152.55 308 eP PKPdf 14 37 11.0 +2.8

SDPT Sand Point 152.98 291 eP PKPdf 14 37 15.2 +6.2

NEIC 06 14:28:35.9, 15.73N:97.53W, h20km, MD4.4 (MEX), After MEX.

MEX 06 14:28:36.0:0.9, 15.74N:97.53W, h20km, 12km, MD4.4, Near coast of Oaxaca

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

IDC 06 14:29:15.1:3.2, 55.01S:28.01W, mb4.4/2, mb1 4.6/2, mb1mx4.0/9, Error ellipse: s-maj=350.0km s-min=36.3km az=29.0

NEIC 06 14:29:16.3:0.2, 55.24S:28.13W, h10km, mb4.3/5, Error ellipse: s-maj=21.7km s-min=7.4km az=58.0

ISC 06 14:29:14.5:1.0, 55.1S:0.1x28.1W:0.4, h10km, n17, o#181/14, mb4.3/8, 3C, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA3, SNA1, etc.

BJJ 06 14:29:46.7, 32.32N:137.17E, h33km, mb4.3

NEIC 06 14:29:49.0:0.7, 32.95N:137.01E, h10km, mb4.3/4, Error ellipse: s-maj=14.8km s-min=9.8km az=99.0

JMA 06 14:29:50.3:0.2, 32.95N:136.78E, h42km, M3.8

IDC 06 14:29:52.0:0.9, 32.95N:136.92E, h27km, g4km, mb3.7/5, mb1 3.7/6, mb1mx3.5/21, ML3.0/1, MS4.3/1, Ms1 4.3/1, ms1mx4.1/22, Error ellipse: s-maj=27.4km s-min=16.0km az=54.0

ISC 06 14:29:51.2:1.6, 33.04N:0.04x136.80E:0.03, h30km, 13km, h27km, 2km, pp-P, n29, o#85/44, mb4.0/8, 6C, Near south coast of western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like JWZ, TK02, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BUTP Butuan, BIPH Bislig, SCPH Surigao, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SHL Shillong, ASAJ Asahikawa, LSA Lhasa, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKASG Malin Array Be, MAW Mawson, KMBQ Kilima Bongo, etc.

6d 17h

comp=Z,0.1nm,0.3s,baz=76,slow=21,SNR=1.2
HFS Hagfors 7.66 208 Pn Pn 16 34 10.2 -2.8

IDC 06 16:45:16.4+0.8,33.34N-136.83E,mb3.6/9,mb1 3.8/10,
mb1mx3.7/23,ML3.6/11,Error ellipse: s-maj=26.3km
s-min=17.0km,az=65.0

NEIC 06 16:45:18.3+0.5,33.42N-136.88E,h10km,mb4.1/8,Error
ellipse: s-maj=12.4km s-min=8.7km,az=105.0

NEIC Recorded [1 JMA] in Mie and Nara Prefectures.
ISC 06 16:45:16.9+3.2,33.42N-136.97E,0.08,15km,21km,
n23,0.099/25,mb3.8/15,Near south coast of western
Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like HJH, MAJO, MA2, ZAL, etc.

NIED 06 16:45:00.33,50N-136.70E,h5km,Mw4.9 Best double
couple: M2.45x10^16 NP1.9x337°,888°,λ118°. NP2.9x71°,
828°,λ4°

IDC 06 16:45:27.0+0.8,33.47N-136.70E,mb4.1/13,mb1 4.2/16,
mb1mx4.1/24,ML3.5/3,Error ellipse: s-maj=20.6km
s-min=17.4km,az=65.0

BUI 06 16:45:28.4,33.29N-136.83E,h25km,mb5.0,mb4.6,
Ms4.5,Ms24.3

NEIC 06 16:45:29.1+0.8,33.57N-136.76E,h10km,mb4.5/11,Error
ellipse: s-maj=17.0km s-min=8.4km,az=139.0

JMA 06 16:45:30.1+0.1,33.48N-136.73E,h41km,2km,M4.7
JMA Feat 1/1

MOS 06 16:45:31.1+0.7,33.44N-136.53E,h33km,mb4.4/12,Error
ellipse: s-maj=23.1km s-min=12.1km,az=99.3

ISC 06 16:45:29.8+0.6,33.51N-136.75E,0.03,h28km,4km,
n72,c105/84,mb4.3/31,MS4.3/6,1D,Near south coast
of western Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like TK01, JKN, JWZ, etc.

2004 SEP

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like HHC, HUHO, ENH, etc.

IDC 06 16:46:34.4+0.8,33.13N-137.00E,mb4.2/9,mb1 4.4/11,
mb1mx4.2/23,ML3.8/2,MS4.0/1,Ms1 4.2/1,ms1mx3.5/25,
Error ellipse: s-maj=25.2km s-min=21.5km,az=66.0

NEIC 06 16:46:36.1+0.5,33.07N-136.94E,h10km,mb4.5/2,Error
ellipse: s-maj=13.5km s-min=10.1km,az=116.0

JMA 06 16:46:38.4+0.1,33.17N-136.95E,h49km,4km,M4.2
ISC 06 16:46:36.7+1.9,33.13N-137.01E,0.03,h26km,14km,
n25,c081/32,mb4.2/11,MS3.9/1,2C-5D,Near south
coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like JKN, JIE, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like JIE, TK04, etc.

IDC 06 16:54:28.6+1.1,54.85S-27.61W,mb4.1/3,mb1 4.3/3,
mb1mx4.0/9,Error ellipse: s-maj=122.0km s-min=24.9km
az=43.0

NEIC 06 16:54:30.3+0.7,55.12S-27.96W,h10km,mb4.2/6,Error
ellipse: s-maj=23.2km s-min=8.8km,az=56.0

ISC 06 16:54:29.1+1.0,55.0S-10.1x27.9W,0.3,h10km,n19,
0.096/17,mb4.2/8,5C-1D,South Sandwich Islands
region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like VNA1, VNA2, etc.

JMA 06 17:07:42.4+0.1,33.23N-137.21E,h42km,2km,M3.5
ISC 06 17:07:42.3+0.8,33.23N-137.21E,0.03,h47km,6km,
n17,c090/34,7D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like TK01, TK02, etc.

NEIC 06 17:11:34.0,19.41N-155.50W,h13km,MD3.5(HVO),
After HVO,,Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like KKH, HKL, etc.

NIED 06 17:23:00.33,00N-136.80E,h5km,Mw4.5 Best double
couple: M6.98x10^15 NP1.9x186°,889°,λ-120°. NP2:
0.95°,830°,λ-1°

BUI 06 17:23:37.1,32.45N-136.89E,h36km,mb4.7,mb4.3,
Ms4.2,Ms23.9

NEIC 06 17:23:37.5+0.5,32.99N-136.86E,h10km,mb4.2/5,Error
ellipse: s-maj=11.3km s-min=8.7km,az=91.0

JMA 06 17:23:37.0+0.1,32.97N-136.78E,h37km,3km,M3.8
IDC 06 17:23:40.9+0.9,32.88N-136.65E,h27km,5km,mb3.7/8,
mb1 3.9/10,mb1mx3.7/23,ML3.3/2,MS3.9/3,Ms1 3.9/3,
ms1mx3.3/28,Error ellipse: s-maj=28.4km s-min=15.6km
az=62.0

ISC 06 17:23:37.5+0.8,33.04N-136.78E,0.03,h23km,6km,
n25km,6km,pp-P,n40,c092/94,mb4.0/13,MS4.1/2,7C,
Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include stations like KKH, HKL, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details for various radio stations.

Technical notes and station information including coordinates, call signs, and operational details for various stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution for the Rico region.

Main table listing radio stations with columns: Call sign, Frequency, Power, Mode, and other technical details.

Table listing radio stations with columns: Call sign, Frequency, Power, Mode, and other technical details.

Table with columns: Station Name, Time, Res, PFAKE, LR, comp=, and various codes. Includes stations like PALK, WMOK, JFWF, CBKS, ANMO, CLL, SDCO, ISCO, PFO, AKASG, MSU, RSSD, TPNV, NLU, DAC, KONO, DUG, BW06, PDAR, HWUT, TPH, AHID, MNV, NOA, TPW, ELK, LAO, SAO, DGMT, CMB, BMN, HLID, BOZ, OBN, HOLS, WVOR, MOD, CHMT, FINES, MSO, KAF, KOLN, HUMO, DMN, GKN, KKN, HAWA, NEW, COR, NLW, KSH, KIP, OCWA, ARCES, AAK, FRU, LSA, ARU.

Table with columns: Station Name, Time, Res, PFAKE, LR, comp=, and various codes. Includes stations like ARU, QIZ, KMI, KMI, KMI, ZRNK, YKA, YKA, BRVK, MKAR, MKAR, KURK, GUMO, WMO, WMO, WMO, WMO, ENH, NVS, LZH, LZH, LZH, GTA, GTA, GTA, ZAL, ZAL, ZAL, XAN, MIDW, DAWY, NJ2, SSE, SSE, SSE, SML, ILAR, PMR, COLA, SLKM, BTO, MCK, MCK, SPU, RSO, SONM, SONM, BJT, IRK, MAJO, CN2, HIA, MDJ, MDJ, SEY, SEY, SEY, PET, MA2, MA2, IDC, NEIC, HRVD.

Table with columns: Code, Station Name, Time, Res, PFAKE, LR, comp=, and various codes. Includes stations like EFI, PMSA, USHA, TROA, CYP, CPUP, MAW, SUR, BDFB, BDFB, BDFB, LVC, LAPZ, TSUM, TSUM, SAML, SDV, STKA, ASAR, ASAR, WRA, AKASG, PDAR, NOA, FINES, FINES, KAF, ARCES, YKA, MKAR, ZAL, ILAR, SONM.

NEIC 06 21:23:43.2, 19.59N:65.23W, h38km, MD3.8(RSPR), RSPR 06 21:23:43.2, 19.59N:65.23W, h38km, MD3.8/12, MD3.8/12, 7C-7D, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, PFAKE, LR, comp=, and various codes. Includes stations like CBYB, CBYB, MIT, HMP, HMP, CSB, CSB, CPD, SJJ, SJJ, AOPR, CELP, CELP, LRS, PORP, LSP, MGP, IDE, IDE.

NEIC 06 21:31:17.6:0.7, 5.48S:151.84E, mb4.5/7, Error ellipse: s-maj=23.2km s-min=9.2km az=115.0, IDC 06 21:31:18.1:1.3, 5.54S:151.79E, h62km, 8km, mb4.0/7, mb1.4/2.8, mbTmx4.1/12, MS3.7/3, Ms1.3/7.3, MsTmx3.5/15, Error ellipse: s-maj=38.2km s-min=13.9km az=121.0, ISC 06 21:31:17.2:1.4, 5.55S:0.1, 151.7E:0.3, h66km, 15km, n21, 0.8/12, mb4.2/12, 1C, New Britain region

Table with columns: Code, Station Name, Time, Res, PFAKE, LR, comp=, and various codes. Includes stations like RAB, CTA, CTA, KAKA, WRAB, WB2, WRA, WRA, ASAR, ASAR, ASAR, ASPA, FITZ, FITZ, MBWA, SONM, MKAR, ZAL, ILAR, KURK, BRVK, ZRNK, GERES, BDFB.

BUI 06 21:53:44.1,24.26N,104.23E,h16km,ML3.3
PLV 06 21:53:46.1,0.9,23.89N,104.53E,h1km,km,MD3.3
ISC 06 21:53:37.9,0.7,24.08N,104.104.34E,0.06,h10km,n6,
c152/18,1C,Yunnan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Kunming, Ba Vi, Met, Guiyang, Hanoi, Yen Tu.

LDG 06 22:01:26.9,0.1,44.51N,6.84E,h2km,Md2.5/2,Ml2.5/18,
Error ellipse: s-maj=1.7km s-min=1.1km az=50.0

NEIC 06 22:01:27.5,0.4,47.47N,6.82E,h5km,ML2.8(GEN),
ML2.5(STR),ML2.5(LDG),After STR.
STR 06 22:01:27.5,0.2,44.47N,6.82E,h5km,1km,ML2.5,Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 06 22:01:25.8,0.2,44.49N,0.01,6.75E,0.02,h14km,2km,
n54,c1909/108,France

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Saint Ours, Montbardon, Prazzo, Cesana Torines, Sta Anna Valdi, Anna di Valdie, Bricherasio, Entracque, Fenestrelle, Mont Vial, L'Aution, Auriere, Calern, Oris-en-Rattie, Reno Superiore, Saorge, Sospel, Roburent, Monesi, Revers, La Foret Royal, Negi, Villemus, Simiane la Rot, Imperia, Tavernes, La Plagne, Ceresole Reale, Saint-Nazaire, Finale Ligure, La Moure, Puyfoubier, Pian Castagno, Pradon, Bertagne, Saint-Julien, Ste Croix, La Chapelle, Pioggiola, Signal de Mont, Avril sur Loir, Calviac, Bois d'Agland, Lormes.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Montoliou, Toulx Ste Croix, Humbigny, Saint Martin d.

JMA 06 22:01:29.6,0.1,33.23N,137.15E,h41km,2km,M3.6
ISC 06 22:01:29.0,0.9,33.24N,0.06,137.15E,0.04,h45km,23km,
n16,c0563/31,1C-5D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Tokai 1, Tokai 2, Tokai 3, Tokai 4, Tsu 2, Minabe, Kouya, Heguri, Isezushima, Tsuna, Mitsuone, Aioi, Matsushiro.

JMA 06 23:01:29.6,0.1,33.04N,136.89E,h40km,5km,M4.1
JMA Felt J1.
ISC 06 23:01:29.8,0.9,33.06N,0.06,136.91E,0.03,h48km,20km,
n17,c0567/33,3C-8D,Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Tokai 1, Tokai 2, Kiinagashima, Ise, Minabe, Tsu 2, Heguri, Aioi, Shizuoka 3, Wachi, Matsushiro.

IDC 06 23:03:23.9,1.0,55.45S,26.51W,mb4.5/4,mb1 4.6/4,
mb1 mx4.2/10, Error ellipse: s-maj=108.0km s-min=22.5km
az=44.0

NEIC 06 23:03:25.6,0.4,55.50S,26.64W,h10km,mb4.6/9, Error
ellipse: s-maj=14.1km s-min=7.2km az=53.0

ISC 06 23:03:23.8,0.6,55.41S,0.10,26.6W,0.2,h10km,n22,
c1520/17,mb4.5/11,3C-1D,South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, East Falkland, Palmer Station, Torqu coast, South Pole Qui, Villa Florida, Sutherland, Mawson, Limon Verde, Scott Base, La Paz, Samuel, Santo Domingo, Alice Springs, Divide, Eielson Array, Songoing Array, College, McKinley.

NIC 06 23:10:42.5,0.4,36.78N,34.50E,h77km,ML3.5,MW3.1
ISK 06 23:10:42.0,36.84N,34.33E,h9km,MD3.5
ISC 06 23:09:43.0,0.7,36.79N,0.03,34.33E,0.04,h15km,4km,
n22,c0913/33,5C,Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Erdemli, Isikli, Ceyhan, Nigde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Hadim, Iskenderun, Hatay, Paralimni, Mamari, Konya-Tatoy, Pindhosros, Avton, Lefka, Souni-Zanaja, Ahir Dag, Gaziantep, Szac, Paphos, Kaman, Gaziantep, Kizilcal, Yozgat.

JMA 06 23:11:24.7,0.2,33.21N,137.17E,h46km,3km,M3.6
ISC 06 23:11:25.3,1.2,33.25N,0.06,137.13E,0.04,h43km,24km,
n16,c0566/32,4D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Tokai 1, Tokai 2, Ise, Kozaga, Kiinagashima, Tokai 4, Tsu 2, Minabe, Kouya, Heguri, Shizuoka 3, Tsuna, Aioi, Miyama, Wachi, Matsushiro.

JMA 06 23:12:34.3,0.1,33.15N,136.72E,h37km,3km,M3.8
JMA Felt J1.
ISC 06 23:12:34.4,1.1,33.16N,0.06,136.74E,0.04,h37km,n16,
c0563/30,6D,Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Tokai 1, Kozaga, Wachi, Kiinagashima, Ise, Minabe, Kouya, Wachi, Aioi, Shizuoka 3, Wachi, Matsushiro.

MOS 06 23:13:12.5,1.4,35.70N,70.48E,h33km,mb4.6/14, Error
ellipse: s-maj=22.0km s-min=8.1km az=96.0

IDC 06 23:13:26.5,1.0,36.07N,70.72E,h134km,8km,mb3.9/14,
mb1 4.1/16,mb1 mx3.9/23, Error ellipse: s-maj=21.8km
s-min=12.8km az=35.0

BUI 06 23:13:27.0,36.44N,71.09E,h111km,mb4.2
NEIC 06 23:13:27.0,36.44N,71.09E,h111km,mb4.2, Error ellipse:
s-maj=14.5km s-min=9.7km az=70.0

NIC 06 23:13:34.9,2.9,36.99N,70.60E,h194km,20km,mpv5.3,
Error ellipse: s-maj=29.0km s-min=21.4km az=75.0

ISC 06 23:13:25.6,0.5,36.35N,0.02,71.00E,0.06,h138km,6km,
h134km,2.8km,p-P,n97,c1528/117,mb4.0/18,1C-4D,
Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, Nilore, Thame Wall, Sheikh Budin, Sargodha, Derazinda, Kashi, Erkin-Say, Almayasu, Uchtor, Kyzart, Bhakra, Karatay Array, Karatay Array.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like KBK Karagaybulak, ULHL Ulahoi, CHMS Chumysh, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like ARCES, HFS Hagfors, HFS Hagfors, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like JRY Ryogami san, JAD Aida, JKG Kaga, etc.

Table with columns for station codes (KUR, NJ2, TATO, etc.), frequencies, and various data points (e.g., 15.58 271, 16.05 243, etc.).

Table with columns for station codes (XAN, QVPH, ARP, etc.), frequencies, and various data points (e.g., 23.33 16.9 +1.4, 23.33 20.7, etc.).

Table with columns for station codes (CD2, PPR, BOD, etc.), frequencies, and various data points (e.g., 23.35 34.6 -0.8, 23.35 36.2 -1.8, etc.).

6d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVS, MKAR, KURK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB, WBA2, WRA, etc.

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

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Little Rabbit, Vriocioia, and Gorka Klasztor.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Keshet, Keshet, Hadim, and Raciborz.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Karahalli, Karahalli, Karahalli, and Karahalli.

2004 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SVIS, AOB, KMTI, BEO, MBH, EIL, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KIZ, FLACH, BRMO, DAVOX, etc.

TRAV		89.31 327	P	P	23 42 30.2 -1.2
MGR	Morigerati	89.33 319	eP	P	23 42 29.9 -1.7
TIP	Timpagrande	89.33 318	iP	P	23 42 31.0 -0.7
HEX	Exmoro	89.36 337	eP	P	23 42 31.4 -0.2
CERT	Cerretto	89.41 322	eP	P	23 42 31.2 -0.8
CRFL	Gerfalco	89.45 321	eP	P	23 42 31.4 +1.2
TBI	Tubuati	89.58 118	eP	P	23 42 32.5 -0.7
TBI			eSS	SS	25 59 13.8 -7.1
TBI			eR		00 06 06.5
TBI			eL		00 10 17.1
LSD	Ceresole Reale	89.61 327	P	P	23 42 33.1 +0.2
LOR	Lormes	89.63 320	iP	P	23 42 32.2 -0.7
LOR			eR		
ANMO	Albuquerque	89.64 470	iP	P	23 42 34.3 +1.0
PCP	Pian Castagno	89.67 326	P	P	23 42 32.0 -1.1
RSL	Roseland	89.67 328	eP	P	23 42 32.7 -0.5
LPL	La Plagne	89.76 328	iP	P	23 42 33.4 -0.2
GRI	Girifalco	89.76 318	eP	P	23 42 33.8 +0.1
LPG	La Plagne	89.77 328	iP	P	23 42 33.6 0.0
RSP	Reno Superiore	89.80 327	P	P	23 42 33.2 -0.6
TOLF	Tolla	89.83 323	eP	P	23 42 33.0 -1.0
LENH	Lenitars	89.84 48	eP	P	23 42 34.9 +0.7
SCHM	Schefferville	89.90 14	P	P	23 42 34.0 0.0
SCHO			PKPKbc		00 00 03.4
SCHO			eR	LR	00 27 55.3
SSF	Saint Saulge	89.94 330	iP	P	23 42 33.8 -0.6
FENE	Fenestrelle	89.98 327	P	P	23 42 34.0 -0.6
BHB	Bricherasio	90.04 327	P	P	23 42 33.6 -1.2
FIN	Finale Ligure	90.08 326	P	P	23 42 33.5 -1.6
FLN	La Foliniere	90.13 334	eP	P	23 42 34.7 -0.5
FLN			eR		
HYF	Humbigny	90.13 331	iP	P	23 42 35.3 +0.1
SMF	Signal de Mont	90.13 330	iP	P	23 42 34.7 -0.6
LDF	La Druiettere	90.13 333	iP	P	23 42 34.7 -0.5
BNI	Bardonecchia	90.14 327	P	P	23 42 35.1 -0.3
BNI			pmx	pmx	
BNI	Bardonecchia	90.14 327	iP	P	23 42 34.9 -0.4
ROB	Roburent	90.18 326	P	P	23 42 34.0 -1.5
RRL	Cesana Torines	90.20 327	P	P	23 42 35.4 -0.2
AVF	Avril sur Lignon	90.22 330	iP	P	23 42 35.2 -0.5
RORO	Grand Maison	90.22 326	P	P	23 42 34.5 -1.3
GDM	Grand Maison	90.28 328	eP	P	23 42 35.9 -0.1
CSA1	St Austell	90.33 337	iP	P	23 42 35.6 -0.5
MBDF	Montbard	90.35 327	iP	P	23 42 35.4 -0.9
PZZ	Prazzo	90.37 327	P	P	23 42 35.3 -1.2
MONE	Monesi	90.39 326	P	P	23 42 35.1 -1.4
GRN	Grenoble	90.41 328	eP	P	23 42 36.6 0.0
ENR	Entraigue	90.44 327	P	P	23 42 34.5 -2.3
IMI	Imperia	90.46 326	P	P	23 42 35.7 -1.1
STV2	Anna di Valdrie	90.47 327	P	P	23 42 35.1 -1.7
STV	Sta Anna Valdi	90.47 327	P	P	23 42 34.8 -2.1
SOI	Samo	90.49 318	eP	P	23 42 37.1 -0.1
SURF	Saint Ours	90.52 327	iP	P	23 42 36.8 -0.3
SCLL	Scilla	90.52 318	eP	P	23 42 37.4 0.0
SAOF	Saorge	90.56 326	eP	P	23 42 36.5 -0.8
VAL	Valentia	90.57 341	iP	P	23 42 37.3 +0.2
VAL			eP	SS	23 46 16.9 +2.3
VAL			eSS	SS	23 53 32.0 +2.6
VAL			eSS	SS	25 53 44.4 +1.0
GRR	Gorron	90.58 334	eP	P	23 42 37.0 -0.3
QRQ2	Rosemarowes 2	90.59 337	eP	P	23 42 36.8 -0.5
CCA1	Carmenellis	90.59 337	eP	P	23 42 36.3 -1.0
NEGI	Negi	90.59 326	P	P	23 42 35.4 -2.1
ORIF	Oris-en-Rattier	90.60 328	iP	P	23 42 37.1 -0.4
ORIF			eR		
AUTN	L'Aution	90.61 326	eP	P	23 42 36.8 -0.7
BGF	Bois d'Agland	90.61 330	iP	P	23 42 37.1 -0.4
CM1	Manaccan	90.64 337	eP	P	23 42 37.4 -0.1
CGW	Gweck	90.66 337	eP	P	23 42 37.6 0.0
CGH1	Goonhilly	90.69 337	eP	P	23 42 37.0 -0.7
SBF	Sospes	90.71 326	iP	P	23 42 36.7 -1.3
CPZ	Penzance	90.73 337	eP	P	23 42 37.9 -0.1
CPZ			Amb	Amb	23 42 56.2
AURF	Aurieres	90.74 326	eP	P	23 42 37.3 -0.8
MVIF	Mont Vial	90.81 326	eP	P	23 42 37.7 -0.8
REVf	Revere	90.83 326	eP	P	23 42 38.6 0.0
AGO	Saint Agoulin	90.90 330	eP	P	23 42 38.8 0.0
CBKS	Cedar Bluff	90.93 41	P	P	23 42 39.4 +0.3
CBKS			pmx	pmx	
CBKS	Cedar Bluff	90.93 41	eP	P	23 42 38.7 -0.5
CBKS			LR	LR	
OG25	Le Claire	90.94 327	iP	P	23 42 38.6 -0.4
PGF	Pioggiola	90.96 325	iP	P	23 42 38.2 -1.0
CALN	Calern	91.05 327	eP	P	23 42 38.9 -0.6
COLF	Collangettes	91.09 329	eP	P	23 42 39.8 +0.1
TCF	Toulx Ste Croi	91.09 331	iP	P	23 42 39.6 -0.1
OCF	Saint Nazaire	91.13 328	iP	P	23 42 39.9 0.0
OG26	St-Nazaire-De	91.13 328	eP	P	23 42 39.9 0.0
EGTS	Castiglione	91.15 318	eP	P	23 42 40.4 +0.2
PYV	Saint-Julien-1	91.19 328	iP	P	23 42 39.8 -0.4
PYV			SS	SS	23 42 18.1 3.5
PYV	Petit Puy Mans	91.19 330	eP	P	23 42 40.4 +0.2
FRF	La Foret Royal	91.31 327	iP	P	23 42 39.5 -1.2
SGMF	Saint Gilles	91.31 334	iP	P	23 42 40.5 -0.1
MNO	Monte Soro	91.35 318	eP	P	23 42 41.9 +0.8
SMRF	Simiane la Rot	91.47 327	iP	P	23 42 41.1 -0.4
ROSF	Rostrenen	91.50 335	iP	P	23 42 41.7 +0.2
ROSF			LR	LR	
LBL	Lubilhac	91.51 329	eP	P	23 42 41.8 +0.2
VLST	Villems	91.51 327	eP	P	23 42 41.3 -0.4
AGF	Augusta-Monte	91.53 317	eP	P	23 42 38.9 -3.0
LAVR	Tavernes	91.53 327	eP	P	23 42 41.1 -0.7
TMR	La More	91.55 326	iP	P	23 42 40.8 -1.0
USI	Ustica	91.63 320	eP	P	23 42 41.2 -1.2
FRNF	Fournols	91.67 330	eP	P	23 42 42.9 +0.5
PUYF	Puyfouquier	91.76 327	eP	P	23 42 43.0 +0.2
MFF	Saint Martin d	91.78 332	iP	P	23 42 43.0 +0.2
PRAF	Pradon	91.79 328	eP	P	23 42 43.9 +0.9
QUIF	Quistinix	91.82 335	iP	P	23 42 42.6 -0.4
VAE	Valguarnera	91.83 318	P	P	23 42 43.5 +0.2
TREF	Trevasse	91.84 327	eP	P	23 42 43.0 -0.2
BERF	Bertrange	91.84 327	eP	P	23 42 44.1 +0.4
GELF	Grande-Etoile	92.04 327	eP	P	23 42 44.6 +0.6
LASF	Ste Croix	92.16 328	iP	P	23 42 44.4 -0.3
RJF	Les Rejaudoux	92.17 330	iP	P	23 42 44.8 +0.1
RJF			eR		
CAF	Calviac	92.25 330	iP	P	23 42 45.5 +0.4
LRVf	La Roche-sur-Y	92.34 333	eP	P	23 42 45.5 +0.1
LVI	Isola Levanzo	92.61 320	eP	P	23 42 47.3 +0.5
JFWS	Jewell Farm	92.64 33	P	P	23 42 47.3 +0.4
JFWS			pmx	pmx	
JFWS	Jewell Farm	92.64 33	eP	P	23 42 46.8 -0.1
JFWS			LR	LR	
JFWS	Jewell Farm	92.64 33	iP	P	23 42 47.8 +0.3

OLEF	le d'Oleron	92.80 333	eP	P	23 42 47.9 +0.4
MTLF	Montlieux	93.46 329	iP	P	23 42 50.5 -0.2
EJON	La Jonquera	93.89 328	P	P	23 42 52.1 -0.5
EFON			PP	PP	23 46 39.0 -2.4
LPEF	Le Peyrat	93.91 329	eP	P	23 42 51.0 -1.8
MLS	Moulis	94.26 329	eP	P	23 42 54.2 -0.1
VALF	Valcabollere	94.31 328	eP	P	23 42 54.8 +0.2
WMOK	Wichita Mouta	94.37 43	P	P	23 42 55.2 +0.1
WMOK			pmx	pmx	
WMOK	Wichita Mouta	94.37 43	eP	P	23 42 55.1 0.0
WMOK			LR	LR	
EPF	Esparrons	94.52 330	iP	P	23 42 54.9 -0.6
ENS	Ens	94.70 330	eP	P	23 42 57.2 +0.8
VEEF	Vies	94.77 330	eP	P	23 42 57.3 +0.6
EMIR	Miracle	94.92 328	P	P	23 42 57.4 0.0
OSSF	Osses	95.00 331	eP	P	23 42 56.8 -0.9
ETSaut	ETSaut	95.00 330	iP	P	23 42 58.2 +0.4
SJFP	St Jean	95.10 331	eP	P	23 42 57.6 -0.4
EALK	Alkuruntz	95.12 331	P	P	23 42 58.5 -0.2
EALK			PP	PP	23 46 47.6 -2.7
LTJ	Lajitas	95.15 50	P	P	23 42 59.8 +1.0
LTX	Lajitas	95.15 50	eP	P	23 42 59.5 +0.8
LTX			LR	LR	
LTX	Lajitas Array	95.15 50	P	P	23 42 59.1 +0.4
TXAR			PP	PP	23 46 48.2 -2.6
TXAR			PP	PP	23 59 48.1
TXAR			PP	PP	00 07 57.6
TXAR			LR	LR	00 25 40.5
EPOB	Poble	95.97 328	P	P	23 43 00.5 +0.1
ESAC	San Caprasio	95.93 330	P	P	23 43 03.2 +1.2
CCM	Cathedral Cave	95.95 36	P	P	23 43 02.6 +0.3
CCM			pmx	pmx	
CCM	Cathedral Cave	95.95 36	eP	P	23 43 02.1 -0.1
SLM	Saint Louis	96.00 36	P	P	23 43 02.9 +0.4
SLM			pmx	pmx	
JCT	Junction City	96.79 47	P	P	23 43 06.1 -0.1
JCT			pmx	pmx	
JCT	Junction City	96.79 47	eP	P	23 43 06.0 -0.2
JCT			LR	LR	
EMOS	Mosqueruela	97.05 329	P	P	23 43 08.3 +1.2
EPON	Pontenova	97.19 335	P	P	23 43 06.6 -1.1
EPON			PP	PP	23 46 58.7 -8.0
LOZ	Lake Ozonia	97.30 221	eP	P	23 43 08.1 -0.1
LOZ			eP	SS	23 47 12.6 +5.0
BLO	Bloomington	97.32 33	eP	P	23 43 08.4 0.0
BLO			pmx	pmx	
BLO	Bloomington	97.32 33	eP	P	23 43 08.4 0.0
BLO			PP	PP	23 47 17.0 +9.1
ETOR	Torete	97.35 330	eP	P	23 43 07.9 -0.5
ETOR			PP	PP	23 47 04.9 -3.3
MIAR	Mount Ida	97.42 40	eP	P	23 43 09.6 +0.6
MIAR			LR	LR	
ERPA	Erie	97.60 27	eP	P	23 43 10.2 +0.6
ERPA			LR	LR	
UALR	University of	97.91 39	eP	P	23 43 11.9 +0.8
ALLY	Alegheny Colle	97.94 27	eP	P	23 43 10.1 -1.0
NCB	Newcomb	97.99 221	eP	P	23 43 11.6 +0.3
NCB			LR	LR	
ACSO	Alum Creek Sta	98.00 30	eP	P	23 43 10.3 -1.0
ACSO			LR	LR	
STS	Santiago	98.07 335	P	P	23 43 11.3 -0.4
STS			PP	PP	23 47 03.1 -1.1
WCI	Wyandotte Cave	98.19 33	P	P	23 43 13.0 +0.7
WCI			pmx	pmx	
WCI	Wyandotte Cave	98.19 33	eP	P	23 43 12.0 -0.4
WCI			PP	PP	23 43 12.1 -0.4
ECAL	Calabar	98.24 334	P	P	23 43 12.1 -0.4
ECAL			PP	PP	23 47 11.1 -3.9
EBEN	Beniarda	98.31 328	P	P	23 43 14.0 +1.2
EBEN			PP	PP	23 47 12.1 -3.4
PBRG	Braganca	98.36 334	eP	P	23 43 13.4 +0.4
PBRG			eP	PP	23 47 13.6 -2.2
ELOB	Lobios	98.79 335	P	P	23 43 14.7 -0.2
ELOB			PP	PP	23 47 12.1 -6.8
WVL	Waterville	98.81 19	eP	P	23 43 15.3 +0.4
HNH	Hanover	98.83 21	eP	P	23 43 15.8 +0.7
NATX	Nacogdoches	98.90 43	P	P	23 43 30.0 +1.4
NATX			LR	LR	
ETOB	Tobara	98.94 329	P	P	23 43 14.8 -0.9
BINY	Binghamton	98.98 24	P	P	23 43 15.6 -0.2
BINY			LR	LR	
KMBO	Kilima Mbogo	99.02 275	P	P	23 43 16.2 -0.5
KMBO			PP	PP	23 47 16.4 -4.7
KMBO	Kilima Mbogo	99.02 275	eP	P	23 43 15.8 -0.8
ESDC	Sonsecra Array	99.10 331	P	P	23 43 15.8 -0.6
ESDC			PP	PP	23 47 07.3 -1.4</

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOK1 Tokai, TOK2 Tokai, TOK3 Tokai, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOK1 Tokai, TOK2 Tokai, TOK3 Tokai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MALT Malatya, MCK McKinley, SML Sawmill, COLA College, etc.

NEIC 07:07:15:16.9, 4.4, 87N:8.48E, h10km, ML3.1 (GEN), ML2.9(LDG), ML2.8(STR), After GEN.

ROM 07:07:15:17.3, 0.3, 44.85N:8.05E, h10km, MD2.7/4, ML2.2/6, Error ellipse: s-maj=1.8km s-min=1.8km az=50.0

STR 07:07:15:18.5, 0.4, 44.85N:8.28E, h10km, 1km, M12.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07:07:15:19.4, 0.2, 44.77N:8.35E, h10km, Md2.9/L2.9/M2.9/16, Error ellipse: s-maj=4.8km s-min=2.3km az=95.0

ISC 07:07:15:16.3, 0.4, 44.84N:0.01-8.40E:0.02, h9km, 2km, n66, a102/112, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCP Pian Castagno, FIN Finale Ligure, etc.

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

ISC 07:08:01:38.7, 2.4, 55.21S:26.18W, mb4.1/3, mb1.4/3, mb1mx4.0/10, Error ellipse: s-maj=303.0km s-min=26.0km az=45.0

NEIC 07:08:01:40.5, 0.9, 55.42S:26.36W, h10km, mb4.3/4, Error ellipse: s-maj=28.1km s-min=11.9km az=53.0

ISC 07:08:01:51.4, 5.8, 55.65S:0.2, 26.8W:0.4, h119km, 59km, n11, a059/110, mb4.1/6, 1C-2D, South Sandwich Islands

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

ISC 07:08:15:17.0, 0.8, 55.23S:28.71W, mb4.4/4, mb1.4/5, mb1mx4.2/9, MS3.8/1, MS1.3/9, ms1mx3.4/12, Error ellipse: s-maj=83.3km s-min=20.9km az=47.0

NEIC 07:08:15:18.7, 0.4, 55.35S:29.03W, h10km, mb4.5/5, Error ellipse: s-maj=20.1km s-min=6.3km az=61.0

ISC 07:08:15:24.9, 5.9, 55.45S:0.2, 29.1W:0.3, h78km, 60km, n23, a159/113, mb4.4/8, 3C-1/12, South Sandwich Islands

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

Table with columns: DIV Divide, ILAR Eielson Array, COLA College, MCK McKinley, SONN Songino Array

NIED 07:08:53:00, 33.50N:136.80E, h5km, Mw4.2 Best double couple: Mo:2.4x10^15 NP1:phi:335, delta:3, lambda:137. NP2:phi:71, delta:7, lambda:9

ICD 07:08:53:21.1, 0.9, 33.58N:136.87E, mb3.6/6, mb1.3/8.7, mb1mx3.0/34, ML3.4/1, MS3.2/4, MS1.3/2.4, ms1mx3.0/34, Error ellipse: s-maj=26.2km s-min=2.1km az=60.0

NEIC 07:08:53:22.0, 0.7, 33.58N:136.73E, h10km, mb4.5/2, MW4.2(NIED), Error ellipse: s-maj=18.4km s-min=11.4km az=112.0

JMA 07:08:53:22.7, 33.49N:136.76E, h42km, 2km, M3.9 ISC 07:08:53:22.0, 0.7, 33.51N:0.04x136.79E:0.03, h23km, 5km, n27, a085/37, mb3.8/8, MS3.6/1, 1C-2D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOK1 Tokai, TOK1 Tokai, TOK1 Tokai, etc.

BUI 07:09:15:33.0, 52.20N:173.90E, h39km, mb5.0, mb4.9, Ms4.6, Ms4.3

NEIC 07:09:15:33.1, 1.1, 52.17N:173.94E, h40km, 9km, mb4.6/34, MS4.4/2, ML4.4(PMR), Error ellipse: s-maj=12.8km s-min=4.9km az=185.0

MOS 07:09:15:34.2, 1.0, 52.56N:173.83E, h48km, mb4.8/21, Error ellipse: s-maj=16.5km s-min=9.5km az=113.0

ICD 07:09:15:34.6, 6.2, 52.48N:174.04E, h38km, 54km, mb4.2/19, mb1.4/19, mb1mx4.3/24, MS4.2/21, MS1.4/2, 21, MS1.2x2/27, Error ellipse: s-maj=22.0km s-min=12.4km az=170.0

ISC 07:09:15:32.2, 0.9, 52.19N:0.07/173.98E:0.04, h46km, 7km, h42km, 1.9km, pp-P, n170, a197/167, mb4.6/74, MS4.3/35, 3C-4D, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHY Shyma, PET Petropavlovsk, etc.

MA2 Magadan 14.92 309 P S 09 18 57.8 -3.6

MA2 Magadan 14.92 309 P S 09 21 39.4 -6.5

SEY Seymchan 15.72 322 eP P 09 19 17.2 +5.5

SVW Sparrevohn 18.79 50 eP P 09 19 50.8 +0.9

RSO Redoubt South 20.03 53 eP P 09 20 04.3 +0.7

SPU Mount Spurr 20.49 51 eP P 09 20 09.4 +1.0

YSS Yuzh-Sakhalins 20.81 268 eP P 09 20 12.0 +0.1

SLKM Sankhale 21.27 53 eP P 09 20 17.4 +1.0

IMA Indian Mountain 21.31 37 eP P 09 20 16.7 -0.1

Table with columns: UTMT, University of, 71.64 346 P, P, 11 09 01.4 +0.1, etc. Lists astronomical observations with station names and coordinates.

Table with columns: WDC, Whiskeytown Da, 87.41 324 eP, P, 11 10 25.8 -0.4, etc. Lists astronomical observations with station names and coordinates.

Table with columns: MDJ, MDJ, comp=N, 195nm, 21.6s, MS5.1, LR, LR, 11 17 46.0, etc. Lists astronomical observations with station names and coordinates.

NIED 07 10:58:00.33, 30N:137.30E, h5km, Mw4.6 Best double couple: Mb 7.4x10^15 NP1=56m, 164.1, 122.2. NP2: 0.54, 832, 133. BJI 07 10:58:52.3, 32.89N:137.30E, h21km, mB5.0, mb4.4, Ms4.6, Ms2.4. NEIC 07 10:58:52.6, 0.5, 33.30N:137.40E, h10km, mb4.6/5, Mw4.6(NIED), Error ellipse: s-maj=12.2km s-min=8.0km az=106.0. JMA 07 10:58:52.6, 0.1, 33.30N:137.32E, h40km, 1km, M4.1. IDC 07 10:58:53.0, 0.9, 33.30N:137.47E, h28km, 6km, mB3.8/9, mb1.4, 0.0/m1 mx3.8/22, ML3.8/1, MS3.7/9, Ms1.3/9, ms1 mx3.5/30, Error ellipse: s-maj=18.1km s-min=15.8km az=60.0. ISC 07 10:58:53.1, 0.4, 33.35N:137.33E, h28km, (h28km, 2.3km: p-P), n44, 0195/55, mb4.16, 17, MS3.7, 5C-6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Lists station names and observation times.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

MDD 07 11:02:42.8, 0.4, 38.08N, 8.34W, mBgL1.8/6, Error ellipse: s-maj=4.2km s-min=2.8km az=85.0, PRXIM0

INMG 07 11:02:42.8, 1.1, 38.07N, 8.32W, h2km, 5km, ML1.8, Error ellipse: s-maj=2.6km s-min=1.7km az=76.0

ISC 07 11:02:41.5, 0.6, 38.07N, 0.03, 8.30W, 0.05, h4km, 7km, n14, 0.652/24, Portugal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MOE Montero, PTEO Sao Teotonio, EGRO El Granado, etc.

BUI 07 11:12:27.3, 0.0, 06S, 100.24E, h182km, mB5.2, mb4.6
SYO 07 11:12:33.4, 0.6, 23N, 100.28E, h174km, MB4.8
NEIC 07 11:12:34.0, 0.2, 0.57N, 100.22E, mb4.7/11, Error ellipse: s-maj=9.8km s-min=5.4km az=53.0

IDC 07 11:12:34.0, 0.5, 0.63N, 100.28E, h184km, mb4.2/20, mb1.4, 3.2/1, mb1mx2.2/23, Error ellipse: s-maj=19.3km s-min=7.5km az=56.0

ISC 07 11:12:32.9, 0.3, 0.54N, 0.06, 100.24E, 0.07, h182km, h182km, 1.6km, pP, n76, 0.19/04/57, mb4.5/32, 1C-2D, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like KLM Kuala Lumpur, KGM Kluang, IPM Ipoh, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like USP Osenovka, CN2 Changchun, MKAR Makanchi Array, etc.

NIED 07 11:18:00, 37.40N, 138.90E, h5km, Mw3.6 Best double couple: M5.92x1014 NP1, 0.37, 85.4, 1.97. NP2, 0.204, 83.7, 1.80.

JMA 07 11:18:44.9, 37.40N, 138.93E, M3.5 Broadband fault plane solution: P waves. NP1, 0.84, 83.8, 1.58. NP2, 0.92, 87.7, 1.54. Principal axes: T P1g46, Azm65; N P1g7, Azm202; P P1g23, Azm309.

JMA Felt III J J
ISC 07 11:18:45.0, 0.7, 37.39N, 0.04, 138.95E, 0.06, h14km, 5km, n6, 0.93/212, 1C-3D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like JHK Hiroka, JHK Izumozaki, JIZ Jiz, etc.

NIED 07 11:45:00, 25.00N, 122.00E, h5km, Mw3.8 Best double couple: M5.92x1014 NP1, 0.295, 86.3, 1.50. NP2, 0.53, 84.7, 1.41.

TAP 07 11:45:52.2, 24.65N, 121.85E, h13km, ML4.0
TAP Felt III J at Suao, II J at Lan, I J at Neicheng, III J at Nanau, I J at Santia Chiao, I J, I J at Nanshan, II J at Nioudou.

JMA 07 11:45:56.0, 0.3, 25.03N, 121.99E, h35km, M3.7
ISC 07 11:45:56.1, 0.3, 24.68N, 0.02, 121.91E, 0.02, h13km, n46, 0.19/10, 1C-8D, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like TWC Suao, ILA Ilan, ILA Ilan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like NSK Taipei, TAP Taipei, TAP Taipei, etc.

IGIL 07 11:53:04.3, 28.58S, 65.83W, h0km, MS6.1
LDG 07 11:53:05.4, 0.4, 28.07S, 65.51W, h10km, Mb5.8/37, Ms6.1/9, Error ellipse: s-maj=26.8km s-min=15.4km az=76.0

IDC 07 11:53:06.0, 1.6, 28.62S, 65.64W, h21km, 8km, mb5.5/12, mb1.5/7.14, mb1mx5.7/14, ML5.4, MS6.2/15, Ms1.6/15, ms1.5/mx1.0/22, Error ellipse: s-maj=12.7km s-min=9.3km az=71.0

GUC 07 11:53:05.0, 2.8, 60S, 65.84W, h25km, ML6.3
BUI 07 11:53:06.1, 28.60S, 65.80W, h22km, mb6.4, Ms6.4, Msz6.4

SYO 07 11:53:06.1, 28.59S, 65.86W, h22km, MB6.1, MS6.1
HRVD 07 11:53:06.1, 0.1, 28.91S, 65.79W, h20km, MW6.1/72, Centroid moment tensor solution: LP body waves: s72.0, c172, mantle waves: s67.0, c113; Half duration: 2.9

Moment tensor: Scale 10^18Nm; Mr: 1.49e-02; Ms: 0.62e-02; Mw: 0.84e-02; M0: 0.45e-04; M0-0.94e-02; Ms: 0.27e-05; Best double couple: Ms: 1.68e-10/18 NP1: 0.216, 83.7, 1.80; NP2: 0.48, 85.4, 1.97; Principal axes: T 1.58, Plg79; Azm348; N 1.8, Plg6; Azm224; P 1.77, Plg9; Azm133; nst1 refers to body waves, cutoff=40s. nst2 refers to mantle waves, cutoff=125s.

NEIC 07 11:53:06.1, 0.1, 28.57S, 65.84W, mb6.1/146, ME6.3, MS6.1/88, MW6.4. Error ellipse: s-maj=3.0km s-min=2.6km az=113.0 Broadband fault plane solution: P waves. NP1: 0.40, 86.5, 1.90; NP2: 0.220, 82.5, 1.90; Principal axes: T 1.70, Azm310; N P1g0; Azm0; P P1g20; Azm130; Moment tensor solution: s51 Moment tensor: Scale 10^18 Nm; Mr: 3.35; Mw: 0.35; M0: 3.70; M0-0.29; Ms: 1.67; Mw: 0.98; Best double couple: Ms: 4.2e-10/18 NP1: 0.224, 84.7, 1.127; NP2: 0.356, 85.4, 1.57; Principal axes: T 4.13, Plg64; Azm207; N 2.2, Plg26; Azm177; P -4.33, Plg4; Azm107; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC At least one person killed, several people injured and some buildings damaged [V] at Catamarca. Felt [III] at San Juan. Felt as far east as Buenos Aires and in parts of Chile.

MOS 07 11:53:06.0, 2.4, 28.60S, 65.60W, h20km, mb6.4/41, MS6.2/17, Error ellipse: s-maj=18.8km s-min=6.9km az=109.7

ISC 07 11:53:04.5, 0.1, 28.57S, 0.02, 65.88W, 0.03, h22km, h22km, 1.1km, pP, n75.0, 0.93/485, mb6.0/177, MS6.1/114, 102C-23D, Santiago del Estero Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Code Copiapo, VACH Vallena, VACH Tololo Astron, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PMAN Manadas, ROSA Rosais, SDCO Great Sand Dun, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SCHQ Schefferville, SCHQ Parotonga, LAO LASA Array, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ELUO Luque, EADA Adamuz, PINOR Pine Mountain, etc.

Table with columns for flight codes (CTA, CTAO, GOF, etc.), destinations (Charters Tower, Alice Springs, etc.), times, and status (ePP, PKP, etc.). The table is organized into multiple columns and rows, listing various flight routes and their details.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHENHUA, National Centr, Hualien, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHN, Wuhan, Beijing, Nanjing, etc.

NIED 07 11:56:00.33, 30N, 136.90E, h5km, Mw4.3 Best double couple: M3.53x10^15 N1.9s, 175°, 87°, λ-150°. NP2: 0s75°, 862°, λ-21°.

IDC 07 11:56:31.6, 1.0, 33.37N, 137.01E, mb3.9/6, mb1 4.0/7, mb1mx3.8/23, ML3.3/1, MS3.4/3, Ms1 3.4/3, ms1mx3.3/36, Error ellipse: s-maj=31.4km s-min=18.0km az=45.0

NEIC 07 11:56:33.1±0.5, 33.37N, 136.99E, h10km, mb4.2/2, Error ellipse: s-maj=15.7km s-min=8.7km az=92.0

JMA 07 11:56:33.2±0.1, 33.34N, 136.89E, h38km, 2km, M3.7 ISC 07 11:56:32.9±0.7, 33.37N, 136.87E, 0.3, h24km, 5km, m29, m070/42, mb3.9/8, MS3.0/1, 1C-4D, Near-south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01, TK02, TK02, Kozaga, etc.

IDC 07 12:15:17.5±1.4, 28.84S, 66.09W, mb3.7/1, mb1 4.2/2, mb1mx3.9/11, ML4.3/1, Error ellipse: s-maj=73.4km s-min=29.6km az=169.0, Catamarca Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPUP, Villa Florida, CPUP, Pinedale Array, etc.

BUI 07 12:15:48.1, 34.70N, 103.93E, h9km, mb5.3, mb5.0, ML5.0, Ms5.0, Msz4.9

IDC 07 12:15:48.2±0.4, 34.76N, 103.92E, mb4.7/30, mb1 4.8/32, mb1mx4.8/33, ML4.3/2, Error ellipse: s-maj=19.1km s-min=10.7km az=52.0

NEIC 07 12:15:49.8±0.2, 34.68N, 103.78E, h10km, mb5.2/39, Error ellipse: s-maj=4.8km s-min=4.1km az=215.0

NEIC At least nineteen people injured, 800 houses damaged in Gansu Province. and more than 3,800 houses damaged in Gansu Province.

MOS 07 12:15:52.2±1.5, 34.72N, 103.90E, h40km, mb4.8/15, Error ellipse: s-maj=16.3km s-min=8.6km az=114.0

ISC 07 12:15:46.9±1.0, 34.69N, 102.103.83E, 0.03, h2km, 6km, n180, m1908/185, mb4.9/65, MS5.2/2, 5C-2D, Gansu

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

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=E,3um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

WMOQ comp=N,4um,10.0s LR LR

TAP 07 12:07:06.0, 24.67N, 121.85E, h13km, ML3.2

TAP Feil J J at Suao, I J at Ilan, I J at Nanau. JMA 07 12:07:02.0, 24.80N, 121.85E, h40km, M2.7

ISC 07 12:07:06.3±0.4, 24.66N, 121.93E, 0.02, h3km, 4km, n40, m0995/62, 3C-4D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWC, Suao, Ilan, Neicheng, etc.

BTO comp=N, 856nm, 1.0s Smax

GYA comp=E, 874nm, 1.5s Smax

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

GYA comp=N, 2um, 6.2s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

KSH comp=N, 2um, 10.0s LR LR

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like MEH, NATX, JCT, LTX, TXAR, TVO, TIAR, PMOR, PAE, OXF, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like PV10, NEN, CASY, MWC, MSU, MSJ, TPNV, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like AVNT, VNU, FINES, KAF, KAHT, SIM, etc.

Table with columns: LZH, XPKP, 12.54 15.2, PKP2, PKPab, 12.55 46.5 +0.3, etc.

NEIC 07 12:40:56.9;2.3, 37.32N;138.97E, h9km, 13km, mb4.6/2, Error ellipse: s-maj=17.0km s-min=10.3km az=87.0

NEIC Recorded [4 JMA] in Niigata and [1 JMA] in Fukushima, Gumma, Nagano and Saitama Prefectures.

JMA 07 12:40:57.5;0.2, 37.40N;139.93E, M4.3, Broadband fault plane solution: P waves: NP1:366°, 84°, 1.89°, NP2: 224°, 85°, 1.82°, Principal axes: T:Plg82°, Azm91°; N:Plg6°, Azm228°; P:Plg5°, Azm319°.

JMA Felt IV J1, IDC 07 12:41:01.1;7.2, 37.37N;138.85E, h33km, 55km, mb3.7/12, mb1 3.9/13, mb1mx3.8/23, ML3.8/1, Error ellipse: s-maj=24.3km s-min=16.0km az=89.0

ISC 07 12:40:57.2;0.5, 37.37N;138.96E;0.06, h22km, 3km, n27, 0.096/31, mb3.9/14, 1C-3D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, 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

JMA 07 12:42:42.3;0.2, 33.06N;137.07E, h43km, M3.7, IDC 07 12:42:42.9;1.1, 33.10N;137.06E;0.05, h43km, n13, 0.038/20, 5D, Near south coast of eastern Honshu

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

TIR 07 12:51:30.5, 41.67N;20.20E, h19km, M3.1, PDG 07 12:51:31.0;0.2, 41.64N;20.19E, h10km, 1km

NEIC 07 12:51:31.0;0.2, 41.64N;20.19E, h10km, ML3.5(PDG), After PDG.

THE 07 12:51:39.3, 41.41N;20.49E, h20km, ML3.4, ISC 07 12:51:31.5;0.3, 41.67N;20.20E;0.02, h14km, 2km, n48, 0.127/81, 12C-5D, Albania

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

Table with columns: NIKY, Herceg Novi, 1.48 302/1, eSg, Pg, 12.52 21.1 +1.2, etc.

ISC 07 12:56:41.3;28.05S;70.71W, h79km, mb4.2/1, After GUC, NEIC Felt [III] at Copiapo and Tierra Amarilla; [II] at Valparaiso

GUC 07 12:56:41.3;1.0, 28.05S;70.71W, h79km, 15km, ML4.6, IDC 07 12:56:42.5;8.7, 28.44S;70.36W, h64km, 71km, mb3.2/1, mb1 3.9/2, mb1mx3.5/10, ML4.3/1, Error ellipse: s-maj=75.2km s-min=50.2km az=64.0

ISC 07 12:56:41.6;0.6, 28.13S;0.04;3.0, 1.1, h70km, 9km, n22, 0.113/17, mb3.7/2, 5C-3D, Central Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, 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

ISC 07 12:56:41.3;28.05S;70.71W, h79km, mb4.2/1, After GUC, NEIC Felt [III] at Copiapo and Tierra Amarilla; [II] at Valparaiso

GUC 07 12:56:41.3;1.0, 28.05S;70.71W, h79km, 15km, ML4.6, IDC 07 12:56:42.5;8.7, 28.44S;70.36W, h64km, 71km, mb3.2/1, mb1 3.9/2, mb1mx3.5/10, ML4.3/1, Error ellipse: s-maj=75.2km s-min=50.2km az=64.0

ISC 07 12:56:41.6;0.6, 28.13S;0.04;3.0, 1.1, h70km, 9km, n22, 0.113/17, mb3.7/2, 5C-3D, Central Chile

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

JMA 07 12:58:15.2;0.1, 33.06N;137.06E, h41km, 3km, M4.0, IDC 07 12:58:17.3;1.1, 32.20N;137.82E, mb3.8/5, mb1 4.0/5, mb1mx3.7/19, Error ellipse: s-maj=24.6km s-min=23.7km az=122.0

ISC 07 12:58:15.3;0.7, 33.06N;137.07E;0.03, h48km, 12km, n23, 0.061/35, mb3.7/2, 11D, Near south coast of eastern Honshu

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

GERES GERES Array B 84.12 326 P 13 10 56.8 +0.6

JMA 07 13:15:08.9;0.1, 33.10N;137.02E, h37km, 3km, M3.6, ISC 07 13:15:09.7;1.0, 33.14N;137.01E;0.04, h37km, n16, 0.064/30, 2C-1D, Near south coast of eastern Honshu

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

IDC 07 13:24:54.7;0.7, 55.49S;28.54W, mb4.4/8, mb1 4.5/8, mb1mx4.4/13, Error ellipse: s-maj=28.0km s-min=18.7km az=39.0

NEIC 07 13:24:56.2;0.3, 55.35S;28.41W, h10km, mb4.8/6, Error ellipse: s-maj=12.0km s-min=8.4km az=53.0

ISC 07 13:24:58.2;0.6, 55.32S;0.09;28.5W;0.2, h33km, n31, 0.118/18, mb4.5/13, 5C, South Sandwich Islands region

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

IDC 07 13:33:20.8;1.5, 28.53S;65.99W, mb3.7/1, mb1 4.1/2, mb1mx3.8/10, ML3.3/1, Error ellipse: s-maj=69.5km s-min=29.1km az=173.0

NEIC 07 13:33:21.7;3.5, 28.57S;66.00W, h27km, 27km, mb3.4/1, Error ellipse: s-maj=22.1km s-min=12.7km az=69.0

ISC 07 13:33:22.8;1.1, 28.65S;0.1;65.9W;0.2, h33km, n7, 0.153/5, mb3.5/1, Santiago del Estero Province

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

PRU 07 13:58:17.3;1.5, 53N;16.10E, h2km, M2.8, Mining Induced, WAR 07 13:58:17.3;1.5, 53N;16.10E, M2.8, Mining Induced

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

JMA 07 14:12:20.9-0.6, 44.15N x 148.14E, M3.6, Kuril Islands. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 07 14:18:39.7-3.0, 13.42S x 169.82E, h663km, mb3.1/3, mb1 3.3/3, mb1mx3.0/11, Error ellipse: s-maj=70.7km, s-min=21.4km az=157.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, WB2, WRA, ASAR, ARCS.

CASC 07 14:46:25.6-1.4, 13.44N x 90.14W, h42km, 19km, MD4.0, ML4.4, 5C-15D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CUSS, SBL, RTR, SNJE, IXG, RBDL, BOQS, SNET, LFU, PCG, LFRS, LBR, LCBS, NBG, FUG, MTO, SNVI, MRL, JAT, VSM, BLLM, CAHU, CNCH.

NEIC 07 14:55:54.3, 33.92S x 72.39W, h34km, ML3.4(GUC), After GUC.

GUC 07 14:55:54.3-0.8, 33.92S x 72.39W, h34km, 3km, MD3.9, ML3.4, 2C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCCH, LNV, TACH, SFDO, RCDM, CHCH, NICH, CACH, ANTU, PCH, PEL, CLCH, CICH, FCH, JACH.

NEIC 07 15:01:42.5, 33.98S x 72.36W, h33km, ML3.8(GUC), After GUC.

GUC 07 15:01:42.5-0.6, 33.98S x 72.36W, h33km, 1km, MD3.7, ML3.8, 3C-2D, Off coast of central Chile

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCCH, TACH, SFDO, NICH, RCDM, RCDM, RCDM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHCH, CACH, ANTU, DSCH, CLCH, CLCH, CLCH.

IDC 07 15:13:49.7-3.8, 19.40S x 175.59W, mb4.3/3, mb1 4.5/3, mb1mx4.0/11, Error ellipse: s-maj=222.0km, s-min=73.7km az=165.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA, ASAR, ASAR, ASPA, WB2, WRA, FITZ, AKASO.

NEIC 07 15:34:02.8, 33.97S x 72.40W, h32km, ML3.2(GUC), After GUC.

GUC 07 15:34:02.8-0.8, 33.97S x 72.40W, h32km, 4km, MD3.8, ML3.2, 3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LNV, LCCH, TACH, SFDO, NICH, RCDM, CHCH, CACH, PIRQUE, PEL, CERO, CLCH, CLCH, CACH, LML, FCH, JACH.

NEIC 07 15:39:13.1, 33.96S x 72.28W, h2km, ML3.3(GUC), After GUC.

GUC 07 15:39:13.1-0.8, 33.96S x 72.28W, h2km, 3km, MD3.9, ML3.3, 3C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LNV, LCCH, TACH, SFDO, RCDM, CHCH, NICH, CACH, ANTU, PCH, PEL, CLCH, CACH, LML, FCH, JACH.

IDC 07 15:41:08.5-14.0, 17.38S x 177.23W, h314km, 145km, mb3.8/6, mb1 4.0/6, mb1mx3.7/12, MS3.6/2, Ms1 3.6/2,

ms1mx3.2/15, Error ellipse: s-maj=55.2km s-min=26.1km az=6.0

NEIC 07 15:41:09.1-7.5, 17.31S x 177.25W, h322km, 73km, mb4.4/5, Error ellipse: s-maj=34.2km s-min=23.1km az=167.0

ISC 07 15:41:19.8-1.6, 16.7S, 0.1 x 178.0W, 0.2, h424km, 14km, n24, c072/17, mb4.2/10, 1C-4D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF, MXZ, PUZ, URZ, MWZ, CTA, TOO, STKA, STKA, WB2, WRA, ASAR, ASPA, KLBR, MCK, ILAR, TXAR, JTS, BRTR, CLL, BRG, KHC, GERES.

IDC 07 15:50:15.4-4.7, 22.60S x 176.97W, mb3.9/3, mb1 4.1/4, mb1mx3.9/11, ML4.6/1, Error ellipse: s-maj=93.0km, s-min=64.3km az=74.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ, STKA, ASAR, ASAR, WB2, WRA.

IDC 07 16:18:50.7-0.7, 50.71S x 72.14W, mb4.6/8, mb1 4.6/9, mb1mx4.6/11, ML4.6/1, MS4.0/8, Ms1 4.0/8, ms1mx4.0/10, Error ellipse: s-maj=32.8km s-min=14.7km az=82.0

BUI 07 16:18:53.5, 51.69S x 71.46W, h25km, mb5.3, Ms4.5, Ms2.4

NEIC 07 16:18:54.6-3.5, 50.69S x 72.24W, h26km, 23km, mb5.0/5, Error ellipse: s-maj=19.3km s-min=7.2km az=90.0

HRVD 07 16:18:54.6-0.7, 51.05S x 72.53W, h14km, 2km, MW4.9/26, Centroid moment Tensor Solution. LP body waves: s8,c8; Mantle waves: s26,c37; Half duration: 0. Moment tensor: Kk1e 10^19Nm; M2-0.03-30; M3-0.30-17; M4-1.73-20; M5-1.17-4; M6-1.29-43; Best double couple: M2.53x10^16 NP1 30-32; 33-4; 130; NP2 30-166; 66S; 166; Principal axes: T2.92, Plg63; Azm38; N-79, Plg21; Azm177; P-2.13, Plg16; Azm273; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 07 16:18:57.1, 50.67S x 72.08W, h47km, MB5.1

ISC 07 16:18:50.4-3.5, 50.69S x 72.2W, 0.2, h8km, 26km, n50, c094/27, mb4.8/16, MS4.1/7, 8C-2D, Southern Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like USHA, USHA, USHA, USHA, EFI, TRQA, CPUP, CPUP, VNA3, LPAZ, LPAZ, VNA1, VNA2, SNA, GSPA, BDFB, BDFB, BAO, MAIT, SAML, SYO, SYO, SYO, OTAV, ROSC, MAW, MAW, MAW, JTS, CASY, LIC, KIC, TIC, DBIC, DBIC, TXAR, CCM, STKA, PDAR, ASAR, GERES.

Table with columns: ILAR, Eielson Array, 128.69 328 PKP, PKPdf, 16 37 58.3 -1.8, etc.

NEIC 07 16:31:35.0, 33.97S:72.35W, h37km, MD3.6(GUC), After GUC.

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

LDG 07 16:45:21.8, 0.3, 43.08N: 1.57W, h2km, Md2.2/2, Ml2.3/1, Error ellipse: s-maj=5.1km s-min=4.5km az=62.0.

STR 07 16:45:21.8, 0.7, 43.15N: 1.54W, h10km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

MDD 07 16:45:22.5, 0.7, 43.10N: 1.53W, h1km, 3km, mb4.1/4.4, Error ellipse: s-maj=3.2km s-min=3.2km az=26.0, PRXIMO

ISC 07 16:45:21.9, 1.5, 43.08N: 0.08-1.51W, 0.08, h11km, 7km, n12, c058/21, 1D, Pyrenees

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

NEIC 07 16:53:55.4, 34.07S:72.25W, h37km, MD3.9(GUC), After GUC.

GUC 07 16:53:55.4, 0.8, 34.07S:72.25W, h37km, 3km, MD3.9, ML3.1, 4D, Near coast of central Chile

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

JMA 07 17:09:42 1.0, 2.33, 20N: 137.10E, h40km, 4km, M3.7

ISC 07 17:09:42.3, 1.2, 33.21N: 0.07-137.09E, 0.04, h40km, n14, c060/25, 1D, Near south coast of eastern Honshu

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

Table with columns: JIE, Kinagashima, 1.24 327, S, P, 17 10 19.6 +0.8, etc.

WEL 07 17:14:00.8, 0.4, 38.16S:176.09E, h180km, 3km, ML3.5/6, 5C, Error ellipse: s-maj=3.5km s-min=2.9km az=0.0.

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

NIED 07 17:20:00, 32.90N: 136.70E, h5km, Mw4.3 Best double couple: M2.7x10^15 NP1:phi=338, delta=85, lambda=153. NP2:phi=71, delta=63, lambda=6.

BUJ 07 17:20:31.8, 32.02N: 136.64E, h42km, mb4.7, mb4.4, Ms4.1, Ms3.7.

NEIC 07 17:20:31.9, 0.9, 32.92N: 136.85E, h10km, mb4.3/2, Error ellipse: s-maj=23.7km s-min=13.2km az=100.0.

JMA 07 17:20:31.3, 0.1, 32.93N: 136.71E, h35km, M4.1

ISC 07 17:20:39.8, 5.6, 31.71N: 133.78E, mb3.7/5, mb1.3/9/5, mb1mx3.7/21, MS3.8/6, Ms1.3/8.6, ms1mx3.3/31, Error ellipse: s-maj=255.0km s-min=21.1km az=65.0.

ISC 07 17:20:30.9, 1.3, 33.00N: 0.04-136.74E, 0.05, h15km, 6km, n29, c077/36, m3.9/8, MS3.9/7, 4C-3D, Southeast of Shikoku

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

BJI Beijing, 17.94 299, A, MB, 17 24 43.7 +2.3

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

XAN Xi'an, 23.19 280, P, 17 25 38.0 0.0

SOM Songoing Array, 27.23 312, P, 17 26 16.4 +0.3

ZAL Zalesovo, 41.98 316, P, 17 28 25.6 +3.0

MKAN Makanchi Arr, 43.15 305, P, 17 28 32.5 +0.1

BRVK Borovoye, 50.60 314, P, 17 29 30.5 -0.4

ZRNK Zerenoda, 51.38 314, eP, 17 29 37.2 +0.4

WRA Warramunga Arr, 52.69 183, P, 17 29 45.1 -2.0

ASAR Alice Springs, 56.41 183, P, 17 30 14.2 -0.1

STOA Stephens Creek, 64.69 175, LR, 17 57 25.4

NOK NORARS Arr B, 76.36 336, LR, 18 08 37.0

EIL Elat, 63.25 301, LR, 18 12 25.8

ISC 07 17:46:20.6, 0.9, 56.49S:25.59W, mb4.6/5, mb1.4/7.5, mb1mx4.4/10, Error ellipse: s-maj=47.3km s-min=22.5km az=45.0.

NEIC 07 17:46:22.3, 0.5, 56.32S:25.60W, h10km, mb4.9/5, Error ellipse: s-maj=25.4km s-min=21.0km az=53.0.

ISC 07 17:46:24.8, 0.5, 56.16S:25.75W, 0.2, h33km, n22, c151/13, mb4.9/13, 3C-1D, South Sandwich Islands region

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

JMA 07 17:52:23.1, 0.1, 32.98N: 136.89E, h37km, M3.5

ISC 07 17:52:23.5, 1.2, 32.99N: 0.07-136.89E, 0.04, h40km, 42km, n15, c08/29, 1C-4D, Southeast of Shikoku

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

ISK 07 18:05:35.5, 38.68N: 31.22E, h5km, ML4.4

CSEM 07 18:05:38.0, 38.57N: 31.24E, h30km, mb4.5

BUJ 07 18:05:39.2, 38.70N: 31.20E, h36km, mb4.7, Ms5.1, Ms2.9

MOS 07 18:05:39.6, 1.1, 38.69N: 31.18E, h10km, mb4.4/12, Error ellipse: s-maj=8.4km s-min=4.9km az=112.3.

NIC 07 18:05:41.8, 0.3, 38.67N: 31.34E, h23km, mb4.8, ML4.5, BWC BWC, Earthquake Turkey 13 km NW Sultandagi.

NEIC 07 18:05:41.9, 0.2, 38.67N: 31.23E, h36km, 3km, mb4.5/5/2, Error ellipse: s-maj=2.8km s-min=2.0km az=215.0.

MED_RC 07 18:05:41.3, 0.2, 38.94N: 31.11E, h40km, MW4.7/21, Moment Tensor Solution. Body waves: s21, c23.

Duration: 1s0 Moment tensor: Scale 10^16Nm; Mv:0.39e+10; Mw:0.32e+08; Mww:0.06e+08; Mm:0.43e+02; Mbb:1.12e+11; Mss:0.08e+02; Best double couple: Mv:1.23x10^16 NP1: phi=354, delta=5, lambda=167. NP2:phi=90, delta=78, lambda=26. Principal axes: T:1.1, P:27, Azm315; N:26, P:62, Azm113; P: -1.36, P:9, Azm220; nsta1 refers to waves, cutoff=35s.

ISC 07 18:05:41.3, 1.6, 38.72N: 31.25E, h39km, 14km, mb4.0/15, mb1.4/2.25, mb1mx4.1/2.21, ML3.9/10, MS3.3/9/10, Ms3.3/5, mb1mx3.1/22, Error ellipse: s-maj=14.0km s-min=12.6km az=32.0.

ZUR_RM 07 18:05:41.38, 67N: 31.23E, h15km, Mw4.6/21, Moment Tensor Solution. s21 Moment tensor: Scale 10^16Nm; Mv:7.92; Mw:4.7; Mss:3.15; Mm:0.35; Mw:4.22; Mw:0.39; Best double couple: Mv:8.1x10^15 NP1:phi=234, delta=5, lambda=84. NP2:phi=46, delta=5, lambda=96. Principal axes: T:2.55, P:10, Azm320; N: -301, P:4, Azm50; P: -7.955, P:86, Azm229.

ISC 07 18:05:36.0, 0.1, 38.69N: 0.01-31.21E, 0.02, h5km, n311, c1508/331, mb4.5/59, MS3.1/5, 25C-6D, Turkey

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

ULDT	Uludag	2.17 313	iP	Pn	18 06 14.3 +1.1
ULDT			iS	Sn	18 06 45.6 +4.9
ELL	Elmali	2.19 208	PN	Pn	18 06 14.7 +1.1
ORLT	Orhaneli	2.25 308	PN	Pn	18 06 16.0 +1.6
VLV	Yalova	2.35 323	ePN	Pn	18 06 17.1 +1.2
HRT	Herakli	2.40 304	ePN	Pn	18 06 17.1 +1.6
ELDT	Eldivan	2.48 43	iP	Pn	18 06 18.7 +0.9
KIS	Akhisar	2.66 275	PN	Pn	18 06 21.1 +0.8
CANT	Cankiri	2.67 43	ePN	Pn	18 06 21.2 +0.7
BTKO	Tokmak	2.69 294	iP	Pn	18 06 21.7 +0.9
BTKO			iS	Sg	18 07 05.7 +0.1
BADT	Buyukada	2.70 324	PN	Pn	18 06 23.0 +0.7
NIG	Nigde	2.73 101	iPN	Pn	18 06 22.3 +0.9
BALB	Balikesir	2.76 291	ePN	Pn	18 06 22.6 +0.9
YER	Yerkesir	2.79 237	PN	Pn	18 06 23.5 +1.4
SAFT	Safiranbulu	2.79 24	PN	Pn	18 06 22.9 +0.7
DALT	Dalyan (Mudla)	2.80 228	PN	Pn	18 06 23.1 +0.8
AYDN	Tasoluk	2.82 250	iP	Pn	18 06 22.9 +0.4
AVNT	Avonos	2.85 87	iP	Sg	18 07 10.5 +0.6
AVNT			iS	Sn	18 06 23.4 +0.3
ISK	Istanbul-Kandi	2.89 326	PN	Sn	18 06 59.6 +1.4
BNIT	Sandirama	3.03 274	ePN	Pn	18 06 24.3 +0.7
MLSB	Milas	3.05 244	ePN	Pn	18 06 26.5 +0.7
EDC	Erdincik	3.07 304	ePN	Pn	18 06 26.7 +0.5
KDAG	Bornova	3.10 266	iP	Pn	18 06 27.0 +0.4
KDAG			iS	Sn	18 07 03.8 -0.8
IZM	Izmir	3.11 266	ePN	Pn	18 06 26.9 +0.6
IMST	Erdemli	3.13 131	iP	Pn	18 06 27.0 +0.6
IKL	Iskik	3.14 140	PN	Pn	18 06 27.6 +0.5
TOS	Tosya	3.19 42	PN	Pn	18 06 28.2 +0.3
CTT	Catalca	3.26 320	ePN	Pn	18 06 29.3 +0.5
YDZ	Yozgat	3.33 72	ePN	Pn	18 06 30.2 +0.3
BOYM	Corum	3.37 54	iP	Pn	18 06 31.9 +0.9
BDRM	Kayabasi	3.39 243	iP	Pn	18 06 31.2 +0.5
BDRM			iS	Sg	18 07 27.1 -1.8
ARG	Arkhangelos	3.48 226	eP	Pn	18 06 33.1 +1.3
AYVA	Ayvlik	3.58 281	iP	Pn	18 06 34.1 +0.8
BNN	Bunyan	3.63 86	ePN	Pn	18 06 35.6 +1.5
MFT	Murefete	3.68 306	ePN	Pn	18 06 36.0 +0.9
ALFC	Alvega	3.70 162	P	Pn	18 06 35.2 +0.2
ALFC	comp=N,9.5nm,0.7s				
ALFC			S	Sn	18 07 18.2 -1.4
AKMC	Akamass	3.76 166	P	Pn	18 06 37.3 +1.3
LPK	Lapselki	3.83 297	ePN	Pn	18 06 37.9 +0.6
MAMC	Mammari	3.86 155	P	Pn	18 06 38.3 +0.9
PRK	Paraskevi	3.89 280	iP	Pn	18 06 38.5 +0.7
BYBK	Boyabat	3.89 43	ePN	Pn	18 06 37.8 0.0
BZK	Bozkurt	3.90 32	ePN	Pn	18 06 38.4 +0.9
PCYC	Paphos	3.90 166	iP	Pn	18 06 40.3 +2.3
PCYC			iP	Pn	18 06 40.3 +2.3
BOYT	Boyabat	3.94 45	iP	Pn	18 06 38.9 +0.5
CEYT	Ceyhan	3.96 114	ePN	Pn	18 06 40.3 +1.5
CSS	Prodhromos	4.09 155	P	Pn	18 06 41.3 +0.7
CSS	comp=N,4.3nm,0.6s				
CSS			S	Sn	18 07 27.7 -1.8
SZAC	Souni-Zanaja	4.15 161	iP	Pn	18 06 42.5 +1.0
SZAC	comp=N,9.4nm,0.8s				
SZAC			S	Sn	18 07 29.9 -1.1
BOZC	Bozcaada	4.17 288	iP	Pn	18 06 42.3 +0.6
PHNC	Paralimni	4.22 148	P	Pn	18 06 43.4 +0.6
TKOT	Tokot	4.47 67	ePN	Pn	18 06 46.7 +1.1
KARP	Karpathos	4.50 227	eP	Pn	18 06 47.0 +0.5
ALN	Alexandroupoli	4.55 301	eP	Pn	18 06 47.2 +0.1
COBT	Iskenderun	4.55 117	iP	Pn	18 06 48.8 +1.5
KAHT	Ahri Dag	4.59 102	iP	Pn	18 06 49.6 +1.9
SVST	Sivas	4.59 75	ePN	Pn	18 06 49.7 +3.7
SVSK	Karacayir	4.66 73	ePN	Pn	18 06 49.2 +0.5
APE	Apeiranthos	4.77 252	eP	Pn	18 06 50.9 +0.5
LOS	Limnos	4.91 287	eP	Pn	18 06 52.7 +0.4
RDO	Rodhopi	5.00 301	eP	Pn	18 06 54.0 +0.4
RDO			eP	Pn	18 06 53.9 +0.3
GZT	Gaziantep	5.19 103	iP	Pn	18 06 57.4 +1.1
KDZ	Kurdzhali	5.33 306	iP	Pn	18 06 58.0 -0.2
PRD	Provadia	5.35 329	iP	Pn	18 06 59.0 +0.5
DIM	Dimitrovgrad	5.48 310	iP	Pn	18 06 59.5 -0.9
PSN	Presentisli	5.49 338	iP	Pn	18 07 00.0 -0.4
MALT	Malatya	5.57 92	ePN	Pn	18 07 01.5 +0.4
AOS	Alonisos	5.74 277	eP	Pn	18 07 05.0 +1.1
RZN	Rozhen	5.80 303	iP	Pn	18 07 05.0 +0.1
OUR	Ouranopolis	5.83 289	eP	Pn	18 07 05.2 +0.1
PLD	Plodiv	6.03 307	iP	Pn	18 07 07.5 -0.5
SZH	Sztrazhica	6.07 321	iP	Pn	18 07 07.0 -1.6
IDI	Anoyia	6.09 238	PN	Pn	18 07 09.4 +0.4
ELZG	Elazig	6.09 89	eP	Pn	18 07 05.6 -3.4
TLRR	Tirgusor	6.13 341	P	Pn	18 07 09.4 -0.1
PLG	Polygyros	6.23 288	eP	Pn	18 07 08.5 -2.0
XOR	Xorichti	6.28 279	eP	Pn	18 07 11.8 +0.2
SRS	Serrai	6.34 295	eP	Pn	18 07 12.1 -0.3
PVL	Pavlikeni	6.34 317	eP	Pn	18 07 12.5 0.0
PTK	Pertek	6.40 86	ePN	Pn	18 07 15.2 +2.0
SOH	Sokhos	6.42 292	eP	Pn	18 07 13.5 -0.1
MMP	Musomiste	6.42 299	iP	Pn	18 07 15.0 +1.4
HARR	Harsova	6.48 339	iP	Pn	18 07 13.9 -0.5
HARR			iP	Pn	18 07 13.9 -0.5
HRI	Mount Hermon	6.54 145	P	Pn	18 07 14.8 -0.4
KSDI	Kefar Szold	6.56 145	P	Pn	18 07 14.7 -0.9
SIM	Simferopol'	6.62 180	eP	Pn	18 07 16.6 +0.2
SIM			eS	Sn	18 08 29.0 -4.2
SIM	comp=Z,52nm,0.6s				
SIM			MLR	MLR	
EZC	Erzincan	6.77 78	ePN	Pn	18 07 14.7 -3.8
OFRI	Ofir	6.79 152	P	Pn	18 07 18.7 -0.1
KSHT	Keshet	6.81 145	P	Pn	18 07 18.8 -0.3
KNT	Kendrikon	6.85 294	eP	Pn	18 07 19.8 +0.1
LIT	Litokhoron	6.90 285	eP	Pn	18 07 20.3 -0.1
KKB	Krupnik	6.93 300	iP	Pn	18 07 20.5 -0.9
MMLI	Munt Malkishu	7.12 150	P	Pn	18 07 23.6 +0.2
GRG	Griva	7.15 291	eP	Pn	18 07 23.9 +0.1
VTS	Vitosha	7.22 305	iP	Pn	18 07 24.5 -0.4
VTS			eP	Pn	18 07 25.8 +0.3
ISR	Istria	7.31 333	iP	Pn	18 07 27.8 +1.8
ISR			iP	Pn	18 07 27.8 +1.7
HMDT	Nahal Hemdat	7.32 150	P	Pn	18 07 25.9 -0.4
KPJ	Monastery St.	7.61 300	iP	Pn	18 07 30.7 +0.4
KPJ			iP	Pn	18 07 37.7
KPJ			iP	Pn	18 07 47.7
ANN	Anapa	7.67 35	eP	Pn	18 07 25.4 -5.8
ANN			eS	Sn	18 08 50.6 -8.9
ANN	comp=Z,41nm,0.9s				
ANN			MLR	MLR	
ANN	comp=Z,122nm,9.0s				
ANN			MLR	MLR	
ANN	comp=N,135nm,8.0s				
ANN			MLR	MLR	
ANN	comp=E,230nm,11.0s				
MEV	Metsvoan	7.82 281	eP	Pn	18 07 34.1 +0.8
MLR	Muntele Rosu	7.84 332	PN	Pn	18 07 34.0 +0.5
MLR	comp=E,2.9nm,0.3s,baz=329,slow=2.2,SNR=31				
MLR			Sn	Sn	18 09 01.9 -1.8
MLR	comp=E,2.1nm,0.3s,baz=114,slow=3.3,SNR=30.2				
MLR	Muntele Rosu	7.84 332	iP	Pn	18 07 34.8 +1.3
MLR	Muntele Rosu	7.84 332	iP	Pn	18 07 34.0 +0.5
MLR					18 09 01.9
MLR	comp=Z,3.0nm,0.3s				pmx
MLR					pmx
MLR	comp=N,2.0nm,0.3s				smx
MLR	Muntele Rosu	7.84 332	iP	Pn	18 07 34.8 +1.3
FNA	Florida	7.86 289	eP	Pn	18 07 34.4 +0.6
DRGI	Dragot	7.86 153	-0	Pn	18 07 32.8 -1.0
VRI	Vrincioia	7.97 344	0.0	Pn	18 07 34.4 0.0
VRI	Vrincioia	7.90 337	iP	Pn	18 07 34.4 0.0
ASF	Jabal al Asfar	7.99 143	PN	Pn	18 07 36.0 +0.4
SOC	Sochi	8.07 50	eP	Pn	18 07 35.8 -0.9
SOC			eS	Sn	18 09 04.7 -4.6
SOC	comp=Z,19nm,1.5s				pmx
SOC					pmx
SOC	comp=N,25nm,1.0s				pmx
SOC					pmx
SOC	comp=E,8.0nm,0.5s				pmx
SOC					MLR
SOC	comp=Z,292nm,14.0s				MLR
SOC	comp=N,276nm,12.0s				MLR

SOC	comp=E,313nm,14.0s				
MZDA	Masada	8.11 154	P	P	18 07 36.4 -0.9
SKO	Skojpe	8.15 297	iP	Pn	18 07 39.4 +1.6
SKO			P	P	18 10 10.0
KZIT	Kziot	8.19 160	iP	P	18 07 37.9 -0.5
BARS	Barje	8.23 303	iP	P	18 07 38.6 -0.4
KIS	Kishinev	8.49 349	eP	Sn	18 07 40.3 +0.5
KIS			iS	Sn	18 09 15.0 -4.8
KIS	comp=N,600nm,1.0s				smx
KIS	comp=E,400nm,1.0s				smx
KIS	comp=N,600nm,1.0s				smx
KIS	comp=E,400nm,1.0s				MLR
KIS	comp=Z,300nm,10.0s				MLR
KIS	comp=Z,500nm,10.0s				MLR
BOLS	Boljovac	8.65 309	iP	P	18 07 43.9 -0.9
ZFRI	Zfiri	8.75 157	P	P	18 07 45.1 -1.0
PRNI	Paran	8.88 158	P	P	18 07 46.2 -1.8
SVIS	Svoljajac	9.35 310	iP	P	18 07 53.3 -1.2
GRUS	Gruzica	9.45 307	iP	P	18 07 53.5 -2.4
EIL	Elat	9.51 160	PN	Pn	18 07 54.0 -2.7
EIL	comp=Z,0.5nm,0.3s,baz=326,slow=2.0,SNR=5.8				
EIL					
KMPD	K-Podol'skiy	10.45 342	P	P	18 08 09.0 -0.6
ZEI	Tsey	10.46 63	eP	P	18 08 10.0 +0.3
GOF	Gofitskoye	10.87 50	iP	P	18 08 16.5 +1.2
GOP	comp=Z,40nm,1.4s				pmx
TIF	Timpagrade	11.27 277	eP	P	18 08 19.1 -1.7
AKASG	Malin Array Be	12.09 354	PN	Pn	18 08 28.0 -3.9
AKASG	comp=Z,7.0nm,0.3s,baz=167,slow=12,SNR=36				
AKASG	comp=Z,4.0nm,0.3s,baz=185,slow=23,SNR=5.4				Sn
AKASG	Malin Array Be	12.09 354	P	P	18 08 28.0 -3.9
AKASG					18 10 37.1
AKASG	comp=Z,7.0nm,0.3s				pmx
AKASG					pmx
AKASG	comp=N,4.0nm,0.3s				smx
KOLS	Kolonice sedl	12.10 331	eP	P	18 08 31.9 0.0
KOLS			eP	P	18 08 40.9
PSZ	Piszkesteto	12.36 322	eP	P	18 08 35.4 0.0
KWP	Kalwaria	12.52 334	eP	P	18 08 40.3 +2.7
KWP			eP	P	18 08 36.7 -0.9
VAE	Valguenera	13.29 270	PN	Pn	18 08 49.2 +1.3
VAE	comp=N,0.3nm,0.3s,baz=42,slow=19,SNR=2.7				
PTQR	Pietraruja	13.98 289	eP	P	18 09 01.7 +4.7
OJC	Ojcow	14.10 329	eP	P	18 08 58.3 -0.1
OJC			L		18 15 40.0
OKC	Ostrava-Krasne	14.53 324	L		
VRAC	Vranov	14.92 320	PN	Pn	18 09 12.4 +3.3
VRAC	comp=N,0.3nm,0.3s,baz=127,slow=12,SNR=7.2				
PTCCO	Patocco-Chiusa	15.23 306	eP	P	18 09 19.1 +5.7
WAR	Warsaw	15.30 336	eP	P	18 09 19.7 +5.5
MOA	Moatone	15.34 312	iP	P	18 09 21.2 +6.5
KBA	Koelnbreinspiz	15.52 308	iP	P	18 09 22.2 +5.1
PGD	Poggio Sio	15.53 296	eP	P	18 09 24.3 +7.0
VMG	Vidma	15.68 296	eP	P	18 09 25.9 +6.8
DPC	Dobruska-Polom	15.73 323	eP	P	18 09 23.0 +3.2
DPC			L		18 16 40.0
RST	Umm Al-Ruwaihs	15.95 120	eP	AMB	18 09 21.8 -1.0
RST			AMB	AMB	18 09 31.4
UPC	Upeice	1			

Table with columns: PKI, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PKI, ZAK, SONM, BOD, FRB, YAK, KMI, HIA, GYA, SCHQ, etc.

NIED 07 18:36:00, 33.30N, 137.20E, h11km, Mw5.5. Best double couple: M2.06x10^17 N1.0x92^, delta34^, lambda75^.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TK01, TK02, TK03, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NJ2, Nanjing, KLR, etc.

CLZ	Clausthal	83.33 330	eP	P	18 48 47.3	0.0
SVIS	Svilajnac	83.33 319	iP	P	18 48 47.4	-0.1
DJNS	Zahran al Janu	83.44 287	P	P	18 48 49.3	+0.7
EIL	Eilat	85.45 301	P	P	18 48 48.4	0.0
EIL	comp-Z,34nm,1.2s,mb5.2,baz=31.1,slow=2.8,SNR=18					
EIL	Eilat	83.45 301	eP	P	18 48 48.3	-0.1
SOP	Sopron	83.48 324	iP	P	18 48 48.7	-4.4
HOPC	Hopovo Monaste	83.53 321	eP	P	18 48 48.1	-0.4
ALWS	Ihw as Safahya	83.57 301	P	P	18 48 49.5	+0.5
NKC	Novy Kostel	83.61 328	iP	P	18 48 48.9	+0.2
NKC			eS	S	18 59 12.4	+3.5
NKC			ex	SS	19 04 46.0	+7.4
NKC			LR	SS	19 29 40.0	
NKC	comp-Z,3.2nm,14.1s					
NKC	Novy Kostel	83.61 328	iP	P	18 48 48.9	+0.2
NKC			eS	S	18 59 12.4	+3.5
NKC			MLR	MLR		
JMOS	Jabal al Moall	83.62 301	P	P	18 48 49.8	+0.5
MMB	Musomiste	83.66 316	iP	P	18 48 50.0	+0.8
MOX	Moxa	83.68 329	iP	P	18 48 49.1	0.0
MOX	comp-Z,logA/T=1.8,mb5.7					
MOX			S	S	18 59 14.0	+4.4
MOX			SS	SS	19 04 33.0	-6.5
MOX			SS	SS	19 30 07.0	
MOX	Moxa	83.68 329	eP	P	18 48 49.1	0.0
MOX	comp-Z,99nm,1.6s,mb5.7					
MOX			MLR	MLR		
MOX	comp-Z,2um,19.0s,MSS.4					
MOX	Moxa	83.68 329	eP	P	18 48 49.1	0.0
MOX	comp-Z,99nm,1.6s,mb5.7					
MOX			LR	LR		
HAQS	Haql	83.81 301	P	P	18 48 50.7	+0.4
BLUS	Baljurashi	83.82 290	P	P	18 48 51.4	+0.9
KRC	Krupnik	83.85 317	iP	P	18 48 50.0	-0.2
GRUZ	Gruza	83.86 319	iP	P	18 48 49.5	+0.1
KHC	Kasperske Hory	83.89 327	iP	P	18 48 50.3	+0.1
KHC			x	x	18 48 59.5	
KHC			eS	SS	18 59 15.3	+3.6
KHC			ex	SS	19 04 49.2	+6.7
KHC			LR	LR	19 11 11.2	
KHC			ex	SS	19 30 00.0	
KHC	comp-Z,4.3nm,15.2s					
KHC	Kasperske Hory	83.89 327	iP	P	18 48 50.3	+0.1
KHC			eS	S	18 48 59.5	
KHC			MLR	MLR	18 59 15.3	+3.6
KHC			LR	LR		
KHC	comp-Z,4um,15.2s,MSS.9					
KHC	Kasperske Hory	83.89 327	iP	P	18 48 50.3	+0.1
KHC			eS	S	18 48 59.5	
KHC			SS	SS	19 04 49.2	+6.7
KHC			LR	LR	19 11 11.2	
KHC	comp-Z,4um,15.2s,MSS.9					
MSU	Marysvalde	83.90 48	eP	P	18 48 51.8	+1.3
NEN	Nelson	83.93 511	eP	P	18 48 50.9	+0.1
BARS	Barje	83.96 318	iP	P	18 48 51.1	+0.3
GECC	GERESS Array S	84.03 326	eP	P	18 48 50.9	0.0
GECC			pmx	pmx		
GECC	comp-Z,103nm,1.5s,mb5.7					
GECC	GERESS Array S	84.03 326	eP	P	18 48 50.9	0.0
GERES	comp-Z,103nm,1.5s,mb5.7					
GERES	GERESS Array B	84.03 326	P	P	18 48 50.8	-0.2
GERES	comp-Z,16nm,0.8s,mb5.2,baz=225,slow=3.8,SNR=89					
GERES					19 07 06.0	
BDAS	Al Bad'	84.04 300	P	P	18 48 52.1	+0.7
SRS	Serrai	84.04 316	eP	P	18 48 50.5	+0.1
KPJ	Monastery St.	84.05 317	iP	P	18 48 52.0	+0.8
AYUS	'Ayunah	84.05 300	P	P	18 48 51.9	+0.3
PFO	Pinyon Flat Ob	84.07 541	eP	P	18 48 51.1	-0.4
PFO			pmx	pmx		
PFO	comp-Z,67nm,1.5s,mb5.5					
PFO			MLR	MLR		
PFO	comp-Z,240nm,21.0s,MSS.4					
PFO	Pinyon Flat Ob	84.07 541	eP	P	18 48 51.1	-0.4
PFO	comp-Z,67nm,1.5s,mb5.5					
PFO			LR	LR		
LDFC	Land'io	84.10 521	eP	P	18 48 51.4	-0.2
TAYS	Tayyib Ism	84.14 300	P	P	18 48 52.1	+0.1
YNBS	Yanbu' al Bahr	84.18 295	P	P	18 48 52.5	+0.3
UMTS	Umm Lajj	84.19 296	P	P	18 48 53.0	+0.7
WET	Wetzell	84.20 327	eP	P	18 48 51.8	0.0
WET			pmx	pmx		
WET	comp-Z,98nm,1.5s,mb5.7					
WET	Wetzell	84.20 327	eP	P	18 48 51.8	0.0
WET	comp-Z,98nm,1.5s,mb5.7					
ARSA	Arzberg	84.29 324	iP	P	18 48 52.5	+0.2
SOH	Sokhos	84.31 316	eP	P	18 48 52.4	-0.4
KNT	Kendrikon	84.41 316	eP	P	18 48 51.8	-1.3
BAR	Barrett	84.47 54	eP	P	18 48 53.3	-0.2
MOA	Molin	84.47 325	iP	P	18 48 53.5	+0.3
MOA	comp-Z,165nm,1.7s,mb5.9					
VAY	Valandovo	84.50 317	iP	P	18 48 53.5	0.0
LTHS	Al Lith	84.54 291	P	P	18 48 54.7	+0.5
SBU	San Rafael	84.54 461	eP	P	18 48 54.2	+0.5
GRA1	Grafenberg Arr	84.55 328	eP	P	18 48 53.8	+0.3
GRA1	comp-Z,296nm,1.5s,mb5.2					
GRA1			eS	S	18 59 17.0	-1.2
GRA1			LR	LR		
GRF	Grafenberg Arr	84.55 328	eP	P	18 48 53.8	+0.3
GRF			eS	S	18 59 17.0	-1.2
GRF			pmx	pmx		
GRF	comp-Z,296nm,1.5s,mb5.2					
GRF			MLR	MLR		
GRFO	Grafenberg	84.55 328	P	P	18 48 53.9	+0.4
ULM	Lac du Bonnet	84.57 31	P	P	18 48 53.0	-0.6
ULM	comp-Z,41nm,1.1s,mb5.5,baz=335,slow=4.2,SNR=13					
ULM			LR	LR	19 29 21.7	
NVSS	Nova Varos 2	84.68 320	iP	P	18 48 54.8	+0.4
WTSB	Winterswijk	84.69 332	iP	P	18 48 54.0	-0.2
THE	Thessaloniki	84.72 316	eP	P	18 48 54.5	0.0
SKO	Skojpe	84.73 318	iP	P	18 48 55.5	+0.9
GRG	Griva	84.83 316	eP	P	18 48 55.0	-0.2
GROS	Grobnik	84.85 324	iP	P	18 48 54.7	-0.4
GROS			eP	PP	18 52 19.5	+6.2
RSSD	Black Hills	84.97 39	eP	P	18 48 55.4	-0.4
RSSD			pmx	pmx		
RSSD	comp-Z,10.0nm,0.7s,mb5.0					
RSSD			MLR	MLR		
RSSD	comp-Z,580nm,19.0s,MSS.0					
RSSD	Black Hills	84.97 39	eP	P	18 48 55.4	-0.4
RSSD	comp-Z,9.6nm,0.7s,mb5.0					
RSSD			LR	LR		
RSSD	comp-Z,580nm,19.0s,MSS.0					
SISC	Sisak	85.10 323	iP	P	18 48 56.6	+0.2
FRSS	Farasan al Kab	85.11 267	P	P	18 48 58.4	+1.4
LIT	Litokhoron	85.13 316	eP	P	18 48 57.2	-0.5
XOR	Xorichti	85.39 315	eP	P	18 48 57.8	-0.1
KBA	Koelnbreinsper	85.46 325	iP	P	18 48 57.7	-0.4
EKA	comp-Z,226nm,2.5s,mb5.9					
EKA	Eskdalemuir Ar	85.48 339	P	P	18 48 57.6	-0.4
EKA	comp-Z,3.7nm,0.6s,mb4.7,baz=229,slow=5.4,SNR=7.6					
EKA	Eskdalemuir Ar	85.48 339	P	P	18 48 57.6	-0.4
EKA			pmx	pmx		
ESK	Eskdalemuir	85.51 339	P	P	18 48 57.4	-0.7
ESK			MLR	MLR		
ESK	comp-Z,200nm,20.0s,MSS.4					
SIND	Sindeldorf	85.51 329	iP	P	18 48 57.9	-0.4
FNA	Florina	85.54 317	eP	P	18 48 58.2	-0.5
LJU	Ljubljana	85.62 324	iP	P	18 48 58.5	-0.5
LJU			eP	PP	18 52 19.8	+0.3
LJU			eS	S	18 59 28.0	-0.9
LJU	Ljubljana	85.62 324	iP	P	18 48 58.5	-0.5
LJU			eP	PP	18 52 19.8	+0.3
LJU			eS	S	18 59 18.0	-1.1
FUR	Furstenfeldbru	85.64 327	eP	P	18 48 59.0	0.0
FUR			pmx	pmx		
FUR	comp-Z,264nm,1.6s,mb5.2					
FUR	Furstenfeldbru	85.64 327	eP	P	18 48 59.0	0.0
VISS	Visnje	85.64 324	iP	P	18 48 58.1	-1.0
VISS			eS	S	18 59 28.1	-1.0
VISS			e	e	19 00 21.8	
VISS			e	e	19 00 34.7	
OHrid		85.65 317	iP	P	18 48 58.7	-0.5
TOD	Tromm	85.66 329	iP	P	18 48 58.9	-0.2
TOD	Tromm	85.66 329	eP	P	18 48 59.0	-0.1
SDH	Schriesheim	85.80 329	eP	P	18 48 59.4	-0.3
SHW	Heidenheim	85.81 328	iP	P	18 48 59.4	-0.4
PV10	Paradox Valley	85.90 46	eP	P	18 49 01.9	+1.2
HGN	Heimansgroeve	85.97 331	eP	P	18 49 00.0	-0.5
HGN	comp-Z,38nm,1.1s,mb5.5					
HGN	Heimansgroeve	85.97 331	eS	S	18 59 29.1	-3.0
ABH	Alteburg	85.99 330	iP	P	18 49 00.3	-0.4
FVI	Favri Avoltri	86.00 325	eP	P	18 49 00.2	-0.9
GMNA	Gemona	86.09 325	eP	P	18 49 00.5	-0.7
WATA	Walderalm	86.11 326	iP	P	18 49 01.2	-0.1
STU	Stuttgart	86.12 328	eP	P	18 49 00.9	-0.5
STU			pmx	pmx		
STU	comp-Z,110nm,1.2s,mb5.0					
STU	Stuttgart	86.12 328	eP	P	18 49 00.9	-0.4
STU	comp-Z,107nm,1.2s,mb5.0					
WTTA	Wattenberg	86.13 326	iP	P	18 49 00.9	-0.6
WTTA	comp-Z,426nm,3.6s					
PPT	Papeete	86.17 114	eS	S	18 59 32.4	-2.3
PPT			eSS	SS	19 05 07.5	-1.0
PPT			eL	eL	19 11 41.2	
PPT			eR	eR	19 15 21.0	
PPT	comp-Z,818nm,24.8s,baz=307					
KTD	Kalmit	86.19 329	eP	P	18 49 01.4	-0.3
WUAZ	Wupatki	86.25 501	eP	P	18 49 02.8	+0.4
MEV	Metsvovon	86.28 316	eP	P	18 49 03.4	+1.1
BUCH	Buchbrach	86.29 328	iP	P	18 49 03.2	-0.5
MOTA	Moosalm	86.32 327	iP	P	18 49 02.2	-0.2
MOTA	comp-Z,36nm,1.5s,mb5.4					
RUP	Ruppelstein	86.33 330	eP	P	18 49 02.2	-0.2
RUP	Ruppelstein	86.33 330	eP	P	18 49 02.0	-0.4
PV01	Paradox Valley	86.34 46	eP	P	18 49 03.2	-0.9
SOTA	Sankt Quirin	86.36 326	iP	P	18 49 02.4	-0.2
SOTA	comp-Z,38nm,1.5s,mb5.4					
LBG	Lerchenberg	86.37 329	iP	P	18 49 02.4	-0.2
NVLJ	Novaja	86.50 323	iP	P	18 49 01.8	-1.5
UBR	Ubrach	86.59 316	eP	P	18 49 02.9	-0.5
LANF	Lanzenberg	86.56 329	eP	P	18 49 03.5	0.0
GUT	Gutenstein	86.68 328	iP	P	18 49 03.5	-0.6
SPAK	Spaichingen	86.80 328	iP	P	18 49 04.1	-0.6
BFO	Black Forest	86.83 329	eP	P	18 49 04.2	-0.7
BFO			pmx	pmx		
BFO	comp-Z,68nm,1.4s,mb5.7					
BFO	Black Forest	86.83 329	eP	P	18 49 04.2	-0.7
BFO	comp-Z,68nm,1.4s,mb5.7					
DAVA	Damuels	86.92 327	iP	P	18 49 05.0	-0.3
DAVA	comp-Z,214nm,2.0s,mb5.8					
GIVF	Givet	86.93 332	eP	P	18 49 04.6	-0.7
GIVF						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BDFB, CPUP, Villa Florida, etc.

ISK 07 18:48:08.8, 38.67N-31.19E, h4km, MD3.5, ML3.6
IDC 07 18:48:12.4, 38.94N-31.32E, mb3.4/1, mb1 3/4, 2, mb1mx3.2/18, ML4.0/1, Error ellipse: s-maj=74.4km, s-min=30.7km az=28.0

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

NNC 07 18:56:06.8, 5.1, 37.14N-68.67E, mpv4.0, Error ellipse: s-maj=47.5km s-min=35.0km az=134.0
ISC 07 18:55:59.2, 0.9, 36.21N-0.05, 69.9E, 0.2, h168km, 17km, n21, 0.556/25, 3C-2D, Hindu Kush region

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

JMA 07 18:58:17.5, 0.1, 32.94N-136.75E, h39km, 3km, M3.6
ISC 07 18:58:18.2, 1.6, 33.01N-0.08, 136.74E, 0.05, h28km, 13km, n12, 0.42/22, 4C-1D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWZ, TK02, JKN, etc.

LDG 07 19:02:59.8, 0.0, 45.97N-2.79E, h2km, Md2.8/3, Ml2.6/30, Error ellipse: s-maj=0.8km s-min=0.8km az=102.0
NEIC 07 19:02:59.8, 45.97N-2.79E, h2km, Ml2.7(STR), Ml2.2(LDG), After LDG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PYM, Petit Puy Mans, CLERMONT-FERRA, etc.

WEL 07 19:38:17.2, 1.0, 35.60S-178.55E, h250km, 10km, ML3.6/3, Error ellipse: s-maj=26.7km s-min=17.7km az=90.0, Off east coast of North Island

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

NIED 07 19:42:00.33, 40N, 136.80E, h5km, Mw4.2 Best double couple: M1.9x10^15 N1:P166, 84, -138, NP2:P70, 84, -8

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

IDC 07 19:54:51.4, 61.0, 14.66S-170.29W, mb4.0/3, mb1 4.2/3, s-min=200.8km az=79.0, Samoa Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEZF, Maizieres J'vi, MBDF, etc.

IDC 07 19:35:21.2, 1.3, 33.15N-0.07, 137.19E, 0.05, h41km, 26km, n15, 0.50/29, 2C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, Stephens Creek, WB2, etc.

WEL 07 19:38:17.2, 1.0, 35.60S-178.55E, h250km, 10km, ML3.6/3, Error ellipse: s-maj=26.7km s-min=17.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK01, Tokai 1, JWZ, etc.

IDC 07 19:42:00.33, 40N, 136.80E, h5km, Mw4.2 Best double couple: M1.9x10^15 N1:P166, 84, -138, NP2:P70, 84, -8

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

IDC 07 19:54:51.4, 61.0, 14.66S-170.29W, mb4.0/3, mb1 4.2/3, s-min=200.8km az=79.0, Samoa Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, Stephens Creek, WB2, etc.

IDC 07 20:07:44.4, 3.3, 19.65S-172.14W, mb4.0/3, mb1 4.3/3, s-min=32.6km az=157.0, Tonga Islands region

Table with columns: FINES, FINESS Array B, PKP, PKPdf, 20 43 22.2 +1.0, etc. Lists various station names and their associated data.

Table with columns: CDF, CDF, 2.7nm,0.3s, SFTF, SFTF, 2.91 192, etc. Lists various station names and their associated data.

Table with columns: MKAR, MKanchi Array, 50.54 325, P, P, 20 46 59.0 -1.3, etc. Lists various station names and their associated data.

IDC 07 20:29:43.0, 0.9, 51.58N: 176.98W, mb4.0/8, mb1 4.2/8, mb1mx3.9/23, Error ellipse: s-maj=30.7km s-min=23.2km az=144.0

NEIC 07 20:29:49.7, 51.36N: 176.76W, h32km, mb4.3/1, ML4.0(AEIC), After AEIC.

ISC 07 20:29:49.8, 0.8, 51.6N: 0.1x176.79W:0.08, h61km, g6km, n27, -0.84/29, mb4.1/8, Anconof Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, ISC. Lists station names like Kanaga Island, KIWIB, etc.

MAN 07 20:37:55.8, 8.85N: 122.66E, h196km, mb4.9, ML3.8, MS3.8

NEIC 07 20:38:05.9, 0.4, 9.23N: 122.22E, mb4.9/4, Error ellipse: s-maj=13.2km s-min=6.2km az=62.0

HRVD 07 20:38:05.9, 1.3, 9.14N: 122.30E, h51km, MW4.8/35, Centroid moment tensor solution. LP body waves: s6;c6;

Man: 1.72x10^16 Np1^30s341^851^1, 49^2. NP2: 215^5, 554^1, 129^2. Principal axes: T: 1.8, Plg59^2, Azm186^1; N: -17, Plg31^2, Azm10^1; P: -1.64, Plg2^2, Azm279^1; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 07 20:38:05.9, 0.6, 9.29N: 122.30E, h53km, mb3.5/9, mb1 3.7/9, mb1mx3.6/14, MS3.5/2, Ms1 3.6/2, ms1mx3.0/24

Error ellipse: s-maj=45.3km s-min=10.5km az=62.0

ISC 07 20:38:0.8, 0.9, 9.23N: 10.6E: 122.27E, 0.07, h50km, 10km, h51km, g6km, p-P, A4Z', 0.095/27, mb4.0/12, MS3.5/1, 5C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists station names like Sibulan, Anini-y, etc.

LDG 07 20:30:46.6, 0.1, 51.07N: 5.91E, h5km, ML2.8/22, Error ellipse: s-maj=1.6km s-min=1.0km az=158.0

NEIC 07 20:30:46.6, 51.07N: 5.91E, h5km, ML2.8(LDG), After LDG.

BNS 07 20:30:46.7, 0.6, 51.08N: 5.93E, h6km, 10km, ML2.1 BGR 07 20:30:46.0, 0.7, 51.06N: 5.93E, h10km, ML2.3/2, 2C-10, The Error ellipse: s-maj=12.2km s-min=3.3km az=120.0, The Netherlands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists station names like Heimgsgroeve, Kalitalsperre, etc.

MAN 07 20:44:29.3, 9.22N: 122.15E, h32km, mb4.0, ML2.8, MS2.5, IC, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists station names like Sibulan, Dipolog City, etc.

MDD 07 20:55:24.0, 4.0, 37.58N: 7.93W, h9km, 15km, mbL1.2/5, SNN SOLLUCIN

INMG 07 20:55:24.0, 7.0, 37.58N: 7.92W, ML0.6, Error ellipse: s-maj=1.7km s-min=1.2km az=40.0

ISC 07 20:55:23.6, 0.9, 37.57N: 0.05: 7.92W: 0.05, h9km, n9, 0.0563/11, Portugal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists station names like EGRO, EGro, PALC, etc.

NIED 07 21:02:00.33, 40N: 137.20E, h8km, Mw4.4 Best double couple: M4.13x10^15 Np1^30s188^890^1, 82^2. NP2: 209^95^68^1, 177^2

IDC 07 21:02:08.7, 0.9, 33.68N: 137.35E, mb3.8/7, ms1 3.9/8, mb1mx3.7/23, ML3.3/41, MS3.3/41, Ms1 3.3/1, Ms1 3.3/1, ms1mx2.6/26, Error ellipse: s-maj=32.5km s-min=17.1km az=48.0

NEIC 07 21:02:11.2, 0.8, 33.54N: 137.10E, h10km, mb4.3/2, Error ellipse: s-maj=20.6km s-min=12.2km az=106.0

JMA 07 21:02:11.4, 0.1, 33.41N: 137.19E, h41km, 2km, M3.8

ISC 07 21:02:11.7, 0.9, 33.42N: 0.04: 137.17E: 0.03, h32km, 7km, n29, -0.71/42, mb3.8/9, 5C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists station names like Tokai 1, Tokai 2, etc.

7d 27h

2005 SEP

206

IDC 07 22:11:54.9.6.3, 7.68S, 118.28E, h131km, 108km, mb3.3/2, m=1 3.4/3, mb1mx3.1/14, ML3.6/1, Error ellipse: s-maj=190.0km s-min=67.8km az=27.0, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, STKA Stephen Creek.

STR 07 22:06:54.6.0.2, 42.89N, 0.22E, h10km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 07 22:06:55.4.0.1, 42.90N, 0.24E, h2km, M1.6/2, M11.7/2, Error ellipse: s-maj=2.32km s-min=1.2km az=173.0, ISC 07 22:06:54.9.0.6, 42.92N, 0.05, 0.26E, 0.03, h2km, n8, r1511/15, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EPF Esparros, RESF Ens, VIEF View, MELF Melles, ETSF Etsaut, SALF Salau, MTLF Montolieu, LASF Ste Croix.

LDG 07 22:06:52.6.0.3, 17.56S, 168.29E, h10km, Mb4.7/2, Error ellipse: s-maj=42.1km s-min=23.3km az=33.0, IDC 07 22:07:06.8.1.2, 17.85S, 168.46E, h123km, 8km, mb4.2/12, mb1 4.3/12, mb1mx4.3/16, MS4.3/1, Ms1 4.3/1, ms1mx3.1/17, Error ellipse: s-maj=21.1km s-min=17.7km az=140.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BKM Butte a Klehm, DZM Mont Dzumac, DZM Mont Dzumac, DZM Port Laguerre, NOUC Port Laguerre, NOUC Port Laguerre, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower.

BUJ 07 22:07:07.4, 18.13S, 168.12E, h134km, mb5.1, mb4.9, NEIC 07 22:07:08.2.1.5, 17.88S, 168.48E, h138km, 13km, mb4.7/12, Error ellipse: s-maj=12.8km s-min=9.6km az=178.0, SYO 07 22:07:12.0, 17.98S, 168.50E, h173km, MB4.7, ISC 07 22:07:07.6.0.8, 17.97S, 0.06, 168.39E, 0.08, h143km, 7km, h124km, 4km, p-P, n129, r0590/48, mb4.5/25, 15C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BKM Butte a Klehm, DZM Mont Dzumac, DZM Mont Dzumac, DZM Port Laguerre, NOUC Port Laguerre, NOUC Port Laguerre, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower.

HEL 07 22:45:27.2.0.4, 55.88N, 19.96E, ML2.4, ML2.9(UPP), IDC 07 22:45:29.5.2.5, 56.05N, 19.91E, mb1 3.5/4, mb1mx3.3/19, ML3.1/4, Error ellipse: s-maj=23.4km s-min=12.2km az=2.0, ISC 07 22:45:24.9.1.1, 55.96N, 0.07, 20.22E, 0.09, n19, r157/31, Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GOTU Gotland, GOTU Explosion, BYXU Byxelkrok, BLEU Blekinge, OSKU Oskarshamn, BSH Bornholm Skovb, BSD Bsd, BSK Vikbolandet, NVNU Nynehamn, LNKU Linköping, DEL Delara, NRTU Nortalje, HFS Hagfors, HFS Hfs, HFS Hfs, PVF Pernaja, PVF Pernaja, PVF Pernaja, PVF Pernaja.

JMA 07 22:34:29.5.0.1, 33.03N, 137.05E, h41km, 3km, M3.7, ISC 07 22:34:30.1.1.2, 33.03N, 0.07, 137.04E, 0.04, h42km, 26km, n16, r0561/31, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TOK1 Tokai 1, TOK2 Tokai 2, TOK2 Tokai 2, JWZ Kozaga, JWZ Kozaga, JKN Kikajashi, JIE Ise, TK04 Tokai 4, TK04 Tokai 4, JWM Minabe, JWW Kouya, JWW Kouya, JWW Kouya, JWS Tsu 2, JWS Tsu 2, JHE Heguri, JHE Heguri, JHE Heguri, SHZ Shizuoka 3, SHZ Shizuoka 3, JAI Aioi, JAI Aioi, JWI Wachi, JWI Wachi, JWN Shimob, JWN Shimob, JYAT MAT, JYAT MAT, JYAT MAT, JYAT MAT.

ARCES ARCESS Array B 123.64 345 PKP PKPdf 22 25 47.7 -0.1, ARCES ARCESS Array B 123.64 345 PKP PKPdf 22 25 47.7 -0.1, KMB0 Kilima Mbingo 128.32 354 PKP PKPdf 22 26 00.1 +1.8, KAF Kangansiem 128.59 238 PKP PKPdf 22 25 57.1 -0.3, FINES FINES Array B 129.11 338 PKP PKPdf 22 25 58.9 +0.4, AKASO Matin Array B 134.00 325 PKP PKPdf 22 26 07.4 -0.5, NOA NORSAR Array B 134.02 345 PKP PKPdf 22 26 08.7 +1.1, KHC Kasperke Hory 142.84 332 PKP PKPdf 22 26 19.0 -0.7, GERES GERES Array B 143.00 332 PKHP PKPdf 22 26 21.6, MOA Molin 143.46 330 I/P PKPbc 22 26 24.1 +0.5, KBA Koelnbreinsper 144.45 330 I/P PKPbc 22 26 26.4 -0.1, DCN Croghan 144.54 356 I/P PKPbc 22 26 26.7 +0.1, BOJS Bojanci 144.60 327 I/P PKPbc 22 26 27.7 +0.6, VISS Visnje 144.61 327 I/P PKPbc 22 26 27.4 +0.3, WATA Walden 145.07 332 I/P PKPbc 22 26 28.6 +0.7, WTTA Wattenberg 145.10 332 I/P PKPbc 22 26 28.9 +1.0, MOTA Moosalm 145.28 333 I/P PKPbc 22 26 28.4 +0.2, SOTA Sankt Quirin 145.32 332 I/P PKPbc 22 26 29.7 +1.4, GIVET Givet 145.34 341 ePKP1 PKPbc 22 26 29.1 +0.3, BAIF Baif 145.56 342 ePKP1 PKPbc 22 26 30.0 +0.6, DAVA Damuels 145.85 334 I/P PKPbc 22 26 31.4 +2.2, CDF Champ du Feu 145.97 337 ePKP1 PKPbc 22 26 31.3 +0.9, HINF Hinteralf 146.32 337 ePKP1 PKPbc 22 26 32.8 +0.8, HAU Haudomper 146.64 338 ePKP1 PKPbc 22 26 33.1 +1.1, MEZFF Maizieres J'vi 146.66 340 ePKP1 PKPbc 22 26 33.6 +1.6, TIP Timpagrande 147.55 316 ePKPbc PKPbc 22 26 35.5 +4.3, AQU L'Aquila 147.69 324 ePKPbc PKPbc 22 26 36.8 +4.4, TRAV Travers 147.91 330 ePKP1 PKPbc 22 26 37.0 +4.4, CABF La Chapelle 147.91 337 ePKP1 PKPbc 22 26 37.3 +4.7, VALM Valm 147.93 330 P PKPbc 22 26 36.5 +3.8, FLN La Foliniere 147.98 346 ePKP1 PKPbc 22 26 36.4 +3.7, LBD La Druitiere 148.06 346 ePKP1 PKPbc 22 26 36.4 +3.6, BACM BACM 148.07 330 P PKPbc 22 26 36.7 +3.7, CODM CODM 148.09 330 P PKPbc 22 26 36.8 +3.8, VINC Vinca 148.13 330 P PKPbc 22 26 36.5 +3.5, TRAV Travers 148.16 334 P PKPbc 22 26 37.0 +4.4, GRR Gorron 148.42 346 ePKP1 PKPbc 22 26 37.6 +4.2, SSF Saint Saulge 148.43 340 ePKP1 PKPbc 22 26 38.1 +4.7, LSD Ceresole Reale 148.45 334 P PKPbc 22 26 39.0 +5.5, HYL Humbigny 148.52 341 ePKP1 PKPbc 22 26 38.2 +4.6, LYP Walden 148.57 335 ePKP1 PKPbc 22 26 39.0 +5.3, LPL La Plagne 148.58 335 ePKP1 PKPbc 22 26 39.1 +5.4, RSG Reno Superiore 148.65 334 P PKPbc 22 26 38.2 +4.3, SMF Signal de Mont 148.69 339 ePKP1 PKPbc 22 26 38.5 +4.6, AVF Avril sur Loir 148.74 340 ePKP1 PKPbc 22 26 38.5 +4.6, FENE Fenestrelle 148.83 334 P PKPbc 22 26 39.1 +5.0, BHB Bricherasio 148.90 334 P PKPbc 22 26 38.0 +3.8, SGMF Saint Gilles 148.91 348 ePKP1 PKPbc 22 26 38.8 +4.6, ROSF Rostrenen 148.96 349 ePKP1 PKPbc 22 26 39.9 +4.7, BNI Bardonecchia 148.97 334 ePKPbc PKPbc 22 26 40.0 +5.7, FIN Finale Ligure 148.99 332 P PKPbc 22 26 38.5 +4.1, RSC Cesana Torines 149.03 334 P PKPbc 22 26 39.9 +5.5, ROU Rourent 149.07 332 P PKPbc 22 26 39.0 +4.4, BGF Bois d'Angland 149.09 340 ePKP1 PKPbc 22 26 39.7 +5.2, RORO RORO 149.12 332 P PKPbc 22 26 39.2 +4.6, MBDF Montbard 149.20 334 ePKP1 PKPbc 22 26 40.0 +5.3, PZZ Prazzo 149.24 333 P PKPbc 22 26 39.0 +4.2, MONE Monesi 149.29 332 P PKPbc 22 26 39.6 +4.7, ENR Entraque 149.32 333 P PKPbc 22 26 39.0 +4.1, QUIV Quistin 149.34 349 ePKP1 PKPbc 22 26 39.6 +4.8, VALD La Vallée 149.35 333 P PKPbc 22 26 39.4 +4.4, STV St Anna Valdi 149.35 333 P PKPbc 22 26 39.4 +4.4, IMI Imperia 149.36 332 P PKPbc 22 26 39.9 +4.9, ORIF Oris-en-Rattie 149.41 335 ePKP1 PKPbc 22 26 40.9 +5.9, NEGI Negi 149.49 332 P PKPbc 22 26 40.1 +5.0, TCF Toulx Ste Croi 149.53 341 ePKP1 PKPbc 22 26 40.8 +5.6, SBF Sospel 149.60 332 ePKP1 PKPbc 22 26 40.8 +5.4, PGF Piogioia 149.88 329 ePKP1 PKPbc 22 26 41.7 +5.9, MFF Saint Martin d 149.92 344 ePKP1 PKPbc 22 26 41.5 +9.1, VIVF Saint-Julien-l 149.93 337 ePKP1 PKPbc 22 26 41.9 +6.1, FRF La Foret Royal 150.19 333 ePKP1 PKPbc 22 26 42.2 +5.9, SMRF Simiane la Rot 150.31 334 ePKP1 PKPbc 22 26 43.1 +6.7, LMR La Moure 150.33 433 ePKP1 PKPbc 22 26 42.9 +6.3, RJF Les Rejaudoux 150.63 341 ePKP1 PKPbc 22 26 43.4 +6.5, CAF Calvac 150.79 340 ePKP1 PKPbc 22 26 43.9 +6.8, LASF Ste Croix 150.90 337 ePKP1 PKPbc 22 26 44.3 +7.0, LFF La Frestale 151.19 342 ePKP1 PKPbc 22 26 44.8 +7.1, MTLF Montlieux 151.23 338 ePKP1 PKPbc 22 26 46.9 +7.7, EPF Esparros 153.04 340 ePKP1 PKPbc 22 26 48.7 +8.3, SJTF Ste Jean 153.43 343 ePKP1 PKPbc 22 26 50.0 +9.0, ETSF Etsaut 153.44 342 ePKP1 PKPbc 22 26 50.1 +9.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARCES ARCESS Array B, KMB0 Kilima Mbingo, KAF Kangansiem, FINES FINES Array B, AKASO Matin Array B, NOA NORSAR Array B, KHC Kasperke Hory, GERES GERES Array B, MOA Molin, KBA Koelnbreinsper, DCN Croghan, BOJS Bojanci, VISS Visnje, WATA Walden, WTTA Wattenberg, MOTA Moosalm, SOTA Sankt Quirin, GIVET Givet, BAIF Baif, DAVA Damuels, CDF Champ du Feu, HINF Hinteralf, HAU Haudomper, MEZFF Maizieres J'vi, TIP Timpagrande, AQU L'Aquila, TRAV Travers, CABF La Chapelle, VALM Valm, FLN La Foliniere, LBD La Druitiere, BACM BACM, CODM CODM, VINC Vinca, TRAV Travers, GRR Gorron, SSF Saint Saulge, LSD Ceresole Reale, HYL Humbigny, LYP Walden, LPL La Plagne, RSG Reno Superiore, SMF Signal de Mont, AVF Avril sur Loir, FENE Fenestrelle, BHB Bricherasio, SGMF Saint Gilles, ROSF Rostrenen, BNI Bardonecchia, FIN Finale Ligure, RSC Cesana Torines, ROU Rourent, BGF Bois d'Angland, RORO RORO, MBDF Montbard, PZZ Prazzo, MONE Monesi, ENR Entraque, QUIV Quistin, VALD La Vallée, STV St Anna Valdi, IMI Imperia, ORIF Oris-en-Rattie, NEGI Negi, TCF Toulx Ste Croi, SBF Sospel, PGF Piogioia, MFF Saint Martin d, VIVF Saint-Julien-l, FRF La Foret Royal, SMRF Simiane la Rot, LMR La Moure, RJF Les Rejaudoux, CAF Calvac, LASF Ste Croix, LFF La Frestale, MTLF Montlieux, EPF Esparros, SJTF Ste Jean, ETSF Etsaut.

JMA 07 22:34:29.5.0.1, 33.03N, 137.05E, h41km, 3km, M3.7, ISC 07 22:34:30.1.1.2, 33.03N, 0.07, 137.04E, 0.04, h42km, 26km, n16, r0561/31, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TOK1 Tokai 1, TOK2 Tokai 2, TOK2 Tokai 2, JWZ Kozaga, JWZ Kozaga, JKN Kikajashi, JIE Ise, TK04 Tokai 4, TK04 Tokai 4, JWM Minabe, JWW Kouya, JWW Kouya, JWW Kouya, JWS Tsu 2, JWS Tsu 2, JHE Heguri, JHE Heguri, JHE Heguri, SHZ Shizuoka 3, SHZ Shizuoka 3, JAI Aioi, JAI Aioi, JWI Wachi, JWI Wachi, JWN Shimob, JWN Shimob, JYAT MAT, JYAT MAT, JYAT MAT, JYAT MAT.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

BNS 07 22:41:07.0.1.5, 49.41N, 7.01E, h1km, ML1.7, LDG 07 22:41:05.7.0.1, 49.36N, 6.91E, h1km, MD2.6/4, ML2.6/14, Error ellipse: s-maj=1.3km s-min=0.9km az=78.0, Suspected Mining induced, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WLF Walferdange, WLF Walferdange, BGG Burgeltz, BGG Burgeltz, CDF Champ du Feu, CDF Champ du Feu, WLS Welschbruch, WLS Welschbruch, ECH Echery, ECH Echery, STB Steinbach, STB Steinbach, THEF They Montfort, THEF They Montfort, KLL Kalltalsperre, KLL Kalltalsperre, BFO Black Forest, BFO Black Forest, HAU Haudomper, HAU Haudomper, MEZFF Maizieres J'vi, MEZFF Maizieres J'vi, MOF Molkenrain, MOF Molkenrain, HINF Hinteralf, HINF Hinteralf, HGN Heimstaggrovee, HGN Heimstaggrovee, HGN Givet, HGN Givet, GIVF Givet, GIVF Givet, GIVF Givet, GIVF Givet, BAIF Baives, BAIF Baives, BAIF Baives, BAIF Baives, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, SSF Saint Saulge, SSF Saint Saulge, SSF Saint Saulge, SSF Saint Saulge, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, HYF Humbigny, HYF Humbigny, BGF Bois d'Angland, BGF Bois d'Angland, KHC Kasperke Hory, KHC Kasperke Hory, KHC Kasperke Hory, KHC Kasperke Hory, TCF Toulx Ste Croi, TCF Toulx Ste Croi, TCF Toulx Ste Croi, TCF Toulx Ste Croi, LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, SGMF Saint Gilles, SGMF Saint Gilles, SGMF Saint Gilles, SGMF Saint Gilles.

HEL 07 22:45:27.2.0.4, 55.88N, 19.96E, ML2.4, ML2.9(UPP), IDC 07 22:45:29.5.2.5, 56.05N, 19.91E, mb1 3.5/4, mb1mx3.3/19, ML3.1/4, Error ellipse: s-maj=23.4km s-min=12.2km az=2.0, ISC 07 22:45:24.9.1.1, 55.96N, 0.07, 20.22E, 0.09, n19, r157/31, Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GOTU Gotland, GOTU Explosion, BYXU Byxelkrok, BLEU Blekinge, OSKU Oskarshamn, BSH Bornholm Skovb, BSD Bsd, BSK Vikbolandet, NVNU Nynehamn, LNKU Linköping, DEL Delara, NRTU Nortalje, HFS Hagfors, HFS Hfs, HFS Hfs, PVF Pernaja, PVF Pernaja, PVF Pernaja, PVF Pernaja.

JMA 07 22:34:29.5.0.1, 33.03N, 137.05E, h41km, 3km, M3.7, ISC 07 22:34:30.1.1.2, 33.03N, 0.07, 137.04E, 0.04, h42km, 26km, n16, r0561/31, 6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TOK1 Tokai 1, TOK2 Tokai 2, TOK2 Tokai 2, JWZ Kozaga, JWZ Kozaga, JKN Kikajashi, JIE Ise, TK04 Tokai 4, TK04 Tokai 4, JWM Minabe, JWW Kouya, JWW Kouya, JWW Kouya, JWS Tsu 2, JWS Tsu 2, JHE Heguri, JHE Heguri, JHE Heguri, SHZ Shizuoka 3, SHZ Shizuoka 3, JAI Aioi, JAI Aioi, JWI Wachi, JWI Wachi, JWN Shimob, JWN Shimob, JYAT MAT, JYAT MAT, JYAT MAT, JYAT MAT.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

MAN 07 22:58:22.4, 17.58N, 120.33E, h26km, mb4.1, ML2.9, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, ABRA Dolores, PIP Pasuquin, PIP Pasuquin, BCPH Conner, BCPH Conner, BPVP Baguio City Da, BPVP Baguio City Da, BCPH Bolinao, BCPH Bolinao, CVP Callao Caves, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan.

Table with 5 columns: SGP, Mt. Cagua, 1.76 68 eP, Pn, 22 58 52.0 +0.2, 22 58 59.1 +1.3

MDD 07 23:05:15.3;3.2, 40.19N;14.22W, mb3.4/6, Error ellipse: s-maj=29.4km s-min=20.8km az=90.0, PRXIMO SOLUCIN POBRE

INMG 07 23:05:16.6;0.6, 40.16N;14.72W, h10km, ML1.7, Error ellipse: s-maj=8.6km s-min=4.0km az=78.0, ISC 07 23:05:17.6;1.7, 40.22N;0.17, 13.8W;0.1, h10km, n9, +f121/17, North Atlantic Ocean

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PTOM Tomar, ELOB Lobios, ELOB Badajoz, PTEO Sao Teotonio, PCBR Castelo Branco, EBAD Badajoz, EBAD Calabar, EGRO El Granado, EPON Pontonova, EPON Mina Concepcion.

HEL 07 23:29:07.1;0.1, 67.85N;20.30E, ML1.5, ML2.3(UPP), ML1.9(BER), Explosion BER 07 23:29:07.7;3.5, 67.82N;20.22E, ML1.9, Suspected explosion

ISC 07 23:29:05.4;0.5, 67.81N;0.03, 20.21E;0.09, n17, +f18/18/27, Sweden

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KUA Kurraavaara, NIKU Nikkalaureka, DUNU Dundret, MASU Masungnsbyn, KIF Kilpisjarvi, PAJU Pajala, ERTU Ertsjearvi, KTK1 Kautokeino, TRO Tromso, SGF Sodankyl, LOF Lofoten, MORB Mol Rana, KEV Kevo, OUL Oulu, MSF Maaselka, NSNS Namsos, KJN Kajaani.

NIED 07 23:34:00.33, 80N;142.30E, h8km, Mw4.2 Best double couple: M2.51x10^15 NP1;171, +856, -106. NP2: 6;19, -837, -167

MOS 07 23:34:29.5;2.3, 33.70N;142.20E, h33km, mb4.3/8, Error ellipse: s-maj=32.2km s-min=17.7km az=116.7, IDC 07 23:34:29.4;0.7, 33.74N;142.20E, mb4.1/14, mb1.4/2.15, mb1mx4.2/2.1, ML3.9/1, MS3.4/6, Ms1.3/1.6, ms1mx3.1/3.1, Error ellipse: s-maj=19.1km s-min=16.6km az=98.0

JMA 07 23:34:31.9;0.3, 33.76N;142.31E, h63km, M4.0, Error ellipse: s-maj=19.1km s-min=16.6km az=98.0

BUI 07 23:34:33.1, 32.80N;142.04E, h61km, mb4.9, mb4.9, NEIC 07 23:34:36.1;1.4, 33.72N;142.16E, h47km;12km, mb4.5/4, MW4.2(NIED), Error ellipse: s-maj=13.2km s-min=8.6km az=83.0

ISC 07 23:34:30.5;1.7, 33.72N;0.04;142.25E;0.05, h19km;12km, n57, +f19/6/63, mb4.2/2, MS3.5/3, Off east coast of Honshu

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, BSO4 Boso 4, JHU2 Mitsune, JHU3 Hachioji jima 2, JHU4 Odawara 2, JHO Hitachi, JYN Shimob, JAG Ashikaga, JRY Ryogami san, JRY Matsushiro, JFT Kawachi, JFT Marumori, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, MAT Asahikawa, JOW Kunigami, HHC Kunigami, HHC Hu-ho-hao-te, HHC Baotou, XAN Xi'an, XAN Xi'an, SONM Songino Array, ZAK Zakamensk, CMAR Chiang Mai Arr.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Urumqi, WMQ Urumqi, ZAL Zalesovo, ZAL Zalesovo, ZAL Zalesovo, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Kurchatov, ILAR Eielson Array, ILAR Eielson Array, BRVK Ebrovye, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ZRNK Zerenda, ZRNK Zerenda, ASAR Alice Springs, ARU Arti, FINES FINES Array B, FINES FINES Array B, AKASA Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, BRTR Keskin Array B, PV10 Paradox Valley, CLL Collin, GERESS GERESS Array B, ANMO Albuquerque, TXAR Lajitas Array, SAML Samuel, IDC 08 00:30:51.9;3.4, 55.14S;29.09W, mb4.3/1, mb1.4 4.5/1, mb1mx3.8/9, MS3.5/1, Ms1.3 5/1, ms1mx3.1/9, 1C-D, South Sandwich Islands region

IDC 08 00:30:51.9;3.4, 55.14S;29.09W, mb4.3/1, mb1.4 4.5/1, mb1mx3.8/9, MS3.5/1, Ms1.3 5/1, ms1mx3.1/9, 1C-D, South Sandwich Islands region

IDC 08 00:44:39.1;1.0, 55.27S;28.45W, mb4.5/1, mb1.4 4.5/1, mb1mx4.2/10, MS4.1/5, Ms1.4 0/5, ms1mx3.8/10, Error ellipse: s-maj=91.9km s-min=22.7km az=48.0

NEIC 08 00:44:45.0;4.2, 55.07S;28.07W, h45km;39km, mb4.7/6, Error ellipse: s-maj=27.8km s-min=10.1km az=53.0

ISC 08 00:44:46.1;6.4, 55.15S;0.1x28.1W;0.3, h74km;62km, n21, +f086/14, mb4.4/9, 1C-2D, South Sandwich Islands region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, PMSA Palmer Station, GSPA South Pole Qui, CPUP Villa Florida, ILAR Eielson Array, SONM Songino Array, BDFB Brasilia, LVC Limon Verde, SBA Scott Base, LPAZ La Paz, SAML Samuel, CASY Casey, DBIC Dimbokro, STKA Stephens Creek, ESCD Seneca Array, ASAR Alice Springs, ZRNK Zerenda, ILAR Eielson Array, SONM Songino Array, NIED 08 01:07:00.23, 40N;121.70E, h35km, Mw3.6 Best double couple: M3.31x10^14 NP1;332, 678, -124. NP2;667, 866, -166, TAP 08 01:07:47.8, 23.32N;121.60E, h26km, ML4.0, TAP TEL I J at Lidau, Shilin, I J at Lidau, ISC 08 01:07:49.9;0.2, 23.38N;121.69E, h84km, M3.6, ISC 08 01:07:47.0;4.2, 23.30N;0.02;121.68E;0.02, h18km;4km, n49, +f08/80, 7C-9D, Taiwan

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CHKT Chengkung, CHKT Chengkung, TWFI Yuli, TWFI Yuli, EHY Hungye, EHY Hungye, ESL Shilin, ESL Shilin, ELDTW Lidau, ELDTW Lidau, HWA Hwalien, HWA Hwalien, TWG Pinlang, TWG Pinlang, TWD Chiawan, TWD Chiawan, ALS Alishan, ALS Alishan, STVT Taoyuan, STVT Taoyuan, SMTT Sun Moon Lake, SMTT Sun Moon Lake, TYC Yuchr, TYC Yuchr, CHNS Tsauling, CHNS Tsauling, ECL Taimali, ECL Taimali, WTP Taipei, WTP Taipei, WTP Tsausahan, WTP Tsausahan, CHN4 Nanshi, CHN4 Nanshi, CHN1 Nanshi, CHN1 Nanshi, WNT Mingjian, WNT Mingjian, WNT Gukung, WNT Gukung, WSK Sandimen, WSK Sandimen, SSD ENA, SSD ENA, ENA Nanau, ENA Nanau, NNS Nan Shan, NNS Nan Shan, NNS Chiayi, NNS Chiayi, CHY Anshuo, CHY Anshuo, SGLT Jiouru, SGLT Jiouru, TCU Taichung, TCU Taichung, TWC Suao, TWC Suao, SCZT Fongliang, SCZT Fongliang, CHN8 Yijiu, CHN8 Yijiu, NSY Sanyi, NSY Sanyi, NSK Sanguang, NSK Sanguang, NSK Ta-ch'eng, NSK Ta-ch'eng, TWCT Neichung, TWCT Neichung, NSTT Nanjuang, NSTT Nanjuang, NSTT Hsiaoiluechiu, NSTT Hsiaoiluechiu, HEN Hengchun, HEN Hengchun, TWK1 Hengchun, TWK1 Hengchun, TWK1 Muya, TWK1 Muya, TOA Yonaguni jima, TOA Yonaguni jima, YOJ Santiao Chiao, YOJ Santiao Chiao, TWB1 Wu-fen Shan, TWB1 Wu-fen Shan, NWF Kuangyinsanhan, NWF Kuangyinsanhan, WDSI Dunglei, WDSI Dunglei, PNG Penghu, PNG Penghu, HATJ Hateruma jima, HATJ Hateruma jima, HATJ Iriomote-Funau, HATJ Iriomote-Funau, IRIF Kuro-shima, IRIF Kuro-shima, JKRS Ishigaki jima, JKRS Ishigaki jima, JIJ Tarama, JIJ Tarama, JIJ Tarama, JIJ Tarama

LDG 08 01:30:12.8;0.1, 45.97N;2.80E, h2km, Md2.2/2, Md2.2/26, Error ellipse: s-maj=0.9km s-min=0.8km az=122.0

NEIC 08 01:30:12.8, 45.97N;2.80E, h2km, ML2.5(STR), ML2.2(LDG), After LDG.

STR 08 01:30:12.8;0.2, 45.95N;2.80E, h5km;1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 08 01:30:10.4;0.3, 45.98N;0.01;2.80E;0.02, h2km, n36, +f160/71, France

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like AGO Saint Agoulin, AGO Saint Agoulin, PYM Petit Puy Mans, PYM Petit Puy Mans, VNEFR Veureuvel, VNEFR Veureuvel, TCF Toulx Ste Croi, TCF Toulx Ste Croi, PLDF La Plantade, PLDF La Plantade, BGF Bois d'Agland, BGF Bois d'Agland, FRNF Fournols, FRNF Fournols, COLF Collanget, COLF Collanget, LBL Lubilhac, LBL Lubilhac, AVF Avril sur Loir, AVF Avril sur Loir, SMF Signal de Mont, SMF Signal de Mont, RJF Les Rejaudoux, RJF Les Rejaudoux, COLF Calviac, COLF Calviac, CAF CAF, CAF CAF, SSF Saint Saulege, SSF Saint Saulege, HYF Humblygny, HYF Humblygny, VIVF Saint-Julien-F, VIVF Saint-Julien-F, VIVF VIVF, VIVF VIVF, LFF La Frestale, LFF La Frestale, STC St Croix, STC St Croix, MFF Saint Martin d, MFF Saint Martin d, MFF MFF, MFF MFF, CABF La Chapelle, CABF La Chapelle, CABF CABF, CABF CABF, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, MTLF Montlieux, MTLF Montlieux

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

NEIC 08 07:03:02.7, 41.84S:172.72E, h93km, ML4.1(WEL), After WEL

Main table listing station data for NEIC 08 07:03:02.8, 0.2, 41.83S:172.74E, h91km, 2km, ML4.2/9, 3C-3D. Includes stations like THZ Tophouse, DSZ Denniston Nort, WEL Wellington, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 08 07:43:23.0, 1.0, 34.91S:70.22W, mb4.2/5, mb1 4.3/7, mb1mx4.2/12, ML4.1/2, MS3.7/3, Ms1 3.7/3, ms1mx3.4/18, Error ellipse: s-maj=31.9km s-min=26.5km az=88.0

NEIC 08 07:43:23.4, 35.01S:70.52W, h3km, mb4.3/2, ML4.3(GUC), After GUC

GUC 08 07:43:23.4, 35.01S:70.52W, h3km, 2km, MD4.2, ML4.3

Main table listing station data for IDC 08 07:43:23.1, 0.4, 35.07S:70.41W, 0.04, h3km, n47, c0917.6, mb4.2/7, MS3.6/1, 10C-12D, Chile-Argentina border region. Includes stations like SFDO San Fernando, LNLV Longovio, etc.

INMG 08 07:51:29.6, 0.6, 37.79N-8.87W, h11km, 2km, ML1.3, Error ellipse: s-maj=3.3km s-min=1.5km az=93.0

ISC 08 07:51:29.0, 1.4, 37.80N, 0.04, 8.8W, 0.1, h0km, 8km, n10, c0817/16, 1D, Portugal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PTEO Sao Teotónio, PBEJ Beja, MOE Montemor, etc.

IDC 08 08:05:58.5, 0.8, 34.01S:72.20W, mb4.5/5, mb1 4.6/7, mb1mx4.4/12, ML4.2/2, MS4.3/2, Ms1 4.3/2, ms1mx3.7/16, Error ellipse: s-maj=29.8km s-min=24.9km az=88.0

NEIC 08 08:06:00.8, 34.00S:72.40W, h3km, mb4.6/11, ML4.7(GUC), After GUC

NEIC Felt [III] at Curico and Los Quenes; [II] at Santiago. GUC 08 08:06:00.8, 1.0, 34.00S:72.40W, h3km, 3km, ML4.7

ISC 08 08:06:00.2, 0.9, 34.01S:72.42W, 0.04, h18km, 6km, n63, c0916/11, mb4.6/18, MS4.5/1, 11C-SD, Near coast of central Chile

Main table listing station data for INMG 08 08:05:58.5, 0.8, 34.01S:72.20W, mb4.5/5, mb1 4.6/7, mb1mx4.4/12, ML4.2/2, MS4.3/2, Ms1 4.3/2, ms1mx3.7/16, Error ellipse: s-maj=29.8km s-min=24.9km az=88.0. Includes stations like LLCH Lillole, LNLV Longovio, etc.

IDC 08 07:20:52.9, 2.1, 13.25S:179.10E, mb4.0/3, mb1 4.4/3, mb1mx3.9/12, MS3.8/6, Ms1 3.8/6, ms1mx3.6/14, Error ellipse: s-maj=268.0km s-min=31.5km az=157.0, Fiji Islands region

MDD 08 07:51:29.8, 1.0, 37.80N-8.84W, mbLg1.5/4, Error ellipse: s-maj=8.7km s-min=3.5km az=100.0, PRXIMO

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WWT Waverly, GD2L Guadalupe Moun, WMOK Wichita Moun, etc.

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

IDC 08 08:25:42.6: 1.1, 34.10Sx72.42W, mb4.0/2, mb1 4.3/4, mb1mx4.1/12, ML4.0/2, Error ellipse: s-maj=54.1km

NEIC 08 08:25:45.7: 0.7, 33.98S:72.26W, h4km, ML4.2(GUC), After GUC.

GUC 08 08:25:45.7: 0.7, 33.98S:72.26W, h4km, ML4.2(GUC), After GUC.

Main table of station data for Chile, including stations like Lillole, Longovilo, Las Cruces, etc.

IDC 08 08:29:26.1: 2.6, 10.73N:86.27W, mb4.0/1, mb1 4.5/1, mb1mx3.7/17, Error ellipse: s-maj=119.0km s-min=15.1km

CASC 08 08:29:32.1: 2.0, 10.94N:86.04W, h27km, ML4.1, MW4.0

IDC 08 08:29:31.4: 0.8, 10.89N:03.86E, h2km, ML3.6(GUC), After GUC.

Table of station data for Chile, including stations like Concepcion, Vista de Mar, Apoyo, etc.

Table of station data for Argentina, including stations like JuntasAbangare, Copalente, Copalente, etc.

IDC 08 08:39:44.6: 0.6, 34.99S:70.63W, h11km, ML3.3(GUC), After GUC.

GUC 08 08:39:44.6: 0.6, 34.99S:70.63W, h11km, ML3.3(GUC), After GUC.

Table of station data for Chile-Argentina border region, including stations like San Fernando, Los Niches, etc.

IDC 08 08:53:25.9: 1.6, 6.46N:126.29E, mb3.9/6, mb1 4.0/6, mb1mx3.8/20, Error ellipse: s-maj=112.0km s-min=19.2km

NEIC 08 08:53:27.0: 1.0, 6.48N:126.55E, h10km, mb4.3/4, Error ellipse: s-maj=66.2km s-min=12.5km az=70.0

IDC 08 08:53:33.1: 1.1, 6.34N:108.126.4E, 0.1, h73km, 10km, n17, r121/19, mb3.8/10, 1D, Mindanao

Table of station data for Mindanao, including stations like Mati, General Santos, Kidapawan, etc.

NEIC 08 08:53:40.3: 34.99S:70.62W, h6km, ML3.6(GUC), After GUC.

NEIC Felt [III] at Los Quenes and [III] at Curico.

GUC 08 08:53:40.3: 0.6, 34.99S:70.62W, h6km, ML3.6(GUC), After GUC.

Table of station data for Chile-Argentina border region, including stations like San Fernando, Los Niches, etc.

Table of station data for Chile, including stations like Cerro Calan, Farellones, Chillan, etc.

MDD 08 09:01:06.0: 5.0, 3.36N:4.98W, h11km, mbLg2.5/19, Error ellipse: s-maj=3.1km s-min=2.4km az=12.0, PRXIMO

INMG 08 09:01:06.6: 1.1, 36.96N:4.98W, h11km, ML2.6, Error ellipse: s-maj=2.5km s-min=2.0km az=12.0

ISC 08 09:01:04.0: 0.5, 37.17N:0.03S, 0.1W:0.02, h1km, 3km, n31, r157/55, 3C-1D, Spain

Main table of station data for Chile, including stations like Lija, Malaga-Limoner, EMJ, etc.

IDC 08 09:18:28.3: 0.9, 34.01S:72.22W, mb4.2/3, mb1 4.3/5, mb1mx4.1/12, ML3.8/2, MS3.8/5, Ms1 3.7/5, ms1mx3.5/13, Error ellipse: s-maj=37.6km s-min=26.7km az=94.0

GUC 08 09:18:31.5: 0.7, 34.01S:72.31W, h35km, 1km, MD4.1, ML4.4

NEIC 08 09:18:31.5: 34.01S:72.31W, h35km, ML4.4(GUC), After GUC.

GUC. ISC 08 09:18:30.1.1.0.34.015.0.042.74.10.05.h21km5.5km, n37,0.63/44,mb4.1/3,MS3.9/4,10C-11D,Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the GUC event.

HEL 08 09:30:21.4.0.3, 67.68N:34.26E, ML2.1, ML2.2(BER), ML2.4(NAO), Explosion. NAO 08 09:30:24.6.2.8, 67.74N:33.77E, ML2.4. ISC 08 09:30:20.3.1.4, 67.70N:0.05:34.2E.0.2.n11,0.08/22, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the ISC 08 09:50:00.1.5.9.20.97S:169.61E, mb3.6/3, mb1 3.8/3, mb1mx3.7/9, Error ellipse: s-maj=206.0km s-min=47.7km az=140° event.

ISC 08 09:50:01.1.3.8.22.5S:0.5:170.3E.0.2, h59km27km, n6, 0.36/77, mb3.7/3, 1D, Southeast of Loyalty Islands. JMA 08 10:11:56.2.0.2, 37.40N:138.93E, M3.2 Broadband fault plane solution: P waves. NP1:φ84°,δ38°,λ153°. NP2:φ196°,δ74°,λ55°. Principal axes: TPlg49°, Azm36°; NPlg33°, Azm207°; PPlg21°, Azm312°.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the ISC 08 10:11:56.2.0.2, 37.40N:138.93E, M3.2 event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the ISC 08 10:28:57.0.6.1, 49.01S:121.61E, mb3.9/2, mb1 4.2/2, mb1mx3.8/8, MS3.8, M1 3.7/6, ms1mx3.6/11, Error ellipse: s-maj=404.0km s-min=76.2km az=104.0°, Western Indian-Antarctic Ridge.

ISC 08 10:47:44.6.1.1, 0.03N:125.36E, mb3.6/4, mb1 3.8/4, mb1mx3.7/5, Error ellipse: s-maj=135.0km s-min=20.5km az=67.0°. NEIC 08 10:47:47.0.7.0.0, 0.08N:125.53E, h15km, mb4.2/2, Error ellipse: s-maj=141.0km s-min=10.5km az=67.0°, Northern Maloua Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the NEIC 08 10:51:50.8.1.3, 4.49S:153.60E, h15km, mb4.4/3, Error ellipse: s-maj=37.3km s-min=23.1km az=114.0° event.

NEIC 08 10:51:50.8.1.3, 4.49S:153.60E, h15km, mb4.4/3, Error ellipse: s-maj=37.3km s-min=23.1km az=114.0°. IDC 08 10:53:05.6.16.1.0, 5.05S:149.62E, h626km, 153km, mb3.1/5, mb1 3.2/5, mb1mx3.0/12, Error ellipse: s-maj=202.0km s-min=28.2km az=81.0°. ISC 08 10:51:48.7.1.3, 4.5S:0.2:153.6E.0.3, h10km, n9,0.08/85/9, mb4.1/8, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the ISC 08 10:55:07.2.33.99S:72.30W, h34km, ML3.1(GUC), After GUC event.

ISC 08 10:55:07.2.33.99S:72.30W, h34km, ML3.1(GUC), After GUC. GUC 08 10:55:07.2.0.7, 33.99S:72.30W, h34km, 2km, MD3.6, ML3.1, SC-6D, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the GUC 08 10:55:07.2.0.7, 33.99S:72.30W, h34km event.

ISC 08 11:00:16.2.0.5, 15.17S:173.44W, mb5.1/15, mb1 5.3/16, mb1mx3.3/17, ML4.9/11, MS5.4/14, Ms1 5.4/14, ms1mx5.4/15, Error ellipse: s-maj=23.4km s-min=14.2km az=140.0°. CSEM 08 11:00:17.2, 15.29S:172.69W, h2km, mb5.6. SYO 08 11:00:17.8, 15.20S:173.40W, h10km, MS6.6, MS5.6. BJI 08 11:00:17.1, 15.10S:173.91W, h5km, mb5.9, mb5.5, Ms5.6, Ms2.5.

NEIC 08 11:00:18.4.2.9, 15.15S:173.43W, h13km, 17km, mb5.6/66, ME5.5, MS5.6/16, MW5.8, Error ellipse: s-maj=7.1km s-min=3.5km az=137.0°. Moment Tensor Solution. s57 Moment tensor: Scale 1017N; M1:3.63; M2:3.12; M3:0.51; M4:3.35; M5:1.00; M6:0.76; Best double couple: M4:9.107; NP1:φ112°,δ23°,λ97°. NP2:φ285°,δ67°,λ87°. Principal axes: T:5.03, Plg68°, Azm189°; N:-1.19, Plg3°, Azm286°; P:-4.84, Plg22°, Azm177°. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

HRVD 08 11:00:18.5.0.1, 15.03S:173.04W, h12km, MW5.9/76, Centroid moment Tensor Solution. LP body waves: s7c2,160; Mantle waves: s7c,170; Half duration: 2s1 Moment tensor: Scale 1017N; M1:3.63; M2:3.12; M3:0.51; M4:3.35; M5:1.00; M6:0.76; Best double couple: M4:9.107; NP1:φ112°,δ23°,λ97°. NP2:φ285°,δ67°,λ87°. Principal axes: T:5.03, Plg68°, Azm189°; N:-1.19, Plg3°, Azm286°; P:-4.84, Plg22°, Azm177°. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

MOS 08 11:00:20.5.0.9, 15.09S:173.41W, h33km, mb5.8/43, MS5.5/19 Error ellipse: s-maj=17.0km s-min=7.5km az=57.0°. ISC 08 11:00:17.0.1.0, 15.17S:0.03:173.42W.0.04, h13km, 74C-11, 2km, pp-P, n697, 0.093/298, mb5.4/105, MS5.5/53, 74C-11, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the ISC 08 11:00:17.0.1.0, 15.17S:0.03:173.42W event.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Taravau, Waiju Caves, Kuatoumu, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like comp=Z,44nm,2.0s,mb5.0, comp=Z,1um,6.5s, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HAWA, GBB, GBL, GBU, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GFRF, GRFO, ARH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GMNA Gemona, LJU Ljubljana, LJU Ljubljana, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OHR, SJPF, MVIF, etc.

ISC 08 11:52:14.5,0.9, 14.995:173.52W, mb4.0/8, mb1 4.3/8, mb1x4.2/1.3, MS3.9/1, Ms1 3.9/1, ms1x3.4/1.9, Error ellipse: s-maj=46.4km s-min=20.1km az=138.0 NEIC 08 11:52:20.0, 1.4, 19.75:173.58W, h35km, mb4.5/3, Error ellipse: s-maj=16.2km s-min=8.1km az=136.0 ISC 08 11:52:18.4,0.5, 15.0S,0.1x173.6W,0.1, h33km, n21, o=61/19, mb4.1/11, MS3.9/1, Samoa Islands region

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAR Rarotonga, URZ Urewera, STKA St. Andrew's, etc.

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eilat, PDAR Pinedale Array, HWY Holter Resear, etc.

8d 14h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAWW, ILAR, MCMT, etc.

NEIC 08 13:52:25.7, 33.99S; 72.24W, h34km, mb4.5/1, ML4.2(GUC), After GUC.

NEIC Felt [V] at Marchiue and Pichilemu; [III] at Lolol. GUC 08 13:52:25.7, 33.99S; 72.24W, h34km, mb4.5/1, ML4.2.

ISC 08 13:52:24.5, 1.1, 34.00S; 0.04; 72.32W, 0.07, h20km, 6km, n21, c046/36, mb4.5/1, 11C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLCH, LNV, LCCH, etc.

WEL 08 14:04:43.6, 0.3, 38.29S; 176.13E, h158km, 2km, ML3.5/7, 2C, Error ellipse: s-maj=2.6km s-min=2.5km az=0.0, North Island

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

ICC 08 14:18:51.2, 1.2, 33.12N; 136.78E, mb3.7/4, mb1 3.8/5, mb1mx3.6/2, ML3.0/1, MS2.2/1, Ms1 2.2/1, ms1mx2.1/2, Error ellipse: s-maj=3.7km s-min=2.1km az=38.0

JMA 08 14:18:52.6, 0.1, 33.02N; 136.68E, h36km, 3km, M3.2

NEIC 08 14:18:55.6, 0.7, 33.11N; 136.68E, h25km, mb4.4/3, Error ellipse: s-maj=16.1km s-min=11.2km az=114.0

ISC 08 14:18:53.2, 1.0, 33.11N; 0.04; 136.69E; 0.4, h25km, 7km, n24, c075/33, mb4.0/7, 7C, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JWZ, TK01, JKN, etc.

BUI 08 14:24:21.1, 42.10N; 128.02E, h23km, ML3.6, 1D, Northeastern China

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CN2, MDJ, MDJ, etc.

ICC 08 14:25:03.5, 8.5, 15.39S; 173.73W, mb3.6/2, mb1 3.9/2, mb1mx3.7/1, MS4.2/1, Ms1 4.2/1, ms1mx3.9/16, Error ellipse: s-maj=373.0km s-min=62.1km az=139.0, Tonga Islands

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

MAN 08 14:25:28.9, 11.91N; 124.07E, h6km, MS3.6

MAN F Buge Northen Cebu- Intensity II Placer Masbate- Intensity II.

ICC 08 14:25:29.2, 3.2, 11.98N; 125.08E, mb3.6/3, mb1 3.8/3, mb1mx3.5/17, Error ellipse: s-maj=248.0km s-min=29.6km az=64.0

ISC 08 14:25:29.3, 0.3, 11.91N; 0.03; 124.05E; 0.03, h6km, n32, c1517/43, mb3.8/4, 1C-4D, Leyte

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPMH, CNP, OCLP, etc.

ICC 08 14:25:37.0, 6.0, 15.16S; 173.49W, mb4.6/4, mb1 4.8/15, mb1mx4.8/18, ML5.0/1, MS5.0/1, Ms1 5.0/1, ms1mx4.4/16, Error ellipse: s-maj=31.5km s-min=14.1km az=135.0

BUI 08 14:25:38.7, 15.10S; 173.50W, h10km, mb5.2, MS5.2, MSz5.2

SYO 08 14:25:38.8, 15.07S; 173.46W, h10km, MB4.8

NEIC 08 14:25:38.8, 0.1, 15.11S; 173.47W, h10km, mb4.8/29, Error ellipse: s-maj=10.4km s-min=4.2km az=137.0

MOS 08 14:25:42.7, 1.4, 14.87S; 173.80W, h33km, mb5.0/4, Error ellipse: s-maj=26.6km s-min=21.9km az=66.0

ISC 08 14:25:37.2, 0.2, 15.13S; 0.07; 173.47W; 0.07, h10km, c120m, 0.5s, mb3.9, baz=32, slow=7.3, SNR=6.0

14C-6D, Tonga Islands

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

SBA Scott Base 63.51 18E eP P 14 36 10.2 +0.6

SCPH Surigao 65.34 288E eP P 14 36 30.9 +8.5

PET Petropavlovsk 72.00 343 eP P 14 37 11.9 +8.9

CMB Columbia Coile 72.61 41 eP P 14 37 06.1 -0.8

MTUM Tungsten Hills 73.40 43 P P 14 37 11.8 +0.2

YBH Yreka Blue Hill 73.42 37 P P 14 37 11.8 +0.1

YBH Yreka Blue Hill 73.42 37 P P 14 37 11.4 -0.3

HUMO Hull Mountain 73.36 36 eP P 14 37 13.6 -0.4

PAHR Pah Rah Range 74.22 40 P P 14 37 14.8 -1.4

MNV Mina 74.27 42 eP P 14 37 16.4 -0.2

HSO Hanes Mounta 74.34 36 eP P 14 37 17.1 +0.2

LDFC Lofoten 74.31 46 eP P 14 37 17.5 +0.4

TPH Tonopah 74.68 43 eP P 14 37 19.0 -0.9

TPNV Topopah Spring 74.72 44 eP P 14 37 18.9 -0.3

QSPA South Pole Qui 74.92 40 eP P 14 37 20.1 +0.5

QSPA comp=Z, 200nm, 20.6s, MS4.4 74.95 38 eP P 14 37 20.0 -0.5

MOD Modoc 74.95 38 eP P 14 37 20.6 -0.2

BEN Nelson 74.99 46 eP P 14 37 26.1 -0.4

NMN Battle Mountain 75.99 41 eP P 14 37 26.1 -0.4

BMW Boisfort Moun 76.15 33 eP P 14 37 27.0 -0.2

WVOR Woodhouse Valley 76.27 39 eP P 14 37 26.9 -1.0

TUC Tucson 76.27 51 eP P 14 37 28.5 +0.2

GNW Green Mountain 77.06 33 eP P 14 37 31.4 -0.9

LON Longmire 77.08 39 eP P 14 37 32.0 -0.6

ELK Elko 77.43 41 eP P 14 37 33.6 -0.9

SLKM Skilak Lake 77.66 12 eP P 14 37 35.1 -0.2

SSE Sheshan 77.74 307 P P 14 37 36.5 +0.1

MVU Marysvale 78.25 45 eP P 14 37 38.3 -0.8

MSU Marysvale 78.28 45 eP P 14 37 39.9 +0.7

DUG Dugway 78.71 43 eP P 14 37 41.9 +0.3

PMR Palmer 78.87 12 eP P 14 37 42.2 +0.3

TTA Tatalina 79.00 8 eP P 14 37 43.5 +0.9

HLID Hailey 79.46 39 eP P 14 37 46.0 +0.5

SPUT South Promont 79.52 42 eP P 14 37 46.5 +0.2

HVU Hansel Valley 79.55 42 eP P 14 37 46.2 +0.1

SRU San Rafael 79.70 45 eP P 14 37 47.5 +0.5

DPO Davenport 79.71 34 eP P 14 37 47.1 -0.6

ILU Juliette 79.81 43 eP P 14 37 47.5 +0.2

DAU Daniels Canyon 79.85 43 eP P 14 37 47.9 +0.2

LAZ Ladron 79.94 50 eP P 14 37 49.4 +1.1

NJ2 Nanjing 79.94 307 eP P 14 37 48.1 -0.3

NJ2 Nanjing 79.94 307 eP P 14 37 52.9 +1.3

NJ2 Nanjing 79.94 307 eP P 14 37 54.1 +1.5

NJ2 Nanjing 79.94 307 eP P 14 37 54.9 +1.9

NJ2 Nanjing 79.94 307 eP P 14 42 29.3 +0.3

TUJ Tooley Canyon 80.10 43 eP P 14 37 47.8 -1.2

BNM Barren Site 80.21 51 eP P 14 37 50.4 +0.6

HWUT Hardware Ranch 80.24 42 eP P 14 37 48.9 -0.9

PV10 Paradox Valley 80.37 46 eP P 14 37 50.7 +0.2

LTX Lajitas 80.52 56 eP P 14 37 51.8 +0.3

TXAR Lajitas Array 80.52 56 P P 14 37 52.8 +1.3

PV01 Paradox Valley 80.59 46 eP P 14 37 51.2 -0.5

ANMO Albuquerque 80.68 50 eP P 14 37 52.9 +0.7

ANMO Albuquerque 80.68 50 eP P 14 37 52.4 +0.2

ANMO Albuquerque 80.68 50 eP P 14 37 54.8 +2.0

CH2 Changchun 80.83 320 eP P 14 37 54.8 +2.0

CN2 80.83 320 eP P 14 37 59.5 +3.5

CN2 80.83 320 eP P 14 38 02.1 +4.9

CN2 comp=Z, 30nm, 0.9s, mb5.2 81.09 39 eP P 14 37 54.3 +0.1

MCMT McKenzie Canyon 81.09 39 eP P 14 37 55.2 +0.6

GD2 Guadalupe Moun 81.12 53 eP P 14 37 54.8 -1.1

DLBC Dease Lake 81.47 21 P P 14 37 55.7 -1.0

RDW Red Top Meadow 81.58 41 eP P 14 37 56.8 0.0

PTAP Teton Pass 81.58 41 eP P 14 37 57.7 +0.2

WUWY Watly Ulrich 81.73 41 eP P 14 37 58.7 +0.4

CPRX Cap Rock 81.83 53 eP P 14 37 58.2 +0.1

MOOW Moose Ponds 81.84 41 eP P 14 37 57.8 -0.3

LOHW Long Hollow 81.86 41 eP P 14 37 58.2 -0.4

CHMT Chamberlain Mo 81.95 37 eP P 14 37 59.1 +1.2

OLMT Earthquake Lak 81.95 39 eP P 14 37 59.1 +0.1

COLA Great Sand Dune 82.11 11 eP P 14 37 58.9 -0.6

BW16 Boulder Array 82.11 42 eP P 14 37 59.5 -0.1

PDAR Pinedale Array 82.11 42 P P 14 37 59.0 -0.5

ILAR Elmore Array 82.19 18 eP P 14 37 59.0 -0.5

BOZ Bozeman (W) 82.25 39 eP P 14 37 59.8 -0.4

SDCO Great Sand Dune 82.58 48 eP P 14 38 03.1 +1.0

HRY Holter Researc 82.68 38 eP P 14 38 01.6 0.0

DAWY Dawson 83.18 14 eP P 14 38 04.6 0.0

ORF 08 14:25:35.3, 20.39S; 168.77W, h30km, mb5.9

Table with columns: RSD, Name, RA, Dec, Mag, Type, P, RA, Dec, Mag. Includes entries like Black Hills, GYA, MAW, XAN, etc.

Table with columns: Name, RA, Dec, Mag, Type, P, RA, Dec, Mag. Includes entries like KBA, ESKT, DAVA, LOR, etc.

Table with columns: Name, RA, Dec, Mag, Type, P, RA, Dec, Mag. Includes entries like JOW, Kunigami, ASAJ, Asahikawa, etc.

Table with columns for flight codes (e.g., MRT2, JOD2, KJS), destinations (e.g., Murotomisaki 2, Odawara 2, Kasai), times, and status indicators (e.g., Pn, P, Pn).

Table with columns for flight codes (e.g., GUMO, APYP, CAUR), destinations (e.g., comp=Z,3um,1.5s, GUYANA, CONNER), times, and status indicators (e.g., LR, P, P).

Table with columns for flight codes (e.g., GYA, GYA, GYA), destinations (e.g., comp=Z,450nm,1.2s,mb5.9), times, and status indicators (e.g., PP, PP, S).

Table with columns for station name, frequency, and signal strength. Includes stations like CRVS, MWZ, QRTZ, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like UPC, VYH, BSE, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like PDAR, DNZL, PRU, etc.

8d 14h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like OUR Ouranopolis, SOH Sokhos, KMR Krefsmunster, etc.

2004 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CSF Scaffel, LDU Leeds Universi, TIAR Tiare, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like VMG Vicchio, MURB Monte Urbino, SEI Scarperia, etc.

Table of astronomical observations for 2004 SEP, columns include object name, magnitude, position, and other parameters.

Table of astronomical observations for 2004 SEP, columns include object name, magnitude, position, and other parameters.

Table of astronomical observations for 2004 SEP, columns include object name, magnitude, position, and other parameters.

8d 15h

0.8m,0.7s,mb3.9,baz=20,slow=11,SNR=4.5
AKASG Malin Array Be 75.25 321 P P 15 19 30.9 +0.8

JMA 08 15:13:44.9.0.1,33.24N,136.94E,h38km,3km,M3.8
IDC 08 15:13:47.7.0.6,33.20N,137.05E,h22km,3km,mb4.0/11,
mb1.4/12,mb1mx4.0/24,ML3.5/1,Error ellipse: s-maj=21.1km s-min=12.7km az=69.0

NEIC 08 15:13:48.0.3,33.21N,136.96E,h25km,mb4.5/9,Error
ellipse: s-maj=5.5km s-min=6.2km az=86.0
ISC 08 15:13:44.4.1,33.28N,137.03E,h13km,10km,
h23km,9km;pP,n47,01905/57,mb4.3/18,3C,Near
south coast of western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

IDC 08 15:19:46.8.18.0,36.45N,138.27E,mb4.1/4,mb1.4/14,
mb1mx3.7/22,Error ellipse: s-maj=456.0km s-min=93.0km
az=172.0
JMA 08 15:20:47.2.0.5,38.88N,136.23E,h366km,KM,M3.9
ISC 08 15:20:45.0.6,38.97N,136.2E,0.2,h383km,18km,
n16,0065/21,mb3.6/4,Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

NEIC 08 15:25:29.0.2.1,4.9S,147.54E,h173km,19km,mb4.4/3,
Error ellipse: s-maj=36.8km s-min=22.6km az=104.0

2004 SEP

IDC 08 15:25:46.7.3.8,5.50S,145.48E,h134km,64km,mb3.9/3,
mb1.3/9.5,mb1mx3.7/12,Error ellipse: s-maj=55.3km
s-min=46.5km az=74.0
ISC 08 15:25:34.4.1,9.49S,0.2,147.1E,0.1,h191km,13km,n15,
01841/20,mb4.2/4,1D,Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

NIED 08 15:28:00.33.00N,137.30E,h5km,Mw4.6 Best double
couple: M8.94x10^15 NP130s142, delta1, lambda-164. NP2:
delta49, delta74, lambda-9.
JMA 08 15:28:17.5.0.1,33.14N,137.24E,h28km,2km,M2.6
ISC 08 15:28:17.4.1,6.33N,10.08,137.19E,0.06,h19km,10km,
n11,0047/18,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

IDC 08 15:28:57.1.0.7,33.03N,137.50E,mb4.2/15,mb1.4/3.1/6,
mb1mx4.2/24,ML3.8/1,Error ellipse: s-maj=20.0km
s-min=14.5km az=63.0
BUJ 08 15:28:58.5,32.83N,137.75E,h39km,mb4.6
JAI 08 15:28:58.9.0.1,33.03N,137.26E,h39km,3km,M4.6
JMA Felt 1/1
MOS 08 15:28:58.9.1.1,32.99N,137.75E,h33km,mb4.4/12,Error
ellipse: s-maj=29.0km s-min=13.7km az=102.5
NEIC 08 15:28:59.1.5,33.04N,137.44E,h13km,35km,mb4.2/3,
Error ellipse: s-maj=16.0km s-min=11.1km az=86.0
ISC 08 15:28:59.1.1,0.330N,0.04,137.30E,0.03,h26km,7km,
n58,01147/11,mb4.2/19,4C-4D,Near south coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

IDC 08 15:29:46.8.18.0,36.45N,138.27E,mb4.1/4,mb1.4/14,
mb1mx3.7/22,Error ellipse: s-maj=456.0km s-min=93.0km
az=172.0
JMA 08 15:20:47.2.0.5,38.88N,136.23E,h366km,KM,M3.9
ISC 08 15:20:45.0.6,38.97N,136.2E,0.2,h383km,18km,
n16,0065/21,mb3.6/4,Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

NEIC 08 15:25:29.0.2.1,4.9S,147.54E,h173km,19km,mb4.4/3,
Error ellipse: s-maj=36.8km s-min=22.6km az=104.0

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MKAR Makanchi Array 43.49 305 P P 15 37 03.8 +1.8
MKAR comp=2.3,0nm,0.7s
BVAR Borovoye Array 50.82 314 P P 15 38 00.1 +0.8
comp=2.7nm,0.6s,mb4.0,baz=185,slow=6.3,SNR=5.9

FITZ Fitzroy Crossi 52.09 194 P P 15 38 08.8 -0.6
comp=2.3,4nm,0.9s,mb4.3,baz=346,slow=9.2,SNR=3.5
WRA Warramunga Arr 52.79 183 P P 15 38 13.0 -1.7
comp=2.2,6nm,0.9s,mb4.2,baz=3,slow=7.7,SNR=20

ASAR Alice Springs 56.52 184 P P 15 38 41.6 -0.1
comp=2.7nm,0.6s,mb4.0,baz=16,slow=13,SNR=11
STKA Stephens Creek 64.73 176 P P 15 39 36.9 -0.6
comp=2.2,7nm,0.8s,mb4.3,baz=312,slow=23,SNR=4.4

STKA Stephens Creek 64.73 176 P P 15 39 36.9 -0.6
ARCES ARCESS Array B 66.50 339 P P 15 39 49.0 +0.8
comp=2.2,4nm,1.0s,mb4.4,baz=110,slow=10,SNR=3.2
ARCES ARCESS Array B 66.50 339 P P 15 39 49.0 +0.8

RES Resolute Bay 67.24 13 P P 15 39 53.0 +0.1
FINES FINESS Array B 70.71 332 P P 15 40 13.9 -0.6
comp=2.2,3nm,0.9s,mb4.3,baz=233,slow=9.5,SNR=3.8
FINES FINESS Array B 70.71 332 P P 15 40 13.9 -0.6

AKASG Malin Array Be 75.25 321 P P 15 40 42.4 +0.8
comp=2.2,4nm,0.6s,mb4.3,baz=49,slow=5.8,SNR=14
AKASG Malin Array Be 75.25 321 P P 15 40 42.4 +0.8

NOA NORRAR Array B 76.48 336 P P 15 40 48.6 +0.6
comp=2.1,4nm,0.9s,mb3.9,baz=41,slow=5.7,SNR=3.7
NOA NORRAR Array B 76.48 336 P P 15 40 48.6 +0.6

BRTR Keskin Array B 78.88 310 P P 15 41 03.9 +2.2
BRTR Keskin Array B 78.88 310 P P 15 41 03.9 +2.2
PRU Pruhoniche 83.02 327 eP P 15 41 21.8 -1.5
GERES GERESS Array B 84.21 326 P P 15 41 31.0 +1.7

GERES GERESS Array B 84.21 326 P P 15 41 31.0 +1.7
IDC 08 15:40:21.9.0.6,52.28S,5.01W,mb4.8/12,mb1.4/8/12,
mb1mx4.8/14,MS5.2/9,Mst1.5/2.9,ms1mx4.9/22,Error
ellipse: s-maj=21.4km s-min=17.8km az=12.0

BUJ 08 15:40:23.6,52.20S,5.00W,h10km,MS5.5,MSz5.6
NEIC 08 15:40:23.6,52.20S,5.00W,h10km,MSz5.2/2,
Error ellipse: s-maj=8.5km s-min=8.2km az=149.0
HRVD 08 15:40:23.6,52.21S,4.87W,h12km,MW5.5/62,
Centroid moment Tensor Solution. LP body waves:
s27,c48,Mantle waves: s62,c102; Half duration: 1f5
Moment tensor: Scale 10^17Nm; Mr-1.87z.08;
Mw-1.45z.08; Mpp-0.42z.08; Me-0.17z.26; Mxy-1.83z.06;
Mo-0.96z.29; Best double couple: Mz2.62z.1017 NP1:
phi281, delta3, lambda-130; NP2: phi150, delta9, lambda-59; Principal
axes: T2.94, Plg9; Azm219; N-64, Plg26; Azm313; P
-2.3, Plg63; Azm112; nsta1 refers to body waves,
cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

SYO 08 15:40:23.6,52.21S,5.03W,h16km,MS5.2
ISC 08 15:40:22.6,52.23S,0.06E,1W,0.1,h10km,n83,
01936/42,mb5.1/23,MS5.3/13,7C-1D,Southern
Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s ISC. Lists various seismic stations and their parameters.

MUR comp=2.8,2m,21.2s,MS5.3,baz=252,slow=30
SAW comp=2.5,2m,14.1s,MS5.2,baz=110,slow=11
MAW comp=2.1,1m,0.5s,mb4.1,baz=258,slow=8.7,SNR=32

USHA comp=2.2,1m,0.9s,mb4.9,baz=102,slow=31
TSUM Tsumeb 37.43 37 P P 15 47 37.0 -0.7
30nm,1.0s,mb5.1,baz=192,slow=9.6,SNR=43
TSUM comp=2.4,2m,20.1s,MS5.2,baz=270,slow=31

QSPA South Pole Qui 38.03 180 eP P 15 47 41.5 -0.6
71nm,1.4s,mb5.2
QSPA 41.46 267 eP P 15 49 12.7
QSPA 41.46 267 eP P 15 49 56.2

TROA Torquaisit 41.46 267 eP P 15 48 11.8 +0.8
62nm,1.3s,mb5.1
LRQ Lusaka 45.36 48 eP P 15 48 40.9 -2.0
comp=2.5,3nm,1.4s,mb5.2

CPUP Villa Florida 46.68 283 P P 15 48 53.4 +0.2
comp=2.1,1nm,0.8s,mb4.8,baz=150,slow=6.7,SNR=21
BAF Brasilia Array 49.80 301 P P 15 49 17.7 +0.2
BDF Brasilia Array 49.81 301 P P 15 49 17.9 +0.2

SBA Scott Base 50.09 178 eP P 15 49 19.7 +0.7
comp=2.4,0nm,1.4s,mb5.2
LVC Limon Verde 56.47 276 eP P 15 50 06.8 -0.2
comp=2.6,0nm,0.9s,mb5.7

LIC Lamto 58.22 40 eP P 15 50 17.7 -1.7
LVC Kosan Boka 58.36 0 eP P 15 50 18.0 -2.1
comp=2.7,0nm,0.9s,mb5.7
TIC Toundou 58.64 0 eP P 15 50 20.3 -2.0

DBIC Dimbokro 58.66 0 P P 15 50 20.6 -1.9
comp=2.2,2nm,0.8s,mb5.2,baz=151,slow=9.0,SNR=25
MPAR Mbarara 59.55 43 eP P 15 50 27.2 -1.4
comp=2.1,7nm,1.2s,mb4.9

LPAZ La Paz 60.80 281 P P 15 50 37.3 +0.1
comp=3.1,1nm,0.6s,mb4.8,baz=135,slow=2.3,SNR=7.2
KMBO Kilima Mbojo 61.96 50 P P 15 50 45.1 -0.1
comp=2.1,5nm,1.0s,mb4.1,baz=215,slow=11,SNR=4.1

KMBO Kilima Mbojo 61.96 50 P P 15 50 45.1 -0.2
SAML Samaru 63.69 291 eP P 15 50 54.5 -2.1
comp=2.1,3nm,1.1s,mb4.9
ROSC El Rosal 81.30 290 P P 15 52 41.3 +0.6
comp=2.5,4nm,0.4s,mb4.8,baz=132,slow=23,SNR=4.9

NWAO Narrogin (SR) 81.39 134 LR LR 16 22 57.1
comp=2.7,0nm,18.4s,MS5.1,baz=292,slow=31
NAMS An Nimas 82.14 45 P P 15 52 46.8 +2.0
BLJS Baljarsih 82.50 44 P P 15 52 49.2 +2.4

TATS Tathlith 83.02 45 P P 15 52 50.8 +1.4
RPZ Rata Peaks 84.36 177 LR LR 16 27 17.5
comp=3.2,2m,19.6s,MS5.4,baz=204,slow=33
AFFS Affi 86.68 43 P P 15 52 08.8 +1.2
KBRS Khaybar 86.83 39 P P 15 53 10.1 +1.7

AYUS Ayunah 87.53 35 P P 15 53 13.7 +2.0
BDAS Al Bass 87.69 35 P P 15 53 14.5 +2.0
JMOS Mogyroq 88.38 39 P P 15 53 18.1 +2.4
ARSS Ar Bass 88.51 42 P P 15 53 17.5 +1.0
EIL Elat 88.77 34 LR LR 16 29 40.6
comp=2.6,28nm,19.0s,MS5.5,baz=39,slow=33

ASAR Alice Springs 96.38 143 P P 15 53 52.1 -0.7
BRTR Keskin Array B 97.58 29 LR LR 16 08 30.99
TXAR Lajitas Array 12.75 283 PKP P 15 59 08.7 -3.1
KMI Kunming 120.25 87 ePKP PKP 15 59 16.8 -0.1
BVAR Borovoye Array 122.36 44 PKP PKP 15 59 16.7 -3.6

ARCES ARCESS Array B 123.49 12 PKP PKP 15 59 18.5 -3.6
MKAR Makanchi Array 123.62 56 PKP PKP 15 59 19.7 -3.3
LMQ Makanchi Array 123.66 56 PKP PKP 15 59 19.7 -3.3
WMQ Urumqi 124.46 61 ePKP PKP 15 59 22.7 -2.0

MSU Marysvale 129.09 285 ePKP PKP 15 59 31.9 -1.7
ZAL Zalesovo 129.44 50 PKP PKP 15 59 30.0 -3.9
DAU Daniels Canyon 129.77 287 ePKP PKP 15 59 32.2 -2.6
PDAR Pinedale Array 130.27 291 PKP PKP 15 59 32.9 -2.9

TPAW Teton Pass 131.52 291 ePKP PKP 15 59 36.3 -1.9
HRY Holter Research 142.52 314 PKP PKP 15 59 41.1 -1.4
NJ2 Nanjing 135.09 94 ePKP PKP 15 59 40.1 -5.0

WVOR Wild Horse Val 135.38 285 ePKP PKP 15 59 43.4 -2.0
HHC Hu-ho-hao-te 136.32 79 ePKP PKP 15 59 48.7 +1.7
SOM Songoing Array 137.27 67 PKP PKP 15 59 46.0 -2.6

DPW Davenport 138.19 292 PKP PKP 15 59 48.0 -2.3
LON Longfire 139.68 288 ePKP PKP 15 59 50.4 -2.7
BMW Boisfort Moun 140.37 287 ePKP PKP 15 59 52.8 -1.5
YKA Yellowknife Ar 142.52 314 PKP PKP 15 59 50.5 -6.9
CN2 Changchun 146.45 84 ePKP PKP 16 00 02.7 -2.1

DLBC Dease Lake 148.84 304 PKP P 16 00 10.7 +2.5
LWV Wild Horse Val 148.84 304 ePKP PKP 16 00 10.4 +2.2
MAT Matsushiro 149.85 107 PKP PKP 16 00 12.8 +2.3

YAK Yakutsk 154.11 50 ePKP P 16 00 20.8 +4.9
JMA 05:15:41:32.3.0.1, 33.03N:137.28E, h36km,3km, M3.7
ISC 08:15:41:32.6.1.3, 33.04N:0.07:13.28E, 0.05, h36km,34km, n15, <0.549/27, Near south coast of eastern Honshu

Code Station Name Az AzZ Phase ID Time Res
TK01 Tokai 1 0.77 20 Op P 15 41 46.8 -0.2
TK02 Tokai 2 0.99 24 S S 15 41 57.1 -0.4

TK03 Tokai 3 1.26 27 S S 15 42 03.3 +0.2
JWZ Kozaga 1.40 291 P S 15 42 09.6 -0.4
JWZ Tokai 4 1.43 20 S S 15 41 56.5 0.0

JIE Ise 1.43 341 P S 15 41 57.1 +0.6
JKN Kiinagashima 1.47 325 P S 15 42 14.4 +0.1
JWN Minabe 1.80 297 P S 15 42 14.6 -0.8

JWJ Tsu 2 1.81 337 P S 15 42 20.4 +0.4
JWY Kouya 1.83 310 P S 15 42 20.8 +0.3
JHE Heguri 2.09 321 P S 15 42 21.2 +0.3

JIM2 Oshima 3 2.45 46 eS S 15 42 38.9 -1.2
JAI Aioi 2.48 288 P P 15 42 11.6 +0.1
JMI Miyama 2.69 350 P S 15 42 14.9 +0.3

JMAT Matsushiro 3.58 12 P S 15 43 09.1 +0.4
NEIC 08:15:53:43.9.0.8, 33.15N:138.15E, h10km, mb3.8/1, Error ellipse: s-maj=28.3km s-min=10.3km az=88.0

JMA 08:15:53:43.3.0.1, 33.33N:137.03E, h42km,2km, M2.9
IDC 08:15:53:45.5.6.3, 32.74N:137.22E, mb3.6/5, mb1 3/8, mb1 mx3.6/21, Error ellipse: s-maj=273.0km s-min=21.7km az=65.0

Code Station Name Az AzZ Phase ID Time Res
TK01 Tokai 1 0.65 49 Op P 15 53 59.9 +0.5
TK02 Tokai 2 0.87 46 eS S 15 54 04.8 +0.5

JIE Ise 1.07 347 P S 15 54 02.6 +0.1
JWZ Kozaga 1.09 280 P S 15 54 16.5 +0.5
JWZ Tokai 3 1.09 326 P S 15 54 02.6 -0.2

JKN Kiinagashima 1.15 324 eS S 15 54 18.0 +0.6
TK03 Tokai 3 1.15 44 P S 15 54 02.8 -0.6
TK04 Tokai 4 1.27 35 P S 15 54 17.3 -1.1

TSU2 Tsu 2 1.43 341 P P 15 54 08.0 +0.2
TSUJ Kouya 1.46 307 P P 15 54 09.0 +1.0
JWY Minabe 1.46 291 P S 15 54 26.7 +0.2

JHE Heguri 1.70 321 P S 15 54 26.3 -0.3
SHZ3 Shizuoka 3 1.89 30 P P 15 54 11.7 +0.2
JIZS Iuzhimoda 2.08 48 P P 15 54 14.6 -1.0

JMAT Matsushiro 3.34 17 eP P 15 54 34.7 -0.2
MAT Matsushiro 3.34 17 P S 15 54 35.4 +0.5
MAT Matsushiro 3.34 17 P S 15 54 14.8 +0.5

SOM Songoing Array 27.16 311 P S 15 59 35.8 +1.0
ZAL Zalesovo 41.88 316 P P 16 01 41.6 +9.0
MKAR Makanchi Array 43.13 305 P P 16 01 51.5 +8.6

KURK Kurchatov 45.47 311 P P 16 02 09.0 +7.3
WARR Warramunga Arr 53.05 183 P P 16 02 59.9 -0.6
MBWA Marble Bar 56.65 199 P P 16 03 27.6 +1.0

ASAR Alice Springs 56.77 183 P P 16 03 27.4 -0.2
OTT 08:16:00:17.6.0.1, 52.78N:67.22W, MN2.7/5, Blast, Mount Wright, Qc Mining explosion., Northern Quebec

Code Station Name Az AzZ Phase ID Time Res
SCHO Schefferville 2.07 6 Op P 16 00 53.5 -0.6

MINQ Manicouagan 2.44 204 PN Pn 16 01 58.0 -1.4
MNQ Manicouagan 2.44 204 PN S 16 01 35.5

SMQ Clarke City 2.58 173 PN Pn 16 01 00.6 -0.7
SMQ Clarke City 2.58 173 PN Trac 16 01 35.9

IDC 08:16:07:57.8.1.4, 19.20Sx174.90E, mb4.3/6, mb1 4/5/7, mb1 mx4.3/12, ML3.3/1, Error ellipse: s-maj=38.2km s-min=16.8km az=168.0

ISC 08:16:08:01:5.1.3, 19.3S:0.2:174.9E, 0.2, h33km, n8, <0.627/7, mb4.2/6, Vanuatu Islands region

Code Station Name Az AzZ Phase ID Time Res
URU Urewhera 18.97 175 Op P 16 12 22.7 0.0

STK Stokers Creek 32.37 241 P P 16 14 30.8 +0.4
WRA Warramunga Arr 38.11 262 P P 16 15 18.3 -1.0

IDC 08:16:03:52.3.0.6, 33.18N:137.02E, mb4.0/13, mb1 4/2/16, mb1 mx4.1/24, ML4.0/3, Error ellipse: s-maj=19.6km s-min=15.5km az=46.0

NEIC 08:16:03:54.0.0.5, 33.05N:136.94E, h10km, mb4.3/10, Error ellipse: s-maj=11.5km s-min=8.8km az=111.0

NEIC Recorded (1 JMA) in Mie, Nara and Wakayama Prefectures.
BUJ 08:16:03:55.1, 33.45N:136.80E, h5km, mb4.3

JMA 08:16:03:55.4.0.1, 33.17N:136.93E, h39km,3km, M4.4
JMA Felt J1,
ISC 08:16:03:55:3.1.0, 33.18N:0.03:136.95E, 0.03, h31km,7km, n5, <0.907/11, mb4.1/24, 1C-11D, Near south coast of western Honshu

Code Station Name Az AzZ Phase ID Time Res
TK01 Tokai 1 0.79 42 Op P 16 04 10.4 0.0

TK02 Tokai 2 1.02 41 eS S 16 04 21.1 +0.1
TK02 Tokai 2 1.02 41 eS S 16 04 27.6 +0.7

JWZ Kozaga 1.09 289 U P S 16 04 14.3 -0.3
JWZ Tokai 3 1.43 32 U P S 16 04 27.4 -1.3
JKN Kiinagashima 1.21 332 U P S 16 04 15.5 +0.2

JHE Ise 1.23 351 eS S 16 04 30.6 -1.1
JIE Ise 1.43 32 U P S 16 04 32.2 +0.1
TK04 Tokai 4 1.43 32 U P S 16 04 19.8 +0.4

JWY Minabe 1.49 297 U P S 16 04 20.2 -0.1
JWY Kouya 1.53 313 U P S 16 04 38.4 -0.4

JWY Tsu 2 1.59 344 U P S 16 04 22.2 +0.5
JHE Heguri 1.81 325 U P S 16 04 25.3 +0.5

JWJ Tsuna 1.82 306 U P S 16 04 29.8 +0.5
SHZ3 Shizuoka 3 2.15 29 P P 16 04 29.5 -0.3

SHZ3 Aioi 2.17 287 U P S 16 04 53.8 -1.9
JAI Aioi 2.17 287 U P S 16 04 30.0 -1.1

JIZS Iuzhimoda 2.22 46 eS S 16 04 32.1 +0.2
JMY Miyakejima 3 2.32 67 P S 16 04 32.3 +1.5

JWY Hachijo jima 2 2.38 91 P S 16 04 59.8 -0.1
JWY Hachijo jima 2 2.38 91 P S 16 04 33.1 +0.1

JHJ2 Mitsune 2.41 91 U P S 16 04 33.3 -0.2
MAJO Matsushiro 3.51 17 P P 16 04 49.5 +0.4

MAT Matsushiro 3.51 17 P P 16 04 49.6 +0.5
MAT Matsushiro 3.51 17 P S 16 05 29.0 -1.1

MAT Matsushiro 3.51 17 eP P 16 04 50.0 +0.9
CBJ Chichi jima 7.57 142 P P 16 05 43.6 -2.7

JOW Kunigami 9.82 232 P P 16 06 16.4 -1.3
BJT Baijiatuu 16.01 298 P P 16 08 04.8 -0.1

HJA Hailar 20.56 327 P P 16 08 33.5 -0.3
HHC Hu-ho-hao-te 21.62 298 eP P 16 08 45.2 +0.5

XAN Xi'an 23.33 280 P P 16 09 04.0 +2.3
XAN Xi'an 23.33 280 AP P 16 09 09.3

ENH Enshi 23.51 270 eP P 16 09 05.6 +2.2
SOM Songoing Array 27.24 312 P P 16 09 38.4 +0.1

YAK Yakutsk 29.24 353 eP P 16 09 56.4 +0.1
CMAR Chiang Mai Arr 37.00 256 P P 16 11 04.5 +0.5

ZAL Zalesovo 41.97 316 P P 16 13 39.6 -0.7
MKAR Makanchi Array 43.19 305 P P 16 11 56.2 +1.4

MAR Makanchi Array 43.19 305 P P 16 11 56.2 +1.4
KURK Kurchatov 45.54 311 eP P 16 12 13.2 -0.5

BVAR Borovoye Array 50.54 314 P P 16 12 52.6 +0.1
BVAR Borovoye Array 50.54 314 P P 16 14 10.0 -0.3

BRVK Borovoye 50.60 314 eP P 16 12 53.8 +0.8
ZRNK Zerenda 51.38 314 eP P 16 12 59.1 +0.2

WRA Warramunga Arr 52.88 183 P P 16 13 09.1 -1.5
WRA Warramunga Arr 52.88 183 P P 16 13 09.4 -1.3

WRA Warramunga Arr 52.88 183 P P 16 14 19.5 0.0
MBWA Marble Bar 56.48 199 eP P 16 13 32.6 -4.3

ASAR Alice Springs 56.60 183 P P 16 13 36.8 -1.0
ARU Arti 56.65 199 P P 16 13 37.1 -2.0

FINES FINESS Array B 70.48 332 P P 16 15 08.8 +0.4
AKASG Malin Array B 75.05 321 P P 16 15 34.4 -1.1

NOA NORSAR Array B 76.27 336 P P 16 15 43.0 +0.9
BRTR Keskin Array B 78.59 310 P P 16 15 56.2 +0.8

TPNV Topopah Spring 82.43 51 eP P 16 16 17.2 +1.4
PDAR Pinedale Array 82.97 43 P P 16 16 19.4 +0.8

KHC Kasperske Hory 83.82 327 eP P 16 16 24.5 +1.8
GERES GERES Array B 83.96 326 P P 16 16 24.3 +0.9

PV10 Paradox Valley 86.07 46 P P 16 16 38.3 -0.6
PV10 Paradox Valley 86.51 46 eP P 16 16 38.2 +5.5

TXAR Lajitas Array 95.39 50 P P 16 17 19.6 +1.6
IDC 08:16:07:57.8.1.4, 19.20Sx174.90E, mb4.3/6, mb1 4/5/7, mb1 mx4.3/12, ML3.3/1, Error ellipse: s-maj=38.2km s-min=16.8km az=168.0

ISC 08:16:08:01:5.1.3, 19.3S:0.2:174.9E, 0.2, h33km, n8, <0.627/7, mb4.2/6, Vanuatu Islands region

Code Station Name Az AzZ Phase ID Time Res
URU Urewhera 18.97 175 Op P 16 12 22.7 0.0

STK Stokers Creek 32.37 241 P P 16 14 30.8 +0.4
WRA Warramunga Arr 38.11 262 P P 16 15 18.3 -1.0

IDC 08:16:03:52.3.0.6, 33.18N:137.02E, mb4.0/13, mb1 4/2/16, mb1 mx4.1/24, ML4.0/3, Error ellipse: s-maj=19.6km s-min=15.5km az=46.0

NEIC 08:16:03:54.0.0.5, 33.05N:136.94E, h10km, mb4.3/10, Error ellipse: s-maj=11.5km s-min=8.8km az=111.0

NEIC Recorded (1 JMA) in Mie, Nara and Wakayama Prefectures.
BUJ 08:16:03:55.1, 33.45N:136.80E, h5km, mb4.3

JMA 08:16:03:55.4.0.1, 33.17N:136.93E, h39km,3km, M4.4
JMA Felt J1,
ISC 08:16:03:55:3.1.0, 33.18N:0.03:136.95E, 0.03, h31km,7km, n5, <0.907/11, mb4.1/24, 1C-11D, Near south coast of western Honshu

Code Station Name Az AzZ Phase ID Time Res
TK01 Tokai 1 0.79 42 Op P 16 04 10.4 0.0

TK02 Tokai 2 1.02 41 eS S 16 04 21.1 +0.1
TK02 Tokai 2 1.02 41 eS S 16 04 27.6 +0.7

JWZ Kozaga 1.09 289 U P S 16 04 14.3 -0.3
JWZ Tokai 3 1.43 32 U P S 16 04 27.4 -1.3

JKN Kiinagashima 1.21 332 U P S 16 04 15.5 +0.2
JHE Ise 1.23 351 eS S 16 04 30.6 -1.1

JIE Ise 1.43 32 U P S 16 04 32.2 +0.1
TK04 Tokai 4 1.43 32 U P S 16 04 19.8 +0.4

JWY Minabe 1.49 297 U P S 16 04 20.2 -0.1
JWY Kouya 1.53 313 U P S 16 04 38.4 -0.4

JWY Tsu 2 1.59 344 U P S 16 04 22.2 +0.5
JHE Heguri 1.81 325 U P S 16 04 25.3 +0.5

JWJ Tsuna 1.82 306 U P S 16 04 29.8 +0.5
SHZ3 Shizuoka 3 2.15 29 P P 16 04 29.5 -0.3

SHZ3 Aioi 2.17 287 U P S 16 04 53.8 -1.9
JAI Aioi 2.17 287 U P S 16 04 30.0 -1.1

JIZS Iuzhimoda 2.22 46 eS S 16 04 32.1 +0.2
JMY Miyakejima 3 2.32 67 P S 16 04 32.3 +1.5

JWY Hachijo jima 2 2.38 91 P S 16 04 59.8 -0.1
JWY Hachijo jima 2 2.38 91 P S 16 04 33.1 +0.1

JHJ2 Mitsune 2.41 91 U P S 16 04 33.3 -0.2
MAJO Matsushiro 3.51 17 P P 16 04 49.5 +0.4

MAT Matsushiro 3.51 17 P P 16 04 49.6 +0.5
MAT Matsushiro 3.51 17 P S 16 05 29.0 -1.1

MAT Matsushiro 3.51 17 eP P 16 04 50.0 +0.9
CBJ Chichi jima 7.57 142 P P 16 05 43.6 -2.7

JOW Kunigami 9.82 232 P P 16 06 16.4 -1.3
BJT Baijiatuu 16.01 298 P P 16 08 04.8 -0.1

HJA Hailar 20.56 327 P P 16 08 33.5 -0.3
HHC Hu-ho-hao-te 21.62 298 eP P 16 08 45.2 +0.5

XAN Xi'an 23.33 280 P P 16 09 04.0 +2.3
XAN Xi'an 23.33 280 AP P 16 09 09.3

ENH Enshi 23.51 270 eP P 16 09 05.6 +2.2
SOM Songoing Array 27.24 312 P P 16 09 38.4 +0.1

YAK Yakutsk 29.24 353 eP P 16 09 56.4 +0.1
CMAR Chiang Mai Arr 37.00 256 P P 16 11 04.5 +0.5

ZAL Zalesovo 41.97 316 P P 16 13 39.6 -0.7
MKAR Makanchi Array 43.19 305 P P 16 11 56.2 +1.4

MAR Makanchi Array 43.19 305 P P 16 11 56.2 +1.4
KURK Kurchatov 45.54 311 eP P 16 12 13.2 -0.5

BVAR Borovoye Array 50.54 314 P P 16 12 52.6 +0.1
BVAR Borovoye Array 50.54 314 P P 16 14 10.0 -0.3

BRVK Borovoye 50.60 314 eP P 16 12 53.8 +0.8
ZRNK Zerenda 51.38 314 eP P 16 12 59.1 +0.2

WRA Warramunga Arr 52.88 183 P P 16 13 09.1 -1.5
WRA Warramunga Arr 52.88 183 P P 16 13 09.4 -1.3

WRA Warramunga Arr 52.88 183 P P 16 14 19.5 0.0
MBWA Marble Bar 56.48 199 eP P 16 13 32.6 -4.3

ASAR Alice Springs 56.60 183 P P 16 13 36.8 -1.0
ARU Arti 56.65 199 P P 16 13 37.1 -2.0

FINES FINESS Array B 70.48 332 P P 16 15 08.8 +0.4
AKASG Malin Array B 75.05 321 P P 16 15 34.4 -1.1

NOA NORSAR Array B 76.27 336 P P 16 15 43.0 +0.9
BRTR Keskin Array B 78.59 310 P P 16 15 56.2 +0.8

TPNV Topopah Spring 82.43 51 eP P 16 16 17.2 +1.4
PDAR Pinedale Array 82.97 43 P P 16 16 19.4 +0.8

KHC Kasperske Hory 83.82 327 eP P 16 16 24.5 +1.8
GERES GERES Array B 83.96 326 P P 16 16 24.3 +0.9

PV10 Paradox Valley 86.07 46 P P 16 16 38.3 -0.6
PV10 Paradox Valley 86.51 46 eP P 16 16 38.2 +5.5

TXAR Lajitas Array 95.39 50 P P 16 17 19.6 +1.6
OTC 08:16:00:17.6.0.1, 52.78N:67.22W, MN2.7/5, Blast, Mount Wright, Qc Mining explosion., Northern Quebec

Code Station Name Az AzZ Phase ID Time Res
SCHO Schefferville 2.07 6 Op P 16 00 53.5 -0.6

MINQ Manicouagan 2.44 204 PN Pn 16 01 58.0 -1.4
MNQ Manicouagan 2.44 204 PN S 16 01 35.5

SMQ Clarke City 2.58 173 PN Pn 16 01 00.6 -0.7
SMQ Clarke City 2.58 173 PN Trac 16 01 35.9

IDC 08:16:07:57.8.1.4, 19.20Sx174.90E, mb4.3/6, mb1 4/5/7, mb1 mx4.3/12, ML3.3/1, Error ellipse: s-maj=38.2km s-min=16.8km az=168.0

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

PRU 08 20:36:48.7, 51.57N, 16.08E
WAR 08 20:36:49.3, 51.56N, 16.01E, ML2.6, Mining Induced,
ISC 08 20:36:45.9, 1.4, 51.60N, 0.06, 16.03E, 0.06, n9, r12/18,

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

NEIC 08 21:06:33.0, 6.5, 26.39N, 140.70E, h372km, 69km,
mb4, 1/14, Error ellipse: s-maj=19.0km s-min=14.0km

NEIC 08 21:06:38.5, 1.0, 26.34N, 140.81E, h437km, 11km,
mb3.5/17, mb1 3.7/19, mb1mx3.6/25, Error ellipse:
s-maj=14.4km s-min=10.7km az=98.0

JMA 08 21:06:40.0, 2.0, 26.74N, 141.38E, h436km, 4M, 2
ISC 08 21:06:37.1, 0.4, 26.37N, 140.04, 140.76E, 0.09, h435km, 4km,
n61, r092/64, mb3.9/30, Bonin Islands region

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

NEIC 08 20:21:37.5, 4.9, 43.24N, 45.27E, h64km, 46km, mb3.7/2,
Error ellipse: s-maj=26.4km s-min=10.9km az=191.0

ISC 08 20:21:42.0, 14.0, 43.31N, 45.30E, h109km, 145km,
mb3.6/6, mb1 3.5/9, mb1mx3.4/19, ML4, 1/3, Error ellipse:
s-maj=14.0km s-min=20.8km az=13.0

TIF 08 20:21:42.4, 4.3, 02N, 45.86E, h5km, Mpv4.3
MOS 08 20:21:43.5, 2.8, 43.44N, 45.40E, h118km, mb3.8/6, Error
ellipse: s-maj=21.7km s-min=11.0km az=128.3

NNC 08 20:21:47.6, 4.1, 43.55N, 46.07E, h105km, 32km, Error
ellipse: s-maj=30.4km s-min=26.5km az=96.0
ISC 08 20:21:42.5, 0.4, 43.39N, 0.05, 45.39E, 0.06, h133km, 5km,
n37, r084/46, mb3.7/6, 3C-6D, Eastern Caucasus

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

IGQ 08 21:27:36.4, 0.48N, 78.75W, h14km, 1km, mb4.2, Error
ellipse: s-maj=0.9km s-min=0.8km az=122.9

ISC 08 21:27:36.0, 0.8, 0.53N, 0.05, 78.74W, 0.05, h1km, 6km, n28,
r0567/33, 18C-8D, Colombia-Ecuador border region

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

PRU 08 21:35:45.9, 50.31N, 18.80E
WAR 08 21:35:44.5, 50.24N, 18.92E, ML2.6, Mining Induced,

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

DHMR 08 21:45:56.6, 0.9, 13.77N, 42.62E, h45km, 4km, MD4.1,
ML4.1, 2C-3D, Ethiopia

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

NEIC 08 21:06:33.0, 6.5, 26.39N, 140.70E, h372km, 69km,
mb4, 1/14, Error ellipse: s-maj=19.0km s-min=14.0km

NEIC 08 21:06:38.5, 1.0, 26.34N, 140.81E, h437km, 11km,
mb3.5/17, mb1 3.7/19, mb1mx3.6/25, Error ellipse:
s-maj=14.4km s-min=10.7km az=98.0

JMA 08 21:06:40.0, 2.0, 26.74N, 141.38E, h436km, 4M, 2
ISC 08 21:06:37.1, 0.4, 26.37N, 140.04, 140.76E, 0.09, h435km, 4km,
n61, r092/64, mb3.9/30, Bonin Islands region

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

PRU 08 21:35:45.9, 50.31N, 18.80E
WAR 08 21:35:44.5, 50.24N, 18.92E, ML2.6, Mining Induced,

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

DHMR 08 21:45:56.6, 0.9, 13.77N, 42.62E, h45km, 4km, MD4.1,
ML4.1, 2C-3D, Ethiopia

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

ISC 08 21:26:30.9, 6.5, 32.05S, 179.92W, h346km, 71km, mb2.8/3,
mb1 3.2/5, mb1mx3.1/12, Error ellipse: s-maj=77.1km
s-min=39.2km az=179.0

ISC 08 21:26:33.7, 1.1, 32.45S, 0.1x179.8W, 0.3, h409km, 17km,
n28, r106/39, mb3.0/3, South of Kermadec Islands

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

IGQ 08 21:27:36.4, 0.48N, 78.75W, h14km, 1km, mb4.2, Error
ellipse: s-maj=0.9km s-min=0.8km az=122.9

ISC 08 21:27:36.0, 0.8, 0.53N, 0.05, 78.74W, 0.05, h1km, 6km, n28,
r0567/33, 18C-8D, Colombia-Ecuador border region

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

PRU 08 21:35:45.9, 50.31N, 18.80E
WAR 08 21:35:44.5, 50.24N, 18.92E, ML2.6, Mining Induced,

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

DHMR 08 21:45:56.6, 0.9, 13.77N, 42.62E, h45km, 4km, MD4.1,
ML4.1, 2C-3D, Ethiopia

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

NEIC 08 21:59:11.8, 2.9, 23.30S, 179.74W, h525km, 30km, mb4.2/9,
Error ellipse: s-maj=28.0km s-min=13.4km az=206.0

ISC 08 21:59:17.4, 2.2, 23.31S, 179.69W, h519km, 75km, mb3.7/5,
mb1 3.8/6, mb1mx3.6/14, Error ellipse: s-maj=62.0km
s-min=32.0km az=18.0
ISC 08 21:59:17.4, 2.2, 23.31S, 179.70E, 0.3, h561km, 32km,
n32, r092/20, mb4.3/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, CTX Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGKT Sivriogonyuk, ESKT Eskisehir, MANT Manisa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRR Gorron, SGMF Saint Gilles, LZH Lanzhou, etc.

MOS 08 22:19:21.6:2.2, 30.19N:51.48E, h33km, mb4.4/9, Error ellipse: s-maj=37.4km s-min=9.5km az=117.3

KHC Kasperske Hory 33.01 313 eP P 22 26 08.0 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA 08 22:47:53.0, 0.3, 23.28N:121.67E, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NASN Na'in, ASAO Ashtian, etc.

KHC Kasperske Hory 33.01 313 eP P 22 26 08.0 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTT2 Tamagusuku 2, JTT2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like GHIR Ghir-Karzin, KBD Kabd, etc.

MUD Monsted Ugrnd 38.09 323 iP P 22 26 52.7 +2.1

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

Code Station Name Az Phase ID Time Res. Includes stations like SNGE Sanandaj, KRBR Kerman, etc.

NOA NORARS Subarra 39.18 330 P P 22 26 59.3 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like AVF, BGf, DLF, LDF, etc.

NEIC 09 03:03:47.0, 19.95N, 65.22W, h62km, MD3.6(RSPR), 9C-1D, After RSPR, Puerto Rico region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CBYP, MTP, HUMP, etc.

NEIC 09 03:12:31.9, 57.29N, 154.23W, h44km, ML4.1(PMFR), ML3.9(AEIC), After AEIC

IDC 09 03:12:32.7, 1.2, 57.73N, 154.24W, h57km, 5km, mb3.9/11, mb1.4, 1/13, mb1mx4.0/17, Error ellipse: s-maj=25.3km s-min=15.5km az=9.0

ISC 09 03:12:28.5, 0.3, 57.24N, 0.0, 154.13W, 0.0, h71km, 4km, n120, 0.9/97/152, mb4.1/10, Kodiak Island region

Large table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KDKA, KABR, CAHL, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TRF, KTH, SNH, etc.

IDC 09 03:12:46.8, 39.0, 14.87S, 164.85E, mb3.8/4, mb1.0/4, mb1mx3.7/12, Error ellipse: s-maj=665.0km s-min=87.7km az=68.0, Vanuatu Islands region

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

LDG 09 03:18:29.9, 0.1, 45.47N, 6.71E, h2km, Md2.7/2, Ml2.4/11, Error ellipse: s-maj=1.6km s-min=1.0km az=85.0

STR 09 03:18:29.4, 1.6, 45.55N, 6.88E, h5km, 1km, Ml2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 09 03:18:28.0, 4.4, 45.49N, 0.02, 6.60E, 0.03, h2km, n19, r134/30, France

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LPL, LPG, ORIF, etc.

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

NEIC 09 03:56:44.4, 2.1, 23.07S, 176.84W, h82km, 19km, mb4.8/11, Error ellipse: s-maj=15.2km s-min=9.0km az=164.0

IDC 09 03:56:58.1, 3.4, 23.04S, 177.11W, h119km, h99km, 30km, mb3.8/7, mb1.0/9, mb1mx3.9/13, Error ellipse: s-maj=38.1km s-min=15.3km az=161.0

ISC 09 03:56:45.3, 2.8, 23.06S, 0.09, 177.03W, 0.09, h98km, 27km, n36, r08/72, mb4.5/16, 2C, South of Fiji

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MSVF, URZ, RAR, etc.

JMA 09 04:06:06.5, 0.5, 23.69N, 122.22E, h25km, M2.3

TAP 09 04:06:04.8, 23.73N, 122.04E, h11km, 1km, Ml3.1, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like YOJ, HATJ, IRIF, etc.

IDC 09 04:13:17.9, 2.2, 15.77S, 172.97W, mb3.8/4, mb1.4/2.4, mb1mx3.9/13, MS3.5, Ms1.3, 5/2, ms1mx3.0/16, Error ellipse: s-maj=122.0km s-min=27.2km az=149.0, Samoa Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time Res, h, m, s, ISC. Includes stations like CALN Calern, LFR Foret Royal, LPG La Plagne, etc.

IDC 09 08:47:49.1±0.7, 34.00Sx72.07W, mb4.4/9, mb1 4.5/11, mb1mx4.5/12, ML4.1/2, MS4.4/6, Ms1 4.4/6, ms1mx4.1/13, Error ellipse: s-maj=26.4km s-min=21.6km az=79.0

BUI 09 08:47:51.8, 34.59S;71.66W, h24km, mb4.6, MS4.5, MSz4.6

GUC 09 08:47:51.0±0.9, 34.02S;72.25W, h7km, mb4.8, NEIC 09 08:47:53.2±1.3, 33.91S;72.15W, h25km, mb4.8/25, ML4.8(GUC), Error ellipse: s-maj=8.1km s-min=4.7km az=71.0

NEIC Felt (III) at Hualaen, Licanten, Pichilemu and Talca. SYO 09 08:47:55.9, 33.84S;72.07W, h45km, MB4.7

ISC 09 08:47:49.6±1.1, 33.98S;72.37W, 0.03, h13km±7km, n17, ±19/14/97, mb4.7/37, MS4.4/5, 13C-9D, Off coast of central Chile

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase, ID, Time Res, h, m, s, ISC. Includes stations like LLCH Lloilo, LNV Longovilo, LCHH Las Cruces, etc.

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase, ID, Time Res, h, m, s, ISC. Includes stations like LTX Lajitas, PPT Papeete, OXF Oxford, etc.

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase, ID, Time Res, h, m, s, ISC. Includes stations like MSLP Maasin, OCLP Ormoc, GUIM Jordan, etc.

HEL 09 09:00:00.9±0.1, 67.91N;25.63E, ML1.5, ML2.0(NAO), Explosion

NAO 09 09:00:01.0±3.4, 67.96N;26.14E, ML2.0

BER 09 09:00:03.0±1.0, 68.00N;26.20E, ML2.0(NAO)

ISC 09 08:59:59.6±0.7, 67.96N;0.04±25.8E, 0.1, n9, c078/12, Finland

Table of seismic events for Finland with columns: Code, Station Name, Az, Az', Phase, ID, Time Res, h, m, s, ISC. Includes stations like SGF Sodankyl, ARAO ARCESS Array S, etc.

IDC 09 08:45:42.2, 8.41S;148.10E, mb3.6/4, mb1 3.9/4, mb1mx3.7/10, Error ellipse: s-maj=94.4km s-min=34.2km az=109.0, Bismark Sea

WRA Warramunga Arr 20.45 220 P 09 13 24.7 -2.6

WRA 0.7nm, 0.2s, baz=37, slow=11, SNR=17

ASAR Alice Springs 23.54 214 P 09 13 57.9 -0.5

FITZ Fitzroy Crossi 25.84 236 P 09 14 18.4 -2.1

MAK Makanchi Array 76.98 320 P 09 20 40.7 -1.1

IDC 09 09:17:49.8±0.8, 0.2±7S;173.82W, mb4.1/9, mb1 4.1/11, mb1mx4.3/16, ML4.6/2, MS3.9/3, Ms1 3.9/3, ms1mx3.5/16, Error ellipse: s-maj=40.5km s-min=17.8km az=143.0

BUI 09 09:17:51.7, 20.20S;173.90W, h10km, mb4.6, MS4.2

Msz4.0
SYO 09 09:17:51.9, 2.0, 11s, 173.94W, h10km, MB4.5
NEIC 09 09:17:51.7, 0.2, 2.0, 18s, 173.92W, h10km, mb4.5/9, Error
ellipse: s-maj=12.2km s-min=5.6km az=142.0
ISC 09 09:17:50.1, 0.4, 2.0, 23s, 0.10, 173.94W, 0.09, h10km, n40,
o=65/35, mb4.2/18, MSZ, 9/3, 2D, Tonga Islands

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

SKHL 09 09:28:20.2, 0.2, 52.99N, 142.84E, h11km, 2km, mb3.8/3, Sakhalin Island
PDG 09 09:33:20.9, 0.3, 41.69N, 20.17E, h8km
NEIC 09 09:33:20.9, 41.69N, 20.17E, h8km, MD3.6(PDG), MD3.0(ATH), After PDG.

TIR 09 09:33:20.4, 41.73N, 20.17E, h13km, M13.4
IDC 09 09:33:21.0, 5.5, 41.59N, 20.11E, mb3.32, mb1 3.6/3, mb1mx3.5/19, ML3.7/1, Error ellipse: s-maj=93.3km s-min=38.2km az=39.0
THE 09 09:33:23.4, 41.66N, 20.33E, h1km, ML3.7
ISC 09 09:33:21.4, 0.3, 41.71N, 0.01, 20.16E, 0.02, h9km, 2km, n76, e192/128, 14C-6D, Albania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Albania region.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Taiwan region.

TAP 09 09:36:22.0, 2.4, 56N, 122.91E, h98km, 1km, ML3.4
JMA 09 09:36:22.4, 0.1, 24.67N, 122.89E, h96km, 1km, M2.3
ISC 09 09:36:21.7, 1.7, 24.7N, 0.2, 122.89E, 0.69, h99km, 14km, n9, e09/59/15, Taiwan region

GUC 09 09:40:10.9, 0.8, 35.02S, 70.54W, h5km, MD3.5, ML2.6, 9C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile-Argentina border region.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Luzon region.

HEL 09 10:00:12.3, 0.1, 59.82N, 22.28E, ML2.1, ML2.8(UPP), ML2.5(NAO), Explosion
IDC 09 10:00:12.9, 2.0, 59.89N, 22.37E, mb1 3.3/3, mb1mx3.1/18, ML3.1/3, Error ellipse: s-maj=23.2km s-min=11.4km az=166.0
BER 09 10:00:13.5, 3.0, 59.93N, 22.23E, ML2.5(NAO), Suspected explosion
NAO 09 10:00:14.1, 2.3, 60.11N, 22.27E, ML2.5
ISC 09 10:00:10.8, 0.5, 60.05N, 0.06, 22.22E, 0.06, n23, e19/26/38, Finland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Finland region.

ISC 09 10:35:33.1, 4.1, 36.91N, 0.08, 27.75E, 0.05, h10km, n7, e182/103, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Dodecanese Islands region.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LFU La Fuente, BOQS Boqueron, SBLs San Blas, etc.

JMA 09 13:31:56.4+1.7, 32.6N, 0.2-137.7E, h407km, M3.7
ISC 09 13:31:56.4+1.7, 32.6N, 0.2-137.7E, h407km, M3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWZ Kozaga, JHU2 Mitsune, JAI Aioi, etc.

SYO 09 13:34:17.7, 4.89N, 95.34E, h60km, MB4.7
BUI 09 13:34:18.9, 4.62N, 95.44E, h97km, mb4.6
NEIC 09 13:34:19.6, 1.1, 4.87N, 95.29E, h79km, mb4.5/14

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPoh, CMAR Chiang Mai Arr, CMAR, etc.

ISC 09 13:34:18.2+1.8, 4.74N, 0.07-95.22E, h107, h80km, 16km, n61, c1507/58, mb4.5/32, 1C-3D, Northern Sumatera

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPoh, CMAR, PALK, Qiongzhong, HYB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OJC Ojcow, ARCES ARCES Array B, GYRES GYRES Array B, etc.

NIED 09 14:13:00, 33.00N, 136.80E, h11km, Mw3.5, Best double couple: M2.197x1014 NP1.9x106, d70, l109, NP2: phi241, phi27, lambda49

JMA 09 14:13:21.4+1.2, 33.09N, 0.08-136.75E, h38km, M1.4, c054/26, 10D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWZ Kozaga, TK01 Tokai 1, TK02 Tokai 2, etc.

PGC 09 14:16:50.6, 49.73N, 127.09W, h27km, 6km, ML3.6/34
PGC Near Neotomas Island, British Columbia Felt (I-II) at Alert Bay, Zeballos, Tahsis and Kyuquot.

NEIC 09 14:16:51.0, 49.73N, 127.09W, h27km, ML3.6(PGC), After PGC.

NEIC Felt at Alert Bay, Kyuquot, Tahsis and Zeballos. ISC 09 14:16:49.3+0.5, 49.74N, 0.03-127.27W, 0.05, h33km, 4km, n54, c1917/73, 1D, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDB Eliza Dome, BPC Brooks Peninsula, ETB Estevan Point, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VGZ, OSD Olympics-Snow, HNB Haney, etc.

ISC 09 14:21:01.3, 36.40N, 4.58W, h91km, MG3.0(MDD), After MDD

MDD 09 14:21:01.8+0.7, 36.41N, 4.57W, h88km, 4km, mb3.0/16, Error ellipse: s-maj=6.4km s-min=4.0km az=166.0, PZM10

INMG 09 14:21:02.9, 1.1, 36.47N, 4.61W, h86km, 4km, ML2.9, Error ellipse: s-maj=4.3km s-min=2.9km az=166.0

LDG 09 14:21:03.9, 0.7, 36.76N, 4.95W, h10km, M3.6/4, Error ellipse: s-maj=5.1km s-min=5.1km az=165.0

ISC 09 14:21:02.0+0.7, 36.69N, 0.04-4.63W, 0.03, h92km, 4km, n49, c1919/90, 5C-4D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMUJ Mijas, EMAL Malaga-Limoner, REAL Reales, etc.

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

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

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

IDC 09 14:26:10.1, 1.33.79Sx179.09W, mb4.1/3, mb1.4/2/4, mb1mx4.1/11, ML4.3/1, Error ellipse: s-maj=36.0km s-min=32.6km az=82.0

NEIC 09 14:26:11.0, 0.8, 33.96Sx179.22W, h10km, mb4.2/3, Error ellipse: s-maj=21.1km s-min=9.6km az=102.0

ISC 09 14:26:14.7, 1.7, 34.16Sx179.00W, 0.2, h5km, 1/1km, n52, r125/53, mb4.1/6, 2D, South of Kermadec Islands

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

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

NIED 09 14:36:00.4, 1.90N, 142.30E, h59km, Mw4.8 Best double couple: M2.02x10^16 NP1:phi=22, delta=5, lambda=70. NP2:phi=243, delta=1, lambda=127.

BUI 09 14:36:54.2, 4.1, 87N, 142.38E, h79km, mb5.0, mb4.8, Ms4.0, Msz3.9

NEIC 09 14:36:54.7, 0.9, 42.08N, 142.22E, h51km, mb4.8, mb4.8/1, Ms4.2, MW4.8(NIED), Error ellipse: s-maj=6.4km s-min=5.1km az=154.0

NEIC recorded [2 JMA] in the Chitose and Shizunai-Urakawa areas: [1 JMA] in the Tomakomai area and south-central Hokkaido. Also recorded [1 JMA] in Aomori and Iwate Prefectures, Honshu.

MOS 09 14:36:54.9, 1.4, 91N, 142.28E, h71km, mb4.7/24, Error ellipse: s-maj=12.9km s-min=7.2km az=104.0

JMA 09 14:36:55.0, 0.2, 41.93N, 142.31E, h68km, 3km, M4.6 Broadband fault plane solution: P waves. NP1:phi=216, delta=16, lambda=115. NP2:phi=10, delta=75, lambda=83. Principal axes: T P1g59, Azm271; N P1g7, Azm12; P P1g30, Azm106; JMA Felt II.

SKHL 09 14:36:56.6, 3.1, 42.01N, 142.53E, h51km, 4km, mb6.6/1, Ms4.2/1, msh6.1/1

IDC 09 14:36:56.6, 0.5, 42.01N, 142.16E, h68km, 3km, mb4.1/22, mb1.4/2/2/7, mb1mx4.2/30, MS3.8/13, Ms1.3/8/13, ms1mx3.6/29, Error ellipse: s-maj=12.8km s-min=8.3km az=111.0

ISC 09 14:36:54.9, 0.2, 41.93N, 142.29E, 0.03, h72km, h72km, 2.0km, p-P, n212, r1906/225, mb4.5/70, 14C-16D, Hokkaido region

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

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

MAJO Matsushiro 6.25 212 eP P 14 38 26.8 +0.4

MAT Matsushiro 6.25 212 eP S 14 38 26.1 +0.3

MAT Matsushiro 6.25 212 eP S 14 39 34.0 -3.1

MAT Matsushiro 6.25 212 eP S 14 38 26.0 -0.4

VLA Vladivostok 7.77 282 eS S 14 39 50.0 -2.1

TYV Tychojok 8.94 1 eP P 14 39 01.9 -1.5

JHJ Hachioji jima 2 9.02 194 P P 14 39 00.8 -3.7

JHJ comp=E, 9.8nm, 0.3s, baz=78, slow=23, SNR=6.7 S 14 40 38.1 -7.4

MDJ Mudanjiang 9.64 290 P P 14 39 15.0 +2.0

MDJ comp=Z, 18nm, 0.7s AMB AMB

MDJ comp=Z, 84nm, 4.7s AMB AMB

GRN Mudanjiang 9.64 290 eP P 14 39 14.8 +1.8

GRN Gornyy 9.72 372 eP P 14 39 14.0 0.0

GRNR comp=Z, 20nm, 0.8s AMB AMB

GRNR comp=Z, 8.0nm, 0.8s AMB AMB

KLR Kuf'dur 10.38 318 eP P 14 39 24.2 +1.3

KLR comp=Z, 16nm, 0.8s AMS AMS

KLR comp=Z, 600nm, 12.0s AMS AMS

KN2 Changchun 12.50 284 eS P 14 39 53.2 +1.8

KN2 comp=Z, 10.0nm, 0.8s S 14 42 08.4 -2.0

CNU comp=Z, 200nm, 5.0s AMB AMB

JNU Nakatsue 12.62 229 P P 14 39 52.6 -0.4

JNU comp=Z, 0.5nm, 0.3s, baz=135, slow=36, SNR=1.8 LR LR

EKKM Ekimchan 12.79 334 eP P 14 39 55.9 +0.6

EKKM comp=Z, 6.0nm, 0.8s AMB AMB

CBJI Chichi jima 14.80 180 P P 14 40 22.6 +1.0

CBJI comp=Z, 5.5nm, 0.3s, baz=229, slow=24, SNR=2.6 AMS AMS

EADA	Adamuz	69.13	55	P	P	16 44 25.9	-0.6
EMIJ	Mijas	69.17	57	P	P	16 44 27.5	+0.8
MCHI	Roostrenen	69.19	40	eP	P	16 44 25.8	-0.6
MCHS	Roostrenen	69.19	44	eP	P	16 44 26.7	+0.1
HLM1	Long Mynd	69.23	40	eP	P	16 44 26.0	-0.8
HLM1	Long Mynd	69.23	40	eP	AMB	16 44 36.6	
ESY	Stoneypath	69.28	36	eP	AMB	16 44 25.4	-1.7
ESY	Stoneypath	69.28	36	eP	AMB	16 44 36.6	
QUIF	Quistine	69.29	45	eP	P	16 44 27.3	+0.1
HGH	Gray Hill	69.31	41	eP	P	16 44 27.1	-0.2
HGH	Gray Hill	69.31	41	eP	AMB	16 44 37.3	
SDPT	Sonsecq Array	69.32	323	eP	P	16 44 26.6	-0.7
ESDC	Sonsecq Array	69.34	54	P	P	16 44 28.7	+0.4
ESDC	Sonsecq Array	69.34	54	P	LR	17 12 31.1	
ESDC	Sonsecq Array	69.34	54	P	LR	16 44 28.8	+0.5
HAE	Alders End	69.45	40	eP	AMB	16 44 27.7	-0.5
HAE	Alders End	69.45	40	eP	AMB	16 44 38.8	
ELAN	Lanesae	69.47	50	P	P	16 44 27.8	-0.7
ELOJ	Sierra Loja	69.56	59	P	P	16 44 29.8	+0.5
SGMF	Saint Gilles	69.57	44	eP	P	16 44 29.3	-0.3
WALI	Walls	69.75	32	eP	P	16 44 27.6	-2.2
LHO	Holmfirth	69.80	39	eP	P	16 44 29.9	-0.4
KWE	Weaver Farm	69.84	39	eP	P	16 44 29.8	-0.6
ERON	Agron	69.88	56	P	P	16 44 31.9	+0.9
HPK	Haverah Park	69.92	38	eP	P	16 44 30.2	-0.8
SANI	Sandwick	69.95	32	eP	P	16 44 29.1	-1.9
LCP	Cassop	69.97	37	eP	P	16 44 30.0	-0.9
KB1I	Birley Grange	70.00	35	P	P	16 44 30.2	-1.4
EQES	Quesada	70.06	55	P	P	16 44 33.4	-0.6
LRVY	La Roche-sur-Y	70.50	46	eP	P	16 44 34.5	-0.1
EVIA	Vianos	70.69	55	P	P	16 44 36.4	+0.4
OLEF	Ile d'Oleron	70.69	47	eP	P	16 44 36.3	+0.5
ETOR	Torete	70.76	52	P	P	16 44 36.6	+0.3
GRR	Gorron	70.79	44	eP	P	16 44 36.3	-0.1
EALK	Alkurnrut	70.88	50	P	P	16 44 36.9	-0.1
FLN	La Foliniere	71.01	44	eP	P	16 44 37.6	-0.1
FLN	La Foliniere	71.01	44	eP	eR		
OSSF	Osses	71.05	50	eP	P	16 44 37.7	-0.3
SJPF	St Jean	71.09	50	eP	P	16 44 38.8	+0.5
LDF	La Druitiere	71.26	44	eP	P	16 44 39.0	-0.2
LARF	Larrau	71.28	50	eP	P	16 44 40.2	+0.8
ORDF	Ordiarp	71.29	50	eP	P	16 44 38.3	-1.2
ETOB	Tobara	71.33	45	eP	P	16 44 40.3	-0.2
MFF	Saint Martin d	71.54	46	eP	P	16 44 40.4	0.0
KIP	Kipapa	71.48	287	PFAKE	LR	16 44 50.0	+9.0
KIP	Kipapa	71.48	287	PFAKE	LR		
ETSF	Etsaut	71.61	50	eP	P	16 44 41.8	+0.4
FDAP	Les Forges d'A	71.61	50	eP	P	16 44 41.9	+0.5
REYF	Montagny de R	71.70	50	eP	P	16 44 42.0	0.0
ESAC	San Caprasio	71.83	51	P	P	16 44 42.4	-0.3
EMOS	Mosqueruela	72.01	53	P	P	16 44 44.0	+0.2
VIEF	Viey	72.03	50	eP	P	16 44 44.5	+0.6
LABF	Labassere	72.05	50	eP	P	16 44 42.6	-1.4
LABF	Labassere	72.05	50	eP	P	16 44 44.3	+0.3
EFI	East Falkland	72.12	165	PFAKE	LR	16 45 00.0	+16
EFI	East Falkland	72.12	165	PFAKE	LR		
EPF	Esparrros	72.24	50	eP	P	16 44 45.5	+0.3
LFF	La Frestale	72.27	48	eP	P	16 44 45.4	+0.1
RESF	Ens	72.27	50	eP	P	16 44 46.2	+0.9
EGRA	Graus	72.34	51	P	P	16 44 45.8	0.0
EBEN	Beniarda	72.55	54	P	P	16 44 47.8	+1.4
TNA	Tin City	72.45	34	PFAKE	LR	16 45 00.0	+14
TNA	Tin City	72.45	34	PFAKE	LR		
MELF	Melles	72.47	50	eP	P	16 44 48.0	+0.9
RBL	Ebro Roquetas	72.67	52	eP	P	16 44 48.5	+0.7
RJF	Les Rejaudoux	72.77	47	eP	P	16 44 48.1	-0.1
RJF	Les Rejaudoux	72.77	47	eP	eR		
MLS	Mouils	72.80	50	eP	P	16 44 48.4	-0.1
SALF	Salau	72.90	50	eP	P	16 44 49.7	+0.6
UNV	Unalaska Valle	72.92	322	eP	P	16 44 47.8	-1.2
UNV	Unalaska Valle	72.92	322	eP	LR		
FOO	Flo	72.93	30	eP	AMB	16 44 50.5	+1.7
FOO	Flo	72.93	30	eP	AMB	16 44 58.8	
FOO	Flo	72.93	30	eP	P	16 44 50.5	+1.7
EPOB	Poblet	73.03	51	P	P	16 44 50.0	+0.2
TCF	Toulx Ste Croi	73.11	46	eP	P	16 44 49.7	-0.5
USHA	Ushuaia	73.16	172	LR	LR	17 16 47.2	
CAF	Calviac	73.21	48	eP	P	16 44 50.8	0.0
HYF	Humbigny	73.26	45	eP	P	16 44 51.3	+0.2
EMIR	Miracle	73.27	51	P	P	16 44 51.4	+0.2
KBS	Kingsbay	73.36	12	eP	P	16 44 50.7	-0.4
KBS	Kingsbay	73.36	12	eP	ePP		
KBS	Kingsbay	73.36	12	eP	eS		
KBS	Kingsbay	73.36	12	eP	eSS		
KBS	Kingsbay	73.36	12	eP	AMS		
KBS	Kingsbay	73.36	12	eP	AMS		
KBS	Kingsbay	73.36	12	eP	PFAKE		
KBS	Kingsbay	73.36	12	eP	LR		
VERF	Verneuhoul	73.38	47	eP	P	16 44 51.7	-0.1
BGF	Bois d'Agland	73.51	46	eP	P	16 44 52.3	-0.2
HYA	Hoyanger	73.53	30	eP	AMB	16 44 52.4	+0.1
HYA	Hoyanger	73.53	30	eP	AMB	16 45 03.9	
HYA	Hoyanger	73.53	30	eP	P	16 44 53.4	+1.1
MTLF	Montlieux	73.56	49	eP	P	16 44 52.9	0.0
VALF	Valceboillere	73.56	50	eP	P	16 44 53.6	+0.7
PVM	Petit Puy Mans	73.61	47	eP	P	16 44 50.1	+0.1
AVF	Avril sur Loir	73.82	45	eP	P	16 44 53.9	-0.4
SSF	Saint Saulege	73.88	45	eP	P	16 44 54.0	-0.7
BAIF	Baive	73.89	42	eP	P	16 44 54.6	-0.1
LBL	Lubihac	73.99	47	eP	P	16 44 55.9	+0.6
LOR	Lormes	74.08	45	eP	P	16 44 55.6	-0.2
LOR	Lormes	74.08	45	eP	eR		
SMF	Signal de Mont	74.17	46	eP	P	16 44 56.0	-0.4
EJON	La Jonquera	74.19	50	P	P	16 44 55.9	-0.6
COLF	Collangettes	74.25	47	eP	P	16 44 57.1	-0.2
GIVF	Givet	74.28	42	eP	P	16 44 56.9	0.0
LASF	Ste Croix	74.61	48	eP	P	16 44 59.5	+0.6
MEZF	Maizieres J'vi	74.68	44	eP	P	16 44 59.4	+0.1
HGN	Heimansgroeve	74.87	41	eP	P	16 45 00.1	-0.2
HGN	Heimansgroeve	74.87	41	eP	i x	16 45 03.5	
HGN	Heimansgroeve	74.87	41	eP	x	16 45 09.1	
HGN	Heimansgroeve	74.87	41	eP	i x	16 45 09.1	
HGN	Heimansgroeve	74.87	41	eP	eS	16 54 39.8	+5.5
WIT	Witteveen	74.98	39	eP	P	16 45 02.6	+1.7
WIT	Witteveen	74.98	39	eP	e x	16 45 10.9	
VIVF	Saint-Julien-I	75.05	47	eP	P	16 45 02.2	+0.7
TIC	Toumoudi	75.18	88	eP	P	16 45 02.2	-0.7
WLF	Waferdange	75.20	42	eP	P	16 45 02.3	-0.1
WLF	Waferdange	75.20	42	eP	e	16 45 11.2	+0.6
WTSB	Wintersgruy	75.20	40	eP	P	16 45 02.6	+0.4
WTSB	Wintersgruy	75.20	40	eP	i x	16 45 05.6	
WTSB	Wintersgruy	75.20	40	eP	x	16 45 11.0	
WTSB	Wintersgruy	75.20	40	eP	x	16 45 10.3	-0.4
LIC	Lamto	75.30	88	eP	P	16 45 03.3	-0.2
LIC	Lamto	75.30	88	eP	P	16 45 03.3	-0.2
DBIC	Dimbokro	75.33	88	P	P	16 45 03.9	+0.2
DBIC	Dimbokro	75.33	88	P	LR	17 16 22.5	
THEF	They Montfort	75.34	44	eP	P	16 45 03.3	+0.2
KONO	Kongsberg	75.42	32	eP	Px	16 45 39.3	
KONO	Kongsberg	75.42	32	eP	e	16 55 06.5	
KONO	Kongsberg	75.42	32	eP	AMS	17 15 16.9	
KONO	Kongsberg	75.42	32	eP	PFAKE	16 45 20.0	+1.7
KONO	Kongsberg	75.42	32	eP	LR		
KOC	Kosan Boka	75.53	88	eP	P	16 45 04.3	-0.5
KIC	Saint Nazaire	75.54	47	eP	P	16 45 05.2	+0.9
OG26	St-Nazaire-De	75.54	47	eP	P	16 45 05.2	+0.9
PRAF	Pradon	75.59	48	eP	SS	16 54 12.2	+4.3
PPT	Papeete	75.59	246	eSS	SS	17 05 35.9	
PPT	Papeete	75.59	246	eSS	eR	17 08 41.3	
HAU	Haudoupre	75.62	44	eP	P	16 45 04.6	-0.1
HAU	Haudoupre	75.62	44	eP	eR		
NSS	Namsos	75.63	26	eS	SS	16 54 42.1	-0.3
NSS	Namsos	75.63	26	eS	AMS	16 59 35.0	+1.5
NSS	Namsos	75.63	26	eS	AMS	17 18 39.7	
CABF	La Chapelle	75.70	45	eP	P	16 45 05.1	-0.1
RUF	Ruppelstein	75.77	42	eP	P	16 45 06.2	+0.7
TREP	Trevaresse	75.78	48	eP	P	16 45 06.9	+1.2
MUD	Monsted Ugrnd	75.78	35	iP	P	16 45 06.2	+0.8
MUD	Monsted Ugrnd	75.78	35	iP	i S	16 54 51.1	+6.9
GIMF	Gimel	75.84	45	iP	P	16 45 06.0	+0.1
SMRF	Simiane la Rot	75.84	48	eP	P	16 45 06.9	+0.9
BJO	Bjornoya	75.85	16	AMS	AMS	17 17 29.7	
ORIF	Oris-en-Rattie	75.88	47	eP	P	16 45 06.8	+0.6
ORIF	Oris-en-Rattie	75.88	47	eP	eR		
BRANT	Les Verrieres	75.90	45	iP	P	16 45 06.6	+0.3
NB2	NORSAR Subarra	75.96	30	P	P	16 45 06.4	+0.1
NB2	NORSAR Subarra	75.96	30	P	P	16 45 06.4	+0.1
NOA	NORSAR Array B	75.96	30	P	P	16 45 06.2	-0.1
NOA	NORSAR Array B	75.96	30	P	LR	17 13 59.1	
NOA	NORSAR Array B	75.96	30	P	LR	16 45 06.2	-0.1
NOA	NORSAR Array B	75.96	30	P	LR	16 45 06.6	-0.2
PUYF	Puylobier	76.02	48	eP	P	16 45 07.3	+0.3
ABH	Alteburg	76.05	42	eP	P	16 45 07.3	+0.3
BERF	Bertagne	76.06	49	eP	P	16 45 08.1	+0.9
LOMF	Lomont	76.06	44	eP	P	16 45 07.3	+0.1
EGH	Echery	76.11	41	eP	P	16 45 07.5	+0.1
OG25	Le Caire	76.12	48	eP	P	16 45 08.4	+0.8
CDF	Champ du Feu	76.15	43	eP	P	16 45 07.7	0.0
OG01	Vacheresse	76.16	46	eP	P	16 45 08.1	+0.3
MOF	Molkernrain	76.17	44	eP	P	16 45 07.6	-0.2
WLS	Welschbruch	76.20	43	eP	P	16 45 07.8	-0.1
RSL	Roselend	76.25	46	eP	P	16 45 08.6	+0.3
TAVF	Tavernes	76.26	48	eP	P	16 45 09.1	+0.7
TORNY	Torny	76.26	45	iP	P	16 45 08.6	+0.3
MORR	Moi Rana	76.30	25	eP	P	16 45 10.0	+1.8

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like Neumayer-Watz, Tsey, SNAE, WAKE, BOD, YSS, ZRNK, BRVK, BVAR, KURK, MBAR, SNZO, MDJ, SBA, LSZ, CN2, MKAR, MKAR, MKAR, ULN, MAJO, SONM, AAK, SYO, KMBO, WMQ, INCN, BJI, HHC, HHC, HHC, GTA, GUMU, MAW, LZH, SSE, SSE, SSE, NJ2, XAN, WHN, CASY, ENH, CD2, CD2, CD2, CNB, LSA.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like LSA, KOLN, GKN, KKN, DMN, PKI, TOO, CTA, CTA, CTA, GYA, GYA, GYA, SHL, KMI, KMI, KMI, STKA, STKA, HYB, HYB, QI, QI, NANT, CHG, CMAR, BDT, KKT, WB2, WRAB, WRAB, WRA, PPR, ASPA, KAKA, PALK, NNT, NNT, FORT, KKM, DGAR, FITZ, SNG, IPM, MBWA, IDC 09 16:35:56, NEIC 09 17:16:04, ISC 09 16:36:03, Code Station Name, WAO, PMG, CTA, KAKA, WRAB, WB2, WRA, WRA, GUMU, ASAR, ASAR, ASPA, FITZ, STKA, STKA, NEIC 09 17:11:38, GUC 09 17:11:38, SFDO, CICH, CACH, CACH, CHC, LMEL, LMEL, ANTU, ANTU, FSR, FSR, SAN, SAN, SAN.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like DSCH, CLCH, CLCH, CLCH, LCCB, LCCI, CCHI, CCHI, COCH, COCH, COCH, JACH, JACH, GUMU, GUMU, SAPP, SAPP, SARJ, SARJ, MAJO, MAJO, CTA, CTA, WRAB, WRAB, WB2, WRA, WRA, WRA, MDJ, MDJ, FITZ, FITZ, ASPA, STKA, MKAR, KURK, ILAR, BVAR, BRVK, ZRNK, INK, DLBC, DLBC, YBH, YKA, YKA, NEW, TPH, HLID, ELK, FINES, HWUT, DBIC, LPAZ, LPAZ, MOS 09 17:14:07, IDC 09 17:14:09, NEIC 09 17:14:02, BJI, NNC, ISC 09 17:14:11, Code Station Name, CHCP, THW, SBPD, KSH, KSH, KSH, SARP, DRP, AML, UCH, EKS2, AAK, AAK, KK31, KKAR, KKAR, KBK, CHMS, USP.

10d 2h

XAN	comp=E,5um,12.8s,MS5.4	LR	LR			
ENH	comp=Z,6um,12.8s,MS5.3	23.16 270	eP	P	02 11 05.7 +1.3	
ENH	comp=Z,379nm,1.4s,mb5.6		LR	LR		
LQP	comp=Z,8um,19.0s,MS5.2	23.31 219	eP	P	02 11 06.6 +0.6	
TGY	Tagaytay City	23.64 221	P	P	02 11 09.5 +0.3	
LUBP	comp=Z,1um,0.5s,baz=8,slow=15,SNR=25	24.32 221	eP	P	02 11 14.3 -1.6	
CLNS	Chul'man	25.05 345	iP	P	02 11 24.1 +1.6	
CLNS			e	S	02 11 56.3	
CLNS			i	S	02 14 57.5	
CLNS			eSS	SS	02 15 44.4 +2.0	
CLNS	comp=Z,10.0nm,0.8s,mb4.4		pmax	pmax	02 16 47.7 +5.3	
CLNS	comp=N,19nm,0.9s		pmax	pmax		
CLNS	comp=E,7.0nm,1.0s		pmax	pmax		
CLNS	comp=Z,29nm,0.9s,mb4.8		pmax	pmax		
CLNS	comp=N,18nm,1.2s		pmax	pmax		
CLNS	comp=E,8.0nm,0.8s		pmax	pmax		
CLNS	comp=N,7.0nm,0.8s		pmax	pmax		
CLNS	comp=E,11nm,0.9s		pmax	pmax		
CLNS	comp=Z,7.0nm,0.9s		MLR	MLR		
CLNS	comp=N,12um,14.0s,MS5.6		MLR	MLR		
CLNS	comp=Z,13um,14.0s,MS5.6		MLR	MLR		
SCPH	Surigao	25.34 206	iP	S	02 15 49.3 +1.7	
SCPH			eS	S	02 16 06.8 +1.9	
PET	Petropavlovsk	25.47 32	eP	P	02 11 29.1 +2.7	
PET	comp=N,97nm,1.1s		pmax	pmax		
PET	comp=Z,117nm,1.1s,mb5.3		pmax	pmax		
PET	comp=E,37nm,0.5s		pmax	pmax		
PET	comp=Z,300nm,11.6s		pmax	pmax		
PET	comp=N,100nm,10.4s		pmax	pmax		
PET	comp=E,200nm,12.9s		MLR	MLR		
PET	comp=N,5um,19.0s,MS5.1		MLR	MLR		
PET	comp=Z,6um,19.0s,MS5.1		MLR	MLR		
PET	comp=E,3um,12.0s		MLR	MLR		
PET	comp=Z,6um,17.0s		MLR	MLR		
PET	comp=N,5um,16.0s		MLR	MLR		
PET	comp=E,2um,16.0s,MS5.1		MLR	MLR		
PET	Petropavlovsk	25.47	32	eP	P	02 11 27.0 +0.6
PET	comp=E,132nm,1.2s,mb5.3		LR	LR		
ULN	comp=Z,5um,19.0s,MS5.1	26.63 312	PFAKE	LR	02 11 50.0 +1.3	
ULN	Ulaanbaatar	26.63 312	PFAKE	LR		
GYA	comp=Z,8um,19.0s,MS5.3	26.69 264	iP	S	02 11 38.4 +0.4	
GYA	Guiyang	26.69 264	iP	S	02 16 12.2 +2.3	
GYA			S	AMB		
LZH	comp=Z,520nm,5.6s	27.00 286	iP	P	02 11 41.4 +0.7	
LZH	Lanzhou	27.00 286	iP	P	02 11 53.4 +5.3	
LZH			XP	S	02 11 57.3 +5.8	
LZH			S	AMB	02 16 19.0 +4.2	
LZH	comp=Z,320nm,1.5s,mb5.6		AMB	AMB		
LZH	comp=Z,1um,6.2s		P	P	02 11 40.5 -0.4	
SOMM	Songino Array	27.03 312	P	P	02 11 52.3 +5.4	
QIZ	comp=Z,15nm,0.7s,mb4.7,baz=120,slow=9.5,SNR=46	27.66 246	PP	P	02 12 39.2 +3.6	
QIZ	Qiongzong	27.66 246	PP	P	02 16 32.1 +6.4	
QIZ			S	S	02 18 45.6	
QIZ	comp=N,5um,15.0s,MS5.4		LR	LR		
QIZ	comp=E,7um,15.3s,MS5.4		LR	LR		
QIZ	comp=Z,5um,14.1s,MS5.3	27.66 246	PFAKE	LR	02 12 00.0 +1.3	
QIZ	Qiongzong	27.66 246	PFAKE	LR		
CD2	comp=Z,3um,19.0s,MS4.9	27.81 274	iP	P	02 11 47.4 -0.8	
CD2	Chengdu	27.81 274	iP	P	02 12 37.9 +0.4	
CD2			S	AMB	02 16 28.1 +0.1	
CD2	comp=Z,150nm,0.7s,mb5.7		AMB	AMB		
MA2	comp=Z,850nm,10.8s	28.13 150	eP	S	02 11 50.4 -0.3	
MA2	Magadan	28.13 150	eP	S	02 16 28.8 -3.9	
MA2	comp=Z,40nm,1.1s,mb5.0		pmax	pmax		
MA2	comp=Z,29um,15.0s,MS6.0		MLR	MLR		
MA2	Magadan	28.13 15	eP	P	02 11 49.1 -1.6	
MA2	comp=Z,58nm,1.0s,mb5.2		LR	LR		
MA2	comp=Z,2um,21.0s,MS4.7	29.07 335	eP	P	02 11 55.0 -4.2	
BOD	Bodaibo	29.07 335	eP	P	02 12 00.4 -0.7	
YAK	Yakutsk	29.28 353	eP	P	02 12 52.9	
YAK			e	PPP	02 13 01.1 -8.4	
YAK			e	PPP	02 15 05.2	
YAK			eS	S	02 16 48.5 -2.7	
YAK	comp=Z,20nm,1.1s,mb4.8		pmax	pmax		
YAK	comp=N,17nm,1.3s		pmax	pmax		
YAK	comp=E,3.0nm,1.0s		pmax	pmax		
YAK	comp=N,11nm,1.1s		pmax	pmax		
YAK	comp=Z,18nm,1.1s,mb4.7		pmax	pmax		
YAK	comp=E,14nm,1.1s		pmax	pmax		
YAK	comp=E,6.0nm,1.4s		pmax	pmax		
YAK	comp=Z,5.0nm,0.7s		pmax	pmax		
YAK	comp=N,6um,13.0s,MS5.4		MLR	MLR		
YAK	comp=Z,6um,13.0s,MS5.4		MLR	MLR		
YAK	comp=E,2um,12.0s,MS5.4	29.28 353	eP	LR	02 11 58.7 -2.4	
YAK	Yakutsk	29.28 353	eP	LR		
ZAK	comp=Z,7um,19.0s,MS5.3	29.89 315	eP	P	02 12 05.7 -1.0	
ZAK	Zakamensk	29.89 315	eP	P	02 12 07.9 -0.9	
GTA	Gaotai	30.12 293	P	P	02 13 08.6 +1.2	
GTA			PP	P	02 15 08.4 -1.6	
GTA			PP	P	02 17 07.7 +2.9	
GTA			SS	SS	02 17 18.8	
GTA			SS	SS	02 18 49.3 +6.3	
GTA			SS	SS	02 22 41.2 -2.3	
GTA	comp=Z,208nm,4.2s		LR	LR		
GTA	comp=N,4um,20.5s,MS5.2		LR	LR		
GTA	comp=E,4um,20.9s,MS5.2		LR	LR		
GTA	comp=Z,6um,21.3s,MS5.2		LR	LR		

2004 SEP

KMI	Kunming	30.47 264	eP	P	02 12 11.5 -0.5
KMI			S	S	02 17 12.7 +2.3
KMI			S	AMB	
SMY	comp=Z,302nm,5.7s	33.28 43	PFAKE	LR	02 12 50.0 +1.4
SMY	Shemaya	33.28 43	PFAKE	LR	
NANT	comp=Z,6um,21.0s,MS5.3	35.03 255	iP	P	02 12 51.0 -0.8
NANT	Nan	35.03 255	iP	P	
CMG	comp=Z,75nm,1.0s,mb5.6	36.45 256	P	P	02 13 09.0 +5.2
CMG	Chiang Mai	36.45 256	P	P	02 13 05.3 0.0
CHR	Chiang Mai Arr	36.63 266	P	P	
CHR	comp=Z,2.4nm,0.7s,mb4.2,baz=47,slow=8.3,SNR=11	37.17 251	P	P	02 13 00.0 -1.0
NST	Nakhon Sawan	37.17 251	P	P	02 13 11.0 +0.8
BDT	Bhumibol Dam	37.22 254	P	P	02 13 23.2 +1.0
LSA	Lhasa	38.65 278	P	P	02 13 35.0 +2.0
LSA			XP	S	02 14 55.0 +0.5
LSA			PP	SS	02 19 21.0 +4.2
LSA			PP	SS	02 13 30.0 +6.7
TIXI	Tiksi	38.83 356	PFAKE	LR	
TIXI			LR	LR	
WMQ	comp=Z,2um,21.0s,MS5.0	39.20 300	P	P	02 13 26.3 -0.3
WMQ	Urumqi	39.20 300	P	P	02 13 30.9 -3.3
WMQ			AP	PP	02 15 00.4 -0.1
WMQ			PP	PP	02 19 26.3 +1.4
WMQ			SS	SS	02 22 10.7 +0.1
WMQ	comp=Z,62nm,1.2s,mb5.2		LR	LR	
WMQ	comp=N,3um,22.0s,MS5.4		LR	LR	
WMQ	comp=E,4um,20.0s,MS5.4		LR	LR	
SHL	comp=Z,4um,23.0s,MS5.2	39.40 271	eP	S	02 13 28.7 +0.2
SHL	Shilong	39.40 271	eP	S	02 19 30.0 +1.8
SHL			eS	S	02 13 40.0 +8.9
MIDW	Midway	39.72 84	PFAKE	LR	
MIDW			LR	LR	
NVS	comp=Z,2um,21.0s,MS4.8	42.81 317	iP	P	02 13 55.1 -1.0
NVS	Novosibirsk	42.81 317	iP	P	02 15 35.9
NVS			eS	S	02 20 20.7 +2.3
NVS	comp=E,38nm,1.5s		pmax	pmax	
NVS	comp=Z,46nm,1.5s,mb5.0		pmax	pmax	
NVS	comp=E,94nm,3.3s		pmax	pmax	
NVS	comp=N,301nm,3.8s		pmax	pmax	
MKAR	Makanchi Array	42.95 305	P	P	02 13 57.1 -0.2
MKAR	comp=N,31nm,0.6s,mb5.2,baz=92,slow=9.4,SNR=183	42.95 305	P	P	02 20 26.1 +5.5
MKAR			S	S	
MKAR	comp=N,0.7nm,0.9s,baz=243,slow=14,SNR=1.9	42.95 305	P	P	02 32 52.7
MKAR	Koldanda	42.95 305	P	P	
MKAR	comp=N,6um,20.2s,MS5.5,baz=96,slow=38	42.95 305	P	P	02 13 57.2 -0.1
MKAR	Makanchi Array	42.95 305	P	P	02 20 26.1 +5.6
MKAR			S	S	
MKAR	comp=Z,31nm,0.6s		pmax	pmax	
MKAR			MLR	MLR	
CAL	comp=Z,6um,20.2s	43.58 269	e	P	02 14 09.6 +6.8
CAL	Calcutta	43.58 269	e	P	02 22 35.5
CAL			e	P	02 14 03.7 +0.8
GUN	Gumba	43.60 277	eP	P	02 14 06.8 -0.2
GUN	comp=Z,188nm,1.1s,mb5.8	44.11 277	eP	P	02 14 07.2 -0.1
GUN	Pulchoki	44.11 277	eP	P	02 14 08.8 -0.2
GUN	comp=Z,148nm,1.4s,mb5.5	44.14 277	eP	P	02 14 10.7 -0.3
GUN	Kakani	44.14 277	eP	P	
GUN	comp=Z,98nm,1.0s,mb5.5	44.35 277	eP	P	02 14 20.0 +7.3
GUN	Daman	44.35 277	eP	P	
GUN	Gorkha	44.61 278	eP	P	
GUN	comp=Z,210nm,1.5s,mb5.8	44.86 45	PFAKE	LR	
GUN	UNV	44.86 45	PFAKE	LR	
GUN	UNV	44.86 45	PFAKE	LR	
GUN	comp=Z,7um,22.0s,MS5.5	45.33 311	P	P	02 14 15.0 -1.5
GUN	KURK	45.33 311	P	P	02 14 16.0 -0.5
GUN	Kurchatov	45.33 311	P	P	
GUN	comp=Z,377nm,1.2s,mb5.1,SNR=42	45.55 278	eP	P	02 14 18.3 -0.2
GUN	KOLN	45.55 278	eP	P	02 14 18.0 -1.9
GUN	comp=Z,179nm,1.3s,mb5.8	45.71 186	eP	P	02 14 30.0 +6.6
GUN	KAKA	45.71 186	eP	P	
GUN	Kakadu	45.71 186	eP	P	
GUN	comp=Z,17nm,0.6s,mb5.2	46.23 28	PFAKE	LR	
GUN	TNA	46.23 28	PFAKE	LR	
GUN	Tin City	46.23 28	PFAKE	LR	
GUN	comp=Z,2um,19.0s,MS5.0	47.03 301	eP	S	02 14 30.0 0.0
GUN	AAA	47.03 301	eP	S	02 21 30.0 +1.1
GUN	AAA	47.03 301	eP	S	
GUN	AAA	47.03 301	eP	S	
GUN	comp=Z,300nm,6.0s		pmax	pmax	
GUN	AAA	47.03 301	eP	S	
GUN	comp=Z,8um,16.0s,MS5.8	47.03 301	iP	P	02 14 28.0 -2.0
GUN	AAA	47.03 301	iP	P	02 14 39.1 +1.6
GUN	JOSI	47.96 283	e	P	02 14 40.5
GUN	Joshi	47.96 283	e	P	
GUN	comp=Z,227nm,1.0s	48.06 300	P	P	02 14 38.9 +0.8
GUN	TKM2	48.06 300	P	P	
GUN	Tokmak 2	48.06 300	P	P	
GUN	SNR=38	48.42 296	P	P	02 14 43.0 +2.0
GUN	Kashi	48.42 296	P	P	02 14 47.5 -1.2
GUN	KSH	48.42 296	P	P	02 14 50.1

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

Table with columns: JAK, Noboribetsu, Kayabe, Kamakawa, Maruseppu, Hokuryu, Ohata, Nakash, Abashiri-Toko, Asahikawa, etc.

Table with columns: UGL, comp=N, 1.0m, 15.0s, AMS, AMS, 04 27 34.0, etc.

NIED 10 04:22:00, 42.30N, 143.10E, h53km, Mw4.9 Best double couple: M2.77x1016 NP1.0x28, 868, 1.69, NP2.0x254, 830, 1.132.

BUI 10 04:22:08.1, 42.21N, 143.01E, h57km, mb5.4, mb5.4, Ms4.4, Msz4.2

BGS 10 04:22:10.2, 42.39N, 142.95E, h52km, mb5.5

NEIC 10 04:22:10.1, 42.39N, 142.95E, mb5.2/147, Mw4.9(NIED), Error ellipse: s-maj=3.7km s-min=2.7km

NEIC Recorded [3 JMA] in south-central Hokkaido; [2 JMA] in central and southwestern Hokkaido; [1 JMA] in eastern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate and Miyagi Prefectures, Honshu.

HRVD 10 04:22:10.1, 42.24N, 143.20E, h64km, Mw5.0/57, Centroid moment tensor Solution. LP body waves: s30,c38;Mantle waves: s57,c91; Half duration: 0 Moment tensor: Scale 1016Nm; M1:3.07E, 18; M2:1.13E, 18; M3:1.94E, 18; M4:0.23E, 11; M5:1.90E, 12; M6:1.19E, 09; Best double couple: M3.5x1016 NP1.0x230, 837, 1.108, NP2.0x28, 855, 1.77. Principal axes: T:3.35, Plg76; Azm258; N:3, Plg11; Azm36; P:3.65, Plg9; Azm128; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

SYO 10 04:22:10.0, 42.39N, 142.94E, h52km, MB5.0

IDC 10 04:22:10.2, 42.38N, 143.02E, h51km, mb4.8/20, mb1.5/24, mb1mx5.0/25, MS4.0/12, Ms1.4/0.12, mb1mx3.9/18, Error ellipse: s-maj=14.0km s-min=11.0km az=131.0

SKHL 10 04:22:11.9, 0.7, 42.50N, 143.00E, h90km, mb5.6/7, mbh6.4/1, mbv6.0/5, ms4.1/2, msh6.2/2, mshab.8/2

JMA 10 04:22:11.3, 0.1, 42.36N, 143.10E, h51km, mb5.1 Broadband fault plane solution: P waves. NP1.0x254, 838, 1.127. NP2.0x30, 860, 1.65. Principal axes: T: Plg65; Azm255; N: Plg22; Azm43; P: Plg12; Azm138;

JMA Felt III J

MOS 10 04:22:12.8, 0.8, 42.30N, 142.96E, h79km, mb5.6/31 Error ellipse: s-maj=11.4km s-min=6.2km az=110.1

ISC 10 04:22:09.8, 0.2, 42.30N, 143.04E, 0.02, h64km, 1km, h52km, 1.3km; p-P, n626, s886/635, mb5.3/203, 134C-32D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like JAK, Noboribetsu, Kayabe, Kamakawa, Maruseppu, Hokuryu, Ohata, Nakash, Abashiri-Toko, Asahikawa, etc.

Table with columns: UGL, comp=N, 1.0m, 15.0s, AMS, AMS, 04 27 34.0, etc.

Main table containing station call signs, names, coordinates, and various data points. Includes stations like Columbia Colle, Earthquake Lak, Malin Array Be, etc.

FUNV 10 08:34:28.3, 10.66N, 62.48W, h75km, MW2.8
TRN 10 08:34:32.9, 10.90N, 62.14W, h95km, MD3.0
ISC 10 08:34:26.4, 0.8, 10.61N, 0.05, 62.55W, 0.03, h83km, 8km,
n15, e117/26, 2C-10, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Guiria, Guanoco, Carupano, Isla Los Testi, etc.

DJA 10 08:39:49.8, 0.9, 8.54S, -113.42E, h149km, 8km, MD4.7/4,
ML4.2/4, 5C-6D, Error ellipse: s-maj=31.8km
s-min=20.1km az=17.0, Jaws

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Kelakatan, Ingas, Rata, Kedondong, etc.

HEL 10 09:00:12.9, 0.3, 64.73N, 30.80E, ML2.0, ML2.1(NAO),
Explosion
NAO 10 09:00:13.5, 1.9, 64.78N, 30.27E, ML2.1
IDC 10 09:00:14.9, 2.2, 64.72N, 30.62E, mb1 3.1/4,
mb1mx3.0/19, ML2.6/4, Error ellipse: s-maj=28.6km
s-min=8.3km az=101.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MSF, KJN, KJL, Oulu, Sumiainen, etc.

ISC 10 09:00:10.9, 0.8, 64.71N, 0.03, 30.7E, 0.1, n24, e152/47,
Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like APAA, APAA, SGF, Kangasniemi, etc.

ISC 10 09:04:56.5, 5.1, 40N, 16.06E
WAR 10 09:04:56.4, 5.1, 47N, 16.03E, ML2.8, Mining Induced
NEIC 10 09:04:56.0, 2.2, 51.43N, 15.99E, h5km, ML2.7(VIE),
ML2.7(CLL), ML2.2(BRG), Error ellipse: s-maj=25.1km,
s-min=5.9km az=210.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like KEF, FIAO, FIAO, FIAO, etc.

ISC 10 09:04:55.9, 1.1, 51.36N, 0.05, 15.90E, 0.05, n14, e125/27,
1C, Poland

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

ISC 10 09:14:00.3, 20N, 137.10E, h20km, Mw4.1. Best double
couple: Mo=1.5x10^15 NP1, phi=224°, delta=5°, lambda=60°.
NP2: phi=98°, delta=38°, lambda=138°.
NEIC 10 09:14:00.2, 0.5, 33.09N, 137.15E, h10km, mb4.1/1, Error
ellipse: s-maj=12.3km s-min=9.3km az=106.0
JMA 10 09:14:01.0, 0.1, 33.17N, 137.13E, h42km, 3km, M4.4
JMA Felt J1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PVCC, BRG, PRU, PRU, etc.

ISC 10 09:14:01.4, 0.5, 33.19N, 0.03, 137.13E, 0.03, h39km,
h39km, 1.9km, p-P, n38, e577/51, MS3.2/3, MS3.3/1,
1C-1D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like TK01, TK01, TK02, TK03, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PEL, PCH, CLCH, CLCH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JACH, JACH, MDZ, MDZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like LPAA, LPAA, BDBF, BDBF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like TXAR, TXAR, MAW, MAW, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JWM, TSUJ, TSUJ, etc.

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

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

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

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

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

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

IDC 10 09:00:34.8, 1.0, 33.74S, 72.00W, mb3.8/3, mb1 4.2/5,
mb1mx4.1/11, ML4.0/2, MS3.0/2, Ms1 2.9/2, ms1mx2.8/10,
Error ellipse: s-maj=36.3km s-min=27.1km az=85.0
NEIC 10 09:00:40.9, 33.63S, 71.65W, h35km, ML4.2(GUC), After
GUC
GUC 10 09:00:40.9, 0.9, 33.63S, 71.65W, h35km, 3km, ML4.2
ISC 10 09:00:40.0, 0.6, 33.85S, 0.04, 71.75W, 0.05, h41km, 5km,
n31, e071/46, mb3.8/3, MS3.2/1, 10C-9D, Near coast of
central Chile

IDC 10 10:19:50.8, 19.0, 56.11S, 27.66W, h144km, 169km,
mb3.5/2, mb1 3.6/2, mb1mx3.4/0, 2C-2D, Error ellipse:
s-maj=220.0km s-min=25.5km az=42.0, South
Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like VNA1, VNA3, VNA3, etc.

DJA 10 10:30:19.2, 0.9, 9.86S, -116.21E, h33km, MD5.1/4,
ML3.9/4, 3C-6D, Error ellipse: s-maj=19.7km
s-min=14.0km az=159.0, Sumbawa region

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

GUC 10 10:44:12.9, 0.8, 38.22S, 73.01W, h67km, 19km, ML5.5
CSEM 10 10:44:14.1, 37.82S, 72.44W, h33km, mb5.5
MOS 10 10:44:14.5, 1.2, 38.21S, 73.51W, h33km, mb5.9/8,
MS5.0/6, Error ellipse: s-maj=54.8km s-min=25.9km
az=95.2

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

BUI 10 10:44:17.1, 37.90S, 73.00W, h44km, mb5.5, Ms5.0,
Ms2.0
GUC 10 10:44:17.1, 0.8, 37.93S, 72.96W, h44km, 6km, mb5.4/6/2,
MS4.9/17, Error ellipse: s-maj=7.9km s-min=3.9km
NEIC Felt [IV] at Angol, Concepcion, Talcahuano and Temuco;
[III] at Los Angeles, Nueva Imperial and Puerto Saavedra;
[II] at Villarica.
HRVD 10 10:44:17.1, 0.2, 38.06S, 73.24W, h12km, MW5.2/6/1,
Centroid moment Tensor Solution. LP body waves:
s40, c66, Mantle waves: s61, c108; Half duration: 1.50
Moment tensor: Scale 10^17 Nm; M=0.82, 0.2;
M=0.48, 0.2; M=0.34, 0.2; M=0.21, 0.5; M=0.52, 0.2;
M=0.22, 0.5; Best double couple: M1: 93x10^17 NP1, phi=30°,
delta=3°, lambda=62°. NP2: phi=248°, delta=9°, lambda=118°. Principal axes: T: 93,

Plg70°, Azm228°; N 0, Plg20°, Azm49°; P -93, Plg1°, Azm319°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
SYO 10 10:44:18.3, 37.86S; 72.94W, h53km, MB5.4, MS5.0
IDC 10 10:44:19.9, 2.4, 37.85S; 72.82W, h68km, 20km, mb4.9/14, mb1 5.0/16, mb1mx5.0/16, MS5.0/6, Ms1 5.0/6, ms1mx4.7/10, Error ellipse: S-maj=16.4km s-min=10.1km az=109.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for various locations including Temuco, Chillan, Osorno, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HHC, LZH, SHL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Santo Domingo, San Juan, Cerro La Pandu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Minabe, Heguri, Shizuoka 3, etc.

ellipse: s-maj=7.8km s-min=7.8km az=105.0
IDC 10 21:26:23.70, 51.48N, 15.96E, mb1 3.5/9,
mb1mx3.4/23, ML3.3/9, Error ellipse: s-maj=12.1km
s-min=6.3km az=108.0
PRU 10 21:26:24.4, 51.42N, 16.17E
WAR 10 21:26:24.7, 51.45N, 16.16E, ML3.2, Mining Induced
ISC 10 21:26:22.6, 0.4, 51.38N, 0.02, 16.12E, 0.02, n61,
i=1523/115, 4C, Poland

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

comp=Z, 0.1nm, 0.3s, baz=169, slow=19, SNR=6.0
NOA NORSAR Array B 10.06 346 Pn P 21 28 44.5 -6.7
FINES FINES Array B 11.48 25 Pn P 21 29 03.7 -7.0
FINES FINES 12.11 23 S S 21 31 05.9 -15

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, EKA Eskdalemuir Arr, etc.

IDC 10 21:46:32.8, 2.2, 6.05S, 147.80E, mb4.1/4, mb1 4.3/5,
mb1mx4.1/9, ML4.3/1, Error ellipse: s-maj=64.8km
s-min=24.1km az=96.0
NEIC 10 21:46:40.5, 1.8, 6.18S, 147.71E, h56km, 13km, mb4.2/5,
Error ellipse: s-maj=22.1km s-min=15.0km az=91.0
ISC 10 21:46:39.9, 2.5, 6.25S, 101.147, 6E, 0.2, h66km, 18km, n14,
i=6756/14, mb3.9E, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAU Wau, PMU Port Moresby, WRAB Tennant Creek, etc.

WEL 10 21:50:48.9, 0.1, 44.52S, 168.45E, h5km, ML3.9/7, Error
ellipse: s-maj=1.1km s-min=1.1km az=90.0
WEL Fell in the Ottago region, maximum reported intensity MM

NEIC 10 21:50:49.5, 44.51S, 168.42E, h12km, ML4.0(WEL), After
WEL
ISC 10 21:50:48.7, 0.4, 44.52S, 0.03, 168.46E, 0.04, h13km, 5km,
n29, i=6541/1, ID, South Island

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

DJA 10 21:59:22.0, 1.1, 6.75S, 115.14E, h80km, MD4.9/4,
ML4.2/3, 1C-5D, Error ellipse: s-maj=28.6km
s-min=17.5km az=14.0, Bali Sea

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

NIED 10 22:00:00, 33.00N, 136.80E, h20km, Mw3.4 Best double
couple: M01.31x10^14 NP1.3x205^, 882^, 1.7^, NP2.3x113^,
973^, 1.71^
JMA 10 22:00:44.7, 0.1, 33.05N, 136.82E, h41km, 4km, M3.5
ISC 10 22:00:45.2, 1.2, 33.09N, 0.07, 136.83E, 0.04, h41km, n13,
i=6563/25, 6D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TK01 Tokai 1, JW1 Kozaga, TK02 Tokai 2, etc.

ISC 10 22:09:31.6, 3.0, 37.1N, 0.2, 71.4E, 0.4, h245km, 53km, n14,
i=6562/16, 3C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchter, EK2S Erkin-Say, etc.

IDC 10 22:33:05.2, 1.5, 6.54S, 150.36E, mb4.1/6, mb1 4.4/6,
mb1mx4.2/9, MS3.2/1, Ms1 3.2/1, ms1mx2.4/9, Error
ellipse: s-maj=52.8km s-min=23.3km az=112.0
NEIC 10 22:33:12.9, 1.0, 6.57S, 150.24E, h51km, 10km, mb4.4/4,
Error ellipse: s-maj=19.4km s-min=8.1km az=124.0
ISC 10 22:33:11.5, 1.4, 6.55N, 0.1, 150.1E, 0.1, h53km, 15km, n18,
i=6596/16, mb3.9E, 2D, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAB Rabaul, PMG Port Moresby, CTA Charters Tower, etc.

NEIC 10 22:39:58.0, 35.98N, 21.72E, h45km, MD3.6(ATH), After
ATH
ATH 10 22:39:58.0, 35.98N, 21.72E, h45km, MD3.6/3
THE 10 22:40:02.1, 36.24N, 21.59E, h24km, ML3.5
ISC 10 22:40:00.7, 1.3, 36.17N, 0.07, 21.6E, 0.1, h67km, 19km,
n19, i=6755/27, Southern Greece

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

BNS 10 22:40:57.8, 1.0, 49.32N, 7.17E, h1km, ML1.4
LDG 10 22:40:58.7, 0.1, 49.37N, 6.96E, h1km, Md2.6/1, M12.4/5,
Error ellipse: s-maj=3.9km s-min=2.1km az=84.0,
Suspected Mining induced.
BGR 10 22:40:58.0, 0.4, 49.37N, 6.92E, h1km, ML1.6/1, Error
ellipse: s-maj=5.6km s-min=2.2km az=50.0
ISC 10 22:40:57.0, 0.4, 49.35N, 0.02, 6.91E, 0.05, n16, i=6755/28,
Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WLF Walferdang, LANF Langenberg, BGG Burgeitz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HAU Haudompre, HIN Hinterfeld, HNF Hinterfeld, HGN Heimansgroeve, FELD Feldberg, BAIF Baives.

TIR 11 00:01:13.1, 42.39N, 19.54E, h21km
PDG 11 00:01:14.6, 0.1, 42.40N, 19.51E, h15km
ISC 11 00:01:14.2, 0.6, 42.38N, 0.03, 19.55E, 0.03, h11km, 7km, n12, c090/24, 4C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TTG Podgorica, PVY Plav, BCI Bajram Curri, BUC Ulicinj, ULM Brajci-Budva, BUM BUM, BERANE Berane, IVA Niksic, NKY NKY, HCY Herceg Novi, HCY Herceg Novi, KBA Bratogost, BRP BRP, UPN Unac-Piva, PLE Plijevica, STON Ston.

BGR 11 00:38:19.9, 0.6, 51.56N, 16.27E, h1km, ML3.6/10, Error ellipse: s-maj=6.7km s-min=6.7km az=16.0
NEIC 11 00:38:20.8, 0.3, 51.61N, 16.07E, h5km, ML3.6(SZGRF), ML3.6(VIE), ML3.2(BRG), ML3.2(CLL), Error ellipse: s-maj=3.7km s-min=3.4km az=89.0

LDG 11 00:38:21.0, 0.2, 51.57N, 16.24E, h1km, M4.0/4, Error ellipse: s-maj=6.3km s-min=3.9km az=175.0, Suspected Mining Induced.

PRU 11 00:38:22.4, 51.51N, 16.09E, Fell In Harrachov
WAR 11 00:38:22.4, 51.59N, 16.10E, ML3.5, Mining Induced
IDC 11 00:38:22.4, 0.7, 51.53N, 15.80E, mb3.6/1, mb1.3/7/10, mb1mx3.6/23, ML3.4/9, Error ellipse: s-maj=10.5km s-min=6.3km az=98.0

ISC 11 00:38:18.6, 0.3, 51.59N, 0.02, 16.09E, 0.02, n77, c143/155, mb3.6/1, 8C-4D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, UPC Upice, DPC Dobruska-Polom, PVCC Panska Ves, BRG Berggiesshubel, RUE Ruedersdorf, PRU Pruhonice, COLL Collm, RAC Raciborz, MORC Moravsky Berou, OKC Ostrava-Krasne, OKC OKC, VRAC Vranov, VRAC Vranov, TANN Tannenbergsstha, WERD Werda, GUNZ Gunzen, NKCC Novy Kostel, OJC Ojcow, KHC Kasperske Hory, MOXA MOXA, MOXA MOXA, MOXA MOXA, GERES GERES Array S, GERES GERES Array B, GERES GERES, WET Wetzell, WET Wetzell, SMOL Smolence, MOXA MOXA, VKA Vienna, KOLL Kolacno.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOLL KOLL, ZST Bratislava, NIE Niedzica, VYH Vyhne, BORNH Bornholm Skovb, GRA1 Grafenberg Arr, GRF Grafenberg Arr, SGP Sopron, MOA Mollin, ARS Arzberg, CRVS Cervenica-Dubn, PSZ Piskzesteto, KWP Kalwaria, KWP Kalwaria, KOLS Kolonicke sedl, KBA Kolnreinsperr, WATA Walderalm, WATA Walderalm, WTTA Wattenberg, WTTA Wattenberg, SQA Sankt Quirin, SQA Sankt Quirin, VOY Vojsko, DAVOX Davos, CDF Champ du Feu, HIN Hinterfeld, HNF Hinterfeld, HAU Haudompre, AKASG Malin Array Be, AKASG Hagnors, HFS Hagnors, LPL La Plagne, LOR Lormes, SRF Saint Saultge, SBF Sospel, NOA NORSAR Array B, VIVF Saint-Julien, LMR La Foret Royal, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, KAF Kangasniemi, EKA Eskdalemuir Ar, ARCES ARCES Array B, PDAR Pinedale Array.

IDC 11 00:53:07.1, 0.1, 39.57S, 15.88W, mb4.4/7, mb1 4.5/7, mb1mx3.4/12, MS4.5/12, MS1 4.5/12, mb1mx4.4/16, Error ellipse: s-maj=37.2km s-min=21.9km az=3.0
NEIC 11 00:53:09.2, 0.3, 39.48S, 15.83W, h10km, mb4.8/19, MS4.2/1, Error ellipse: s-maj=11.8km s-min=7.8km az=92.0

BUI 11 00:53:14.2, 39.50S, 15.80W, h10km
ISC 11 00:53:07.0, 0.4, 39.52S, 0.07, 15.8W, 0.1, h10km, n53, c080/41, mb4.7/28, MS4.5/13, 2C-2D, Tristan da Cunha region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, SNA Snae, SNA Snae, SNA Snae, SNA Snae, TSM Tsumeb, BDFB Brasilia, BDFB Brasilia, CPUP Villa Florida, CPUP Villa Florida, USHA Ushuaia, LSZ Lusaka, LIC Lamto, DBIC Dimbokro, MAW Mawson, MAW Mawson, GSPA South Pole Qui, GSPA South Pole Qui, GSPA OSPA, GSPA OSPA, GSPA OSPA, GSPA OSPA, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPAZ Samuel, SAML Samuel, KMB Klitima Mbogo, SBO Scott Base, ROSC El Rosal, EVO Evora, EVO Evora, ESDC Sonseca Array, ESDC Sonseca Array, ETSF Etsaut, SJJF Ste Jean, EPF Esparros, EIL Elat, MTLF Montlieux, LMR La Moure, LASF Ste Croix, SBF Sospel, ORIF Oris-en-Rattm, ASF Jabal al Asfar, TCF Toulx Ste Croi, LPG La Plagne, LPL La Plagne, SMF Signal de Mont, AVF Avril sur Loir, SSF Saint Saultge, CABF La Chapelle, MEZF Matres, CDF Champ du Feu, BRTR Hesklin Array B, BRTR Hesklin Array B, BAIF Baives, GNAI Grafenberg Arr, SONM Songoing Array, ILAR Eielson Array, ILAR Eielson Array, IMA Indian Mountain, GPU Gauri Spurr, HIA Hailar, CN2 Changchun.

WAR 11 01:02:23.8, 50.26N, 18.91E, ML2.5, Mining Induced
PRU 11 01:02:24.8, 50.29N, 18.83E
ISC 11 01:02:23.0, 0.6, 50.25N, 0.06, 18.79E, 0.04, n11, c193/21, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, OJC Ojcow, OJC Ojcow, NIE Niedzica, NIE Niedzica, DPC Dobruska-Polom, DPC Dobruska-Polom, KSP Ksiaz, KSP Ksiaz, VYH Vyhne, VYH Vyhne, CRVS Cervenica-Dubn, PVCC Panska Ves, PVCC Panska Ves, PRU Pruhonice, PRU Pruhonice, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, COLL Collm.

IDC 11 01:04:33.0, 7.1, 23.34S, 179.65E, h633km, 95km, mb3.4/5, mb1 3.6/6, mb1mx3.3/13, Error ellipse: s-maj=67.5km s-min=31.1km az=14.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, ASB Alice Springs, ASB Alice Springs, WARA Warramunga Arr, WARA Warramunga Arr, TXAR Lajitas Array, TXAR Lajitas Array, AKASG Malin Array Be, AKASG Malin Array Be.

NIED 11 01:31:00, 33.70N, 142.20E, h8km, Mw3.7 Best double couple: Mb3.55x1014 NP1q9s184, 856, lambda, 107. NP2: lambda, 33, lambda, 67.

JMA 11 01:31:10.0, 0.4, 33.73N, 142.17E, h22km, M3.8
IDC 11 01:31:19.9, 1.2, 32.08N, 138.82E, mb3.9/3, mb1 4.0/4, mb1mx3.7/19, ML3.3/8/1, MS3.7/2, Ms1 3.8/2, ms1mx3.2/20, Error ellipse: s-maj=24.8km s-min=19.7km az=101.0
ISC 11 01:31:10.0, 1.2, 33.67N, 0.06, 142.3E, 0.1, h33km, 14km, n19, c190/25, mb3.8/3, MS3.8/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO1 Boso 1, BSO2 Boso 2, BSO2 Boso 2, BSO3 Boso 3, BSO3 Boso 3, BSO4 Boso 4, BSO4 Boso 4, JHJ Hachijo jima 2, JHJ Hachijo jima 2, JHJ Hachijo jima 2, JHJ Hachijo jima 2, JIM2 Oshima 3, JIZS Izhimoda, JODJ Odawara 2, JYN Shimob, JAG Ashikaga, JRY Ryogami san, JAT Matushiro, MAT Matushiro, CBU Chichi jima.

0.3m,0.7s,m3.1,baz=304,slow=3.3,SNR=3.6
LPAZ La Paz 145.46 58 PKPbc PKPbc 10 51 25.9 +0.3
2.1m,0.2s,baz=204,slow=1.1,SNR=2.7

BJI 11 10:40:57.4, 65.90N:166.20W, h25km, mB4.2, mb4.6,
M3.8, Msz3.6
NEIC 11 10:41:01.4, 65.89N:166.21W, h26km, ML4.1(AEIC), After
AEIC.
IDC 11 10:41:06.2, 65.90N:166.20W, h25km, mB4.2, mb4.6,
m1mx3.5/20, ML3.6/2, Error ellipse: s-maj=126.0km
s-min=17.6km az=10.0
ISC 11 10:40:59.1, 65.90N:0.09:166.0W, 0.1, h21km, 14km,
n29, c0978/31, mB3.9/3, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TNA, ANM, GAMB, GCSA, etc.

NIED 11 11:04:00.32, 90N:136.80E, h5km, Mw3.8 Best double
couple: M6.24x10^14 NP1=343, s883, l135. NP2=80,
s46, l10.
JMA 11 11:04:48.4, 0.2, 32.89N:136.77E, h35km, M3.6
ISC 11 11:04:48.7, 0.2, 32.89N:0.06:136.78E, 0.04, h35km, n14,
c062/27, 2C-5D, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JWZ, TK01, KJN, etc.

NAO 11 11:09:54.9, 3.1, 60.16N:25.28E, ML2.3
HEL 11 11:09:55.6, 0.2, 60.13N:25.27E, ML1.9, ML2.1(UPP),
ML2.3(NAO), Explosion
BER 11 11:09:56.0, 3.5, 60.16N:25.36E, ML2.3(NAO),
Suspected explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PNF, VJF, FIAO, etc.

MAN 11 11:21:02.5, 10.37N:125.21E, h7km, mB4.6, ML3.5, MS3.4,
1C-2D, Leyte
Code Station Name Az Az' Phase ID Time Res ISC
MSLP Maasin 0.41 236 eP Pn 11 21 11.1 +0.3
SCPH Surigao 0.64 155 eP Pn 11 21 15.4 0.0
PLP Palo 0.93 344 iP Pn 11 21 18.4 -0.3
SLP SLP 11 21 14.1 +1.6
OCLP Ormoc 0.80 319 eP Pn 11 21 19.7 -0.3

Table with columns: LLLP, LBP, BESP, etc. Lists stations like Lapu-Lapu, Borongan, Butuan, etc.

BER 11 11:31:41.4, 3.5, 67.85N:20.11E, ML1.7, Suspected
explosion
HEL 11 11:31:40.7, 0.5, 67.85N:20.27E, ML1.7(BER),
Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KTK1, TRO, SGF, etc.

DJA 11 12:13:16.0, 0.9, 9.66S:114.97E, h2km, MD5.6/4, ML4.7/3,
2C-5D, Error ellipse: s-maj=18.8km s-min=11.3km
az=8.0, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like INGI, RATI, KELI, etc.

LDG 11 13:20:02.7, 0.3, 44.83N:11.05E, h10km, M2.5/7, Error
ellipse: s-maj=7.9km s-min=3.5km az=95.0
NEIC 11 13:20:03.9, 44.91N:11.07E, h5km, MD2.6(ROM),
ML2.5(LDG), ML2.4(EN), After ROM.
ROM 11 13:20:03.0, 0.1, 44.91N:11.07E, h5km, MD2.6/3, ML1.8/5,
Error ellipse: s-maj=2.3km s-min=1.1km az=90.0

ISC 11 13:20:03.0, 0.3, 44.90N:0.02:110.60E, 0.03, h10km, n40,
c146/72, 4C, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ERBM, GSCJ, GRAM, etc.

BDI 28m,0.3s
BDI Bagni Di Lucca 0.83 180 eP Pn 13 20 20.0 -0.6
BDI Bagni Di Lucca 0.83 180 eP Pn 13 20 35.5 +3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MAM, PGD, PGG, etc.

LMR 2.6m,0.2s
LMR La Mourre 3.33 243 eP Pn 13 20 57.0 -0.2
LMR La Mourre 3.33 243 eP Pn 13 21 36.1 -1.2

HAU Haudompre 4.28 318 ePn Pn 13 21 09.5 -1.1
JMA 11 13:56:10.5, 0.2, 43.88N:148.10E, h48km, M3.8
IDC 11 13:56:38.7, 12.0, 44.40N:147.49E, h345km, 118km,
mb2.9/5, mb1 3/3, mb1mx3.0/19, Error ellipse:
s-maj=92.7km s-min=24.0km az=175.0
ISC 11 13:56:11.5, 1.5, 43.77N:0.1, 147.9E, 0.2, h115km, 11km,
n15, c0980/19, mB3.5/5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NEM2, JEM2, JAK, etc.

NEIC 11 14:16:43.6, 2.0, 21.17S:179.21W, h623km, 25km,
mB4.3/15, Error ellipse: s-maj=16.9km s-min=10.0km
az=177.0
IDC 11 14:16:47.4, 2.4, 21.35S:179.29W, h673km, 32km,
mB3.9/11, mb1 4.1/12, mb1mx3.9/16, Error ellipse:
s-maj=24.0km s-min=12.9km az=170.0
ISC 11 14:16:42.9, 0.8, 21.27S:0.07:179.25E, 0.08,
h630km, 11km, n57, c0987/48, mB4.4/23, 5D, Fiji Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MSVF, DZM, URZ, etc.

CTA Charters Tower 32.26 266 iJP 14 22 24.4 +0.7
CTA Charters Tower 32.26 266 P 14 22 25.5 +0.7
CTA Charters Tower 32.26 266 P 14 22 24.3 +0.6
CTA Charters Tower 32.26 266 P 14 22 59.7 +1.8

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

FORF Forrest 47.92 247 iJP 14 24 28.5 +0.3
FITZ Fitzroy Crossi 51.77 263 eP 14 24 56.3 -0.1
FITZ Fitzroy Crossi 51.77 263 P 14 24 56.4 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MBWA, KLB, NWAO, etc.

DJA 11 14:38:09.0, 1.0, 7.89S:114.04E, h80km, MD5.1/4,
ML4.2/3, 5C-2D, Error ellipse: s-maj=33.1km
s-min=22.7km az=23.0, Bali Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KELI, INGI, RATI, etc.

Table with columns: RATI, KEDI, KEDI, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes data for Kedomdong and other stations.

NEIC 11 15:19:17.0, 35.075S, 70.53W, h3km, ML2.7(GUC), After GUC

GUC 11 15:19:17.0, 35.075S, 70.53W, h3km, MD3.5, ML2.7, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like San Fernando, Cijepres, CACH, etc.

IDC 11 15:20:07.0, 9.14, 49.49N, 146.88E, mb4.1/10, mb1 4.2/10, mb1mx4.1/20, Error ellipse: s-maj=32.9km s-min=17.3km az=95.0

NEIC 11 15:20:13.8, 1.5, 14.48N, 146.75E, h48km, 11km, mb4.5/11, Error ellipse: s-maj=18.8km s-min=8.3km az=57.0

ISC 11 15:20:12.5, -1.9, 14.88N, 0.07-146.8E, 0.2, h57km, n8, n35, f103/27, mb4.3/21, 1C, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like Saipan, Guam, Anatahan, etc.

IDC 11 15:30:44.1, 2.1, 35.76N, 70.72E, mb3.9/6, mb1 4.1/8, mb1mx3.8/20, ML4.2/2, Error ellipse: s-maj=35.4km s-min=21.6km az=50.0

MOS 11 15:30:47.3, 1.7, 35.74N, 70.74E, h33km, mb4.2/5, Error ellipse: s-maj=32.8km s-min=10.0km az=93.8

NEIC 11 15:30:58.2, 1.8, 36.24N, 70.99E, h102km, 17km, mb4.0/8, Error ellipse: s-maj=22.7km s-min=5.9km az=60.0

NNC 11 15:31:07.0, 1.8, 36.82N, 70.25E, h130km, 18km, mpv4.6, Error ellipse: s-maj=19.6km s-min=13.4km az=67.0

ISC 11 15:31:00.6, 0.5, 36.37N, 0.03-71.13E, 0.09, h141km, 7km, n51, f102/56, mb3.7/7, 5C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like Cherat, Chirah Chowk, Thw, etc.

Table with columns: KOLN, GKN, DMN, DMN, KKN, PKI, AB31, AB31, AB31, AB31, KURK, VOSK, VOSK, ZRNK, ZRNK, ZRNK, ZRNK, BVAO, BVAO, BVAO, BRVK, NVS, NVS, ARU, ARU, FINES, FINES, FINES, FINES, ARCES, ARCES, NB2, NOA, NOA, NOA, WRA, WRA, WRA, ASAR, ASAR, NVS, NVS, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

Table with columns: KOLN, GKN, DMN, DMN, KKN, PKI, AB31, AB31, AB31, AB31, KURK, VOSK, VOSK, ZRNK, ZRNK, ZRNK, ZRNK, BVAO, BVAO, BVAO, BRVK, NVS, NVS, ARU, ARU, FINES, FINES, FINES, FINES, ARCES, ARCES, NB2, NOA, NOA, NOA, WRA, WRA, WRA, ASAR, ASAR, NVS, NVS, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

Table with columns: KOLN, GKN, DMN, DMN, KKN, PKI, AB31, AB31, AB31, AB31, KURK, VOSK, VOSK, ZRNK, ZRNK, ZRNK, ZRNK, BVAO, BVAO, BVAO, BRVK, NVS, NVS, ARU, ARU, FINES, FINES, FINES, FINES, ARCES, ARCES, NB2, NOA, NOA, NOA, WRA, WRA, WRA, ASAR, ASAR, NVS, NVS, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

Table with columns: KOLN, GKN, DMN, DMN, KKN, PKI, AB31, AB31, AB31, AB31, KURK, VOSK, VOSK, ZRNK, ZRNK, ZRNK, ZRNK, BVAO, BVAO, BVAO, BRVK, NVS, NVS, ARU, ARU, FINES, FINES, FINES, FINES, ARCES, ARCES, NB2, NOA, NOA, NOA, WRA, WRA, WRA, ASAR, ASAR, NVS, NVS, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

NEIC 11 16:02:06.6, 35.35S, 70.97W, h105km, MD3.4(GUC), After GUC

GUC 11 16:02:06.6, 35.35S, 70.97W, h105km, 6km, MD3.4, ML3.5, 2C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like San Fernando, Cijepres, CACH, etc.

IDC 11 16:22:23.0, 1.7, 16.59S, 173.70W, mb4.4/10, mb1 4.6/10, mb1mx4.4/16, MS3.5/1, Ms1 3.5/1, ms1mx3.1/18, Error ellipse: s-maj=38.0km s-min=16.7km az=132.0

NEIC 11 16:22:27.9, 1.7, 16.59S, 173.71W, h30km, 68km, mb4.4/9, Error ellipse: s-maj=16.8km s-min=10.0km az=155.0

ISC 11 16:22:26.6, 0.4, 16.65S, 0.1x173.8W, 0.1, h33km, n26, f0567/22, mb4.3/19, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like MSVF, RAR, RAR, RPZ, STKA, WB2, WRAB, WRA, ASAR, ASPA, ASBA, MBWA, CMB, YBH, MNV, TPH, HLD, TXAR, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

Table with columns: ANMO, PDAR, ILAR, SDCO, MAW, CLL, MOX, MOX, GERES, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

DJA 11 16:22:47.3, 0.9, 7.56S, 113.06E, h80km, MD4.9/4, ML4.9/4, Error ellipse: s-maj=51.4km s-min=18.4km az=24.0

IDC 11 16:22:54.2, 6.2, 8.08S, 113.53E, mb3.5/3, mb1 3.8/4, mb1mx3.6/14, ML3.4/1, Error ellipse: s-maj=159.0km s-min=24.5km az=49.0

ISC 11 16:22:50.9, 1.9, 7.45S, 0.2, 113.4E, 0.2, h33km, n8, f135/11, mb3.5/2, 3C-5D, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like Kelakan, INGI, INGI, RATI, RATI, KEDI, FITZ, WRA, ASAR, MKAR, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

DJA 11 16:41:51.8, 0.2, 8.51S, 115.83E, h2km, MD5.9/3, ML3.5/1, 3C-5D, Error ellipse: s-maj=11.3km s-min=3.5km az=164.0, Bali region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like Kedomdong, KEDI, RATI, RATI, INGI, INGI, KEDI, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

NEIC 11 16:46:40.5, 50.75N, 177.69E, h10km, ML3.5(AEIC), After AEIC, Rat Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like SMY, SMY, KIMD, KIKV, KIKV, KINC, KIRH, FX1, GSMY, GSIG, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

IDC 11 16:47:46.6, 0.8, 2.89N, 127.00E, mb4.0/11, mb1 4.2/11, mb1mx4.1/18, MS3.7/1, Ms1 3.7/1, ms1mx2.8/16, Error ellipse: s-maj=41.0km s-min=14.3km az=70.0

NEIC 11 16:47:46.6, 0.7, 2.86N, 127.11E, h78km, 55km, mb4.5/6, Error ellipse: s-maj=23.7km s-min=10.5km az=71.0

ISC 11 16:47:49.7, 0.6, 2.90N, 0.08-127.0E, 0.2, h33km, n18, f0580/18, mb4.2/14, MS3.7/1, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like FITZ, FITZ, WRAB, WRA, WB2, MBWA, ASAR, CMAR, NWAO, STKA, STKA, STKA, BJT, SONM, MKAR, YAK, BVAR, ILAR, KMBO, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

IDC 11 16:54:39.0, 1.4, 13.55S, 165.37E, mb4.2/7, mb1 4.3/8, mb1mx4.2/15, ML3.5/1, MS3.5/4, Ms1 3.5/4, ms1mx3.3/14, Error ellipse: s-maj=65.0km s-min=20.5km az=142.0

NEIC 11 16:54:43.8, 5.5, 13.59S, 165.38E, h30km, 38km, mb4.7/3, Error ellipse: s-maj=19.8km s-min=12.1km az=190.0

ISC 11 16:54:49.7, 2.3, 14.15S, 0.1x165.4E, 0.1, h107km, 24km, n125, f0996/24, mb4.1/10, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like BKM, BKM, BKM, DZM, DZM, DZM, NOUC, NOUC, NOUC, CTA, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC.

Table with columns for location, time, and status. Includes entries like WRA Warramunga Arr, JMO5 161, WRAB Tennant Creek, etc.

Table with columns for location, time, and status. Includes entries like LJLU Ljubljana, PDKS Podkum, MDRS Chennai, etc.

Table with columns for location, time, and status. Includes entries like NKC Novy Kostel, MOX Moxa, IPM Ipol, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics (e.g., eP, PKP, SSS, pmax).

Table with columns for station name, coordinates, elevation, and various performance metrics (e.g., eP, PKP, SSS, pmax).

Table with columns for station name, coordinates, elevation, and various performance metrics (e.g., eP, PKP, SSS, pmax).

Table with columns: SEY, Station Name, Azimuth, Phase, Time, Res. Includes entries for Seymchan, Magadan, and MA2.

NIED 11 22:09:00,33.20N,137.10E,h17km,Mw3.9 Best double couple: M=7.05x10^14 NP1=126°,δ83°,λ-160°. NP2: φ=34°,δ70°,λ-7°

JMA 11 22:09:47.7-0.1,33.16N,137.14E,h41km,2km,M3.9 ISC 11 22:09:47.6-0.8,33.17N,137.15E,0.03,55km,16km,n19,φ566/38,2C-8D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists various stations like Tokai, Tokai 2, Tokai 3, etc.

GUC 11 22:16:23.9-0.5,31.25S,68.62W,h145km,ML3.8,1D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Combarbala, Tololo Astrono, Farellones, Talagante.

WEL 11 22:16:56.3-0.3,39.27S,174.94E,h189km,2km,ML3.7/8, 3C-2D,Error ellipse: s-maj=3.4km s-min=1.6km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Taurewa, Waz, Chateau, WNWZ, etc.

KRSC 11 22:21:34.7-0.7,54.71N,160.58E,h152km,2km,ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Tumor, Mys Kozlova, Karymskiy.

Table with columns: KMN, Station Name, Azimuth, Phase, Time, Res. Lists stations like Kamenistaya, Kopyto, Zelenaya, etc.

IDC 11 22:40:45.5-2.2,7.67S,127.21E,mb3.4/1,mb1 3.9/3, mb1mx3.6/11,ML3.7/2,Error ellipse: s-maj=273.0km s-min=32.3km az=63.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Warramunga Arr, Alice Springs, etc.

HEL 11 23:23:29.9-0.1,67.78N,20.28E,ML1.6,ML1.5(BER), Explosion

BER 11 23:23:29.3-4.4,67.81N,20.20E,ML1.6,Suspected explosion

ISC 11 23:23:24.7-0.7,67.65N,0.05x19.9E,0.1,n9,φ139/12, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Kilpisjarvi, Kautokeino, Tro Tromso, etc.

HEL 11 23:31:17.0-0.1,67.85N,20.20E,ML2.0,ML2.5(UPP), ML1.8(BER),Explosion

BER 11 23:31:18.1-2.3,67.97N,20.02E,ML1.8,Suspected explosion

ISC 11 23:31:15.2-0.6,67.83N,0.03x20.11E,0.09,n13,φ87/20, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists stations like Kuraavaara, Nikkaluokta, Dunderud, etc.

IDC 11 23:43:29.4-0.8,30.52S,177.68W,mb4.9/7,mb1 5.0/9, mb1mx4.8/14,ML4.3/2,Error ellipse: s-maj=30.6km s-min=19.2km az=149.0

NEIC 11 23:43:30.9-0.4,30.64S,177.79W,h10km,mb5.2/15, Error ellipse: s-maj=13.5km s-min=8.2km az=117.0

SYO 11 23:43:30.9,30.64S,177.85W,h10km,MB5.1, ISC 11 23:43:36.7-1.6,31.08S,0.07x177.8W,0.1,h73km,15km,n87,φ187/5,mb5.0/18,9C-4D,Kermadec Islands region

Large table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Lists numerous stations including Puketiti, Matawai, Urewera, etc.

MAN 11 23:53:28.1,18.15N,120.67E,h31km,mb4.0,ML2.7, MS2.4,1C,Luzon

IDC 12 00:00:57.2-0.6,53.23N,167.24W,mb4.5/21,mb1 4.6/22, mb1mx4.6/25,ML4.2/1,MS4.1/4,MS1 4.2/4,ms1mx3.8/20,

IDC 12 00:00:57.2-0.6,53.23N,167.24W,mb4.5/21,mb1 4.6/22, mb1mx4.6/25,ML4.2/1,MS4.1/4,MS1 4.2/4,ms1mx3.8/20,

Error ellipse: s-maj=17.8km s-min=11.6km az=158.0
BUJ 12 00:01:00.0, 53.00N:167.38W, h31km, mB4.8, mb4.6, Ms4.8, Msz4.5
NEIC 12 00:01:01.8, 0.3, 53.11N:167.23W, mb4.7/m36.5M4.5/1, ML4.6(AEIC), Error ellipse: s-maj=6.9km s-min=4.4km az=156.0
NEIC Felt at Dutch Harbor.
ISC 12 00:01:03.6, 5.5, 53.25N:105.167, 06W, 0.05, h61km, 3km, 3, h30km, 1.4km, pP-P, n146, e088/146, mb4.6/58, 3C-2D, Fox

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

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

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FNA, GRG, SOH, APE, KNT, SRS, VAM, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VLI, AOS, MEV, JANT, LIT, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SRN, KEK, VLS, VLS, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCPH, MSLP, PLP, etc.

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SKO, SRS, VLI, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HUIG, VHO, OXX, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TK01, JWZ, TK02, etc.

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

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ATH, JHU, JHE, etc.

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LMEL, CICH, CACH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Huatulco, Vista Hermosa, Oaxaca, Albania, Ostrava-Krasne, Vranov, etc.

12d 13h: 10.1, 13.0, 46.83N; 149.88E, h284km; 123km, mb3.0/5, mb1 3.2/5, mb1mx2.9/21, Error ellipse: s-maj=83.3km s-min=23.4km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nemuro, Nankai, Abashiri-Toko, Akkeshi, etc.

12d 13h: 16.5, 0.9, 9.33S; 116.73E, h80km, MD4.8/4, ML4.6/4, 6C-2D, Error ellipse: s-maj=24.2km s-min=18.1km az=2.0, Sumbawa region

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

12d 13h: 35.39, 9.2, 51.46N; 16.09E, h10km, mb4.0/1, Error ellipse: s-maj=14.8km s-min=7.1km az=81.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ksp, Ksiaz, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Moravsky Berou, Collm, Ostrava-Krasne, Vranov, etc.

12d 13h: 49.44, 1.0, 6.55, 85N; 161.64E, mb4.2/19, mb1 4.4/21, mb1mx4.4/25, ML4.0/2, MS2.3/3, Ms1 3.2/3, ms1mx3.0/23, Error ellipse: s-maj=18.0km s-min=10.3km az=18.0

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

12d 13h: 49.49, 7.1, 3.55, 90N; 162.01E, h53km, mb4.4/11, Error ellipse: s-maj=19.2km s-min=6.0km az=74.7

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

12d 13h: 35.39, 8.6, 51.43N; 16.13E, h10km, mb4.0/3, n22, c1154/62, 2C, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ksp, Ksiaz, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Russkaya, Gorelyy, Apacha, Pauzhetka, etc.

12d 13h: 51.28, 1.2, 0.7, 20S; 128.93E, mb3.7/2, mb1 4.2/4, mb1mx3.9/11, ML4.0/2, Error ellipse: s-maj=104.0km s-min=28.7km az=62.0

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Cuddapah, Borovoye, and various international locations.

12 15:01:00.9z.2.0.55.53Z.29.35W,h36km,6km,mb4.3/2, mb1.4.5/2,mb1mx3.8/1.1,Error ellipse: s-maj=204.0km s-min=29.4km az=29.0

Table with columns: NEIC Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Neumayer-Stat, Neumayer Olymp, and various international locations.

OTT 12:15:58.51.7z.0.2.52.73N-67.09W,MN2.9/8,Blast, Mount Wright, Qc Mining explosion., Northern Quebec

Table with columns: SMQ Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Pointe Anglais, Baie Comeau, and various international locations.

JMA 12:16:24.58.9.35.09N-134.91E,h10km,M3.5-5C-3D Broadband fault plane solution: P waves, NP1:0.330°, 874°,1.4°, NP2:0.61°,887°,1.164°. Principal axes: T P1g9°, Azm195°; N P1g73°, Azm73°; P P1g14°, Azm287°;

Table of astronomical observations for 12d 17h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2004 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 304, listing station names, coordinates, and observation details.

13d 1h

Table with columns: MAW, TXAR, ILAR, XAN, XAN, HHC, CMAR, AKASG, ELZG, GZT, AVNT, BRTR, CLL, BRG, KHC, KHC, KHC, GERES, GERES. Includes station names, times, and various codes.

IDC 13 00:42:47.0,25.0,20.0BS:177.11W,h482km,242km, mb3.7/5,mb1.3/8,5,mb1mx3.4/14, Error ellipse: s-maj=159.0km s-min=98.4km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Stephens Creek, Alice Springs, Warramunga Arr, Kakadu, Fitzroy Crossi, Neumayer Olymp, Neumayer-Watz, Malin Array Be.

IDC 13 00:44:54.0,26.0,20.51S:178.29W,h600km,247km, mb3.3/4,mb1.3/4,4,mb1mx3.1/13, Error ellipse: s-maj=242.0km s-min=131.7km az=121.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Alice Springs, Warramunga Arr, Fitzroy Crossi, Malin Array Be, Keskin Array B.

DHMR 13 00:46:19.3,0-6,12.14N:44.24E,h9km,44km,ML3.7,5D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TRBA At Turbah, LBOS, BDHA, DHBB, HAJJ, HAJJ, HAJJ.

NEIC 13 01:05:53.5,36.90N:10.19W,MG3.3(MDD),After MDD. MDD 13 01:05:54.1,2.5,36.90N:10.19W,h4km,45km,mbLg2.1/2, Error ellipse: s-maj=58.0km s-min=22.9km az=62.0, PRXIMO

INMG 13 01:05:55.2,0.7,36.90N:10.12W,ML1.4, Error ellipse: s-maj=5.5km s-min=4.3km az=87.0

ISC 13 01:05:53.0,1.8,37.02N:0.09,-10.2W,0.1,h10km,n11, s-maj=151.9,mb4.1/6,2D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Sao Teotonio, Beja, Alcoutim, EGRO, EMIN, EBAD, ESPR, EADA, ELOB, ESDC.

IDC 13 01:08:18.3,6.0,19.85N:94.28E,h44km,51km,mb3.5/5, mb1.3/8,5,mb1mx3.4/14, Error ellipse: s-maj=56.1km s-min=21.5km az=60.0

NEIC 13 01:08:22.9,1.0,20.11N:94.66E,h80km,mb3.9/1, Error ellipse: s-maj=40.1km s-min=11.5km az=53.0

ISC 13 01:08:23.5,1.3,20.10N:92.97E,0.1,h104km,13km,n15, s-maj=118,mb3.7/6,Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chiang Mai.

2004 SEP

Table with columns: CHG, CMAR, NANT, SHL, SHL, PKI, KKN, DMN, GKN, KOLN, MKAR, KURK, FITZ, WRA, ASAR, ILAR. Includes station names, times, and various codes.

IDC 13 01:15:16.4,0.8,9.17N:126.51E,mb4.0/11,mb1.4/1/11, mb1mx4.0/20,MS2.9/1,Mst 3.1/1,ms1mx2.2/23, Error ellipse: s-maj=55.5km s-min=14.9km az=75.0

NEIC 13 01:15:17.8,0.5,9.15N:126.47E,h10km,mb4.3/3, Error ellipse: s-maj=34.1km s-min=8.2km az=74.0

ISC 13 01:15:20.4,1.0,9.19N:0.04,126.84E,0.07,h46km,10km, n30,+f13/37,mb4.0/14,3D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BIPH, BUTP, MSLP, BUKP, CGP, PLP, BESP, KCP, TBP, LLL, DCPH, SNPH, PAGADIAN, CNZ, GUMI, FITZ, WRAB, WRA, ASAR, SONM, NWA0, STKA, MKAR, KURK, BVAR, BRVK, ILAR, ARCES, FINES.

NEIC 13 01:24:09.9,42.77N:0.45E,h5km,ML2.6(LDG), ML2.4(STR),MN2.2(MDD),After STR.

STR 13 01:24:09.9,0.2,42.77N:0.45E,h5km,1km,ML2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 13 01:24:10.0,1.4,42.73N:0.44E,h4km,Md2.5/2,ML2.6/3, Error ellipse: s-maj=1.3km s-min=0.8km az=20.0

MDD 13 01:24:10.5,0.2,42.76N:0.45E,h4km,4km,mbLg1.9/12, Error ellipse: s-maj=2.6km s-min=1.6km az=15.0, PRXIMO

ISC 13 01:24:09.2,0.3,42.82N:0.02-0.48E,0.02,h10km,2km, n47,+f109/82,Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RESF, MELF, MELF, ESPAR, VIEF, LABF, LABF, MLS, MLS, SALF, SALF, CSOR, REYF, REYF, ETSF, ETSF, FDF, FDF, GRBF, GRBF, CORG, ATE, CAVN, LARF, CLLI, EMIR, EMIR, CARF, CARF, VALF, VALF.

Table with columns: VALF, SJPF, SJPF, ESAC, ESAC, CBRU, MTLF, MTLF, EALK, EALK, EPOB, EPOB, EJON, EJON, LFF, LFF, CAF, CAF, CAF, EMOS, EMOS, RJF, RJF, RJF, RJF, ETOR, LASF, LASF, LASF, LASF, VIVF, TCF, MFF, MFF, BGF, ESDC.

ATH 13 01:45:56.7,35.94N:21.99E,h5km,MD3.7/15,ML3.6, NEIC 13 01:45:59.4,0.7,36.22N:22.11E,h10km,ML3.6(ATH), Error ellipse: s-maj=12.6km s-min=5.8km az=207.0

THE 13 01:46:01.5,36.01N:22.08E,h20km,ML3.6, IDC 13 01:46:01.6,3.6,36.23N:22.21E,h54km,34km,mb3.9/6, mb1.3/7/13,mb1mx3.6/28,ML3.6/6, Error ellipse: s-maj=38.3km s-min=19.6km az=25.0

ISC 13 01:45:56.1,0.6,35.98N:0.05-21.95E,0.04,h5km,n53, s-maj=157.62,mb3.9/6,2D,Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kithira, Jellai, Ithomi, VAMOS, GVD, NAIG, NAIG, ATH, VLS, IDI, PTL, MPAR, THRS, THRS, THRS, THRS, SANT, EVR, AGG, APE, NEO, IGT, JAN, MEV, KEK, KEK, LIT, OURANOPOLIS, FNA, GRG, SOI, SOI, TRIP, KNT, GRI, GRI, SRR, SLNA, VAE, VAE, SLCN, SIGNANO, MRLC, CII, AQU, BRTR, MLR, EIL, EIL, GERES, AKASG, HFS, HFS, FINES, EKA, EKA, NOA, ARCES, MKAR.

ISC 13 01:48:36.9,40.79N:30.99E,h6km,MD3.7,ML3.9, IDC 13 01:48:38.5,1.8,40.86N:31.04E,mb3.5/1,mb1.3/3/3, mb1mx3.2/19,ML3.2/2, Error ellipse: s-maj=33.5km s-min=9.9km az=44.0

ISC 13 01:48:37.4,0.3,40.77N:0.02-30.95E,0.02,h6km,n64, s-maj=93,mb3.5/1,2C-4D,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kithira, Jellai, Ithomi, VAMOS, GVD, NAIG, NAIG, ATH, VLS, IDI, PTL, MPAR, THRS, THRS, THRS, THRS, SANT, EVR, AGG, APE, NEO, IGT, JAN, MEV, KEK, KEK, LIT, OURANOPOLIS, FNA, GRG, SOI, SOI, TRIP, KNT, GRI, GRI, SRR, SLNA, VAE, VAE, SLCN, SIGNANO, MRLC, CII, AQU, BRTR, MLR, EIL, EIL, GERES, AKASG, HFS, HFS, FINES, EKA, EKA, NOA, ARCES, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HENT Hendek, MDU Mudurnu, EYL Eskiyayla, etc.

MOS 13 01:54:11.7±1.4, 51.35N±178.68E, h13km, mb4.3/11, Error ellipse: s-maj=24.4km s-min=16.9km az=87.0
IDC 13 01:54:11.0±0.8, 51.17N±178.83E, mb4.0/16, mb1 4.3/17, mb1mx4.2/26, ML4.0/1, MS3.4/3, ms1mx2.8/26, Error ellipse: s-maj=22.5km s-min=13.1km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, KIKV Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, CN2 Changchun, YKA Yellowknife Ar, etc.

BER 13 01:54:42.8±2.9, 73.16N±7.12E, MD2.8, ML2.1
IDC 13 01:54:42.5±2.5, 72.58N±6.78E, mb3.2/1, mb1 3/9, mb1mx3.5/21, ML3.3/4, MS3.4/1, Ms1 3.4/1, ms1mx2.3/18, Error ellipse: s-maj=66.0km s-min=26.3km az=155.0
ISC 13 01:54:41.9±2.8, 72.7N±0.2±2.0±0.6, h5km, 37km, n0.59712, mb3.1/1, MS3.3/1, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOR8 Moi Rana, NOA NORSAR Array B, HFS Hagfors, etc.

GUC 13 02:01:2.0±0.8, 34.13S±70.57W, h8km±2km, MD3.7, ML2.0/2, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUI 13 02:39:01.0, IDC 13 02:39:02.1, MOS 13 02:39:02.2, etc.

ISC 13 02:39:01.8±0.2, 16.32S±0.05±67.15E±0.04, h12km, (h12km, 1.7km, pP-P), n208, ±111.18m, mb5.0/96, MS4.8/19, 13C-3D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALK Palkele, KMBO Kilima Mbojo, KMBO Kilima Mbojo, etc.

s-maj=15.6km s-min=11.2km az=81.0
ISC 13 02:46:11.9, 0.7, 5.18S, 0.06E, 146.41E, 0.06, h29km,
h29km, 1.0km; p-P, nZ, s0.96; 29, mb4.5/13, Eastern New
Guinea region

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, ISC. Includes stations like MDG Madang, WAU Wau, PMG Port Moresby, CTA Charters Tower, etc.

IDC 13 02:59:36.6, 0.6, 9.15N, 69.94W, mb4.4/11, mb1.4/6/14,
mb1mx4.8/22, ML4.0/1, MS4.0/4, M1.4/4.0/4, nsta=14.4km, az=73.0,
Error ellipse: s-maj=19.2km s-min=14.4km az=73.0
BJJ 13 02:59:38.0, 9.20N, 70.10W, h1km, mb5.0, Msz4.9
NEIC 13 02:59:38.0, 9.19N, 70.09W, h1km, mb4.7/34,
MD4.9(CAR), After CAR.
FUNV 13 02:59:38.0, 9.17N, 70.13W, h0km, MW4.4
ISC 13 02:59:36.4, 1.0, 9.18N, 0.02E, 106.0W, 0.02, h6km, 6km,
n127, s117/135, mb4.6/43, MS5.0/2, 9C-8D, Venezuela

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, EAV Pico El Aguila, CURV Curarigua, etc.

Main table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, ISC. Includes stations like WHSC New Hope, NHT Waverly, LVC Limon Verde, LUPA Lehigh Unives, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, Time, Res, ISC. Includes stations like BGS 13 03:00:13.4, 43.86N, 151.34E, h10km, mb5.9, etc.

NIED 13 03:00:00, 44.30N, 151.40E, h35km, Mw5.9. Best double
couple: M6.72x10^17 NP1 263°, 865°, λ-66°. NP2 263°,
634°, λ-131°
NIC 13 03:00:12.0, 5.44, 14N, 151.50E, h10km, Earthquake
East of Kuril Islands, Russia 233 km SE Podgorny.
NEIC 13 03:00:12.0, 8.0, 1.44, 00N, 151.41E, h8km, mb6.0/185,
MS5.9, MS5.4/112, MW6.1, Error ellipse: s-maj=3.5km
s-min=2.4km az=167.0 Broadband fault plane solution: P
waves. NP1 263°, 855°, λ-90°. NP2 263°, 835°, λ-90°.
Principal axes: T P10°, Azm0°; N P10°, Azm0°; P P10°,
Azm180°. Moment Tensor Solution. s66 Moment tensor:
Scale 10^18 Nm; Mrr:0.00; Mθθ:0.00; Mφφ:0.00; Mθφ:0.00;
Mφθ:0.00; Mrr:0.00; Best double couple: M1.4x10^18 NP1:
268°, 840°, λ-45°. NP2: 263°, 863°, λ-121°. Principal
axes: T 1.52, P12°, Azm147°; N -1.17, P127°; Azm51°; P
1.34, P12°, Azm250°. Depth from synthetics of
broadband displacement seismograms. Energy computed
from BB mechanism.
NEIC Recorded [1 JMA] in eastern Hokkaido.
HRVD 13 03:00:12.9, 0.1, 44.04N, 151.62E, h12km, MW5.9/73,
Centroid moment tensor solution. LP body waves:
s59, c127, Mantle waves: s73, c167; Half duration: 2s
Moment tensor: Scale 10^18Nm; Mrr:0.61±0.1;
Mθθ:0.79±0.1; Mφφ:0.18±0.1; Mθφ:0.22±0.03; Mφθ:0.39±0.1;
Mrr:0.06±0.03; Best double couple: M0.82x10^18 NP1: 263°,
842°, λ-121°. NP2: 268°, 855°, λ-66°. Principal axes: T
95, P12°, Azm341°; N -27, P120°, Azm74°; P -68,
P160°, Azm233°; nsta233 refers to body waves
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

LZH	comp=Z,3um,4.0s	LR	LR			
LZH	comp=Z,15um,16.5s,MSS.9					
LZH	Lanzhou 36.84 274	P	P	03 07 22.9 +1.2		
LZH	comp=Z,695nm,1.5s,mb2.2					
LZH		pP	P	03 07 26.0 +4.2		
LZH		sP	SP	03 07 27.5 +5.7		
LZH		PP	PP	03 08 48.0 +1.0		
LZH		S	S	03 13 05.5 -1.1		
LZH		SS	SS	03 13 10.2		
LZH		SS	SS	03 15 34.0 +0.5		
LZH		LR	LR			
SPU	comp=Z,15um,16.5s,MSS.9					
SPU	Mount Spurr 37.04 42	eP	P	03 07 23.5 +0.4		
HKC	Hong Kong 37.50 247	P	P	03 07 30.0 +2.5		
GZH	Guangzhou 37.52 249	P	P	03 07 23.3 -4.3		
GZH		AMB	AMB			
GZH	comp=Z,210nm,2.4s,mb5.4					
GZH	comp=N,7um,16.2s,MSS.7	LR	LR			
GZH	comp=E,6um,14.1s,MSS.7	LR	LR			
GZH	comp=Z,14um,15.9s,MSS.8	LR	LR			
BALP	Baler 37.85 231	eP	P	03 07 29.9 -0.6		
BALP	Baler 37.85 231	eP	P	03 07 30.8 +0.4		
BCPH	Baguio City Da 37.91 233	P	P	03 07 30.7 -0.2		
SLKM	Skilak Lake 37.94 43	P	P	03 07 31.1 +0.4		
SLKM	Skilak Lake 37.94 43	eP	P	03 07 30.2 -0.5		
PVCP	Virac 38.22 226	eP	P	03 07 34.5 +0.9		
PVCP	Virac 38.22 226	eP	P	03 07 34.5 +0.9		
GTA	Gaotai 38.28 281	P	P	03 07 35.0 +1.2		
GTA		AP	pP	03 07 40.7 +6.8		
GTA		XP	sP	03 07 43.6 +1.0		
GTA		PP	PP	03 09 01.1 -3.4		
GTA		PPP	PPP	03 09 27.7 +1.0		
GTA		PCP	PcP	03 09 48.0 -0.5		
GTA		S	S	03 13 26.5 -2.1		
GTA		XS	XS	03 13 36.3		
GTA		PCS	PCS	03 13 37.6		
GTA		SCS	SCS	03 17 45.8 +1.1		
GTA		AMB	AMB			
GTA	comp=Z,2um,7.6s					
GTA	comp=N,8um,17.5s,MSS.7	LR	LR			
GTA	comp=E,5um,17.1s,MSS.7	LR	LR			
GTA	comp=Z,3um,17.1s,MSS.2	Palmer 38.45 41	P	03 07 34.6 -0.4		
PMR	Palmer 38.45 41	P	P			
PMR	comp=Z,180nm,1.1s,mb5.7					
PMR	comp=Z,280nm,1.2s,mb5.9					
PMR	comp=Z,6um,19.0s,MSS.4	LR	LR			
SCZP	Santa Cruz 38.78 233	eP	P	03 07 37.8 -0.4		
SCZP	Santa Cruz 38.78 233	eP	P	03 07 37.8 -0.4		
CNP	Cataman 38.88 224	eP	P	03 07 40.2 +1.1		
CNP	Cataman 38.88 224	eP	P	03 07 40.8 +1.7		
COLA	College 39.06 36	iP	P	03 07 40.3 +0.2		
COLA	College 39.06 36	eP	P	03 07 40.2 +0.1		
COLA	comp=Z,375nm,1.2s,mb5.9					
COLA	comp=Z,5um,17.0s,MSS.4	LR	LR			
ILAR	Eielson Array 39.48 36	P	P	03 07 42.8 -0.7		
ILAR	comp=Z,84nm,1.0s					
ILAR	comp=Z,26nm,1.0s,mb5.3,baz=259,slo=6.4,SNR=191					
ILAR	comp=Z,101nm,1.1s,baz=262,slo=5.5,SNR=13					
ILAR	comp=Z,26nm,1.0s,baz=265,slo=6.0,SNR=4.2					
ILAR	comp=Z,0.7nm,1.0s,baz=23,slo=44,SNR=2.6					
ILAR	comp=Z,0.8nm,1.0s,baz=299,slo=2.6,PKFK					
ILAR	Eielson Array 39.48 36	*P	P	03 07 42.8 -0.7		
ILAR		PP	pP	03 07 54.5 +1.1		
ILAR		S	S	03 09 51.0		
ILAR		i	S	03 13 44.8 -1.6		
ILAR				03 17 00.1		
CD2	Chengdu 39.50 267	P	P	03 07 44.3 +0.2		
CD2		PP	PP	03 09 17.9 -0.7		
CD2		S	S	03 13 44.3 -3.7		
CD2		AMB	AMB			
CD2	comp=Z,210nm,0.9s,mb5.8					
CD2	comp=Z,5um,6.5s	LR	LR			
CD2	comp=N,10um,14.2s	LR	LR			
CD2	comp=Z,12um,15.6s,MSS.8	LR	LR			
TDY	Tagaytay City 39.54 231	P	P	03 07 45.0 +0.4		
TDY	Tagaytay City 39.54 231	P	P	03 07 45.0 +0.4		
TDY	comp=Z,404nm,0.8s					
PLP	Palo 39.87 223	eP	P	03 07 47.8 +0.5		
GYA	Guiyang 39.98 259	P	P	03 07 48.4 +0.3		
GYA	comp=Z,180nm,0.8s,mb5.8					
GYA	comp=Z,3um,5.4s	AMB	AMB			
GYA	comp=N,4um,13.8s,MSS.6	LR	LR			
GYA	comp=E,5um,15.0s,MSS.6	LR	LR			
GYA	comp=Z,7um,14.4s,MSS.7	LR	LR			
SNPH	Sibulan 42.30 224	eP	P	03 08 08.0 +0.7		
DAV	Davao City (W) 43.16 219	eP	P	03 08 14.0 -0.3		
KMI	Kunming 43.59 261	eP	P	03 08 18.4 +0.7		
KMI		AP	pP	03 08 25.9 +8.2		
KMI		XP	sP	03 08 30.0 +1.2		
KMI		PP	PP	03 10 00.8 -0.3		
KMI		PPP	PPP	03 10 38.6 +1.7		
KMI		S	S	03 14 49.0 +1.4		
KMI		SS	SS	03 15 03.1		
KMI		SS	SS	03 18 00.2 +5.4		
KMI	comp=Z,4um,5.4s	AMB	AMB			
KMI	comp=N,6um,14.3s,MSS.8	LR	LR			
KMI	comp=E,5um,16.2s,MSS.8	LR	LR			
KMI	comp=Z,6um,16.2s,MSS.6	LR	LR			
KMI	Kunming 43.59 261	eP	P	03 08 18.4 +0.7		
KMI	comp=Z,126nm,1.8s,mb5.3					
KMI		pP	pP	03 08 25.9 +8.2		
KMI		sP	sP	03 08 30.0 +1.2		
KMI		PP	PP	03 10 00.8 -0.3		
KMI		PPP	PPP	03 10 38.6 +1.7		
KMI		S	S	03 14 49.0 +1.4		
KMI		SS	SS	03 15 03.1		
KMI		SS	SS	03 18 00.2 +5.4		
KMI	comp=Z,6um,16.2s,MSS.6	LR	LR			
NVS	Novosibirsk 43.97 309	iP	P	03 08 19.7 -0.6		
NVS		i	S	03 10 15.3		
NVS		iS	S	03 14 44.0 -8.7		
NVS	comp=Z,464nm,2.0s,mb5.9					
NVS	comp=N,147nm,1.4s					
NVS	comp=E,161nm,1.4s					
NVS	comp=N,3um,3.8s					
NVS	comp=E,2um,3.2s					
PPR	Puerto Princes 44.30 230	eP	P	03 08 25.1 +1.4		
INK	Inuvik 44.64 31	P	P	03 08 26.1 +0.4		
INK	comp=E,166nm,1.1s,mb5.9,baz=280,slo=7.0,SNR=111					
INK	comp=E,28nm,1.1s,baz=202,slo=5.6,SNR=1.9					
INK	comp=E,1.7nm,0.7s,baz=124,slo=25,SNR=2.1					
INK	Inuvik 44.64 31	P	P	03 08 26.1 +0.5		
INK		S	S	03 10 07.8		
INK		S	S	03 15 02.1 -0.2		
INK		S	S			
INK	comp=Z,166nm,1.1s					
WMQ	Urumqi 44.86 293	P	P	03 08 28.6 +0.9		
WMQ		AP	pP	03 08 33.6 +5.8		
WMQ		XP	sP	03 08 35.6 +7.8		
WMQ		PP	PP	03 10 14.3 +0.8		

WMQ		S	S	03 15 05.4 -0.4		
WMQ		SS	SS	03 18 17.1 -1.2		
WMQ		AMB	AMB			
WMQ	comp=Z,145nm,0.8s,mb6.0					
WMQ	comp=Z,591nm,6.2s	AMB	AMB			
WMQ	comp=N,4um,18.0s,MSS.7	LR	LR			
WMQ	comp=E,6um,17.5s,MSS.7	LR	LR			
WMQ	comp=Z,5um,19.0s,MSS.5	LR	LR			
SIT	Sitka 46.12 47	eP	P	03 08 39.2 +1.7		
SIT	comp=Z,462nm,1.4s,mb6.3					
SIT	comp=Z,7um,20.0s,MSS.6	LR	LR			
MKAR	Makanchi Array 47.19 299	P	P	03 08 46.4 +0.3		
MKAR	comp=Z,66nm,0.6s,mb5.9,baz=74,slo=7.9,SNR=314					
MKAR	comp=Z,5.0nm,1.2s,baz=180,slo=1.2,SNR=2.4					
MKAR	comp=Z,6um,19.1s,MSS.6,baz=68,slo=37					
MKAR	Makanchi Array 47.19 299	S	S	03 08 46.4 +0.3		
MKAR		S	S	03 15 36.4 -2.7		
MKAR		pmax	pmax			
MKAR	comp=Z,67nm,0.6s					
MKAR	comp=Z,6um,19.1s	MLR	MLR			
MKAR	Makanchi Array 47.19 299	P	P	03 08 46.4 +0.3		
MKAR		S	S	03 15 36.4 -2.7		
MKAR		LR	LR	03 29 16.3		
MKAR		P	P	03 08 40.0 +0.8		
KIP	Kipapa 47.28 102	eP	P			
KIP	comp=Z,135nm,1.0s,mb6.0					
KIP	comp=Z,5um,19.0s,MSS.5	LR	LR			
KURK	Kurchatov 47.94 305	P	P	03 08 51.8 -0.2		
KURK	comp=Z,2um,0.6s					
KURK	Kurchatov 47.94 305	iP	P	03 08 51.9 -0.1		
KURK		pmax	pmax			
KURK	comp=Z,502nm,1.9s,mb6.3					
KURK	Kurchatov 47.94 305	eP	P	03 08 51.8 -0.2		
KURK	comp=Z,1um,1.3s,mb6.8					
KURK	comp=Z,2um,21.0s,MSS.0	LR	LR			
NANT	Nan 49.10 256	P	P	03 09 01.5 +0.1		
LNSA	Lhasa 49.26 274	P	P	03 09 04.0 +1.6		
LNSA		AP	pP	03 09 12.5 +1.0		
LNSA		PCP	PcP	03 10 23.3 -2.5		
LNSA		PP	PP	03 10 57.7 +2.0		
LNSA		S	S	03 16 10.8 +2.4		
LNSA		XS	XS	03 16 20.5		
LNSA		SS	SS	03 19 30.5 -5.0		
LNSA		AMB	AMB			
LNSA	comp=Z,60nm,0.8s,mb5.7					
LNSA	comp=N,2um,16.5s,MSS.6	LR	LR			
LNSA	comp=E,5um,17.3s,MSS.6	LR	LR			
LNSA	comp=Z,6um,19.1s,MSS.6	LR	LR			
KKTK	Khon Kaen 49.31 252	P	P	03 09 03.5 +0.5		
CHG	Chiang Mai 50.33 257	P	P	03 09 11.5 +0.7		
CHG	comp=Z,106nm,0.7s,mb5.9					
CHG	Chiang Mai Arr 50.57 257	S	P	03 09 26.3 +2.9		
CMAR	comp=Z,24nm,0.8s,mb5.2,baz=45,slo=7.5,SNR=90					
CMAR	comp=Z,31nm,1.1s,baz=12,slo=2.9,SNR=9.2					
CMAR	comp=Z,0.6nm,0.3s,baz=56,slo=5.2,SNR=2.8					
CMAR	comp=Z,5um,18.0s,MSS.5,baz=50,slo=41					
CMAR	Chiang Mai Arr 50.57 257	P	P	03 09 13.0 +0.4		
CMAR		S	S	03 10 31.3		
CMAR		S	S	03 16 25.5 -1.2		
CMAR	comp=Z,24nm,0.8s					
CMAR		S	S	pmax	pmax	
CMAR		MLR	MLR			
SHL	Shilling 51.12 269	eP	P	03 09 15.9 -0.9		
SHL		Amb	AMB	03 09 19.1		
SHL	comp=Z,118nm,1.1s,mb5.7					
SHL		iS	S	03 16 34.0 -0.3		
VOSK	Vostochnaya 51.52 310	P	P	03 09 19.0 -0.4		
VOSK		pmax	pmax			
VOSK	comp=Z,1um,2.0s,mb6.5					
VOSK	Vostochnaya 51.52 310	iP	P	03 09 19.0 -0.4		
NST	Nakhon Sawan 51.63 253	P	P	03 09 21.0 +0.3		
NST	comp=Z,108nm,0.9s,mb5.8					
BVAO	Borovoye Array 51.72 311	P	P	03 09 20.3 -0.6		
BVAO	Borovoye Array 51.72 311	LR	LR	03 31 19.9		
BRVK	Borovoye 51.76 311	eP	P	03 09 20.6 -0.6		
BRVK	comp=Z,1um,1.6s,mb6.1					
BRVK	comp=Z,2um,20.0s,MSS.1	LR	LR			
AAA	Alma-Ata 52.13 297	dIP	P	03 09 25.0 +0.9		
AAA		S	S	03 16 51.0 +3.1		
AAA		pmax	pmax			
AAA	comp=Z,4um,7.0s					
AAA	comp=N,4um,7.0s					
AAA	comp=E,4um,7.0s					
AAA	comp=N,7um,13.0s,MS6.0	MLR	MLR			
AAA	comp=E,7um,13.0s,MS6.0	MLR	MLR			
AAA	comp=Z,8um,13.0s,MSS.9	MLR	MLR			
ZRNK	Zerenda 52.51 311	P	P	03 09 26.3 -0.5		
ZRNK	comp=Z,850nm,1.6s,mb6.4					
ZRNK	Zerenda 52.51 311	iP	P	03 09 26.4 -0.4		
TKM2	Tokmak 2 53.17 297	P	P	03 09 32.4 +0.5		
TKM2	SNR=86					
PMG	Port Moresby 53.27 185	eP	P	03 09 32.6 -0.5		
PMG	comp=Z,64nm,1.0s					
PMG	Port Moresby 53.27 185	eP	P	03 09 32.3 -0.7		
PMG	comp=Z,64nm,1.0s,mb5.5					
PMG	comp=Z,3um,21.0s,MSS.3	LR	LR			
CHMS	Chumysh 53.67 298	P	P	03 09 35.6 0.0		
USP	Ospenovka 53.70 298	P	P	03 09 36.1 +0.3		

BORG	Borgarnes	71.46 357	eP	P	03 11 34.8 +1.0
OSL	Oslo	71.54 340	eP	P	03 11 35.3 +0.9
OSL			AMB	AMB	03 11 38.8
ISCO	Idaho Springs	71.56 52	eP	P	03 11 35.0 +0.2
ISCO			pmax	pmax	
ISCO	Idaho Springs	71.56 52	iP	P	03 11 34.8 -0.1
ISCO			LR	LR	
ZEI	Tsey	72.05 312	iP	P	03 11 38.0 +0.3
ZEI			e	e	03 14 18.0
ZEI			ePPP	PPP	03 16 03.0 +1.6
ZEI			eS	S	03 21 00.0 +0.8
ZEI			iPS	PS	03 21 20.0 -1.0
ZEI			iSS	SS	03 25 27.0 -1.1
ZEI			pmax	pmax	
ZEI			smax	smax	
ZEI			smax	smax	
ZEI			MLR	MLR	
KONO	Kongsberg	72.06 341	eP	PcP	03 12 07.0 +1.1
KONO	Kongsberg	72.06 341	PFAKE	LR	03 11 50.0 +1.3
ASK	Askoy	72.30 343	eP	P	03 11 39.0 +0.2
ASK			eP	P	03 11 41.5 +2.6
T12	Plekhanov	72.30 311	iP	P	03 11 40.8 +1.6
T12			iS	S	03 14 23.3 +3.0
T12			smax	smax	
T12			MLR	MLR	
T12			MLR	MLR	
T12			MLR	MLR	
RUND	Rundenannen	72.33 343	eP	P	03 11 39.2 +0.2
RUND			eP	P	03 11 41.0 +1.9
RUND			AMB	AMB	03 11 44.2
BER	Bergen	72.36 343	eP	P	03 11 39.8 +0.6
EGU	Espegrend	72.48 343	eP	P	03 11 40.1 +0.1
SUW	Suwalki	72.84 331	eP	P	03 11 41.3 -0.8
SUW			ePP	P	03 11 49.6 +7.5
SUW			eS	S	03 11 53.1
SUW			e	S	03 21 06.8 -1.2
SUW			MLR	MLR	03 21 43.1
BLS5	Blasjo	72.99 342	iP	P	03 11 43.9 +1.1
BLS5			AMB	AMB	03 11 47.7
BLS5	Blasjo	72.99 342	eP	P	03 11 44.7 +1.9
SDCO	Great Sand Dun	73.01 54	iP	P	03 11 43.1 -0.3
SDCO			LR	LR	
AKASG	Malin Array Be	73.17 326	P	P	03 11 42.7 -1.3
AKASG			NR=100	NR=100	
AKASG			6.2,SNR=5.7	6.2,SNR=5.7	
AKASG			LR	LR	
AKASG	Malin Array Be	73.17 326	P	P	03 11 42.7 -1.4
AKASG			*PP	P	03 11 54.3 +1.0
AKASG			S	S	03 21 09.7 -2.1
AKASG			pmax	pmax	
AKASG			MLR	MLR	
YEL1	Yell	73.43 346	eP	P	03 11 46.2 +0.9
TUC	Tucson	73.44 61	S	P	03 11 45.6 +0.5
TUC			S	P	03 21 16.6 +1.4
TUC			pmax	pmax	03 11 45.7 -0.3
TUC			LR	LR	
TUC			P	P	03 11 45.5 -0.5
SOC	Sochi	73.65 315	iP	P	03 11 47.0 0.0
SOC			e	S	03 12 03.0
SOC			ePPP	PPP	03 16 13.7 -3.7
SOC			eS	S	03 21 17.9 +0.5
SOC			eS	S	03 21 46.3
SOC			eSS	SS	03 26 01.0 -1.6
SOC			pmax	pmax	
SOC			pmax	pmax	
SOC			pmax	pmax	
SOC			pmax	pmax	
SOC			pmax	pmax	
SOC			smax	smax	
SOC			smax	smax	
LRW	Lerwick	73.84 346	eP	P	03 11 47.8 +0.1
ANN	Anapa	73.91 317	iP	P	03 11 48.2 -0.3
ANN			ePP	P	03 11 57.2 +8.7
ANN			eS	S	03 21 20.4 +0.2
ANN			ePS	PS	03 21 46.4 -7.3
ANN			pmax	pmax	
SANI	Sandwick	73.96 346	eP	P	03 11 48.4 -0.1
NRS	Narsarsuaq	74.33 8	eP	P	03 11 50.6 +0.1
ANMO	Albuquerque	74.33 57	iP	P	03 11 51.2 0.0
ANMO			LR	LR	
BSD	Bornholm Skovb	74.60 336	iP	P	03 11 53.9 +1.6
BSD			iS	S	03 21 26.7 -1.0
COP	Copenhagen	74.82 337	iP	P	03 11 54.9 +1.4
COP			iS	S	03 21 30.8 +0.7
MUD	Monsted U'grnd	75.01 339	iP	P	03 11 55.9 +1.3
MUD			iS	S	03 21 36.2 +4.0
WAR	Warsaw	75.04 331	eP	P	03 11 55.5 +0.6
WAR			ePP	P	03 12 02.1 +7.2
WAR			e	S	03 12 06.8
WAR			eS	S	03 21 33.6 +0.9
WAR			MLR	MLR	03 22 00.3
TVAN	Van Simferopol'	75.27 310	iP	P	03 11 56.7 +0.2
SIM		75.40 319	iP	P	03 11 57.8 +0.7
SIM			e	PPP	03 14 48.0
SIM			eS	SS	03 16 36.0 +2.2
SIM			eSS	SS	03 26 21.0 -8.1
ERZM	Erzurum	75.42 312	iP	P	03 11 58.2 +1.0
OHV	Hoy	75.42 347	eP	P	03 11 57.2 +0.1
OBR	Brabster	75.61 347	eP	P	03 11 58.0 0.0
ORE	Reay	75.78 347	eP	P	03 11 59.2 +0.3
LVV	L'vov	75.92 328	iP	P	03 11 57.3 -2.6
LVV			eS	S	03 21 39.0 -3.4
STKA	Stephens Creek	76.03 189	eP	P	03 12 00.7 -0.2
STKA			LR	LR	
STKA	Stephens Creek	76.03 189	P	P	03 12 00.5 -0.5
STKA			LR	LR	03 12 17.1

KIS	Kishinev	76.21 324	P	P	03 12 00.0 -1.7
KIS			S	S	03 21 40.0 -5.7
SCHO	Schefferville	76.33 22	P	P	03 12 01.5 -0.6
SCHO			LR	LR	03 45 26.9
SCHO	Schefferville	76.33 22	P	P	03 12 01.5 -0.6
SCHO			LR	LR	03 45 26.9
Kalwaria		76.57 329	eP	P	03 12 04.1 +0.5
KWP			e	S	03 12 10.4 +6.8
KWP			eS	S	03 12 16.2
KWP			e	S	03 21 50.9 +1.4
KWP			e	S	03 22 00.3
KWP			e	S	03 22 12.3
BEST	Besiri	76.91 310	iP	P	03 12 06.7 +1.0
BSEB	Bad Segeberg	76.94 338	eP	P	03 12 05.3 -0.3
BSEB			pmax	pmax	
OJC	Ojcow	77.15 330	iP	P	03 12 07.1 +0.3
OJC			eS	S	03 12 18.1 -9.1
OJC			eS	S	03 15 02.8
OJC			MLR	MLR	03 21 52.6 -3.2
OJC			MLR	MLR	
OJC			P	P	03 12 07.1 +0.3
OJC			PcP	PcP	03 12 18.7 +0.7
OJC			ePP	P	03 15 02.8 +0.7
OJC			eS	S	03 21 52.6 -3.2
OJC			eSS	SS	03 27 03.8 +7.8
OJC			LR	LR	
RUE	Ruedersdorf	77.22 335	eP	P	03 12 07.2 +0.1
KOLS	Kolonické sedl	77.31 328	iP	P	03 12 07.7 0.0
KOLS			eP	P	03 12 08.4 -1.0
FORT	Forrest	77.41 200	eP	P	03 12 07.7 +0.1
JFWS	Jewell Farm	77.42 41	P	P	03 12 06.9 -1.6
JFWS			pmax	pmax	
JFWS			LR	LR	
JFWS			LR	LR	
UZH	Uzhgorg	77.55 328	eP	P	03 12 10.0 +1.0
UZH			eS	S	03 21 56.0 -4.1
CRVS	Cervenica-Dubn	77.64 329	eP	P	03 12 10.3 +0.8
CRVS			eS	S	03 21 55.2 -5.9
CRVS			eSS	SS	03 22 27.4 +1.4
CRVS			eS	S	03 22 08.8 +1.0
BOYB	Boyabat	77.66 316	iP	P	03 12 10.6 +0.4
ELZG	Elzagic	77.71 312	iP	P	03 12 10.7 +0.2
KSP	Ksiaz	77.83 333	iP	P	03 12 20.7 +1.0
KSP			e	S	03 15 08.0
KSP			eS	S	03 22 00.0 -3.1
KSP			eSS	SS	03 22 10.7 +0.2
KSP			eP	P	03 12 20.7 +1.0
KSP			eS	S	03 15 08.0 -0.1
KSP			eS	S	03 22 00.0 -3.1
KSP			LR	LR	03 26 56.0 -1.0
RAK	Raciborz	77.83 331	eP	P	03 12 11.4 +0.8
RAK			eS	S	03 12 22.2
RAK			e	S	03 22 03.6 +0.5
SVST	Sivas	77.84 314	iP	P	03 12 12.1 +1.3
VRI	Vrincioia	78.00 324	iP	P	03 12 12.2 +0.6
OKK	Ostrava-Krasne	78.05 331	iP	P	03 12 12.2 +0.4
OKK			eP	P	03 12 24.4
OKK			eP	P	03 15 15.8 +5.7
OKK			eS	S	03 22 08.8 +1.0
OKK			eS	SS	03 21 23.3 +1.4
OKK			ex	x	03 31 38.7
OKK			LR	LR	03 55 10.0
OKK	Ostrava-Krasne	78.05 331	iP	P	03 12 12.2 +0.4
OKK			e	S	03 12 24.4
OKK			eS	S	03 15 15.8 +5.7
OKK			eS	S	03 22 08.8 +1.0
OKK			MLR	MLR	03 22 06.5 +0.9
ESY	Stoneypath	78.08 345	eP	P	03 12 13.0 +1.2
ESY			AMB	AMB	03 12 36.1
BRD	Bordest	78.12 324	iP	P	03 12 12.7 +0.5
EAB	Aberfoyle	78.12 346	eP	P	03 12 13.9 +1.3
EAB			AMB	AMB	03 12 36.5
MALT	Malatya	78.14 312	iP	P	03 12 14.1 +1.5
EDI	Edinburgh	78.18 346	eP	P	03 12 12.4 +0.1
UPC	Udice	78.21 333	iP	P	03 12 13.0 +0.4
DPC	Dobruska-Polom	78.24 332	iP	P	03 12 13.4 +0.6
DPC			ePP	P	03 15 17.6 +6.0
DPC			eS	S	03 22 08.4 +0.9
DPC			eSS	SS	03 27 20.2 +7.9
DPC			ex	x	03 31 07.5
DPC			LR	LR	03 51 40.0
DPC	Dobruska-Polom	78.24 332	iP	P	03 12 13.4 +0.6
DPC			e	S	03 15 17.6
DPC			eS	S	03 22 08.4 +0.9
DPC			MLR	MLR	
EAU	Auchinoon	78.30 346	eP	P	03 12 14.5 +1.5
EAU			AMB	AMB	03 12 37.6
MORC	Moravsky Berou	78.31 331	iP	P	03 12 13.6 +0.4
MORC			pmax	pmax	
MORC			P	P	03 12 13.6 +0.4
MORC			P	P	03 12 13.6 +0.4
BALT	Daday	78.32 317	iP	P	03 12 12.6 -0.8
KECS	Kecovo	78.35 329	eP	P	03 12 13.4 0.0
KECS			e	S	03 12 25.6
LIKAS	Likavka	78.38 330	eP	P	03 12 14.5 +0.9
LIKAS			e	S	03 12 25.6
TIRR	Tirgurov	78.38 322	P	P	03 12 13.8 +0.1
HARR	Harsova	78.41 323	iP	P	03 12 14.2 +0.3
CLL	Colim	78.47 335	iP	P	03 12 13.8 -0.3
CLL			iP	P	03 12 15.3 +1.2
CLL			iPP	P	03 12 23.9 +1.0
CLL			e	S	03 12 35.0
CLL			ePP	P	03 12 55.0
CLL			eS	S	03 22 06.0 -4.0
CLL			eS	S	03 22 35.0 +2.3
CLL			ePPS	PPS	03 23 09.0 -0.8
CLL			eSS	SS	03 26 54.0 -2.2
CLL			eSSS	SSS	03 30 48.0 +1.4
CLL			e	S	03 12 13.8 -0.3
CLL			e	S	03 22 06.0
CLL			eS	S	03 22 06.0 -4.0
CLL			eS	S	03 22 35.0 +2.3
CLL			eSS	SS	03 22 35.0 +2.3
CLL			pmax	pmax	
CLL			MLR	MLR	
CLL			MLR	MLR	
CLL			P	P	03 12 13.8 -0.3
CLL			iP	P	03 12 13.9
CLL			e	S	03 22 06.0 -4.0
CLL			eS	S	03 22 35.0 +2.3
CLL			LR	LR	
BRG	Berggiesshubel	78.56 334	iP	P	03 12 14.6 0.0
BRG			e	S	03 12 24.6
BRG			iS	S	03 15 12.0
BRG			e	S	03 22 09.0 -2.0
BRG			eS	S	03 22 44.3
BRG			iSS	SS	03 27 17.0 -0.1
BRG			pmax	pmax	
BRG			MLR	MLR	
BRG			MLR	MLR	
BRG			MLR	MLR	
BRG			MLR	MLR	

Table with columns: LOR, LOR, GIMEL, MCGN, XOR, SSPA, DRGI, DIX, GRR, RAVA, EMV, SSF, MZDA, HYF, ORU, URZ, RSM, EMMW, EMMW, FSSB, TRAV, ZCCA, RENF, MEV, AVF, SMF, ARV, SGFM, SFI, ERBM, BOB, GUSL, SEI, WMG, ROSF, PGD, GRAM, AGG, LSD, VALM, SWET, LPL, LPG, CRE, CODM, BACH, VLC, BDI, BGF, HRV, HRV, HRV, RSP, VINC, ZFRJ, SVTH, QUIF, FGMS, MAIM, ASS, NRCAL, GENL, LUPA, PCP, FENE, KZIT, IGZT, CSNT, RGNQ, AFSF, PRNI, PRNI, BNI, BNI, BNI, BHB, GDM, RRL, GRCN, TRF, TBI, TBI, LCI, AQU, AQU, AQU, SANT, SANG, MBDF, FIN, ROB, KMTI, GRFL, ORIF, ORIF, PZZ, MFF, PYM, CII, RORO, MNS, FG5, LKD, MBH, SURF, FGA, PTDL, ENR, STV2, STV, CPV2, EIL, VVLD, MONI, BLA, BLA, BLA, JMQS, TAU, TAU, SDI, RLS

Table with columns: IMI, SGG, SAOF, LRAL, LRAL, TBKS, ALUN, ALLWS, WVW, NEGI, LBL, MIRC, JMCOS, SBF, AURF, CSSN, IMVIF, KBRS, REVV, HASC, MQS, HAQ, ORIO, SGO, SLCN, CBN, CALF, CALM, ITM, RJJ, DGAR, DGAR, MGR, CUC, FRF, VILF, BDAS, CAF, TDS, TAYS, SNZO, SNZO, AYUS, TAVF, PVF, PRAF, KAMS, LMR, PUYF, TIP, TREF, LASF, LFF, BERF, GELF, GVD, GRI, UMJS, YNBS, TATS, SCIL, SOL, SLNA, LRDF, LPEF, DGI, SJAJ, MSL, EPF, VALF, CIB, BLUS, RESF, SJPF, AGST, ETSF, NHSC, NHSC, VAE, SSS, DJNS, ERIC, MTGR, LVI, PBRG, DWPF, DWPF, PVIS, ESDC, ESDC, ESDC, MTE, MTE, PCBR, PCBR, RKT, RKT, RKT, EVO, EVO, LIS, LIS, LIS, PBEJ, BBSR, BBSR, ADH, PDA, JTS, JTS, KMBO, KMBO, SJMG, SJMG, PAYG, PAYG, MBAR, MBAR

Table with columns: MBAR, CASY, CASY, SDV, SDV, OTAV, OTAV, MIR, MIR, SACC, SACC, SBA, SBA, LSZ, LSZ, LSZ, DBIC, DBIC, DBIC, DBIC, LIC, LIC, NNA, NNA, MAW, MAW, MAW, MAW, MAW, MAW, MAW, MAW, SAML, SAML, TSUM, TSUM, LPAZ, LPAZ, LPAZ, SYO, SUR, SUR, LVC, LVC, LVC, RCBR, RCBR, TLL, TLL, LMEL, LMEL, MDZ, MDZ, BDBF, BDBF, BDBF, BDBF, BAO, BAO, PLCA, PLCA, SNA, SNA, SNA, SNA, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, VNA2, VNA2, VNA2, VNA2, VNA3, VNA3, PMSA, PMSA, VNA1, VNA1, VNA1, USHA, USHA, TROA, TROA, TROA, LPA, LPA, LPA, EPI, EPI, EPI, STR, LDG, FDD, LML, ISC, Code, RESF, RESF, RESF, MELF, MELF, MELF, MELF, EPI, EPI, EPI, VIEF, VIEF, VIEF

Table with columns: MKAR, MKAN, 14.80 263, iP, P, 07 05 19.2 +6.9, etc.

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

OTC 13 07:44:06.8.2.3.81.28N x 111.00W, h18km, ML3.5/3,

315km northwest from Isachsen, Nu, Arctic Ocean

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

13C 13 07:51:56.0.1.0.6.23S-103.99E, mb4.1/8, mb1 4.2/8,

mb1mx4.0/15, MS3.1/2, Ms1 3.1/2, ms1mx2.7/19, Error

ellipse: s-maj=38.3km s-min=17.1km az=61.0

NEIC 13 07:51:57.6.0.7.6.21S-104.04E, h10km, mb4.3/2, Error

ellipse: s-maj=25.2km s-min=9.2km az=57.0

DJA 13 07:54:26.2.2.1.7.88S-114.56E, h26km, mb4.4/8, Error

ellipse: s-maj=68.9km s-min=16.6km az=154.0

ISC 13 07:51:55.6.0.7.6.25S-101.104.00E, h10km, n21,

058720, mb4.1/10, MS3.0/2, SC, Sunda Strait

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

PRU 13 08:02:57.9.50.35N-19.07E

WAR 13 08:02:58.7.50.20N-19.13E, ML2.4, Mining Indonesia

ISC 13 08:02:56.9.0.7.50.22N-19.08.19.01E, 0.05, n7, +128/12,

Poland

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

KRSC 13 08:19:56.4.1.0.51.35N-153.65E, h591km, 9km, ML4.2,

MOS 13 08:19:59.7.1.2.52.23N-152.48E, h501km, mb3.6/3, Error

ellipse: s-maj=31.1km s-min=19.1km az=45.2

IDC 13 08:20:01.6.3.5.52.33N-152.35E, h491km, 48km, mb3.0/9,

mb1 3.2/10, mb1mx3.0/23, Error ellipse: s-maj=26.2km

s-min=14.4km az=166.0

ISC 13 08:20:00.5.0.7.52.22N-151.45E, 0.2, h496km, 8km, n39,

0156/48, mb3.3/9, Northwest of Kuril Islands

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

Table with columns: ILAR, Eielson Array, 32.70 44 P, P, 08 25 51.9 +0.1, etc.

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

NEIC 13 08:28:28.5.34.99S-70.47W, h1km, ML2.6(GUC), After

GUC 13 08:28:28.5.0.6.34.99S-70.47W, h1km, 2km, MD3.8,

ML2.6, 1C-1D, Chile-Arizona border region

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

CASC 13 09:14:57.5.2.1.12.77N-88.93W, h44km, 71km, MD3.6,

ML3.3, 5C-9D, Off coast of central America

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

DJA 13 09:15:03.7.1.7.93S-115.72E, h155km, 12km, MD4.8/3,

4C-3D, Error ellipse: s-maj=40.9km s-min=17.5km

az=177.0, Bali Sea

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

IDC 13 09:16:50.1.0.7.52.66N-160.37E, mb3.8/10, mb1 4.1/12,

mb1mx3.9/24, MS2.7/1, Ms1 2.7/1, ms1mx2.1/26,

Error ellipse: s-maj=21.4km s-min=15.3km az=175.0

MOS 13 09:16:52.3.1.3.52.45N-160.69E, h35km, mb4.2/5, Error

ellipse: s-maj=16.1km s-min=8.5km az=91.9

KRSC 13 09:16:53.1.0.9.52.60N-160.48E, h8km, 2km, ML4.2/3,

NEIC 13 09:16:54.6.3.8.52.67N-160.54E, h30km, 29km, mb4.2/3,

Error ellipse: s-maj=16.3km s-min=11.1km az=164.0

ISC 13 09:16:50.7.0.4.52.49N-0.03-160.73E-0.04, h10km, n65,

0134/97, mb3.9/13, 2D, Off east coast of Kamchatka

Peninsula

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

Table with columns: PET, Petropavlovsk, 1.37 294, i/PN, S, 09 17 33.1 -0.3, etc.

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

IDC 13 09:18:54.2.1.7.16.82S-178.11W, mb3.5, mb1 4.0/5,

mb1mx3.9/12, Error ellipse: s-maj=103.0km s-min=24.7km

az=149.0

ISC 13 09:18:58.3.1.6.17.6S-0.6-178.3W-0.4, h33km, n5,

020/50, mb3.7/5, Fijii Islands region

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

LDG 13 09:33:16.9.0.1.42.75N-0.44E, h4km, Md2.6/2, Ml2.9/9,

Error ellipse: s-maj=1.3km s-min=0.8km az=11.0

NEIC 13 09:33:16.9.4.2.75N-0.44E, h4km, ML2.9(LDG),

ML2.6(STR), Ml2.4(MDD), After LDG.

STR 13 09:33:16.6.0.1.42.75N-0.44E, h5km, 1km, Ml2.7, Error

ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 13 09:33:17.4.0.2.42.77N-0.45E, h4km, 4km, mbLg2.3/19,

Error ellipse: s-maj=2.1km s-min=1.6km az=20.0, PRXIMO

ISC 13 09:33:15.7.0.3.42.80N-0.02-0.48E-0.02, h9km, 2km, n54,

0127/93, 1C, Pyrenees

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RESF Ens, MELF Melles, VIEF View, LABF Labassere, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VIEF View, LABF Labassere, EGRA Graus, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKRS Kuro-shima, WDJT Tungji, PING Penghu, etc.

13d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QRZ, BSWZ, THZ, KHZ, DSZ, LTZ, MQZ, MDZ.

NEIC 13 10:54:02.7, 34.12S:70.07W, h5km, ML3.0(GUC), After GUC.

GUC 13 10:54:02.7-0.7, 34.12S:70.07W, h5km±1km, MD3.9, ML3.0, 3C-4D, Chile-Argentina border region

Main table for NEIC/GUC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LMEL, CACH, CHCH, CHCH, PCH, ANTU, FCH, DSCH, TACH, SFDO, PEL, LNV, LCH, JACH, MDZ.

NEIC 13 11:01:51.2, 0.2, 2.75N:128.67E, mb4.5/18, Error ellipse: s-maj=14.2km s-min=5.2km az=79.0

NEIC 13 11:01:51.4, 0.8, 2.68N:128.65E, h240km±7km, mb3.9/16, mb1.4/0.16, mb1mx3.9/21, Error ellipse: s-maj=19.8km s-min=7.2km az=74.0

ISC 13 11:01:49.0, 1.8, 2.78N:128.7E, 0.1, h235km±17km, h237km±5.3km, p-P, n54, #087/46, mb4.3/31, 1C-2D, Halmahera

Main table for NEIC/ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAKA, FITZ, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, ASPA, NANT, CMAR, CHG, FORT, MAJO, MAT, MAT, KLBR, STKA, STKA, NWAO, BJT, ARMA, ASAJ, ASAJ, SONM, SONM, SONM, YAK, YAK, MKAR, MKAR, RPZ, URZ, KURK, BVAR, BVAR, BRVK.

2004 SEP

Table with columns: ZRNC, CASY, ARU, IMA, SBA, MAW, ILAR, ARCES, QNSA, FINES, RSSD, TXAR, WMOK, JCT, JCT, JCT. Includes station codes and times.

NEIC 13 11:38:00.33, 0.0N:136.90E, h11km, Mw3.8 Best double couple: M=5.82x10^14 NP1φ=91°, δ71°, λ128°. NP2φ=204°, δ42°, λ29°

ISC 13 11:38:02.8, 1.1, 32.68N:138.46E, mb3.7/6, mb1mx3.7/19, Error ellipse: s-maj=31.0km s-min=25.0km az=126.0

JMA 13 11:38:03.0, 0.1, 33.03N:136.94E, h36km, M4.2

NEIC 13 11:38:09.9, 1.7, 33.18N:138.16E, h35km, Error ellipse: s-maj=37.5km s-min=19.2km az=126.0

ISC 13 11:38:03.6, 0.9, 33.06N:136.94E, 0.04, h34km±11km, n23, #053/36, mb3.5/3, 9D, Near south coast of western Honshu

Main table for NEIC/ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TK01, TK02, JWZ, JKN, JKN, JIE, TK04, TK04, JKM, JKW, JKW, TSUJ, TSUJ, JHE, JAUJ, JAUJ, JAI, JAI, SHZ3, JHUJ, MAJO, MAJO, MAJO, MAT, MAT, SONM, CMAR, CMAR, ASAR, ASAR, YKA.

MEX 13 11:45:13.8, 1.1, 15.46N:93.62W, h21km, 32km, MD4.4

NEIC 13 11:45:13.2, 0.7, 15.52N:93.37W, mb3.9/14, MD4.4(MEX), Error ellipse: s-maj=14.7km s-min=7.8km az=30.0

CASC 13 11:45:13.7, 2.1, 15.69N:93.24W, h20km, 418km, MD4.4, mb3.9(NEIC)

ISC 13 11:45:16.6, 4.3, 15.77N:93.23W, h113km, 39km, mb3.6/4, mb1.4/0.6, mb1mx3.7/18, MS3.5/2, Ms1.3/5.2, ms1mx2.9/23, Error ellipse: s-maj=39.2km s-min=20.4km az=60.0

ISC 13 11:45:19.0, 5.5, 15.57N:100.04, 93.51W, 0.04, h91km±5km, h97km±2.0km, p-P, n54, #135/71, mb3.9/13, 2C-2D, Near coast of Chiapas

Main table for MEX/ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SCX, COCX, COCX, CCIG, CMIG, CMIG, JAT, JAT, HUIG, HUIG, TUIG, TUIG, FUEG, FUEG, NBU, NBU, IXG, IXG, EVV, EVV, OXX, OXX, OXX, OXX, MRL, MRL, SCIG, SCIG, CIUD, CIUD, PPM, PPM, TEIG, TEIG, JTS, JTS, JTS, JTS, PRS1, PRS1, LCR2, LCR2, URSC, URSC, JUS, JUS, JCT, JCT, LTX, LTX, TXAR, TXAR, LRL, LRL.

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Table with columns: OXF, WMOK, WMOK, WWT, ANMO, ANMO, TUC, SDV, SDCO, SDCO, WUAZ, WUAZ, WUAZ, PV01, RSSD, PDAR, ELK, ELK, SADO, HLID, BOZ, CHMT, SAML, FFC, SCH, YKA, YKA, YKA, BDFB, ILAR, ILAR. Includes station codes and times.

ISC 13 12:08:34.6, 1.9, 5.79S:151.70E, mb3.8/6, mb1.4/0.6, mb1mx3.8/12, MS3.0/1, Ms1.3/0.1, ms1mx2.6/18, Error ellipse: s-maj=26.9km s-min=23.6km az=120.0

NEIC 13 12:08:41.9, 2.0, 6.00S:151.68E, h55km, 12km, mb4.2/1, Error ellipse: s-maj=58.8km s-min=9.9km az=122.0

ISC 13 12:08:41.9, 1.6, 5.85S:0.3, 151.2E, 0.3, h52km±15km, n11, #087/11, mb3.8/7, New Britain region

Main table for ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RAB, PMG, CTA, WRA, ASAR, FITZ, BMW, SBMA, ILAR, BVAR.

ISC 13 12:11:19.3, 5.6, 23.10N:144.00E, h128km, 80km, mb3.7/5, mb1.3/8.7, mb1mx3.4/23, Error ellipse: s-maj=89.1km s-min=50.4km az=68.0

ISC 13 12:11:19.0, 2.8, 23.1N:143.8E, 0.7, h139km±31km, n7, #038/9, mb3.9/5, Volcano Islands region

Main table for ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBJ, CBJ, JHJ, JHJ, JCT, JCT, WRA, FITZ, ASAR, STKA.

NEIC 13 12:16:50.6, 19.45N:102.64W, h99km, MD3.9(MEX), After MEX.

MEX 13 12:16:51.0, 1.4, 19.43N:102.65W, h91km±37km, MD3.9, Michoacan

Main table for MEX/ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SFJM, SFJM, MOIG, MOIG, MOIG, MOIG, ZLIG, ZLIG, CJM, CJM.

ISC 13 12:22:46.9, 9.9, 7.182S:178.03W, h536km, 91km, mb3.4/6, mb1.3/5.6, mb1mx3.3/14, Error ellipse: s-maj=104.0km s-min=42.6km az=133.0

NEIC 13 12:22:49.6, 5.2, 18.27S:178.17W, h568km, 55km, mb4.0/4, Error ellipse: s-maj=31.5km s-min=22.8km az=62.0

ISC 13 12:22:49.5, 1.8, 18.3S:0.2, 178.2W, 0.2, h587km±15km, n17, #043/14, mb3.9/8, Fiji Islands region

Main table for ISC stations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSVF, CTA, CTA, STKA, STKA, WB2, WB2, WRA, WRA, ASAR, ASAR, ASAR, FITZ, MBWA.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Columbia Colle, Hailey, Bozeman (W), etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KMI, KML, PKI, NANT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ANTI, JORI, CMIG, etc.

PET	comp=Z,2um,18.0s	Petropavlovsk	78.89	344	PFAKE	LR	LR	22 41 40.0	+6.0
YSS	comp=Z,2um,19.0s,MS5.4	Yuzh-Sakhalins	79.16	332	iP	P	P	22 41 36.0	+0.4
YSS					eS	S	PS	22 44 32.0	
YSS					eS	S	PS	22 51 37.0	+5.5
YSS					pmx	pmx		22 52 08.0	-12
YSS	comp=Z,1um,8.0s				pmx	pmx			
YSS	comp=Z,70nm,1.0s,mb5.5				smx				
YSS	comp=N,1um,12.0s				smx				
YSS	comp=E,500nm,12.0s				MLR	MLR			
YSS	comp=E,1um,16.0s				MLR	MLR			
YSS	comp=Z,1um,16.0s,MS5.2				eP	P	P	22 41 35.3	-0.4
YSS	comp=Z,82nm,1.0s,mb5.6				LR	LR			
PFO	comp=Z,783nm,20.0s,MS5.0	Pinyon Flat Ob	79.18	47	PFAKE	LR	LR	22 41 50.0	+14
PFO	comp=Z,461nm,20.0s,MS4.8	Columbia Colie	79.41	41	eP	P	P	22 41 36.8	-0.4
CMB	comp=Z,11nm,1.0s,mb4.7				pmx	pmx			
CMB					MLR	MLR			
CMB	comp=Z,2um,19.0s,MS5.5				eP	P	P	22 41 36.8	-0.4
CMB	comp=Z,11nm,0.9s,mb4.8				LR	LR			
OCHM	comp=Z,2um,19.0s,MS5.5	Honcuc	79.60	39	eP	P	P	22 41 39.0	+0.8
WDC	comp=Z,2um,19.0s,MS5.5	Whiskeytown Da	79.81	38	eP	P	P	22 41 38.2	-1.1
WDC	comp=Z,15nm,1.1s,mb4.8				MLR	MLR			
WDC	comp=Z,2um,20.0s,MS5.5	Whiskeytown Da	79.81	38	eP	P	P	22 41 38.2	-1.1
WDC	comp=Z,15nm,1.1s,mb4.8				LR	LR			
WDC	comp=Z,2um,20.0s,MS5.5	Old Mammoth Ml	80.02	40	eP	P	P	22 41 40.5	+0.1
OMM	comp=Z,2um,21.0s,MS5.4	Darwin (Calif)	80.05	44	PFAKE	LR	LR	22 41 50.0	+9.4
DAC					LR	LR			
MTUM	comp=Z,2um,21.0s,MS5.4	Tungsten Hills	80.10	42	eP	P	P	22 41 40.8	-0.1
MAW	comp=Z,2um,21.0s,MS5.4	Mawson	80.27	199	eS	S	PS	22 51 46.2	+3.5
MAW	comp=Z,23nm,1.0s,mb5.0,baz=13s,slow=6.8,SNR=32	Mawson	80.27	199	P	P	P	22 41 42.2	+1.0
MAW	comp=Z,2um,18.2s,MS5.5,baz=116,slow=37				LR	LR		23 19 04.3	
MAW	comp=Z,12nm,0.8s,mb4.9				P	P	P	22 41 42.7	+1.5
MAW					eS	S	PS	22 51 46.2	+3.5
YBH	comp=Z,7.7nm,0.9s,mb4.5,baz=48,slow=7.7,SNR=6.2	Yreka Blue Hor	80.49	37	P	P	P	22 41 43.6	+0.7
YBH	comp=Z,7.7nm,0.9s,mb4.5,baz=48,slow=7.7,SNR=6.2	Yreka Blue Hor	80.49	37	P	P	P	22 41 42.5	-0.3
YBH	comp=Z,11nm,1.0s				pmx	pmx			
YBH					MLR	MLR			
YBH	comp=Z,2um,19.0s	Yreka Blue Hor	80.49	37	eP	P	P	22 41 42.5	-0.4
YBH	comp=Z,11nm,1.0s,mb4.8				LR	LR			
BEKR	comp=Z,2um,19.0s,MS5.4	Beckwourth	80.61	40	eP	P	P	22 41 43.4	-0.1
HUMO	comp=Z,28nm,1.6s,mb4.9	Hull Mountain	80.94	36	eP	P	P	22 41 44.8	-0.5
HUMO	comp=Z,30nm,1.4s,mb5.0				LR	LR			
HUMO	comp=Z,2um,20.0s,MS5.4	Mina	81.02	42	eP	P	P	22 41 45.2	-0.6
MNV	comp=Z,34nm,1.3s,mb5.1				pmx	pmx			
MNV	comp=Z,2um,20.0s,MS5.4	Mina	81.02	42	eP	P	P	22 41 45.2	-0.6
MNV	comp=Z,34nm,1.4s,mb5.1				LR	LR			
MNV	comp=Z,2um,20.0s,MS5.4	Sheshan	81.20	309	eP	P	P	22 41 47.0	+0.1
SSE					AP	PP	PP	22 41 56.5	-0.9
SSE					PP	PP	PP	22 44 55.5	+1.0
SSE					S	S	S	22 52 02.4	+9.3
SSE					AMB	AMB			
SSE	comp=Z,38nm,0.6s,mb5.5				AMB	AMB			
SSE	comp=Z,360nm,5.0s				LR	LR			
SSE	comp=N,420nm,20.3s,MS5.0				LR	LR			
SSE	comp=E,558nm,20.5s,MS5.0				LR	LR			
SSE	comp=Z,817nm,18.7s,MS5.1	Sheshan	81.20	309	eP	P	P	22 41 47.0	+0.1
SSE	comp=Z,38nm,0.6s,mb5.5				PP	PP	PP	22 41 56.5	-0.9
SSE					PP	PP	PP	22 44 55.5	+1.0
SSE					S	S	S	22 52 02.4	+9.3
SSE					LR	LR			
INCN	comp=Z,820nm,18.7s,MS5.1	Inchon	81.21	317	PFAKE	LR	LR	22 42 00.0	+13
INCN	comp=Z,859nm,19.0s,MS5.1	Topopah Spring	81.31	44	eP	P	P	22 41 47.5	+0.2
TPNV	comp=Z,14nm,1.0s,mb4.8				pmx	pmx			
TPNV	comp=Z,2um,20.0s,MS5.5	Topopah Spring	81.31	44	eP	P	P	22 41 47.5	+0.1
TPNV	comp=Z,14nm,1.0s,mb4.8				LR	LR			
TPH	comp=Z,2um,20.0s,MS5.5	Tonopah	81.38	43	eP	P	P	22 41 47.7	+0.1
TPH	comp=Z,20nm,1.2s,mb4.9				pmx	pmx			
TPH	comp=Z,2um,19.0s,MS5.4	Tonopah	81.38	43	eP	P	P	22 41 47.7	+0.1
TPH	comp=Z,20nm,1.3s,mb4.9				LR	LR			
NEN	comp=Z,2um,19.0s,MS5.4	Nelson	81.46	46	eP	P	P	22 41 47.8	-0.3
VLA	comp=Z,3um,19.0s,MS5.4	Vladivostok	81.70	324	iP	P	P	22 41 48.0	-1.2
VLA					e	S	PS	22 42 00.0	+0.2
VLA					eS	S	PS	22 52 07.0	+9.9
VLA					pmx	pmx			
VLA	comp=N,500nm,9.0s				pmx	pmx			
VLA	comp=Z,1um,9.0s				pmx	pmx			
VLA	comp=E,500nm,10.0s				pmx	pmx			
VLA	comp=Z,400nm,10.0s				smx				
VLA	comp=N,1um,9.0s				smx				
VLA	comp=E,500nm,10.0s	Modoc	81.95	38	PFAKE	LR	LR	22 42 00.0	+9.5
MOD	comp=Z,2um,20.0s,MS5.5	Corvallis	82.09	35	PFAKE	LR	LR	22 42 00.0	+8.8
COR	comp=Z,3um,19.0s,MS5.7	Tucson	82.36	50	eP	P	P	22 41 52.7	-0.1
TUC	comp=Z,10nm,1.0s,mb4.7				MLR	MLR			
TUC	comp=Z,3um,19.0s,MS5.6	Tucson	82.36	50	eP	P	P	22 41 52.7	-0.1
TUC	comp=Z,9.6nm,1.0s,mb4.7				LR	LR			
TUC	comp=Z,3um,19.0s,MS5.6	Kodiak Island	82.48	12	PFAKE	LR	LR	22 42 00.0	+7.1
KDAK	comp=Z,466nm,20.0s,MS4.8	Battle Mountai	82.83	41	eP	P	P	22 41 55.5	+0.5
BMN	comp=Z,2um,19.0s,MS5.5				MLR	MLR			

GZH	Guangzhou	83.16	298	P	P	22 41 53.3	-3.7
GZH	comp=N,455nm,21.1s,MS5.0			LR	LR		
GZH	comp=E,505nm,19.0s,MS5.0			LR	LR		
WVOR	Wild Horse Val	83.24	38	eP	P	22 41 56.8	-0.3
WVOR	comp=Z,16nm,1.0s,mb5.0			pmx	pmx		
WVOR	comp=Z,3um,19.0s,MS5.7			MLR	MLR		
WVOR	Wild Horse Val	83.24	38	eP	P	22 41 56.8	-0.3
WVOR	comp=Z,16nm,1.1s,mb5.0			LR	LR		
NJ2	Nanjing	83.39	309	eP	P	22 41 59.8	+1.7
NJ2				AP	PP	22 42 10.0	+1.3
NJ2				XP	PP	22 42 14.3	+2.0
NJ2				PP	PP	22 45 14.1	+2.1
NJ2				S	S	22 52 22.0	+6.6
NJ2	comp=Z,20nm,0.8s,mb5.2			AMB	AMB		
NJ2	comp=N,2um,21.6s,MS5.5			LR	LR		
NJ2	comp=E,1um,22.5s,MS5.5			LR	LR		
ARUT	Antelope Range	83.62	45	eP	P	22 41 59.5	+0.4
WUAZ	Wupatki	83.71	47	eP	P	22 42 01.9	+2.2
OCWA	Octopus Mounta	83.83	32	PFAKE	LR	22 42 10.0	+10
OCWA	comp=Z,2um,19.0s,MS5.5			LR	LR		
MDJ	Mudanjiang	83.94	324	P	P	22 42 01.4	+0.8
MDJ				PP	PP	22 45 15.8	-0.3
MDJ				S	S	22 52 26.8	+6.2
MDJ				XS	XS	22 52 32.8	
MDJ	comp=Z,39nm,1.7s,mb5.3			AMB	AMB		
MDJ	comp=Z,716nm,9.1s			AMB	AMB		
MDJ	comp=N,716nm,19.2s,MS5.2			LR	LR		
MDJ	comp=E,741nm,19.2s,MS5.2			LR	LR		
MDJ	comp=Z,2um,20.3s,MS5.4			LR	LR		
MDJ	Mudanjiang	83.94	324	eP	P	22 42 01.4	+0.8
MDJ	comp=Z,49nm,1.1s,mb5.0			e	LR	22 42 12.4	+1.2
MDJ	comp=Z,2um,20.0s,MS5.4			LR	LR		
QIZ	Qiongzong	84.22	293	P	P	22 42 00.6	-2.0
QIZ				PP	PP	22 45 16.8	-2.1
QIZ				S	S	22 52 23.3	-0.6
QIZ				SS	SS	22 57 52.9	-3.5
QIZ	comp=Z,431nm,9.7s			AMB	AMB		
QIZ	comp=E,863nm,19.1s			LR	LR		
QIZ	comp=Z,1um,19.7s,MS5.3			LR	LR		
QIZ	Qiongzong	84.22	293	PFAKE	LR	22 42 10.0	+7.4
ELK	Elko	84.22	41	eP	P	22 42 01.7	-0.4
ELK	comp=Z,40nm,1.5s			pmx	pmx		
ELK	comp=Z,2um,19.0s			MLR	MLR		
ELK	Elko	84.22	41	eP	P	22 42 01.7	-0.4
ELK	comp=Z,40nm,1.6s,mb5.3			LR	LR		
ELK	comp=Z,2um,19.0s,MS5.6			LR	LR		
LON	Longmire	84.33	34	eP	P	22 42 02.1	-0.4
RMW	Rattlesnake Mo	84.81	33	P	P	22 42 05.3	+0.4
MVU	Marysvalle	84.82	45	eP	P	22 42 06.1	+1.0
MVU	comp=Z,24nm,1.3s,mb5.2			LR	LR		
MSU	Marysvalle	84.85	45	eP	P	22 42 06.0	+0.7
PAYG	Puerto Ayora	85.00	89	PFAKE	LR	22 42 20.0	+13
PAYG	comp=Z,894nm,19.0s,MS5.2			LR	LR		
EFO	Siowa Base	85.04	192	iP	P	22 42 05.9	+0.4
SYO	Siowa Base	85.04	192	iP	P	22 42 07.6	-1.6
SYO	Siowa Base	85.04	192	iP	P	22 42 09.3	-6.9
SYO	Siowa Base	85.04	192	iP	P	22 42 12.9	-6.8
DL2	Dalian	85.23	316	P	P	22 42 08.1	+0.9
DL2				S	S	22 52 32.3	-1.2
DL2	comp=Z,20nm,1.0s,mb5.2			AMB	AMB		
DL2	comp=Z,310nm,8.7s			AMB	AMB		
DL2	comp=N,130nm,13.5s,MS4.8			LR	LR		
HAWA	Hanford	85.28	35	PFAKE	LR	22 42 20.0	+13
HAWA	comp=Z,207nm,19.0s,MS4.5			LR	LR		
DUG	Dugway	85.40	43	eP	P	22 42 09.0	+1.0
DUG	comp=Z,8.0nm,1.2s,mb4.7			pmx	pmx		
DUG	comp=Z,1um,19.0s,MS5.3			MLR	MLR		
DUG	comp=Z,0.6nm,1.3s			LR	LR		
SLKM	Skilak Lake	85.47	12	eP	P	22 42 08.4	+0.6
SNA	Sanae	85.61	178	iP	P	22 42 11.2	+2.9
SNA	Sanae	85.61	178	iP	P	22 42 18.8	-0.2
SNA	Sanae	85.61	178	iP	P	22 42 22.2	-0.3
SNA	Sanae	85.61	178	iP	P	22 42 08.2	-0.1
SNA	comp=Z,29nm,1.0s			LR	LR		
SNA	Sanae	85.61	178	iP	P	22 42 08.8	+0.5
SNA				iP	P	22 42 11.2	+2.9
SNA				iP	P	22 42 18.8	-0.2
SNA				iP	P	22 42 22.2	-0.3
RPW	Rockport	85.61	33	eP	P	22 42 07.0	-1.8
VNA3	Neumayer Olymp	85.64	175	iP	P	22 42 12.6</	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DPC, BRG, MORC, HMDT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NVSS, PLE, IVA, UPM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IGT, LKD, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JAN, MEV, KKK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like STKA, ASAR, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BDRM, MLSB, NISRO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DHRM, TRBA, UDYU, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HAJJ, KUA, NIKU, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TRO, SJIU, SGF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KBS, SPAO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FITZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RAR, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like URZ, RPZ, CTA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CTAO, STKA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASPA, WB2, WRAB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FITZ, SBA, MBWA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OTT, EKTN, LDGN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ACKN, LGSN, YMBN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like COWN, NODN, MLON, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BOXN, CAMN, MGTN, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Kunigami, Aguni-jima, Amami Oshima, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CMAR, WMQ, GUN, PKI, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KIC, TIC, LIC, SDV, etc.

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

MOS 14 11:34:40.1, 9.48.05N:152.77E, h165km, mb3.6/4, Error ellipse: s-maj=46.0km s-min=23.0km az=50.8

ISC 14 11:34:37.8±0.8, 47.8N±0.1x153.0E±0.2, h144km, gkm, n27, r1544/32, mb3.5/6, Kuril Islands

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

NEM2 Nemuro 2 6.77 231 P P 11 36 13.9 -1.9

JNK Nakash 7.18 237 P P 11 36 21.6 +0.3

JTKR Abashiri-Toko 7.42 242 P P 11 36 25.6 +1.1

JAK Akkeshi 7.58 233 P P 11 36 27.4 -0.2

JMP Maruseppu 7.73 244 P P 11 37 43.9 -7.5

JAR Ashorobuto 7.90 238 P P 11 36 31.8 +0.8

JOB Onbets 8.11 236 P P 11 36 32.7 -1.1

ASAJ Asahikawa 8.13 247 P P 11 36 35.6 +2.4

ASAJ Asahikawa 8.13 247 P P 11 36 36.4 +2.3

ASAJ Asahikawa 8.13 247 P N 11 36 36.5 +2.4

JKK2 Kamakawa 2 8.17 245 P P 11 36 36.3 +1.7

JCH Churui 8.56 236 P P 11 36 38.4 -1.4

JFR Furan 8.66 241 P P 11 36 43.1 +2.0

JNBK Urawaka-nobuka 9.12 236 P P 11 36 45.3 -1.9

FX1 Attu Island-F 13.82 61 P P 11 37 52.4 +4.2

FX1 Attu Island-F 13.82 61 P P 11 37 52.4 +4.2

MKAR Makanchi Array 46.37 296 P P 11 42 50.1 -0.7

MKAR Borovoye Array 50.10 309 P P 11 43 19.3 -0.3

CMAR Chiang Mai Arr 52.55 255 P P 11 43 39.6 +1.2

CMAR Chiang Mai Arr 52.55 255 P P 11 43 39.7 +1.2

FINES FINESS Array B 63.01 334 P P 11 44 49.8 -1.3

FINES FINESS Array B 63.01 334 P P 11 44 49.8 -1.3

WRA Warramunga Arr 69.52 199 P P 11 45 31.8 -0.9

TXAR Lajitas Array 77.03 61 P P 11 46 17.6 +1.3

MOS 14 11:55:27.4±0.9, 47.53N±1.52, 12E, h151km, mb4.3/6, Error ellipse: s-maj=24.2km s-min=15.0km az=73.0

NEIC 14 11:55:28.7±1.7, 47.47N±152.23E, h149km, 10km, mb4.3/1, Error ellipse: s-maj=33.2km s-min=10.2km az=161.0

ISC 14 11:55:29.3±1.4, 47.5N±0.2x152.2E±0.2, h147km, gkm, n30, r1546/31, mb3.8/14, 1C, Kuril Islands

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

YSS Yuzh-Sakhalin 6.45 269 ePN P 11 57 01.8 +1.3

PET Petropavlovsk 6.91 34 P P 11 57 06.9 +0.9

ASAJ Asahikawa 7.51 247 P N 11 57 13.8 -0.9

TIXI Tiksi 26.57 344 eP P 12 00 51.9 -0.5

IMA Indian Mountain 33.58 37 P P 12 01 46.5 -7.8

ILAR Eielson Array 36.36 39 P P 12 02 18.2 +0.4

ILAR Eielson Array 36.36 39 P P 12 02 18.3 +0.4

INUK Inuvik 41.36 33 P P 12 03 00.7 +1.4

YKA Yellowknife Ar 50.70 37 P P 12 04 12.9 +0.2

ARCES ARCESS Array B 56.94 340 P P 12 04 58.0 -0.3

ARCES ARCESS Array B 56.94 340 P P 12 04 58.0 -0.2

ARCES ARCESS Array B 56.94 340 P P 12 04 58.0 -0.3

FINES FINESS Array B 63.09 334 P P 12 05 39.6 -0.7

PDAR Pinedale Array 64.81 54 P P 12 05 51.0 -0.7

NB2 NORSAR Subarra 67.31 341 P P 12 06 07.1 -0.1

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

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NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

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NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

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NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 06 07.5 +0.3

NOA NORSAR Array B 67.31 341 P P 12 0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Cedar Flats, Tradedollar La, Kosmos, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Neumayer-Stat, Neumayer Olymp, Neumayer-Watz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like PALC Alcouthim, PALC, EMAZ, etc.

PDG 14 14:37:49.3, 1.5, 42.15N, 15.89E, h29km, 4km
NEIC 14 14:37:49.2, 42.15N, 15.92E, h19km, MD3.3(ROM), MD3.3(PDG), ML3.1(ZAG), After ROM

NEIC 14 14:41:40.6, 2.1, 6.38S, 129.96E, h63km, 23km, mb4.3/5, Error ellipse: s-maj=1.4 km s-min=12.9 km az=66.0

SONM Songino Array 150.56 84 PKPbc PKPdf 14 58 35.0 +7.5

ISC 14 14:37:48.0, 0.2, 42.26N, 0.02, 15.84E, 0.02, h19km, n72, e108/105, 9C-6D, Adriatic Sea

ISC 14 14:41:41.7, 2.2, 6.45S, 0.07, 130.0E, 0.1, h97km, 22km, n25, s106/30, mb4.3/1, 1D, Banda Sea

EMOS Mosqueruela 8.29 80 P 14 55 43.7 -1.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Monte Sant'Ang, Monte Sant'Ang, Rignano Grg, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Kakadu, Kakadu, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ELAN Lanestosa, ELAN, ETOB Tobarra, etc.

HELI 14 14:54:47.6, 0.1, 59.00N, 18.17E, ML1.7, ML2.5(UPP), Explosion

ISC 14 14:54:50.6, 2.1, 59.31N, 18.09E, mb1 3.2/3, mb1mx3.1/19, ML2.4/4, Error ellipse: s-maj=27.3 km

ISC 14 14:54:45.9, 0.4, 59.01N, 0.03, 18.26E, 0.05, n24, e077/34, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Monte Rocchett, Gregorio Mates, Gregorio Mates, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ASAR Alice Springs, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like NYNU Nynaeshamm, NYNU, NYNU, etc.

NEIC 14 14:53:43.6, 39.46N, 11.08W, MN3.1(MDD), After MDD, MDD 14 14:53:44.1, 1.1, 39.45N, 11.18W, h12km, 29km, mBLg3.0/12, Error ellipse: s-maj=31.8 km s-min=7.4 km az=81.0, PRXIMO

INMG 14 14:53:45.9, 1.2, 39.42N, 11.18W, h96km, 24km, ML2.7, Error ellipse: s-maj=8.2 km s-min=5.9 km az=88.0, North Atlantic Ocean

MEX 14 15:13:00.4, 0.8, 15.97N, 97.28W, h22km, 41km, MD3.8, 1C, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Loures, Loures, PTOM Tomar, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like PLOU Loures, PLOU, PTOM Tomar, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HUIG Huatulco, HUIG, HUIG, etc.

NEIC 14 14:38:41.7, 1.1, 15.28S, 27.96W, h10km, mb4.3/3, Error ellipse: s-maj=60.3 km s-min=16.8 km az=57.0

ISC 14 14:38:41.8, 3.4, 5.47S, 27.65W, mb4.3/2, mb1 4.5/2, mb1mx4.0/10, Error ellipse: s-maj=39.4 km s-min=40.5 km az=29.0

ISC 14 14:38:39.0, 2.8, 54.7S, 0.5, 2.7W, h10km, n12, e141/10, mb4.3/5, SC, South Sandwich Islands region

TAP 14 15:27:39.5, 23.24N, 121.41E, h25km, ML3.8
TAP Fell II J at Chenggung, II J at Yuli, I J at Dungschan.
JMA 14 15:27:41.9, 0.2, 23.35N, 121.58E, n97km, M2.8
ISC 14 15:27:39.1, 0.4, 23.20N, 0.02, 121.55E, 0.02, h19km, 5km, n51, e084/85, 11C-2D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CHKT Chengkung, TWFI Yuli, HUNGYE Hungye, etc.

NIED 14 15:33:00, 33.10N, 137.00E, h20km, Mw3.6 Best double couple: M2.39x10^14 NP1.9x271°, δ53°, λ108°. NP2.0x63°, δ41°, λ68°.

JMA 14 15:33:56.9, 0.1, 33.12N, 136.99E, h38km, Mw3.6

ISC 14 15:33:57.6, 1.1, 33.16N, 0.07, 136.98E, 0.04, h50km, n13, δ55/124, 9D, Near-shore coast of western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TK01 Tokai, TK02 Tokai 2, JWZ Kozaga, etc.

IDC 14 15:44:32.9, 15.0, 9.90N, 125.15E, h137km, 168km, mb3.3/5, mb1.3, 3.5/6, mb1mx3.3/19, ML4.1/1, Error ellipse: s-maj=90.0km s-min=19.0km az=73.0

ISC 14 15:44:31.7, 1.2, 9.9N, 0.1, 125.2E, 0.4, h145km, n10, n8, δ150/9, mb3.5/5, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Kunigami, FITZ Fitzroy Crossi, etc.

NEIC 14 16:47:35.7, 35.17N, 26.77E, h23km, MD3.6(ATH), After ATH.

ATH 14 16:47:35.7, 35.17N, 26.77E, h23km, 3km, MD3.6/7

ISC 14 16:47:34.5, 1.7, 35.15N, 0.1, 26.8E, 0.1, h10km, n13, δ82/14, 1D, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, KARP Karpathos, etc.

Table with columns: XRY, Khrisi, Neapolis, NGS, ARPS, SANTI, THRI, THRE, THRS, THRS, GVD, APE, KITH, YLTH, VETAI. Includes time and resonance data.

IDC 14 17:03:46.1, 3.1, 21.48S, 169.52E, mb4.1/5, mb1.4/4.5, mb1mx4.1/13, Error ellipse: s-maj=166.0km s-min=26.2km az=157.0

ISC 14 17:03:45.8, 3.9, 21.7S, 0.3, 169.71E, 0.09, h12km, 25km, n14, δ92/15, mb4.1/5, 4C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, NOUC Port Laguerre, ASAR Alice Springs, etc.

ILAR Eielson Array 92.87 17 P 17 16 57.3 0.0

GERES GERES Array B 146.86 31 PKPbc PKPbc 17 23 29.4 +1.9

NIED 14 17:09:00, 44.00N, 147.80E, h47km, Mw3.9 Best double couple: M8.41x10^14 NP1.9x6°, δ74°, λ74°. NP2.0x233°, δ22°, λ134°.

MOS 14 17:09:46.7, 0.9, 44.39N, 148.06E, h63km, mb4.2/5, Error ellipse: s-maj=22.9km s-min=22.2km az=141.2

SKHL 14 17:09:47.9, 0.2, 44.30N, 148.00E, h33km, mb5.2/2

JMA 14 17:09:47.7, 0.2, 43.95N, 147.84E, M4.8

NEIC 14 17:09:50.2, 0.4, 44.43N, 147.96E, h79km, 16km, mb4.0/1, Error ellipse: s-maj=16.2km s-min=14.1km az=131.0

IDC 14 17:09:50.4, 4.4, 44.43N, 147.95E, h74km, 35km, mb3.5/10, mb1.3/7.1, mb1mx3.6/22, ML3.4/1, MS2.8/1, Ms1.2.8/1, ms1mx2.2/22, Error ellipse: s-maj=24.5km s-min=20.5km az=103.0

ISC 14 17:09:47.2, 0.9, 44.34N, 0.05, 148.04E, 0.08, h63km, 6km, n41, δ98/55, mb4.0/15, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 815nm, 0.4s, KUR 758nm, 0.4s, etc.

KUR comp=N, 820nm, 0.4s pmax pmax

KUR comp=E, 760nm, 0.4s pmax pmax

KUR comp=Z, 1.0m, 0.4s smax

KUR comp=N, 2.0m, 0.5s smax

KUR comp=E, 4.0m, 0.5s smax

KUR comp=N, 5.0m, 1.6s smax

YUK Yuzh-Kuril'sk 1.60 260/1P AMB P 17 10 13.4 -0.5

YUK comp=E, 1.0m, 1.6s I S 17 10 32.4 -1.2

YUK comp=E, 8.0m, 1.0s I S 17 10 35.3

YUK comp=E, 8.0m, 0.7s A 17 10 35.5

YUK comp=E, 3.0m, 0.5s A 17 10 35.5

YUK comp=E, 4.0m, 0.5s I S 17 10 13.4 -0.5

YUK comp=Z, 1.0m, 0.3s I S 17 10 32.4 -1.2

YUK comp=N, 8.0m, 1.0s smax

YUK comp=E, 8.0m, 0.7s smax

YUK comp=N, 3.0m, 0.5s smax

YUK comp=E, 4.0m, 0.5s smax

NEM2 Nemuro 2 1.93 240 P P 17 10 17.9 -0.5

NEM2 JRA Rausu 2.14 260 P S 17 10 39.7 -1.7

JNK Nakash 2.52 254 P P 17 10 27.3 +0.6

JAK Akkeshi 2.77 242 P S 17 10 30.0 -0.4

JAR Ashorobuto 3.26 253 P S 17 10 00.9 -1.9

JAR Onbets 3.38 246 P S 17 10 39.1 +0.3

JOB Maruseppu 3.38 266 P P 17 10 40.1 +1.1

JCH Churui 3.82 245 P S 17 10 26.8 -2.2

JKK2 Kamakawa 2 3.84 265 P P 17 10 42.7 +1.8

ASAJ Asahikawa 3.92 269 P P 17 10 47.5 +1.0

ASAJ comp=E, 3.8nm, 0.3s, baz=346, slow=17, SNR=3.0 LR LR 17 11 44.0 +12

JFR Furan 4.12 255 P P 17 10 51.2 +1.9

JNBK Urakawa-nobuka 4.38 244 P P 17 10 53.0 +0.2

Table with columns: MKAR, KURK, CMAR, CMAR, KKN, PKI, DMN, GKN, KOLN, FINES, FINES, WRA, WRA, ASAR, AKASA, BRTR, BRTR, TXAR. Includes time and resonance data.

IDC 14 17:09:48.9, 2.0, 21.95S, 169.59E, mb4.1/8, mb1.4/3/8, mb1mx4.3/13, MS3.4/3, Ms1.3.4/3, ms1mx3.1/18, Error ellipse: s-maj=88.1km s-min=24.3km az=152.0

NEIC 14 17:09:55.9, 0.6, 22.17S, 169.54E, h50km, mb4.6/1, Error ellipse: s-maj=21.3km s-min=15.6km az=176.0

ISC 14 17:09:54.2, 6.2, 22.1S, 0.2, 169.5E, 0.1, h50km, 21km, n23, δ94/18, mb4.1/9, MS3.3/3, 4C-3D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Port Laguerre, etc.

CTA Charters Tower 21.80 271 LR LR 17 21 51.5

STKA Stephens Creek 26.66 243 P P 17 15 30.9 +0.5

STKA comp=Z, 1.00m, 20.0s, MS3.4, baz=30, slow=36 LR LR 17 25 43.9

ASAR Alice Springs 32.80 260 P P 17 16 25.4 +0.3

ASAR comp=Z, 6.6m, 18.6s, MS3.4, baz=295, slow=33 LR LR 17 27 49.1

WRA Warramunga Arr 32.87 267 P P 17 16 25.1 -0.7

FITZ Fitzroy Crossi 41.30 267 eP 17 17 52.5 -3.6

FITZ Fitzroy Crossi 41.30 267 P P 17 17 36.1 -0.6

QSPA South Pole Qui 67.96 180 eP P 17 21 47.6 -1.8

CMAR Chiang Mai Arr 79.93 295 P P 17 20 59.8 -0.1

SNAA Sanae 86.33 182/1/1 P 17 22 30.5 -0.9

SNAA Sanae 86.33 182/1/1 pP 17 22 40.2 -5.5

VNA3 Neumayer Olymp 86.90 180/1/1 pP 17 22 33.4 +1.0

VNA3 Neumayer Olymp 86.90 180/1/1 pP 17 22 45.9 -3.1

VNA2 Neumayer-Watz 87.20 181/1/1 pP 17 22 37.4 +1.7

VNA2 Neumayer-Watz 87.20 181/1/1 pP 17 22 47.4 -3.1

SOMN Songoing Array 89.66 323 P P 17 22 49.5 +1.6

NVAR Mina Array Bea 90.49 48 P P 17 22 52.1 +1.0

ILAR Eielson Array 92.87 17 P 17 23 01.2 -1.2

BRG Bergshubel 145.53 332 eP PKPdf 17 29 29.3 +2.7

BRG Kasperke Hory 146.97 331/1/1 eP PKPbc PKPbc 17 29 33.0 +2.3

GERES GERES Array B 147.12 330 PKPbc PKPbc 17 29 33.9 +4.6

NIED 14 17:19:00, 42.80N, 143.40E, h130km, Mw3.7 Best double couple: M4.33x10^14 NP1.9x271°, δ82°, λ102°. NP2.0x148°, δ14°, λ34°.

IDC 14 17:19:40.2, 6.7, 42.05N, 143.67E, h100km, 43km, mb3.7/6, mb1.3/8.7, mb1mx3.4/23, Error ellipse: s-maj=61.0km s-min=24.9km az=166.0

JMA 14 17:19:47.7, 0.1, 42.83N, 143.37E, h113km, 1km, M3.5

ISC 14 17:19:46.3, 0.6, 42.81N, 0.05, 143.41E, 0.05, h122km, 3km, n23, δ87/37, mb3.9/6, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JCH Churui, JCH Churui, JOB Onbets, etc.

JEW Eniwu 1.44 272 P P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abashiri-Toko 1.21 17 P P 17 20 11.3 +0.3

JTRK Asahikawa 1.43 336 P P 17 20 14.2 +0.7

ASAJ 32nm, 0.3s, baz=180, slow=7.1, SNR=210 S 17 20 43.2 +9.0

JEW Eniwu 0.3s, baz=28, slow=28, SNR=5.5 P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abashiri-Toko 1.21 17 P P 17 20 11.3 +0.3

JTRK Asahikawa 1.43 336 P P 17 20 14.2 +0.7

ASAJ 32nm, 0.3s, baz=180, slow=7.1, SNR=210 S 17 20 43.2 +9.0

JEW Eniwu 0.3s, baz=28, slow=28, SNR=5.5 P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abashiri-Toko 1.21 17 P P 17 20 11.3 +0.3

JTRK Asahikawa 1.43 336 P P 17 20 14.2 +0.7

ASAJ 32nm, 0.3s, baz=180, slow=7.1, SNR=210 S 17 20 43.2 +9.0

JEW Eniwu 0.3s, baz=28, slow=28, SNR=5.5 P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abashiri-Toko 1.21 17 P P 17 20 11.3 +0.3

JTRK Asahikawa 1.43 336 P P 17 20 14.2 +0.7

ASAJ 32nm, 0.3s, baz=180, slow=7.1, SNR=210 S 17 20 43.2 +9.0

JEW Eniwu 0.3s, baz=28, slow=28, SNR=5.5 P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abashiri-Toko 1.21 17 P P 17 20 11.3 +0.3

JTRK Asahikawa 1.43 336 P P 17 20 14.2 +0.7

ASAJ 32nm, 0.3s, baz=180, slow=7.1, SNR=210 S 17 20 43.2 +9.0

JEW Eniwu 0.3s, baz=28, slow=28, SNR=5.5 P 17 20 13.9 +0.2

JAR Ashorobuto 0.55 28 P S 17 20 04.5 +0.8

JAR Furan 0.69 300 P S 17 20 05.8 -0.1

JFR Urakawa-nobuka 0.72 223 P S 17 20 02.0 +0.9

JNBK Biratori 2 0.77 268 P S 17 20 06.9 +0.3

JBT2 Erimo 0.82 193 P S 17 20 08.1 +1.1

JAK Akkeshi 0.96 79 P P 17 20 08.6 +0.2

JAK Ashibetsu 1.11 309 P S 17 20 24.4 -0.6

JKK2 Kamakawa 2 1.16 336 P P 17 20 18.3 +0.4

JMP Maruseppu 1.19 358 P P 17 20 11.2 +0.4

JTRK Abash

MOS 14 17:35:19.8,0.6,43.14N:145.25E,h90km,mb3.9/6, Error ellipse: s-maj=42.8km s-min=26.6km az=118.4, IDC 14 17:35:19.5,3.2,42.98N:145.47E,h75km,25km,mb3.6/9, mb1.3,7/10,mb1mx3.5/23, Error ellipse: s-maj=27.4km s-min=20.9km az=168.0, ISC 14 17:35:15.1,1.0,42.93N:0.08:145.52E,0.08,h52km,6km, n26,0:965/32,mb3.9/1,1D,Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JNK Nakash, JRA Rausu, YUK Yuzh-Kuril'sk, etc.

CASC 14 17:39:27.9,1.9,7.52N:82.44W,h20km,2gkm,MD4.2, MW3.3,2C-4D, South of Panama

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like PTP1 Petroterminal, DVD David, BRUZ Volcan, etc.

LDG 14 18:09:24.8,0.1,45.32N:14.72E,h10km,ML4.5/33, ms2.9/6, Error ellipse: s-maj=3.6km s-min=3.2km az=54.0, PDG 14 18:09:25.2,1.6,45.31N:14.55E,h12km,3km, ROM 14 18:09:25.9,0.3,45.32N:14.66E,h10km,ML4.4, Error ellipse: s-maj=3.0km s-min=2.1km az=90.0, LJU 14 18:09:25.0,45.29N:14.62E,h7km,ML3.9, BGR 14 18:09:25.8,0.8,45.26N:14.70E,h10km,ML4.8/10, Error ellipse: s-maj=10.0km s-min=7.8km az=95.0, CSEM 14 18:09:26.7,45.31N:14.69E,h40km,ML4.5, MED_RC 14 18:09:26.0,7.45,37N:14.79E,h20km,1km,MW4.2/6, Moment Tensor Solution. Body waves: s6,c6; Duration: 1=0 Moment tensor: Scale 10^15Nm; Mr:1.89;1.4; Mm:1.62;25; Mw:0.27;3; Mn:0.08;23; M0:0.95;22; Mr:1.51;55; Best double couple: Ms:2.48x10^15 NP1:90.94°, δ42°, λ47°. NP2:30.325°, δ61°, λ121°. Principal axes: T: 2.73, Plg61°, Azm284°; N:-51, Plg27°, Azm129°; P:-2.23, Plg11°, Azm33°; nst1 refers to waves, cutoff=35s.

ZUR 14 18:09:26.0,45.31N:14.65E,h10km,ML4.7/30, ZUR_RM 14 18:09:26.45,33N:14.58E,h12km,MW4.1/32, Moment Tensor Solution. s32 Moment tensor: Scale 10^15Nm; Mr:1.24; Mw:1.12; Mm:0.12; Mn:0.79; M0:0.45; Best double couple: Ms:1.69x10^15 NP1:93.361°, δ42°, λ47°. NP2:30.324°, δ42°, λ133°. Principal axes: T:1.732, Plg60°, Azm314°; N:-0.84, Plg27°, Azm109°; P:-1.648, Plg10°, Azm205°.

BUI 14 18:09:26.0,45.30N:14.60E,h10km,mb4.7,mb4.5,Ms4.3, Ms3.9, NEIC 14 18:09:26.0,0.1,45.33N:14.58E,h10km,mb4.2/7, MD4.3(PDG),ML4.5(BDG),ML4.5(STR),ML4.4(ROM), ML4.4(VIE),ML4.1(LJU), Error ellipse: s-maj=1.8km s-min=1.7km az=65.0, MOS 14 18:09:27.0,0.9,45.32N:14.57E,h33km,mb4.4/8, Error ellipse: s-maj=1.1km s-min=1.2km az=26.6, IDC 14 18:09:27.3,2.6,45.28N:14.57E,h21km,1.7km,mb4.0/11, mb1.4,1/21,mb1mx4.1/29,ML4.0/11,MS3.1/2,MS1.3/1.2, ms1mx2.4/31, Error ellipse: s-maj=12.5km s-min=9.1km az=46.0, STR 14 18:09:34.0,0.3,45.33N:13.74E,h10km,1km,ML5.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 14 18:09:25.9,0.2,45.31N:0.010:14.57E,0.01,h21km,2km, n455,0:124/612,mb4.2/22,MS3.7/3,56C-28D,

Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like KNEZ Knezi Dol, CEY Cerknica, BOJ Bojanci, BOSS Visnje, JAVS Javornik, TRI Trieste, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like LJLU Ljubljana, NOV Novolja, CRES Cresnjevec ost, LEGS Legarje, VOY Vojsko, CESS Cesta pri Krsk, GOLS Goljski, GOLIS Golise, DRES Drenčina, CADR Cadrj, COLI Colorado, COLO Colorado, ROB Robic, TLI Talmassons, OBKA Obir, SISC Sisak, BAD Bernadia, GROS Grobnik, GMNA Gemona, BUIA Buia, LSR Lussari, PERS Pernice, PTCC Patocco-Chiusa, BISS Bistrisjare, IESO Jesolo, BOO Bordo, MPR Monte Prat, PLRO Paularo, MLNI Malnisio, CAE Caneva, ZOU Zouplan, FVI Forni Avoltri, CSMI Casera Mimosia, CSO Casso, PESA Pesaro, AOI Ancona, KBA Koelnbreinsper, CGRP Cima Grappa, CGRP Cima Grappa, FAU Forcella Aurin, RSM Repubblica di, BRM Barisano, ARS Arzberg, ARSA Arsa, ALP Alpe Floria, FSSB Fossombrone, FSSB Fossombrone, ARV Arovia, CING Cingoli, CING Cingoli, CTI Castel Tesino, SEST Monte Rota, SFI Santa Sofia, PGD Poggio Sodo, RAVA Ravarino, MUR Monte Urbino, CRE Caprese Michel, MOA Molin, BER Berchtesgaden, APPI Appiano, SEI Scarpieria, SEI Scarpieria, SCE Schlegels, ASS Assisi, NRCA Norcia, NRCA Norcia, ZCCA Zocca, ZCCA Zocca, SOP Sopron, TER Teramo, WTTA Wattenberg, SAL Salo, SAL Salo, WAT Walderalm, WAT Walderalm, MBI Malga Bissina, CSNT Castellina Chi, CSNT Castellina Chi, GSCL Gusciola, GSCL Gusciola, PKSM Morecia, SQA Sankt Quirin, SQA Sankt Quirin, AQU L'Aquila, AQU L'Aquila, ERBM Eremo, ERBM Eremo, BDI Bagni Di Lucca, BDI Bagni Di Lucca, MOTA Moosalm, MOTA Moosalm, BRMO Bormio, BRMO Bormio, BRMO Bormio, VKA Vico, VKA Vico, VKA Vico, VNC Villacolumand, VNC Villacolumand, MINS Montasola, MINS Montasola, FUORN Openpass, FUORN Openpass, GRAM Gram, GRAM Gram, STON Ston

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res. Includes stations like STON Ston, INTR Introdacqua, INTR Introdacqua, WINC Vinca, WINC Vinca, BERNI Berninapass, BACM Bacini, GRFL Gerfalco, GRFL Gerfalco, ZST Bratislava, ZST Bratislava, PTQR Pietraguaria, PTQR Pietraguaria, CODM Codomo, CODM Codomo, VVLD Villa Valielon, VVLD Villa Valielon, FG2 Serracapriola, FG2 Serracapriola, CERT Carretto, CERT Carretto, DAVOX Davos, DAVOX Davos, DAVOX Davos, GEC2 GERESS Array S, GEC2 GERESS Array S, GEC2 GERESS Array S, GEC2 GERESS Array B, GERES Gerres, GERES Gerres, CII Carovilli, CII Carovilli, SRO Srobarova, SRO Srobarova, BOB Bobbio (Coli), BOB Bobbio (Coli), RGNG Rignano Grg, RGNG Rignano Grg, TOL Tolf, TOL Tolf, BRY Bry, VDL Val di Lei, VDL Val di Lei, VDOL Smolenice, VDOL Smolenice, UPM Unac-Piva, UPM Unac-Piva, BUD Budapest, BUD Budapest, DAVA Darnuels, DAVA Darnuels, TUE Stuetta, TUE Stuetta, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, UBR Uberruh, UBR Uberruh, MUGIO Muggio, MUGIO Muggio, SGG Gregorio Mates, SGG Gregorio Mates, PLE Pilejvia, PLE Pilejvia, PLO Ploons, PLO Ploons, WET Wetzell, WET Wetzell, WET Wetzell, HCY Herceg Novi, HCY Herceg Novi, KAMOR Kamor, KAMOR Kamor, DIVS Divcibare, DIVS Divcibare, NKY Niksic, NKY Niksic, FG5 Orsara di Pugl, FG5 Orsara di Pugl, GENL Genova Univers, GENL Genova Univers, PNB1 Pecosannita, PNB1 Pecosannita, SVSS Nova Varos 2, SVSS Nova Varos 2, VAI Varese, VAI Varese, VAI Varese, VAI Varese, VTB Vitulano, VTB Vitulano, JAVC Velka Javorina, JAVC Velka Javorina, LLS Linth-Limmern, LLS Linth-Limmern, LLS Linth-Limmern, KOLL Koll, KOLL Koll, MRBT Monte Rochett, MRBT Monte Rochett, BEO Belgrade, BEO Belgrade, VRAC Vranov, VRAC Vranov, VRAC Vranov, FG4 Candela, FG4 Candela, FUSIO Fusio, FUSIO Fusio, VYHS Vyhne, VYHS Vyhne, VYHS Vyhne, VYHS Vyhne, VYHS Vyhne, VYHS Vyhne, PCP Pajani-Castagno, PCP Pajani-Castagno, BUM Brianj-Budva, BUM Brianj-Budva, BUM Brianj-Budva, HDH Heidenheim, HDH Heidenheim, MUO Muotathal, MUO Muotathal, WILA Wila, WILA Wila, WILA Wila, TTT Podgorica, TTT Podgorica, CSSN Cassano Irpino, CSSN Cassano Irpino, PSZ Pliszkesteto, PSZ Pliszkesteto, BNALP Banjalp, BNALP Banjalp, IVA Berane, IVA Berane, IVA Berane, STEIN Stein am Rhein, STEIN Stein am Rhein, MRLC Muro Lucano, MRLC Muro Lucano, MRLC Muro Lucano, GRUS Gruga, GRUS Gruga, ZUR Zurich, ZUR Zurich, ZUR Zurich, ZUR Zurich, ZUR Zurich, FIN Finales Ligure, FIN Finales Ligure, FIN Finales Ligure, FIN Finales Ligure, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice

14d 19h

Table with columns: NEW, BOZ, DPW, SSE, BW06, PDAR, HLID, SDGO, DUG, TXAR, ASAR, SBA. Includes station names, coordinates, and time/res data.

IDC 14 18:10:09.3-1.5, 30.225x177.40W, mb4.2/5, mb1 4.3/6, mb1mx4.1/15, ML3.3/1, Error ellipse: s-maj=47.5km

NEIC 14 18:10:21.0-0.9, 29.615x177.77W, h75km, mb4.5/3, Error ellipse: s-maj=29.0km s-min=16.7km az=208.0

ISC 14 18:10:18.4-1.1, 30.255-0.09, 178.3W-0.2, h33km, n21, r16/16, mb4.2/2, CT, Kermadec Islands

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

IDC 14 18:36:36.6-9.8, 28.183x179.73E, h643km, 127km, mb3.6/6, mb1 3.5/6, mb1mx3.3/14, Error ellipse: s-maj=64.5km s-min=52.7km az=164.0

NEIC 14 18:36:40.0-4.1, 28.246x179.67E, h710km, 54km, mb3.8/8, Error ellipse: s-maj=34.3km s-min=22.7km az=64.0

ISC 14 18:36:39.1-1.1, 23.6S-0.2, 179.6E-0.2, h700km, n17, r048/16, mb3.9/11, South of Fiji Islands

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

NIED 14 18:51:00, 37.50N, 142.10E, h26km, Mw3.4 Best double couple: M1.38x10^14 NP1.3e229, 855, 1.100, NP2: 6.343, 811, 1.24

JMA 14 18:51:57.2-0.2, 37.52N-142.11E, h27km, 4km, M3.5, ISC 14 18:51:56.4-1.8, 37.52N-142.11E, h4km, n15km, n12, r071/21, Off east coast of Honshu

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

MDD 14 19:05:35.8-0.3, 41.50N-7.88W, mbLg1.4/10, Error ellipse: s-maj=5.0km s-min=2.2km az=69.0, PRXIMO

INMG 14 19:05:39.0-0.5, 41.50N-7.89W, ML1.0, Error ellipse: s-maj=1.4km s-min=0.7km az=76.0

ISC 14 19:05:34.0-0.6, 41.52N-0.03, 7.90W-0.06, h3km, 10km, n14, r056/19, Portugal

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

2004 SEP

Table with columns: ELOB, PVIS, PVIS, PVIS, PVIS, EZAM, EZAM, PBRC, PBRC, PBRC, ECAL, ECAL, MTE, MTE, MTE, STS, EMAZ, EMAZ, EPON, EPON. Lists stations and their coordinates.

IDC 14 19:07:42.5-4.4, 2.97S:128.69E, h37km, 38km, mb3.8/3, mb1 4.0/5, mb1mx3.7/14, ML3.8/2, Error ellipse: s-maj=90.3km s-min=14.9km az=71.0

NEIC 14 19:07:43.3-3.8, 2.85S:128.80E, h51km, 36km, mb4.0/3, Error ellipse: s-maj=37.5km s-min=22.7km az=64.0

ISC 14 19:07:35.3-2.6, 2.85S-0.1, 128.8E-0.2, h4km, 17km, n13, r1503/17, mb4.0/4, Ceram Sea

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

DHMR 14 19:22:34.4-1.2, 12.10N-44.09E, h10km, 8km, MD3.7, ML3.6, 1C-3D, Western Arabian Peninsula

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

BJI 14 19:28:42.8, 20.64S:69.08W, h112km, mb4.9

NEIC 14 19:28:43.7-0.4, 20.39S:68.68W, mb4.4/5, Error ellipse: s-maj=11.5km s-min=7.1km az=69.0

SYO 14 19:28:43.1, 20.37S:68.71W, h104km, MB4.4

IDC 14 19:28:44.2-0.8, 20.40S:68.64W, h114km, 5km, mb3.9/9, mb1 4.1/11, mb1mx4.0/15, MS3.2/1, Ms1 3.1/1, ms1mx2.6/14, Error ellipse: s-maj=24.5km s-min=16.3km az=45.0

ISC 14 19:28:41.8-0.7, 20.39S-0.04, 68.72W-0.08, h107km, 6km, h113km, 2.0km, p-P, A, nS, r1515/32, mb4.2/11, 5C-2D, Chile-Bolivia border region

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

Table with columns: MSU, MSU, PDAR, HWUT, ULM, NVAR, NVAR, SYO, SYO, SYO, YBH, TSUM, MAW, MAW, YKA, YKA, ASAR, ASAR, WRA, WRA, MKAR, MKAR, MKAR, MDJ, SONM, SONM, CN2, HHC, HHC, HHC, HHC. Lists stations and their coordinates.

NIED 14 19:30:00, 29.10N:130.00E, h38km, Mw4.3 Best double couple: M3.1x10^15 NP1.3e32, 673, 1.89, NP2: 6.216, 817, 1.93

JMA 14 19:30:37.7-0.2, 29.08N:130.04E, h67km, 4km, M3.7, ISC 14 19:30:11.4-1.1, 30.70N:133.97E, mb3.7/3, mb1 3.8/3, mb1mx3.6/21, Error ellipse: s-maj=29.0km s-min=9.7km az=118.0

ISC 14 19:30:38.0-0.6, 29.09N-0.04, 130.0E-0.1, h56km, 6km, n19, r085/27, mb4.3/5, Ryukyu Islands

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

IDC 14 19:31:38.2-1.4, 13.52S:172.16E, mb4.0/5, mb1 4.3/5, mb1mx4.1/13, MS3.7/1, Ms1 3.7/1, ms1mx3.1/15, Error ellipse: s-maj=103.0km s-min=24.1km az=144.0

ISC 14 19:31:41.7-1.2, 13.75S-0.6, 172.2E-0.4, h33km, n6, r0975/5, mb3.9/5, MS3.6/1, Vanuatu Islands region

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

IDC 14 19:34:12.0-0.8, 5.34S:145.44E, mb4.4/9, mb1 4.6/11, mb1mx4.5/15, ML3.9/2, MS3.9/4, Ms1 3.9/4, ms1mx3.5/14, Error ellipse: s-maj=25.8km s-min=16.5km az=77.0

NEIC 14 19:34:20.1-1.6, 5.34S:145.48E, h57km, 14km, mb4.6/9, Error ellipse: s-maj=12.9km s-min=11.0km az=212.0

ISC 14 19:34:18.2-1.9, 5.47S-0.09, 145.48E-0.09, h51km, 18km, n36, r090/30, mb4.6/17, MS3.8/3, Eastern New Guinea region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HINF, HAU, THEF, MEZF, SFTF, LOR, etc.

NEIC 14 21:23:11.7, 38.58N-21.51E, h5km, MD3.3(ATH), After ATH.

THE 14 21:23:12.7, 38.50N-21.50E, h6km, ML3.4
ATH 14 21:23:12.1, 38.58N-21.51E, h16km, 5km, MD3.3/8
ISC 14 21:23:11.3-1.2, 38.46N-0.05-21.52E, 0.06, h7km, n10km, n16, c1503/18, 2C, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RLS, EVD, VLS, AGG, LKR, etc.

NEIC 14 21:37:20.6, 39.64N-20.37E, h7km, MD3.6(ATH), After ATH.

ATH 14 21:37:20.6, 39.64N-20.37E, h7km, 2km, MD3.6/9
THE 14 21:37:21.8, 39.53N-20.38E, h10km, ML3.7
IDC 14 21:37:21.2-3.6, 39.24N-19.78E, h60km, 29km, mb3.8/3, mb1 3.7/5, mb1mx3.4/21, ML3.3/2, Error ellipse: s-maj=67.3km s-min=17.4km az=57.0

ISC 14 21:37:20.9-0.3, 39.52N-0.03-20.29E, 0.02, h10km, n49, c1503/72, mb4.0/3, 2C-1D, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEK, SRN, JAN, LSK, MEV, etc.

NEIC 14 21:51:03.1, 35.05S-70.49W, h5km, ML3.7(GUC), After GUC.

GUC 14 21:51:03.1, 35.05S-70.49W, h5km, 4km, MD4.3, ML3.7, 3C-3D, Chile-Argentina border region

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

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

MAN 14 22:02:49.7, 15.48N-122.37E, h1km, MS3.5, 1C-2D, Philippine Islands region

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

IDC 14 22:17:56.9, 1.4, 20.26N-93.49E, mb3.9/4, mb1 4.0/5, mb1mx3.7/18, ML3.9/1, Error ellipse: s-maj=58.2km, s-min=19.6km az=52.0

ISC 14 22:18:09.9, 1.4, 20.7N, 0.2-94.1E, 0.2, h119km, 16km, n14, c0573/15, mb3.8/4, 1C-1D, Myanmar

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

IDC 14 22:14:8.1, 13.0, 29.90N-53.58E, mb3.6/3, mb1 3.5/4, mb1mx3.4/19, ML3.4/1, Error ellipse: s-maj=310.0km, s-min=31.8km az=6.0, Southern Iran

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

NEIC 14 22:32:26.5, 33.20S-71.94W, h30km, ML3.2(GUC), After GUC.

GUC 14 22:32:26.5, 0.9, 33.20S-71.94W, h30km, 6km, MD4.0, ML3.2

ISC 14 22:32:24.9, 1.3, 33.17S-10.04-72.08W, 0.08, h24km, 6km, n17, c0568/25, 2C-2D, Off coast of Central Chile

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

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

STR 14 22:51:22.5, 0.7, 48.96N-7.94E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 14 22:51:23.0, 0.1, 48.94N-7.84E, h9km, Md2 2/2, M2.0/5, Error ellipse: s-maj=3.9km s-min=2.2km az=132.0
BGR 14 22:51:23.0, 0.5, 48.95N-7.84E, h10km, ML1.3/1, Error ellipse: s-maj=6.7km s-min=4.4km az=67.0

ISC 14 22:51:22.6-0.7, 48.93N-0.03-7.76E, 0.05, h9km, n14, c0584/27, France

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

DHMR 14 22:52:34.8-0.9, 12.21N-44.23E, h12km, 5km, ML3.7, 2C-3D, Western Arabian Peninsula

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

IDC 14 23:00:52.0, 0.8, 7.43S-130.64E, mb4.5/7, mb1 4.7/10, mb1mx4.6/13, ML4.6/3, MS3.5/3, M1 3.5/3, ms1mx3.2/12, Error ellipse: s-maj=46.8km s-min=15.6km az=67.0

NEIC 14 23:00:52.0, 0.6, 7.48S-130.65E, h10km, mb4.6/10, Error ellipse: s-maj=22.1km s-min=7.5km az=72.0

ISC 14 23:01:01.8-1.6, 7.92S-0.06-130.4E, 0.1, h106km, 16km, n38, c132/42, mb4.6/17, 1D, Tanimbar Islands region

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

PPAD	Pico dos Padre	2.04 119	eP	Pn	02 32 18.2	0.0
ADH	Angra Heroismo	2.10 119	eP	Lr	02 32 18.4	-0.6
ADH			eLR	Lr	02 32 55.0	
PVNV	Vila Nova	2.10 116	eP	Pn	02 32 18.1	-1.0
PVNV			eS	Pn	02 32 42.0	-3.4
RIB2	Ribeirinha	2.13 118	eS	Pn	02 32 43.9	-2.3
RIB2			eS	Pn	02 32 19.7	-0.2
PSCM	Serra do Cume	2.15 117	eP	Pn	02 32 44.0	-2.8
PSCM			eS	Pn	02 32 19.9	-0.2
PFVA	Pico das Favas	2.17 116	iP	Pn	02 32 43.8	-3.5
PFVA			eS	Pn	02 32 38.5	-0.1
SET4	Mosteiros	3.47 121	eP	Pn	02 32 38.7	-0.1
SET2	Ginetes	3.48 121	eP	Pn	02 32 38.8	-0.3
PFET	Feteiras	3.50 121	eP	Pn	02 32 39.8	+0.3
PSAN	Santo Antonio	3.52 120	eP	Pn	02 32 39.6	+0.3
PSET	Sete Cidraes	3.55 121	eP	Pn	02 32 41.1	+0.3
FAC	Faja de Cima	3.62 121	eP	Pn	02 32 42.1	+1.2
CMD	Ponta Delgada	3.63 121	eP	Pn	02 32 41.8	0.0
PCL	Cha da Macela	3.70 120	eP	Pn	02 32 41.7	-0.2
PVER	Pico Vermelho	3.72 119	eP	Pn	02 32 43.7	+1.6
PMAT	Coroa da Mata	3.73 120	eP	Pn	02 32 42.4	0.0
LFA	Lagoa do Fogo	3.75 119	eP	Pn	02 32 42.6	0.0
MESC	Monte Escuro	3.75 119	eP	Pn	02 32 43.6	+0.9
PRCH	Ribeira Ch	3.76 120	eP	Pn	02 32 43.3	+0.6
VIF	Vila Franca	3.78 120	eP	Pn	02 32 46.3	+3.1
PCNG	Congro	3.81 118	eP	Pn	02 32 44.5	+0.3
PFAD	Fenais Sta Ajud	3.86 118	eP	Pn	02 32 44.5	+0.3
MIRA	Miradouro	4.45 126	eP	Pn	02 32 51.9	-0.7
PSMN	Pico do Norte	16.77 87	eP	P	02 35 39.7	-0.2
EVO	Evora		eR			
EVO	7.3nm,0.5s		eR			
MTE	Manteigas	16.88 81	eP	P	02 35 42.3	+1.1
ESDC	Sonsec Array	19.69 82	eP	P	02 36 15.7	+0.2
ESDC			eR	Lr	02 42 53.1	
ESDC	comp=Z,2.0nm,18.2s,baz=280,slow=34					
ESDC	Sonsec Array	19.69 82	eP	P	02 36 15.7	+0.2
ESDC			eR	Lr	02 42 53.1	
ESDC	comp=Z,1.0nm,1.1s,ms4=8					
ESDC	Arti	57.11 41	eP	P	02 41 31.4	-0.6
ESDC	Arti	57.11 41	eP	P	02 41 33.8	-1.6
RJF	Les Rejaudoux	23.50 66	eP	P	02 36 54.1	+0.1
RJF			eR			
EKA	Eskdalemuir Ar	23.51 40	eP	P	02 36 55.6	+1.6
EKA	Eskdalemuir Ar	23.51 40	eP	P	02 36 55.6	+1.6
CAF	Calvaes	23.88 67	eP	P	02 36 57.1	-0.6
TCF	Touix Sta Croi	24.05 64	eP	P	02 37 00.5	+1.2
HYF	Humblyngny	24.43 61	eP	P	02 37 02.9	-0.2
BGF	Bois d'Angland	24.51 63	eP	P	02 37 03.8	0.0
AVF	Avril sur Loir	24.87 63	eP	P	02 37 07.6	+0.3
SSF	Saint Saulge	25.00 62	eP	P	02 37 08.7	+0.1
SMF	Signal de Mont	25.20 63	eP	P	02 37 10.0	-0.4
LOR	Lormes	25.26 62	eP	P	02 37 11.0	0.0
LOR			eR			
BORG	Borgarnes	25.54 8	eP	Lr	02 44 26.1	
BORG	comp=Z,1.1nm,18.9s,MS4.2,baz=182,slow=30					
BAIF	Baives	25.87 55	eP	P	02 37 16.0	-0.7
MAIZ	Mazieres J'vi	26.18 59	eP	P	02 37 19.5	-0.1
GIVF	Givet	26.27 55	eP	P	02 37 20.0	-0.4
SMRF	Simiane la Rot	26.40 69	eP	P	02 37 22.1	+0.4
ORIF	Oris-en-Rattie	26.59 67	eR	P	02 37 23.0	-0.4
ORIF			eR			
CABF	La Chapelle	26.74 63	eP	P	02 37 25.2	+0.4
HAU	Haudompre	27.00 60	eP	P	02 37 26.7	-0.4
HAU			eR			
FRF	La Foret Royal	27.20 70	eP	P	02 37 28.4	-0.6
CDF	Champ du Feu	27.65 59	eP	P	02 37 32.1	-0.9
SBF	Sospel	27.75 69	eP	P	02 37 33.0	-1.0
SCH0	Schefferville	29.05 314	Lr	Lr	02 48 07.2	
GRA1	Grafenberg Arr	30.33 57	eP	P	02 38 02.9	+5.8
GRA1	comp=Z,1.0nm,20.2s,MS4.6					
GRF	Grafenberg Arr	30.33 57	eP	P	02 38 02.9	+5.8
GRF	comp=Z,9.0nm,1.0s,ms4=5					
MOX	Moxa	30.65 55	iP	P	02 37 47.7	-12
MOX			eP	P	02 49 23.0	
MOX	Moxa	30.65 55	eP	P	02 37 47.7	-12
MOX			MLR	MLR		
NKC	Novy Kostel	31.15 56	eP	P	02 38 03.6	-0.7
NKC			eR		02 49 30.0	
KHC	Kasperske Hory	31.85 58	eP	P	02 38 10.9	+0.5
KHC			eR		02 48 40.0	
GERES	GERESS Array B	31.93 59	eP	P	02 38 11.0	-0.2
GERES	comp=Z,1.1nm,0.9s,ms3.7,baz=260,slow=8.1,SNR=5.9					
GERES	GERESS Array B	31.93 59	eP	P	02 38 10.9	-0.2
BRG	Berggiesshubel	32.14 55	eP	P	02 38 16.2	+3.2
BRG			pmx	pmx		
BRG	comp=Z,10.0nm,1.5s,ms4=4					
BRG	comp=N,590nm,17.9s,MS4.8					
BRG			MLR	MLR		
BRG	comp=E,2.0nm,17.9s,MS4.8					
BRG	Berggiesshubel	32.14 55	eP	P	02 38 16.2	+3.2
PRU	Pruhonice	32.49 57	eP	P	02 38 15.9	-0.1
PRU			eR		02 50 00.0	
PVCC	Panska Ves	32.52 56	eP	P	02 50 00.0	
NOA	NORSAR Array B	32.85 36	eP	P	02 38 19.1	+0.1
NOA	comp=E,0.7nm,0.7s,ms3.7,baz=248,slow=7.9,SNR=3.3					
NOA			eR		02 49 34.7	
JMIC	Jan Mayen	33.17 12	Lr	Lr	02 48 17.2	
JMIC	comp=E,550nm,19.4s,MS4.3,baz=272,slow=30					
UPC	Ujice	33.44 56	eP	P	02 38 29.7	+5.4
DPC	Dobruska-Polom	33.64 56	eP	P	02 38 31.2	+5.2
DPC			eR		02 50 40.0	
GKP	Gorka Klasztor	34.32 51	eP	P	02 38 32.6	+0.7
OJC	Ojcow	35.87 56	eP	P	02 38 45.7	+0.5
OJC			eS	S	02 44 25.6	+3.4
OJC			eR			
PSZ	Piszkesteto	36.09 60	eP	P	02 38 48.1	+1.0
PSZ	comp=Z,1.2nm,1.2s,ms4=5					
KWP	Kalwaria	37.79 57	eP	P	02 39 02.5	+1.2
DBIC	Dimbokro	39.69 139	eP	P	02 39 20.6	+3.0
DBIC	comp=Z,4.7nm,0.9s,ms4.2,baz=318,slow=11,SNR=4.1					
FINES	FINESS Array B	39.90 38	eP	P	02 39 19.1	+0.3
FINES	comp=Z,1.1nm,0.6s,ms3.8,baz=239,slow=8.1,SNR=3.5					
FINES			eR		02 54 14.5	
ARCES	ARCCESS Array B	41.33 26	eP	P	02 39 30.8	+0.4
ARCES	comp=Z,2.3nm,0.8s,ms3.9,baz=264,slow=9.1,SNR=3.4					
ARCES	comp=Z,5.12nm,19.3s,MS4.4,baz=203,slow=30					
AKASG	Malin Array B	41.82 55	eP	P	02 39 34.4	-0.2
AKASG	comp=Z,4.2nm,0.8s,ms4.1,baz=274,slow=8.5,SNR=16					
AKASG			eR		02 56 28.4	
WVT	Wawery	45.41 285	eP	P	02 40 04.3	+0.4
WVT	comp=Z,3.6nm,0.9s,ms4=7					
OBN	Obninsk	45.47 47	eP	P	02 40 04.5	-0.4
OBN			eS	S	02 46 52.8	+6.4
OBN			pmx	pmx		
OBN	comp=Z,2.7nm,1.4s,ms5.0					

OBN	comp=Z,600nm,17.0s,MS4.6					
ULM	Lac du Bonnet	46.62 306	Lr	Lr	02 58 50.2	
ULM	comp=Z,958nm,18.4s,MS4.8,baz=249,slow=35					
OXF	Oxford	47.24 283	eP	P	02 40 19.0	+0.6
OXF	comp=Z,46nm,1.1s,ms5.3					
BRTR	Reskin Array B	47.69 69	eP	P	02 40 22.6	+0.7
BRTR	comp=Z,1.1nm,0.8s,ms3.9,baz=270,slow=6.2,SNR=4.1					
BRTR			eR		03 00 43.1	
ANN	Anapa	48.59 61	eP	P	02 40 41.7	+1.3
ANN	comp=Z,43nm,1.3s,ms5.3					
FFF	Film F19	49 313	eP	P	02 40 33.3	0.0
FFF	comp=Z,18nm,1.3s,ms4.9					
MALT	Malatya	51.67 68	eP	P	02 40 52.5	+0.1
MALT	comp=Z,9.3nm,1.3s,ms4.5					
DGMT	Dagmar	52.34 306	eP	P	02 40 57.0	-0.3
DGMT	comp=Z,2.1nm,1.1s,ms5.1					
ROSC	El Rosal	53.18 241	Lr	Lr	03 00 19.9	
ROSC	comp=Z,804nm,21.3s,MS4.7,baz=48,slow=32					
YKA	Yellowknife Ar	53.52 325	Lr	Lr	03 01 33.4	
YKA	comp=Z,286nm,18.6s,MS4.4,baz=75,slow=34					
ZEI	Tsey	53.69 61	eP	P	02 41 03.0	-4.4
ZEI			eP		02 48 52.0	
ZEI			eP		02 41 07.9	-2.5
WMOK	Wichita Mouta	54.10 288	P	P	02 41 10.4	-1.1
WMOK	comp=Z,1.4nm,0.8s,ms3.9					
LAO	LSA	54.26 304	eP	P	02 41 30.4	-0.3
LAO	comp=Z,2.5nm,1.2s,ms5.5					
JCT	Junction City	56.88 284	eP	P	02 41 30.4	-0.3
JCT	comp=Z,1.2nm,1.6s,ms4.7					
JTS	JuntasAbangare	57.03 255	Lr	Lr	03 01 56.3	
JTS	comp=Z,5.73nm,20.9s,MS4.4,baz=347,slow=32					
ARU	Arti	57.11 41	iP	P	02 41 31.8	-0.2
ARU			eP		02 42 24.3	
ARU			eP		02 43 38.2	
ARU			eP		02 44 56.4	-3.7
ARU			eP		02 49 28.3	+3.2
ARU			eP		02 53 17.0	+1.6
ARU	comp=Z,10.0nm,1.1s,ms4=8					
ARU	Arti	57.11 41	eP	P	02 41 31.4	-0.6
SDCO	Great Sand Un	57.55 294	P	P	02 41 33.8	-1.6
SDCO	comp=Z,6.9nm,1.1s,ms4.6					
SAML	Samuel	57.56 220	eP	P	02 41 34.9	-0.9
SAML	comp=Z,2.8nm,1.0s,ms4.2					
BAO	Brasilia Array	57.67 201	eP	P	02 41 37.9	+1.4
BDFB	Brasilia	57.68 201	eP	P	02 41 37.5	+1.0
BDFB	comp=Z,14nm,1.1s,ms4.9,baz=3.0,slow=7.3,SNR=7.6					
BDFB			eP		03 03 05.8	
PDAR	Pinedale Array	58.05 301	eP	P	02 41 37.4	-1.4
PDAR	comp=Z,2.8nm,1.1s,ms4.4,baz=33,slow=32					
PDAR			eP		03 06 41.9	
BOZ	Bozeman W	58.12 305	eP	P	02 41 38.6	-0.5
BOZ	comp=Z,1.0nm,1.2s,ms4.7					
INK	Inuvik	58.57 335	eP	P	02 41 40.5	-1.6
INK	comp=Z,2.2nm,0.9s,ms4.2,baz=19,slow=7.5,SNR=3.6					
HWUT	Dugway	59.90 301	eP	P	02 41 51.2	-0.5
HWUT	comp=Z,1.7nm,1.0s,ms5.0					
DAU	Daniels Canyon	60.26 300	eP	P	02 41 54.1	-0.1
NEW	Newport	60.30 310	eP	P	02 41 53.0	-1.3
NEW			eP		02 42 23.9	
LTX	Lajitas	60.35 285	eP	P	02 41 55.2	+0.3
LTX	comp=Z,2.7nm,0.6s,ms4.5					
TXAR	Lajitas Array	60.35 285	eP	P	02 41 54.7	-0.2
TXAR	comp=Z,3.3nm,1.0s,ms4.3,baz=76,slow=7.2,SNR=10					
TXAR			eP		03 06 19.8	
HLID	Hailey	60.44 304	eP	P	02 41 58.1	+0.1
HLID	comp=Z,5.43nm,20.3s,MS4.7,baz=75,slow=34					
DPW	Davenport	61.13 310	eP	P	02 41 58.6	-1.4
DUG	Dugway	61.41 300	eP	P	02 42 01.8	-0.2
DUG	comp=Z,0.9nm,1.1s,ms4.8					
MSU	Marysvale	61.81 298	eP	P	02 42 05.1	+0.5
DLBC	Dease Lake	62.13 324	eP	P	02 42 06.8	+0.2
DLBC	comp=Z,6.3nm,1.2s,ms4.6,baz=69,slow=12,SNR=3.7					
LNOR	Lincoln					

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Makanchi Array, Kurchatov, Chiang Mai Arr, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WUAZ Wupatki, ZEI Tsey, AKASG Main Array Br, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LDG 15 07:02:30, NEIC 15 07:02:30, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFDO San Fernando, PEL Pelehuo, LNV Longovilo, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEDI Kedomdong, KELI Kelakatan, KELI Kelakatan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEDI Kedomdong, KELI Kelakatan, KELI Kelakatan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THRI Thra Island, SANT Santorini, THRE Thra Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THRI Thra Island, SANT Santorini, THRE Thra Island, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THRI Thra Island, SANT Santorini, THRE Thra Island, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THRI Thra Island, SANT Santorini, THRE Thra Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, MGZ Maungaku, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECX 15:10:18.19.0.0.6.29.57N, BUI 15:10:18.30.1.30.00N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, MGZ Maungaku, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECX 15:10:18.19.0.0.6.29.57N, BUI 15:10:18.30.1.30.00N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, MGZ Maungaku, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECX 15:10:18.19.0.0.6.29.57N, BUI 15:10:18.30.1.30.00N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECX 15:10:18.19.0.0.6.29.57N, BUI 15:10:18.30.1.30.00N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

NEIC 15:10:29.6.35.09N-26.26E, h31km, MD3.7(ATH), After ATH. ATH 15:10:29.4.35.10N-26.28E, h30km, MD3.7/8. IDC 15:10:31.3.1.8.35.08N-26.28E, h53km, 31km, mb3.8/2, mb1 3.7/5, mb1mx3.4/20, ML3.7/3, Error ellipse: s-maj=42.7km s-min=16.8km az=13.0. ISK 15:10:32.8.35.35N-26.25E, h33km, MD3.7. SNSN 15:10:12.18.30.04N-33.85E, h10km, M1.6. ISC 15:10:27.7.1.0.34.92N-0.04-26.30E.0.14, h26km, 10km, n37, c097/47, mb4.0/2, 5C, CPD.

Code Station Name Az Phase ID Time Res. Includes stations like XRY Khrisi, NPS Neapolis, NPS Neapolis, etc.

Code Station Name Az Phase ID Time Res. Includes stations like THRI Thra Island, SANT Santorini, THRE Thra Island, etc.

Code Station Name Az Phase ID Time Res. Includes stations like DALT Dalian (Mudlia), YER Yerkesik, SMG Samos, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MANT Manisa, AKM Akhisar, KIZT Kizilcal, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ALWS Iiw as Safahya, HAOS Hachio, JMOS Jabal al Moall, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ARCS ARCESS Array B, MKAR Makanchi Array, etc.

Code Station Name Az Phase ID Time Res. Includes stations like INGI Ingas, INGI Ingas, INGI Ingas, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RATI Rata, RATI Rata, RATI Rata, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KEDI Kedomdong, KEDI Kedomdong, KELI Kelakatan, etc.

Code Station Name Az Phase ID Time Res. Includes stations like SPX San Pedro Mart, EMX El Mayor, RDX Rancho Dowling, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ECNX Esteban Cantu, PGX Piedras Gordas, PGX Punta Banda, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WUAZ Wupaciti, DAC Darwin (Calif), TPNV Tonopah Spring, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like NVAR, NVAR, SRU San Rafael, etc.

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0.9nm, 0.8s, mb3.9, baz=124, slow=8.7, SNR=7.5

TAP 15:10:32.11.9, 21.30N:121.84E, h179km, 1km, ML3.8, Taiwan region

DJA 15:10:33:07.6:0.9, 8.87S:115.28E, h100km, 6km, MD4.8/4, ML4.0/2, 1C-10D, Error ellipse: s-maj=21.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ING1, INGI, INGI, RATI, etc.

DJA 15:11:08:32.3:0.9, 8.07S:115.01E, h33km, MD4.9/3, ML3.3/1, 1C-7D, Error ellipse: s-maj=21.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ING1, RATI, RATI, etc.

BER 15:11:43:38.6:4.9, 56.36N:22.93E, ML2.3(NAO), Suspected explosion

NAO 15:11:43:40.0:9.5, 56.57N:22.84E, ML2.3, Baltic States - Belarus - Northwestern Russia

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

IDC 15:11:43:47.3:2.1, 7.23S:147.12E, mb3.3/2, mb1 3.6/3, mb1mx3.4/9, ML2.8/1, MS3.2/1, MS1 3.2/1, ms1mx2.7/7, Error ellipse: s-maj=123.0km s-min=31.2km az=125.0, Eastern New Guinea region

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

JMA 15:11:44:28.9:0.3, 24.28N:122.00E, h39km, ML2.4 TAP 15:11:44:29.2, 24.43N:121.91E, h16km, ML3.1 TAP Felt IV at Nanau.

ISC 15:11:44:28.2:0.5, 24.40N:102.122.04E:0.02, h12km, 3km, n33, 0.82/60, 3C, Taiwan region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists many stations like TWC, ENA, ILA, etc.

IGQ 15:11:51:14.9, 1.37S:77.85W, h20km, 7km, mb4.1, Error ellipse: s-maj=3.5km s-min=1.9km az=47.9

ISC 15:11:51:17.6:4.6, 1.4S:0.1, 78.0W:0.1, h195km, 39km, n26, 0.863/27, 1C-21D, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like RUN2, RUN2.

Table with columns: ULBA, RETU, PATA, etc. Lists stations and their coordinates and times.

DJA 15:11:56:06.0:0.9, 8.86S:115.29E, h97km, 5km, MD4.9/4, ML3.3/1, 3C-7D, Error ellipse: s-maj=22.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ING1, RATI, RATI, etc.

DJA 15:12:19:27.4:1.0, 8.84S:115.34E, h98km, 6km, MD5.0/3, ML3.6/1, 5C-2D, Error ellipse: s-maj=26.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ING1, RATI, RATI, etc.

NEIC 15:12:31:55.9, 16.34N:98.36W, h10km, MD3.9(MEX), After MEX.

MEX 15:12:31:55.4:0.7, 16.06N:98.14W, h6km, 7km, MD4.0, 1D, Near coast of Guerrero

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

NEIC 15:12:36:53.1, 15.35N:97.95W, h10km, MD3.9(MEX), After MEX.

MEX 15:12:36:57.8:0.7, 16.05N:98.24W, h11km, 5km, MD3.9, 1C-1D, Near coast of Guerrero

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

IDC 15:10:57.4:4.2, 30.50N:89.73E, mb3.6/3, mb1 3.8/4, mb1mx3.6/18, ML3.0/1, Error ellipse: s-maj=198.0km s-min=30.4km az=71.0, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MKAR, WRA, ASAR, etc.

IDC 15:13:13:21.6:1.7, 19.14N:64.47W, mb3.7/4, mb1 4.1/4, mb1mx3.8/19, Error ellipse: s-maj=45.1km s-min=27.7km az=87.0, RSPPR 15:13:28.0, 19.56N:65.09W, h51km, 23km, MD4.0/7, MD4.0/7

NEIC 15:13:28.0, 19.56N:65.09W, h51km, mb4.3/1, MD4.0(RSPPR), After RSPPR

ISC 15:13:25.6:1.9, 19.50N:0.06:65.3W:0.1, h4km, 16km, n19, 0.48/26, mb3.8/5, 7C, Puerto Rico region

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

Table with columns: HUMP, SJC, SJC, SJC, etc. Lists stations and their coordinates and times.

BJI 15:13:19:23.7, 25.00N:112.50W, h10km, mb4.3, Ms4.3, IDC Ms24.1, IDC 15:19:25.9:1.1, 25.04N:112.34W, mb4.5/8, mb1 4.6/12, mb1mx4.5/20, ML4.2/4, MS4.0/14, Ms1 4.0/14, ms1mx3.8/25, Error ellipse: s-maj=26.2km s-min=20.4km az=51.0

NEIC 15:13:19:27.8:0.6, 25.01N:112.47W, h10km, mb4.2/20, Error ellipse: s-maj=9.1km s-min=5.5km az=221.0

ISC 15:13:19:27.0:3.5, 25.08N:108.112.42W:0.06, h14km, 21km, n107, 0.91/12/98, mb4.5/15, MS4.0/12, Baja California

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists many stations like TUCSON, BAR, LTX, etc.

RUE	Ruedersdorf	88.61 324	eP	P	19 23 31.0 +0.2
ULC	Ulcinj	88.65 313	iP	P	19 23 31.0 -0.3
HYA	Hoyanger	88.77 334	eP	AMB	19 23 32.0 +0.6
HYA	comp=Z,73nm,0.8s,mb5.8		Amb		19 23 33.1
HYA	comp=Z,73nm,0.8s,mb5.8		eP	pP	19 23 58.9 -1.2
HYA	Hoyanger	88.77 334	eP	P	19 23 32.0 +0.6
BUM	Brajici-Budva	88.80 313	iP	P	19 23 31.6 -0.3
VLS	Valsamata	88.81 309	eP	P	19 23 31.0 -1.1
BRV	Bratogost	88.86 314	iP	P	19 23 30.7 -1.5
PVCC	Panska Ves	88.86 322	eP	P	19 23 32.5 +0.4
PVCC	comp=Z,0.7nm,20.4s		eS	P	19 23 59.9 -0.9
PVCC	Panska Ves	88.86 322	eP	S	19 23 10.7 +2.4
PVCC	comp=Z,700nm,20.4s		eS	MLR	19 34 52.9
KEK	Kerkira	88.94 311	eP	P	19 23 31.5 -1.2
HCY	Herceg Novi	89.03 314	iP	P	19 23 32.5 -0.6
PRU	Pruhonice	89.07 322	iP	P	19 23 33.2 +0.1
PRU	comp=Z,143nm,1.0s,mb6.0		eP	pP	19 24 01.3 -0.5
PRU	comp=Z,143nm,1.0s,mb6.0		eS	SKS	19 33 53.2 +2.7
PRU	comp=Z,143nm,1.0s,mb6.0		eS	S	19 34 11.6 +1.4
PRU	comp=Z,143nm,1.0s,mb6.0		eS	SS	19 39 59.4 -1.0
PRU	comp=Z,143nm,1.0s,mb6.0		ex	x	19 46 47.7
PRU	comp=Z,143nm,1.0s,mb6.0		L	L	20 04 30.0
PRU	Pruhonice	89.07 322	eP	P	19 23 33.2 +0.1
PRU	comp=Z,143nm,1.0s,mb6.0		eS	S	19 33 53.2 +2.7
PRU	comp=Z,143nm,1.0s,mb6.0		eS	SS	19 34 11.6 +1.4
PRU	comp=Z,143nm,1.0s,mb6.0		eS	SS	19 39 59.4 -1.0
PRU	comp=Z,143nm,1.0s,mb6.0		ex	x	19 46 47.7
BRG	Bergliesshubel	89.11 323	iP	P	19 23 33.4 +0.2
BRG	comp=Z,246nm,0.1s		i	SS	19 27 06.0
BRG	comp=Z,246nm,0.1s		i	SS	19 33 53.0
BRG	comp=Z,246nm,0.1s		i	SS	19 40 08.0 -1.5
BRG	comp=N,1um,18.2s		MLR	MLR	
BRG	comp=E,840nm,18.2s		MLR	MLR	
BRG	comp=Z,760nm,18.2s		MLR	MLR	
BRG	Bergliesshubel	89.11 323	iP	P	19 23 33.4 +0.2
BRG	comp=Z,760nm,18.2s		iP	pP	19 24 04.2 +2.2
BRG	comp=Z,760nm,18.2s		eP	PP	19 27 06.0 -0.7
BRG	comp=Z,760nm,18.2s		eS	SKS	19 33 53.0 +2.3
BRG	comp=Z,760nm,18.2s		i	S	19 34 54.0
BRG	comp=Z,760nm,18.2s		i	SS	19 40 08.0 -1.5
BRG	comp=Z,760nm,18.2s		LR	LR	
ODD1	Odda	89.16 333	eP	AMB	19 23 31.9 -1.3
ODD1	comp=Z,127nm,0.8s,mb6.0		Amb		19 23 33.4
ODD1	comp=Z,127nm,0.8s,mb6.0		eP	pP	19 24 04.9 +2.9
ODD1	Odda	89.16 333	eP	P	19 23 31.9 -1.3
SUE	Sulen	89.43 334	eP	AMB	19 23 34.0 -0.4
SUE	comp=Z,102nm,1.6s,mb5.6		Amb		19 23 36.8
SUE	Sulen	89.43 334	eP	P	19 23 34.0 -0.4
SUE	comp=Z,102nm,1.6s,mb5.6		eP	P	19 23 34.0 -0.4
ARSA	Arzberg	89.44 319	iP	P	19 23 34.7 -0.1
ARSA	comp=Z,228nm,2.3s,mb5.8		i	P	19 23 34.5 -0.5
STON	Ston	89.45 314	iP	P	19 23 35.1 +0.5
BLSS	Blasjo	89.47 332	eP	AMB	19 23 35.5 +0.5
BLSS	comp=Z,162nm,0.9s,mb6.1		Amb		19 23 36.5
BLSS	Blasjo	89.47 332	eP	P	19 23 35.1 +0.5
BLSS	comp=Z,162nm,0.9s,mb6.1		eP	P	19 23 35.1 +0.5
RUND	Rundenannen	89.48 333	eP	AMB	19 23 34.5 -0.2
RUND	comp=Z,206nm,1.1s,mb6.1		Amb		19 23 37.0
MUD	Monsted U'grnd	89.49 329	iS	S	19 34 10.2 -3.7
MUD	comp=Z,127nm,19.0s		i	P	19 23 34.9 0.0
MUD	Monsted U'grnd	89.49 329	iP	P	19 23 34.9 0.0
MUD	comp=Z,125nm,0.7s,mb6.0		i	S	19 24 06.7 +3.1
MUD	comp=Z,125nm,0.7s,mb6.0		i	S	19 34 10.2 -3.7
MUD	comp=Z,125nm,0.7s,mb6.0		i	P	19 35 22.2
MUD	comp=Z,125nm,0.7s,mb6.0		i	P	19 23 34.9 -0.1
CLL	Collm	89.50 323	iP	P	19 23 34.0
CLL	comp=Z,logAT=2.3,mb6.1		e	i*PP	19 24 07.0 +3.2
CLL	comp=Z,logAT=2.3,mb6.1		e	e	19 24 11.0
CLL	comp=Z,logAT=2.3,mb6.1		e	e	19 26 44.0
CLL	comp=Z,logAT=2.3,mb6.1		e	iPP	19 27 09.0 -0.8
CLL	comp=Z,logAT=2.3,mb6.1		e	e*PPP	19 27 36.0
CLL	comp=Z,logAT=2.3,mb6.1		e	e*PPP	19 27 47.0
CLL	comp=Z,logAT=2.3,mb6.1		e	S	19 33 52.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	S	19 34 13.0 -1.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	SS	19 34 53.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	SP	19 35 19.0 -4.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	SPP	19 35 55.0 +2.7
CLL	comp=Z,logAT=2.3,mb6.1		eS	SS	19 40 15.0 -0.3
CLL	comp=Z,logAT=2.3,mb6.1		eS	eSSS	19 40 55.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	SSS	19 43 48.0 -2.8
CLL	comp=Z,logAT=2.3,mb6.1		eS	S	19 23 34.9 -0.1
CLL	comp=Z,logAT=2.3,mb6.1		eS	pP	19 23 57.0 -6.8
CLL	comp=Z,logAT=2.3,mb6.1		eS	SKS	19 34 13.0 -1.0
CLL	comp=Z,logAT=2.3,mb6.1		eS	LR	19 34 33.0 -1.0
BER	Bergen	89.51 333	eP	P	19 23 34.0 -0.9
EGD	Espesrend	89.61 333	eP	P	19 23 35.6 +0.3
MBAR	Mbarara	89.73 269	eP	P	19 23 37.4 +0.1
MBAR	comp=Z,20nm,0.8s,mb5.3		eP	pP	19 24 08.1 +2.0
BSEG	Bad Segeberg	89.96 326	eP	AMB	19 23 37.0 -0.1
BSEG	comp=Z,244nm,0.9s,mb6.3		eP	pmax	19 23 37.4 +0.1
KHC	Kasperske Hory	89.97 321	eP	P	19 23 37.4 +0.1
KHC	comp=Z,244nm,0.9s,mb6.3		eP	pP	19 24 07.4 +1.3
KHC	comp=Z,244nm,0.9s,mb6.3		ex	x	19 24 11.0
KHC	comp=Z,244nm,0.9s,mb6.3		eS	SKS	19 33 58.0 +2.0
KHC	comp=Z,244nm,0.9s,mb6.3		eAS	SS	19 34 20.5 +2.1
KHC	comp=Z,244nm,0.9s,mb6.3		eS	SS	19 35 02.3
KHC	comp=Z,244nm,0.9s,mb6.3		ex	x	19 40 25.6 +3.1
KHC	comp=Z,244nm,0.9s,mb6.3		ex	x	19 47 00.8
KHC	comp=Z,244nm,0.9s,mb6.3		LR	LR	20 06 20.0
KHC	Kasperske Hory	89.97 321	eP	P	19 23 37.4 +0.1
KHC	comp=Z,244nm,0.9s,mb6.3		eS	S	19 33 58.0
KHC	comp=Z,244nm,0.9s,mb6.3		eS	SS	19 34 20.5 +2.1
KHC	comp=Z,244nm,0.9s,mb6.3		eS	SS	19 40 25.6 +3.1
KHC	comp=Z,244nm,0.9s,mb6.3		MLR	MLR	
GE2	GERESS Array S	90.00 321	eP	P	19 23 37.6 +0.2
GE2	comp=Z,148nm,1.0s,mb6.1		eP	pmax	19 23 37.6 +0.2
GE2	comp=Z,148nm,1.0s,mb6.1		eP	P	19 23 37.6 +0.2
GERES	GERESS Array B	90.00 321	iP	P	19 23 37.7 +0.2
GERES	comp=Z,83nm,0.8s,mb5.9,baz=72,slow=4.2,SNR=317		i	pP	19 24 03.7 -2.5
GERES	comp=Z,8.4nm,0.8s,baz=90,slow=6.7,SNR=2.1		i	P	19 23 37.7 +0.3
GERES	GERESS Array B	90.00 321	iP	P	19 23 37.7 +0.3
GERES	comp=Z,83nm,0.8s		i	pmax	19 24 03.7 -2.6

GERES	comp=Z,8.0nm,0.8s		pmax	pmax	
MOA	Molin	90.02 320	iP	P	19 23 37.9 +0.4
STAV	Stavanger	90.04 332	eP	AMB	19 23 37.2 -0.1
STAV	comp=Z,92nm,1.2s,mb5.8		Amb		19 23 39.1
STAV	Stavanger	90.04 332	eP	P	19 23 37.2 -0.1
KMY	Karmoy	90.11 332	eP	AMB	19 23 37.7 0.0
KMY	comp=Z,254nm,1.3s,mb6.2		Amb		19 23 39.8
KMY	Karmoy	90.11 332	eP	pP	19 24 09.0 +2.4
KMY	comp=Z,254nm,1.3s,mb6.2		eP	P	19 23 37.7 0.0
BOUS	Bojanci	90.22 317	eP	P	19 23 38.6 +0.1
BOUS	comp=Z,154nm,1.3s,mb6.2		eP	pP	19 24 12.1 +4.7
BOUS	Bojanci	90.22 317	eP	pP	19 24 00.2
BOUS	comp=Z,154nm,1.3s,mb6.2		eS	SKS	19 23 38.6 +0.1
Novy Kostel	Novy Kostel	90.23 322	eP	P	19 23 38.6 +0.1
NKC	Novy Kostel	90.23 322	eP	pP	19 24 08.3 +3.9
NKC	comp=Z,0.7nm,15.5s		eS	S	19 34 20.3 +2.3
NKC	Novy Kostel	90.23 322	eP	SS	19 35 05.0
NKC	comp=Z,0.7nm,15.5s		ex	x	19 40 28.5 +2.3
NKC	Novy Kostel	90.23 322	eP	SS	19 35 05.0
NKC	comp=Z,0.7nm,15.5s		MLR	MLR	20 06 30.0
OBKA	Obir	90.32 318	iP	P	19 23 38.9 -0.1
OBKA	comp=Z,86nm,1.2s,mb5.8		i	P	19 23 39.6 +0.2
VISS	Visnje	90.39 318	eP	pP	19 24 12.1 +3.9
WET	Wetzell	90.39 321	eP	pmax	19 23 39.6 +0.3
WET	comp=Z,163nm,1.4s,mb6.0		pmax	pmax	
WET	Wetzell	90.39 321	eP	P	19 23 39.6 +0.3
LJU	Ljubljana	90.50 318	iP	PP	19 24 04.0 +0.5
LJU	comp=Z,163nm,1.4s,mb6.0		eP	PP	19 27 19.2 +1.2
LJU	Ljubljana	90.50 318	iP	PP	19 34 00.6
LJU	comp=Z,163nm,1.4s,mb6.0		eS	SKS	19 34 26.9 +3.6
LJU	Ljubljana	90.50 318	iP	P	19 35 07.4
LJU	comp=Z,163nm,1.4s,mb6.0		e	S	19 35 07.4
MOX	Moxa	90.56 323	iP	P	19 23 39.8 -0.2
MOX	comp=Z,logAT=2.1,mb6.0		i	P	19 24 10.0 +1.1
MOX	Moxa	90.56 323	eP	pP	19 34 25.0 +1.4
MOX	comp=Z,logAT=2.1,mb6.0		SS	SS	19 40 35.0 +4.3
MOX	Moxa	90.56 323	eP	P	19 23 39.8 -0.2
MOX	comp=Z,189nm,1.5s,mb6.0		pmax	pmax	
MOX	Moxa	90.56 323	eP	MLR	19 23 39.8 -0.2
MOX	comp=Z,189nm,1.5s,mb6.0		MLR	MLR	
MOX	Moxa	90.56 323	eP	MLR	19 23 39.8 -0.2
MOX	comp=Z,500nm,20.0s		LR	LR	
MOX	Moxa	90.56 323	eP	LR	19 23 39.8 -0.2
MOX	comp=Z,500nm,20.0s		LR	LR	
CLZ	Clausthal	90.79 324	eP	P	19 23 41.3 +0.2
KBA	Koelnbreinspre	90.88 319	iP	P	19 23 41.1 -0.5
KBA	comp=Z,281nm,1.5s,mb6.2		i	P	19 23 39.2 -2.6
VOY	Vojsko	90.92 318	eP	P	19 23 41.4
VOY	comp=Z,106nm,1.4s,mb5.8		e	P	19 23 41.4
CADR	Cadrg	90.95 318	eP	P	19 23 41.1 -0.8
GRA1	Grabenberg Arr	91.17 322	eP	P	19 23 43.2 +0.3
GRA1	comp=Z,146nm,1.0s,mb6.1		eP	PP	19 27 12.2 -1.1
GRA1	Grabenberg Arr	91.17 322	eP	SS	19 34 33.1 +4.0
GRA1	comp=Z,146nm,1.0s,mb6.1		eS	SS	19 40 38.6 -0.7
GRA1	Grabenberg Arr	91.17 322	eP	SS	19 40 38.6 -0.7
GRA1	comp=Z,146nm,1.0s,mb6.1		LR	LR	
GRF	Grabenberg Arr	91.17 322	eP	P	19 23 43.2 +0.3
GRF	comp=Z,700nm,21.6s		eS	S	19 34 33.1 +4.0
GRF	Grabenberg Arr	91.17 322	eP	SS	19 40 38.6 -0.7
GRF	comp=Z,700nm,21.6s		eS	SS	19 40 38.6 -0.7
GRF	Grabenberg Arr	91.17 322	eP	pmax	
GRF	comp=Z,146nm,1.0s,mb6.1		pmax	pmax	
GRF	Grabenberg Arr	91.17 322	eP	MLR	19 23 44.0 +0.7
GRF	comp=Z,146nm,1.0s,mb6.1		MLR	MLR	
ORI	Oriolo Calabro	91.27 312	eP	P	19 23 44.6 +0.7
RGNC	Rignano Grg	91.33 314	eP	P	19 23 43.6 -0.3
RGNC	comp=Z,24nm,1.1s,mb5.5		eP	P	19 23 43.7 -0.4
MAW	Mawson	91.51 199	eP	P	19 23 43.8 -0.3
MAW	comp=Z,24nm,1.1s,mb5.5		eP	P	19 23 44.2 +0.1
MAW	Mawson	91.51 199	eP	P	19 24 09.3 -3.6
MAW	comp=Z,42nm,1.1s,mb5.6,baz=46,slow=5.7,SNR=44		LR	LR	20 02 46.4
MAW	Mawson	91.51 199	eP	P	19 23 44.2 +0.1
MAW	comp=Z,42nm,1.1s,mb5.6,baz=46,slow=5.7,SNR=44		pP	pP	19 24 09.3 -3.6
MAW	Mawson	91.51 199	eP	pmax	
MAW	comp=Z,42nm,1.1s		pmax	pmax	
MAW	Mawson	91.51 199	eP	pmax	
MAW	comp=Z,42nm,1.1s		pmax	pmax	
MAW	Mawson	91.51 199	eP	MLR	19 23 45.2 +0.2

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Vieux Emosson, Vacheresse, Stonyehat, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SYO Syowa Base, SYO Syowa Base, SYO Syowa Base, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WCI Wyandotte Cave, LIC Licant, LIC Licant, etc.

LDG 15:29:54.1+0.4, 15.459S, 166.53E, h10km, Mb4.5/1, Error ellipse: s-maj=36.7km s-min=30.0km az=11.0

BUI 15:19:30.08, 6.15, 105.167E, h123km, mb4.4, NEIC 15:19:30.08, 6.18, 15.135S, 167.39E, h124km, 15km, mb4.5/1, Error ellipse: s-maj=11.1km s-min=9.4km az=22.0

IDC 15:20:10.9, 6.4, 15.205S, 167.47E, h148km, 55km, mb4.1/12, mb1 4.2/12, mb1mx4.1/16, Error ellipse: s-maj=25.8km s-min=19.6km az=33.0

ISC 15:19:09.4, 2.2, 15.245S, 0.09, 167.4E, 0.1, h143km, 19km, n84, r1906/41, mb4.3/23, 5C, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FLN, SSSA, GRR, SSF, SMF, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBRU, EJON, SJAF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ETSF, EMOS, EIBI, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KELI, Kelakatan, NAO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVR, SRR, SOH, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matias Romero, Serv Nac Est T, La Fuente, LBRS Las Brisas, LFRS El Faro, La Ceiba, San Vicente, El Vigia, Conchagua, Oaxaca, Vista Hermosa, Tepich, etc.

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

NEIC 15 22:47:53.5, 0.7, 34.01S; 72.35W, h33km, ML3.3(GUC), After GUC. GUC 15 22:47:53.5, 0.7, 34.01S; 72.35W, h33km, 3km, MD4.1, ML3.3, 1C-3D, Near coast of central Chile

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

NIED 15 23:09:00, 44.00N; 151.50E, h71km, Mw4.2 Best double couple: M2.19x10^15 NP1.95, delta70, lambda.96. NP2.25x10^15, delta21, lambda.74. IDC 15 23:09:02.1, 43.88N; 151.38E, mb3.7/5, mb1 4/1/5, mb1mx3.7/20, Error ellipse: s-maj=48.6km s-min=29.9km az=121.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Baotou, Eielson Array, Mina Array Bea, Warramunga Arr, FINESS Array B, Lajitas Array, etc.

IDC 15 23:16:35.7, 1.2, 43.63N; 151.69E, mb3.6/6, mb1 3/9/6, mb1mx3.7/21, Error ellipse: s-maj=33.8km s-min=30.6km az=139.0. IDC 15 23:16:38.8, 1.1, 43.63N; 151.69E, mb3.3/3, h33km, n6, o536/6, mb3.6/6, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Eielson Array, Makanchi Array, Borovoye Array, Yellowknife Arr, etc.

NIED 15 23:25:00, 43.60N; 147.20E, h50km, Mw4.1 Best double couple: M2.149x10^15 NP1.230, delta77, lambda.158. NP2.0.339, delta68, lambda.39. MOS 15 23:25:30.0, 0.9, 43.83N; 147.21E, h72km, mb4.5/8, Error ellipse: s-maj=17.6km s-min=11.9km az=87.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Eielson Array, Makanchi Array, Borovoye Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yuzh-Kuril'sk, YUK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, Kuril'sk, Rausu, Nakash, Akkeshi, Ashorobuto, Onbets, Maruseppu, Churui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kamakawa 2, Asahikawa, Asaj, Asahikawa, Asaj, Asahikawa, Furan, Erimo, Soyawa, Urakawa-nobuka, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yuzh-Sakhalins, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Borovoye Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borovoye Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borovoye Array, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Main Array Be, Colim, Schefferville, ESKdalemir Arr, etc.

IDC 15 23:45:55.9, 1.2, 1.68N; 126.55E, mb4.1/5, mb1 4.3/6, mb1mx4.0/15, ML3.5/1, Error ellipse: s-maj=100.0km s-min=17.2km az=68.0. NEIC 15 23:45:57.0, 0.7, 1.61N; 126.40E, h4km, mb4.2/8, Error ellipse: s-maj=32.8km s-min=11.1km az=65.0. ISC 15 23:45:56.0, 0.1, 1.70N; 1.126E, 0.3, h10km, n17, o563/17, mb4.2/11, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Fitzroy Crossi, Fitzroy Crossi, WRAB, WRA, WB2, MBWA, ASAR, ASPA, STKA, STKA, MKAR, MKAR, MKAR, BVAR, BRVK, SBA, GSPA, etc.

THE 16 00:01:05.5, 39.77N; 20.76E, h11km. ATH 16 00:01:05.5, 39.81N; 20.71E, h4km, MD2.9/3. ISC 16 00:01:05.2, 0.8, 39.74N; 0.06, 20.73E, 0.05, h22km, 9km, n8, o80/14, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Janina, Igomunita, MET, METsown, MEV, Kerrika, FNA, FNA, EVR, LIT, LIT, AGG, etc.

NIED 16 00:16:00, 41.00N; 141.60E, h86km, Mw4.2 Best double couple: M2.12x10^15 NP1.95, delta76, lambda.159. NP2.0.339, delta70, lambda.15. MOS 16 00:16:04.7, 0.8, 40.93N; 141.40E, h84km, mb4.4/11, Error ellipse: s-maj=20.0km s-min=10.4km az=88.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borovoye Array, Yellowknife Arr, etc.

IDC 16 00:16:07.0, 0.8, 40.86N; 141.39E, h92km, 7km, mb3.9/15, mb1 4/1/18, mb1mx4.0/25, MS2.7/1, Mst 2.7/1, ms1mx2.1/24, Error ellipse: s-maj=18.3km s-min=10.0km az=104.0. NEIC 16 00:16:09.0, 0.8, 40.96N; 141.48E, h105km, 7km, mb4.8/18, MW4.2(NIED), Error ellipse: s-maj=9.7km s-min=7.0km

NEIC Recorded [2 JMA] in Amori and Iwate Prefectures; [1 JMA] in southern Hokkaido. ISC 16 00:16:06.1, 0.4, 40.96N; 141.53E, 0.06, h95km, 2km, h95km, 3km, p, n76, o84/87, mb4.4/29, 10C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tenmabayashi, Ohata, Nango, Kayabe, Shiruichi, Hinai, Iwasaki, Yakumo 2, Ohasara, Naboribetsu, Urakawa-nobuka, ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, YUK, YUK, YUK, YUK, YUK, MAJO, etc.

Table with columns: MAT, Station Name, Time, Res, Phase ID, etc. Includes stations like Matsushiro, Yuzh-Sakhalins, Hachijo jima, etc.

NEIC 16 00:16:25.8, 33.12S-70.52W, h90km, MD3.5(GUC), After GUC
GUC 16 00:16:25.8-0.7, 33.12S-70.52W, h90km, 2km, MD3.5, W3.6
ISC 16 00:16:25.8-0.9, 33.12S-0.04, 70.57W-0.07, h93km, 6km, n20, 0.6R/37.9, 10C-8D, Chile-Argentina border region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, etc. Includes stations like Cerro Calan, Colegio Aleman, Farellones, etc.

CASC 16 00:48:54.3, 2.5, 13.66N-90.24W, h104km, 11km, MD3.8, ML3.9, 7D, Near coast of Guatemala
SNVI San Vicente 1.36 92 eP P 00 49 19.9 +0.4
MRL Marmol 1.50 21u eP S 00 49 21.0 -0.2

Table with columns: JAT, Station Name, Time, Res, Phase ID, etc. Includes stations like Jato, Cerat, Chirah Chowk, etc.

NEIC 16 00:16:25.8, 33.12S-70.52W, h90km, MD3.5(GUC), After GUC
GUC 16 00:16:25.8-0.7, 33.12S-70.52W, h90km, 2km, MD3.5, W3.6
ISC 16 00:16:25.8-0.9, 33.12S-0.04, 70.57W-0.07, h93km, 6km, n20, 0.6R/37.9, 10C-8D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK02 Tokai 2, JWZ Kozaga, JKN Kinagashima, etc.

Table with columns: STKA, Stephens Creek, 36.64 244 P, P, 03 24 02.5 -1.7. Includes ASAR Alice Springs, ASPA Alice Springs, WRA Warrungarra Arr.

Table with columns: MLZ Mavora Lakes, 0.60 114 P, P, 04 31 36.3 -0.5. Includes MLZ Wether Hill Ro, WHZ Wanaqa, WKZ Tuapeka, etc.

Table with columns: BUJ 16 03:19:17.9, 23.76W, 100.46E, h19km, ML3.7, 1C, Yunnan. Includes Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

NEIC 16 04:00:06.9, 0.5, 17.99Sx178.57W, h600km, mb4.0/7, Error ellipse: s-maj=24.0km s-min=9.4km az=151.0

Table with columns: DJA 16 03:20:57.6, 1.1, 3.36S, 121.26E, h100km, MD4.4/3, ML4.1/3, 3C-5D, Error ellipse: s-maj=25.5km s-min=19.0km az=70.0, Sulawesi. Includes Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

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

NEIC 16 03:22:06.5, 34.13S, 170.09W, h6km, ML2.7(GUC), After GUC. GUC 16 03:22:06.5, 0.6, 34.13S, 170.09W, h6km, ML3.6, ML2.7, 8C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes WRA Warrungarra Arr, ASAR Alice Springs, ASPA Alice Springs, etc.

IDC 16 03:00:16.8, 7.5, 33.09S, 179.94E, h225km, 76km, mb3.9/3, mb1.4/1.4, mb1mx3.6/1.4, Error ellipse: s-maj=78.8km s-min=45.3km az=8.0

NEIC 16 03:00:22.8, 1.9, 33.78S, 179.88E, h297km, 14km, mb4.0/2, Error ellipse: s-maj=29.6km s-min=19.5km az=72.0

IDC 16 03:00:17.1, 1.3, 33.9S, 179.1W, 0.2, h337km, 13km, n58, c15017/11, mb3.8/5.1, 1C, South of Kermadec Islands

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

Table with columns: CICH Cipreses, 0.34 235 I/P, Pg, 03 22 13.5 +0.2. Includes CACH Ei Canelo, CACH Ei Canelo, CACH Ei Canelo, etc.

Table with columns: CHCH Chadass Angostu, 0.51 292 e/P, Pg, 03 22 16.9 +0.3. Includes CHCH Chadass Angostu, CHCH Chadass Angostu, CHCH Chadass Angostu, etc.

Table with columns: ANTU Antupama, 0.72 320 I/P, Sg, 03 22 25.1 +1.5. Includes ANTU Antupama, ANTU Antupama, ANTU Antupama, etc.

Table with columns: FSR Penatolen, 0.74 330 e/P, Pg, 03 22 21.3 0.0. Includes FSR Penatolen, FSR Penatolen, FSR Penatolen, etc.

Table with columns: FARELONES, 0.81 348 I/P, Pb, 03 22 21.9 -0.7. Includes FARELONES, FARELONES, FARELONES, etc.

Table with columns: CLCH Cerro Calan, 0.82 333 I/P, Pb, 03 22 22.4 -0.3. Includes CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, etc.

Table with columns: DSCH Colegio Aleman, 0.83 331 I/P, Pb, 03 22 27.2 -0.2. Includes DSCH Colegio Aleman, DSCH Colegio Aleman, DSCH Colegio Aleman, etc.

Table with columns: TACH Talagante, 0.85 303 I/P, Pb, 03 22 23.0 -0.3. Includes TACH Talagante, TACH Talagante, TACH Talagante, etc.

Table with columns: RCDM Rinconada Maip, 0.87 316 I/P, S, 03 22 23.3 -0.3. Includes RCDM Rinconada Maip, RCDM Rinconada Maip, RCDM Rinconada Maip, etc.

Table with columns: SFDO San Fernando, 0.91 237 I/P, Pb, 03 22 23.8 -0.5. Includes SFDO San Fernando, SFDO San Fernando, SFDO San Fernando, etc.

Table with columns: LVN Longovillo, 1.11 278 I/P, Pb, 03 22 27.2 -0.5. Includes LVN Longovillo, LVN Longovillo, LVN Longovillo, etc.

Table with columns: LCH Las Cruces, 1.39 297 e/P, S, 03 22 31.9 -0.7. Includes LCH Las Cruces, LCH Las Cruces, LCH Las Cruces, etc.

Table with columns: JACH Jahuel, 1.50 343 I/P, Pb, 03 22 33.4 -0.7. Includes JACH Jahuel, JACH Jahuel, JACH Jahuel, etc.

DJA 16 03:46:08.7, 1.3, 2.86S, 122.39E, h46km, 21.7km, MD4.6/3, ML4.3/3, Error ellipse: s-maj=62.3km s-min=41.9km az=110.0

IDC 16 03:46:10.5, 2.9, 2.85S, 0.3, 122.2E, 0.1, h33km, n4, c1979/6, 3C-2D, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes BUNI Buntu Taipa, BUNI Buntu Taipa, BUNI Buntu Taipa, etc.

IDC 16 04:50:47.7, 8.1, 7.76S, 128.78E, h370km, 98km, mb3.0/1, mb1.2/9/4, mb1mx2.9/11, Error ellipse: s-maj=76.9km s-min=36.8km az=51.0, Banda Sea

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

Table with columns: FITZ Fitzroy Crossi, 10.73 196 e/P, S, 04 53 12.9 -2.6. Includes FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 13.26 157 e/P, S, 04 53 17.4 -3.3. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

NEIC 16 05:07:32.0, 0.6, 38.62N, 31.20E, h5km, MD4.1, ML4.2, Error ellipse: s-maj=7.9km s-min=5.8km az=212.0

IDC 16 05:07:27.2, 0.2, 38.70N, 0.02, 31.16E, 0.02, h5km, n155, c1510/179, mb4.2/20, MS3.6/4, 6C, Turkey

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

Table with columns: KIZT Kizical, 0.59 72 I/P, Pg, 05 07 38.4 -0.6. Includes KIZT Kizical, KIZT Kizical, KIZT Kizical, etc.

Table with columns: KIZT Kizical, 0.59 72 I/P, Pg, 05 07 38.4 -0.6. Includes KIZT Kizical, KIZT Kizical, KIZT Kizical, etc.

Table with columns: KIZT Kizical, 0.59 72 I/P, Pg, 05 07 38.4 -0.6. Includes KIZT Kizical, KIZT Kizical, KIZT Kizical, etc.

Table with columns: KIZT Kizical, 0.59 72 I/P, Pg, 05 07 38.4 -0.6. Includes KIZT Kizical, KIZT Kizical, KIZT Kizical, etc.

IDC 16 03:08:43.8, 8.0, 18.49S, 176.16W, mb3.7/3, mb1.4/0.3, mb1mx3.7/1.3, Error ellipse: s-maj=350.0km s-min=36.8km az=143.0, Fiji Islands region

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

Table with columns: WRA Warrungarra Arr, 46.63 260 e/P, S, 03 17 13.5 -2.5. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: WRA Warrungarra Arr, 46.63 260 e/P, S, 03 17 13.5 -2.5. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

IDC 16 04:31:21.6, 0.2, 45.11S, 167.39E, h84km, 1km, ML3.5/5, 1C, ID, Error ellipse: s-maj=1.6km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes DCZ Deep Cove, DCZ Deep Cove, DCZ Deep Cove, etc.

Table with columns: DCZ Deep Cove, 4.41 204 P, P, 04 31 34.6 -0.3. Includes DCZ Deep Cove, DCZ Deep Cove, DCZ Deep Cove, etc.

Table with columns: DCZ Deep Cove, 4.41 204 P, P, 04 31 34.6 -0.3. Includes DCZ Deep Cove, DCZ Deep Cove, DCZ Deep Cove, etc.

IDC 16 07:50:00.6:16.0, 4.56S-129.31E, h399km, 224km, mb3.0/1, mb1 2.9/3, mb1mx2.8/13, Error ellipse: s-maj=173.0km s-min=74.2km az=74.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

BER 16 08:17:43.2:3.57, 50N-5.96W, h5km, 33km, ML2.9, ML3.3(BGS)

BGS 16 08:17:43.2:0.1, 57.44N-5.97W, h5km, 1km, ML3.3, 7C, United Kingdom

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KPL Plockton, KSB Sheil Bridge, MDO Dochford, etc.

IDC 16 08:36:56.3:4.9, 43.80N-151.56E, h46km, 46km, mb3.5/6, mb1 3.8/7, mb1mx3.5/23, ML3.4/1, Error ellipse: s-maj=29.3km s-min=28.2km az=35.0

ISC 16 08:36:53.6:4.6, 43.8N, 0.2-151.5E, 0.3, h39km, 41km, n7, r132/7, mb3.8/6, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ Asahikawa, MKAR Makanchi Array, BVAR Borovoye Array, etc.

MAN 16 09:22:15.8, 10.15N-125.98E, h6km, mb4.2, ML3.0, MS2.9, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCPH Surigao, MSPL Maasin, BESP Borongan, etc.

NEIC 16 09:27:12.7, 33.91S-71.29W, h49km, mb4.4/4, MD4.3(GUC), After GUC.

NEIC Felt [III] at Rancagua and Santiago; [II] at San Antonio and San Fernando.

GUC 16 09:27:12.7:0.7, 33.91S-71.29W, h49km, 4km, MD4.3, ML4.3

SYO 16 09:27:12.7, 33.91S-71.29W, h49km, MB4.4

IDC 16 09:27:14.6:4.4, 33.95S-71.33W, h66km, 42km, mb3.3/2, mb1 3.7/4, mb1mx3.6/12, ML4.0/2, Error ellipse: s-maj=96.6km s-min=26.4km az=80.0

ISC 16 09:27:11.8:0.4, 33.93S-0.03, 71.36W, 0.04, h58km, 44km, n33, r084/44, mb3.9/5, 12C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LNV Longovio, LLCH Lillole, TACH Talagante, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TLL Tololo Astrono, PLCA Plover, TRQA Torquaitz, etc.

NEIC 16 09:45:57.4:0.8, 20.10S-177.95W, h500km, mb3.9/5, Error ellipse: s-maj=163.1, 9km s-min=17.3km az=169.0

IDC 16 09:46:02.2:2.4, 0.2, 20.35S-178.29W, h526km, 218km, mb3.2/4, mb1 3.3/4, mb1mx3.0/14, Error ellipse: s-maj=168.0km s-min=93.3km az=91.0

ISC 16 09:45:56.5:1.1, 20.25S-0.3, 178.0W, 0.2, h500km, n12, r084/11, mb3.8/8, Fiji Islands region

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

DJA 16 09:50:47.7:0.3, 6.40S-105.55E, h2km, MD4.0/2, ML3.6/1, 1C-3D, Error ellipse: s-maj=6.9km s-min=5.5km az=102.0, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PASI Pasiripis, PASI Pulasari, PENI Pendagan, etc.

IDC 16 09:50:57.0:5.9, 54.72S-28.15W, mb4.4/5, mb1 4.4/5, mb1mx4.1/13, MS4.0/11, Ms1 3.9/11, ms1mx3.9/15, Error ellipse: s-maj=38.1km s-min=20.6km az=24.0

NEIC 16 09:50:58.7:0.5, 55.05S-28.41W, h10km, mb4.5/6, Error ellipse: s-maj=14.7km s-min=8.8km az=58.0

ISC 16 09:51:01.9:5.0, 55.05S-0.1, 28.4W, 0.2, h52km, 48km, n29, r133/16, mb4.4/10, MS4.0/11, 1C-3D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAW Maxwell, BDFB Brasilia, SBA Scott Base, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VCR Vista de Mar, JCR Jicaral, JTS JuntasAbangare, etc.

IDC 16 09:56:45.6:0.8, 14.75N-147.10E, mb4.3/12, mb1 4.4/12, mb1mx4.2/22, Error ellipse: s-maj=25.3km s-min=16.4km az=92.0

NEIC 16 09:56:45.5:1.2, 14.75N-147.04E, h39km, 9km, mb4.7/7, Error ellipse: s-maj=14.3km s-min=7.2km az=93.0

ISC 16 09:56:49.8:2.1, 14.74N-0.07, 147.1E, 0.2, h43km, 14km, n32, r099/27, mb4.4/18, 3C, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SAPN Saipan, ANA2 Anatahan, ANAT Anatahan, etc.

DJA 16 10:05:05.8:1.3, 5.14S-105.64E, h106km, 15km, MD4.3/2, ML3.9/1, 4C-1D, Error ellipse: s-maj=5.6km s-min=3.5km az=64.0, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PENI Pendagan, PASI Pasiripis, ROSC El Rosal, etc.

NEIC 16 10:25:21.7:2.3, 33.49S-178.95W, h56km, 15km, mb5.0/12, Error ellipse: s-maj=23.2km s-min=13.9km az=218.0

SYO 16 10:25:21.0, 33.51S-178.82W, h54km, MB4.9

IDC 16 10:25:24.2:9.2, 33.45S-179.13W, h79km, 23km, mb4.2/7, mb1 4.4/9, mb1mx4.2/16, Error ellipse: s-maj=24.3km s-min=16.4km az=164.0

ISC 16 10:25:23.1:1.4, 33.61S-0.06, 179.7W, 0.1, h44km, 11km, n19, r133/78, mb4.7/16, 4C-5D, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, WCZ Waipu Caves, WZU Waipoua, etc.

GUC 16:10:32:20.0, 8.35, 11.5N x 70.63W, h3km, MD3.6, ML2.6, 2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SFDO San Fernando, CICH Cipreses, CACH El Canelo, etc.

MAN 16:10:33:58.1, 10.11N, 126.10E, h1km, mb4.4, ML3.3, MS3.1, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, WCZ Waipu Caves, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCPH Surigao, MSLP Maasin, BUTP Butuan, etc.

NEIC 16:10:49:57.1, 17.03N-94.56W, h138km, MD3.9(MEX), After MEX

MEX 16:10:49:57.3, 0.8, 17.03N-94.60W, h138km, gkm, MD3.9, Chiapas

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

16:10:55:40.9, 1.7, 9.96S, 124.72E, mb3.7/1, mb1 3.4/4, mb1mx3.3/12, ML3.0/2, Error ellipse: s-maj=82.6km

ISC 16:10:55:39.4, 2, 10.0S, 0.1x124.8E, 0.2, h7km, 28km, n4, r+143G, mb3.7/1, Timor region

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

NEIC 16:10:58:05.1, 35.23S, 70.39W, h13km, ML2.5(GUC), After GUC

GUC 16:10:58:05.1, 0.7, 35.23S, 70.39W, h13km, MD3.9, ML2.5, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SFDO San Fernando, CICH Cipreses, CACH El Canelo, etc.

16:11:18:08.6, 0.8, 55.30S, 28.88W, mb4.4/5, mb1 4.4/5, mb1mx4.2/14, MS4.1/10, Ms1 4.0/10, ms1mx3.9/15, Error ellipse: s-maj=37.2km

NEIC 16:11:18:10.2, 0.4, 55.21S, 28.84W, h10km, mb4.6/9, Error ellipse: s-maj=16.7km

ISC 16:11:18:08.2, 0.5, 55.18S, 0.10, 28.8W, 0.2, h10km, n37, r+131/19, mb4.5/13, MS4.1/10, 2C-2D, South Sandwich Islands region

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

MEX 16:11:46:46.7, 1.0, 17.09N x 100.15W, h14km, 12km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACX Acapulco, ZIIG Zihuatanejo, PLAT Platanillo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, INK Inuvik, DAWK Dawson, etc.

16:11:39:30.1, 1.3, 1.2, 30.3S x 167.12E, h249km, 29km, mb3.8/14, mb1 4.0/14, mb1mx3.9/17, Error ellipse: s-maj=17.2km

NEIC 16:11:39:33.0, 2.5, 12.29S, 167.10E, h281km, 24km, mb4.3/14, Error ellipse: s-maj=10.0km

ISC 16:11:39:28.7, 0.4, 12.31S, 0.08, 167.12E, h250km, n48, r+079/32, mb4.2/28, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTAO Charters Tower, URZ Urewera, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries for NEN, SRU, MSU, MVU, ARUT, SNA, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries for MTE, EZAM, EMJ, PVRL, EMAZ, ELOB, SUR, STS, ELOJ, ELUQ, EADA, ERO, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries for BSEG, WET, WETZ, KHC, GERES, CLL, COLM, BRG, etc.

16d 17h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WMQ Urumqi, MKAR Makanchi Array, etc.

MAN 16 16:11:43.5, 9.83N, 126.16E, h4km, mb4.4, ML3.2, MS3.0, Mindanao

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

IDC 16 16:46:41.1, 1.54, 24S, 135.72W, mb4.2/6, mb1 4.4/6, mb1mx4.2/13, MS4.2/15, Ms1 4.1/15, ms1mx4.1/17, Error ellipse: s-maj=57.3km s-min=22.2km az=172.0

NEIC 16 16:46:42.0, 0.6, 54, 135.82W, h10km, mb4.4/4, Error ellipse: s-maj=21.0km s-min=13.1km az=185.0

ISC 16 16:46:41.0, 0.7, 54, 135.82W, 0.2, h10km, n33, s1908/24, mb4.3/10, MS4.3/14, SC-4D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TBI Tubuai, SNZO South Karori, URZ Urewera, etc.

2004 SEP

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RAR Rarotonga, RAR Ushuaia, PLCA Pazo Flores, etc.

IDC 16 17:07:49.2, 1.9, 1.07N, 127.72E, mb3.6/3, mb1 3.9/3, mb1mx3.5/14, Error ellipse: s-maj=123.0km s-min=24.8km az=67.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WARR Warramunga Arr, WARR Eielson Array, etc.

SKHL 16 17:14:36.9, 1.4, 45.18N, 131.75E, h12km, 1km, mb4.1/3, Ms4.3

IDC 16 17:14:36.0, 0.8, 45.09N, 131.82E, mb3.7/6, mb1 3.9/7, mb1mx3.7/22, ML3.8/1, MS3.5/2, Ms1 3.5/2, ms1mx2.8/32, Error ellipse: s-maj=26.3km s-min=23.4km az=122.0

BUI 16 17:14:37.4, 45.27N, 131.76E, h33km, ML4.0, MS3.9, Ms3.4

MOS 16 17:14:51.2, 1.4, 46.24N, 130.99E, h99km, mb4.0/1, Error ellipse: s-maj=48.8km s-min=23.2km az=95.3

NEIC 16 17:14:37.5, 0.6, 45.14N, 131.73E, h10km, mb3.9/3, Error ellipse: s-maj=17.3km s-min=12.2km az=176.0, Priamurye-Northeastern China border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MDJ Mudanjiang, KLR Kul'dur, CN2 Changchun, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZEA Zeya, ZEA Zeyu, ZEA Borovoye, etc.

DJA 16 17:18:48.6, 1.0, 8.91S, 117.02E, h2km, ML5.0/3, 3C-3D, Error ellipse: s-maj=33.0km s-min=22.3km az=8.0, Sumbawa region

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

STR 16 17:23:02.8, 0.0, 42.73N, 0.68W, h5km, 1km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 16 17:23:03.0, 2.0, 42.95N, 1.50W, h2km, Md2.8/1, ML2.6/3, Error ellipse: s-maj=6.0km s-min=5.3km az=45.0

NEIC 16 17:23:03.2, 42.95N, 1.50W, h2km, ML2.3(STR), ML2.6(LDG), ML2.1(MDD), After LDG

MDD 16 17:23:03.6, 0.5, 42.88N, 1.42W, h2km, mb6km, mLg2.1/6, Error ellipse: s-maj=3.8km s-min=2.8km az=24.0, PRXIMO

ISC 16 17:23:01.3, 0.6, 42.85N, 0.03, 1.48W, 0.04, h2km, n22, s1905/37, Pyrenees

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SJPF Stee Jean, EALK Alkuruntz, LARF Larrau, etc.

IDC 16 17:31:25.5, 3.8, 7.49S, 128.89E, h156km, 32km, mb3.5/4, mb1 3.7/7, mb1mx3.5/13, Error ellipse: s-maj=56.2km s-min=17.1km az=66.0

NEIC 16 17:31:29.2, 5.5, 7.63S, 128.78E, h196km, 57km, mb4.1/9, Error ellipse: s-maj=50.3km s-min=14.7km az=219.0

ISC 16 17:31:19.7, 2.4, 7.33S, 0.07, 129.3E, 0.1, h128km, 24km, n17, s1915/22, mb4.1/10, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Songio Array, WRAB Tennant Creek, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR Alice Springs, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KEDI Kedondong, RATI Rata, INGI Ingas, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ARMA Armadale, CTA Charters Tower, STKA Stephens Creek, etc.

NEIC 16 18:02:15.9, 5.0, 38.73N, 70.58E, h6km, 33km, mb4.3/10, Error ellipse: s-maj=14.1km s-min=8.6km az=224.0

MOS 16 18:02:20.0, 1.3, 38.95N, 70.53E, h33km, mb4.5/17, Error ellipse: s-maj=11.7km s-min=8.0km az=98.4

IDC 16 18:02:20.5, 0.8, 38.80N, 70.50E, h30km, mb3.9/16, mb1.4/1.8, mb1mx4.0/2.4, ML4.0/2, MS3.1/1, Ms1 3.3/1, ms1mx2.9/2.6, Error ellipse: s-maj=15.3km s-min=13.1km az=8.0

NNC 16 18:02:23.2, 2.6, 39.49N, 70.43E, Error ellipse: s-maj=31.2km s-min=14.2km az=56.0

ISC 16 18:02:22.0, 3.6, 38.98N, 03.70E, 0.05, h56km, 7km, h23km, z=1.1km, p=P, n7, r=131/103, mb4.2/29, MS3.2/5, SC-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TAS Tashkent, AML Almayashu, KSH Kashi, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like DMN Daman, PKI Pulchoki, NVS Novosibirsk, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GTA Gaotai, SOC Sochi, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MALT Malatyia, ANN Anapa, ZAK Zakamensk, etc.

BRTR Keskin Array B 28.33 293 P P 18 08 14.1 +1.3

AKASG Malin Array B 31.08 306 P P 18 08 38.1 +1.1

CMAR Chiang Mai Arr 32.09 121 LR LR 18 23 20.1

MLR Muntele Rosu 33.23 296 P P 18 08 57.0 +1.1

MLR Muntele Rosu 33.23 296 P P 18 08 57.0 +1.2

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MLR Muntele Rosu, BOD Bodaibo, FINES FINESS Array B, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

WAR 16 18:03:09.7, 51.50N, 16.09E, ML2.8, Mining Induced NEIC 16 18:03:09.1, 2.0, 51.48N, 16.09E, h5km, ML2.9(VIE), ML2.5(BRG), Error ellipse: s-maj=20.9km s-min=7.2km az=206.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KSP Ksiaz, UPC Upice, DPC Dobruska-Polom, etc.

NIED 16 18:14:00, 43.60N, 147.40E, h50km, Mw3.6 Best double 8.4/4.1 9.9/9.1 10.1/10.14 NP1.9/2.7, 8.4/7, 1.82, NP2.9/2.6/4, 8.4/4.1 9.9/9.1

JMA 16 18:14:35.4, 0.2, 43.61N, 147.35E, h21km, 4km, M3.9 IDC 16 18:14:43.0, 0.1, 46.29N, 146.27E, mb3.8/6, mb1.4/0.7, mb1mx3.7/2.3, ML3.3/1, MS3.2/1, Ms1 3.2/1, ms1mx2.1/3.8, Error ellipse: s-maj=48.3km s-min=21.6km az=149.0

MOS 16 18:14:43.5, 1.6, 45.81N, 146.73E, h39km, mb4.2/4, Error ellipse: s-maj=32.9km s-min=27.4km az=80.5

ISC 16 18:14:34.8, 1.1, 43.73N, 0.08, 147.51E, 0.09, h55km, 10km, n25, c089/35, mb3.7/6, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NEM2 Nemuro 2, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JRA Rausu, JRA Rausu, JNK Nakashi, etc.

CASC 16 18:16:35.8, 2.6, 16.05N, 94.17W, h35km, 999km, MD4.6, ML4.9, mb3.5(NEIC) MEX 16 18:16:38.8, 0.8, 15.84N, 93.99W, h43km, 134km, MD4.2 NEIC 16 18:16:38.5, 15.82N, 94.02W, h44km, mb3.5/1, MD4.2(MEX), After MEX. IDC 16 18:16:41.7, 3.4, 16.06N, 93.69W, h98km, 30km, mb3.8/8, mb1.4/1.0, mb1mx3.8/2.1, MS3.8/2, Ms1 3.8/2, ms1mx3.0/2.9, Error ellipse: s-maj=30.1km s-min=15.2km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Matias Romero, San Cristobal, Huatulco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Guangzhou, Hong Kong, Qiongzhou, etc.

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

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

THR 16:45:00.0, 0.5, 38.15N; 57.54E, h15km, ML3.9
IDC 16:45:12.0, 1.6, 37.10N; 56.54E, mb3.5/4, mb1.3 & 7,
mb1mx3.6/22, ML3.6/3, Error ellipse: s-maj=43.0km
s-min=21.4km az=4.0

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

JMA 16:55:46.0, 0.1, 32.91N; 136.68E, h39km, 3km, M3.1,
Southeast of Shikoku

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

NIED 16:56:00, 32.90N, 136.70E, h8km, Mw4.4 Best double
couple: M4.74x10^15 NP1.99x10^15, delta=7, NP2.4x358,
delta=5, 1.157

BUI 16:56:20, 5, 32.36N; 137.50E, h15km, mb4.4, M4.3,
Ms4.1, Ms3.9

JMA 16:56:27.0, 0.1, 32.90N; 136.71E, h40km, mb4.1, M4.1
JMA Felt J1

NEIC 16:56:28.0, 0.5, 32.91N; 136.75E, h15km, mb4.4/13, Error
ellipse: s-maj=10.8km s-min=8.5km az=112.0

NEIC Recorded [1 JMA] in Nara Prefecture, Honshu.
MOS 16:56:29.4, 1.9, 32.88N; 136.90E, h33km, mb4.1/5, Error
ellipse: s-maj=38.8km s-min=18.5km az=78.7

IDC 16:56:30.0, 0.5, 32.82N; 136.82E, h26km, 3km, mb3.8/13,
mb1.4/0.17, mb1mx3.9/28, ML3.5/4, MS3.7/7, Ms1.3,
ms1mx3.4/35, Error ellipse: s-maj=13.7km s-min=11.7km
az=78.0

ISC 16:56:28.5, 0.3, 32.96N; 136.73E, 0.03, h28km,
h28km, 1.2km, pP, n72, s125/84, mb4.2/28, MS3.7/4, 2C,
Southeast of Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like JWZ, TK01, TK02, etc.

16d 20h

comp=Z,2.6nm,0.8s,baz=261,slow=5.7,SNR=10		21nm,0.3s,baz=149,slow=29,SNR=20	
ELK	Elko 129.93 47 ePKP PKPdf	JNU	Nakatsue 3.54 20 P
HVU	Hansel Valley 130.69 34 ePKP PKPdf	JNU	23nm,0.3s,baz=299,slow=4.8,SNR=80
ULM	Lac du Bonnet 130.87 15 PKP PKPdf	JNU	22nm,0.3s,baz=335,slow=3.1,SNR=15
ULM	comp=Z,4.7nm,0.5s,baz=275,slow=7,SNR=5.9	JAGN	Aguni-jima 7.37 212 P
ULM	SKPbc	JKE	Kome jima 2 47 215 P
ULM	comp=Z,3.3nm,0.7s,baz=297,slow=6.5,SNR=3.6	KS15	Wunju Array Si 7.75 351 eP
ULM	Lac du Bonnet 130.87 15 PKP PKPdf	JHJ	Hachijo jima 2 9.43 67 P
ULM	Dugway 131.71 36 SKPbc	MAJO	Matsushiro 9.96 45 ePn
DUG	Dugway 131.71 36 eSKP PKPdf	MAT	Matsushiro 9.96 45 P
DUG	eSKP	MAT	S
PDAR	Pinedale Array 131.75 31 PKP PKPdf	MAT	S
PDAR	comp=Z,1.4nm,0.7s,baz=46,slow=2.4,SNR=9.0	MAT	S
PDAR	SKPbc	MAT	S
PDAR	comp=Z,3.1nm,0.7s,slow=1.5,SNR=8.5	MAT	S
MVU	Marysvalle 133.15 37 ePKP PKPdf	CBJ	Chichi jima 9.96 45 eS
MSU	Marysvalle 133.17 37 ePKP PKPdf	CBJ	13nm,0.3s,baz=145,slow=17,SNR=6.3
MSU	eSKP	SNY	Shenyang 12.93 340 A MB
PV10	Paradox Valley 135.10 35 ePKP PKPdf	WHY	comp=Z,10.0nm,0.8s
PV01	Paradox Valley 135.53 40 ePKP PKPdf	WHN	Wuhan 13.09 277 P
WUJZ	Wupatki 135.55 40 ePKP PKPdf	CN2	Changchun 14.35 348 eP
SADO	Sadowa 138.72 1 P PKP PKPdf	CN2	comp=Z,10.0nm,1.1s
SADO	comp=Z,7.0nm,0.7s,baz=302,slow=9.9,SNR=4.1	BJT	Baitou 14.92 317 eP
SADO	Sadowa 138.72 1 P PKP PKPdf	BJI	Beijing 14.93 317 eP
ANMO	Albuquerque 138.96 37 PKP PKPdf	BJI	comp=Z,68nm,1.4s
BAR	Barren Site 139.40 38 PKP PKPdf	ENH	Enshi 17.30 277 eP
GDLO	Guadalupe Moun 142.12 38 ePKP PKPdf	ASAJ	Asahikawa 17.72 33 P
WMOK	Wichita Moun 143.29 29 ePKP PKPdf	ASAJ	comp=Z,1.3nm,0.3s,baz=242,slow=13,SNR=16
CPUP	Villa Florida 144.21 33 PKP PKPdf	XAN	comp=Z,0.3nm,0.3s,baz=10,slow=29,SNR=2.9
CPUP	comp=Z,1.2nm,0.8s,baz=135,slow=2.4,SNR=24	XAN	Xi'an 17.94 289 P
CPUP	Villa Florida 144.34 213 ePKP PKPdf	XAN	comp=Z,70nm,1.2s
CPUP	comp=Z,1.1nm,0.6s,baz=201,slow=2.8,SNR=8.2	HHC	Hu-ho-hao-te 18.27 312 eP
WCJ	Wyandotte Cave 144.51 11 ePKP PKPdf	HHC	comp=Z,62nm,1.1s
LTX	Lajitas Array 144.51 41 ePKP PKPdf	HHC	BTO Baotou 19.16 310 P
LTX	Lajitas Array 144.51 41 ePKP PKPdf	HHC	comp=Z,49nm,0.8s
TXAR	comp=Z,4.1nm,0.5s,baz=291,slow=1.2,SNR=273	HHC	YSS Yuzh-Sakhalins 20.02 27 eP
TXAR	pPKP	HHC	GYA Guiyang 20.36 266 P
TXAR	comp=Z,6.1nm,0.5s,baz=270,slow=0.4,SNR=3.0	HHC	GYA 20.36 266 P
TXAR	SKPbc	HHC	QIZ Qiongzong 20.79 243 P
TXAR	comp=Z,3.0nm,0.7s,baz=276,slow=0.7,SNR=5.9	HHC	CD2 Chengdu 22.19 279 eP
TXAR	Lajitas Array 144.51 41 PKP PKPdf	HHC	comp=Z,70nm,0.9s,mb5.1
TXAR	eSKP	HHC	LZH Lanzhou 22.36 293 P
TXAR	SKPbc	HHC	comp=Z,54nm,1.5s,mb4.8
BAO	Brasilia Array 144.79 237 P PKPdf	HHC	KMI Kunming 24.13 265 eP
BAO	e	HHC	KMI 24.13 265 eP
BAO	e	HHC	comp=Z,8.0nm,0.9s,mb4.2
BAO	e	HHC	SOM Songo Array 25.30 322 P
BDFB	Brasilia 144.80 237 PKP PKPdf	HHC	comp=Z,7.5nm,0.7s,mb4.3,baz=138,slow=9.7,SNR=70
BDFB	comp=Z,3.0nm,1.0s,baz=144,slow=2.0,SNR=18	SOM	comp=Z,1.3nm,0.7s,baz=156,slow=12,SNR=1.1
BDFB	comp=Z,2.9nm,0.5s,baz=100,slow=3.7,SNR=4.2	SOM	comp=Z,1.5nm,1.0s,baz=133,slow=1.6,SNR=8.2
CBN	Corbin 145.28 359 ePKP PKPdf	GTA	Gaotai 26.12 300 eP
UALR	University of 146.01 21 ePKP PKPdf	GTA	GT 26.12 300 eP
JCT	Junction City 146.06 35 ePKP PKPdf	GTA	AP pP
WWT	Waverly 146.13 14 ePKP PKPdf	GTA	PP PP
ELN	Prospectdale 146.17 4 ePKP PKPdf	GTA	PCP PCp
SWET	Sewanee 147.44 12 ePKPbc PKPdf	GTA	SCP SCP
CPXT	Cooper Cave 147.48 10 ePKP Pab PKPab	GTA	SCS SCS
NACOD	Nacodoches 147.69 27 ePKPbc PKPdf	GTA	AMB A MB
LRAL	Lakeview Retre 148.28 15 ePKPbc PKPdf	GTA	comp=Z,1.7nm,0.7s,mb4.8
LVC	Limon Verde 152.72 199 ePKPbc PKPdf	CMAR	Chiang Mai Arr 29.95 255 P
LVC	ePKPbc	CMAR	comp=Z,0.5nm,0.5s,mb3.5,baz=49,slow=8.1,SNR=8.3
LPAZ	La Paz 158.18 206 PKP PKPdf	CMAR	comp=Z,3.1nm,0.9s,baz=51,slow=1.1,SNR=9.5
LPAZ	comp=Z,1.9nm,0.3s,baz=148,slow=0.3,SNR=2.6	LSA	Lhasa 33.16 280 P
LPAZ		WMQ	Urumqi 35.87 305 eP
LPAZ		WMQ	AMB A MB

DJA 16:20:00:18.8:1.0, 2.99S, 120.31E, h100km, ML4.6/3, 6C-1D, Error ellipse: s-maj=34.4km s-min=14.7km az=17.0, Sulawesi

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BUNI	Buntu Taipa	0.66	179	ePn	00 00 36.3	+0.2
BUNI	Tanete Lipujan	1.03	245	ePn	00 00 42.9	-6.1
TANI	Tanete Lipujan 3um, 42.2s	1.03	245	ePn	00 00 38.8	-1.0
TANI	Tanete Lipujan	1.03	245	ePn	00 00 39.2	-0.6
TANI				eSn	00 00 55.2	-0.4
TANI				eSn	00 00 55.2	-0.4
NINI	Niniconang	1.53	201	ePn	00 00 44.9	-0.9
NINI	859nm, 33.0s					

IGQ 16:20:06:32.5, 1.83S, 80.06W, h12km, 4km, mb4.0, 9C-6D, Error ellipse: s-maj=6.5km s-min=1.8km az=105.9, Near coast of Ecuador

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
HOJA	Cerro de Hojas	0.91	328	↑P	00 06 50.6	+0.8
IGUA	Iguatalla	1.46	77	P	00 07 00.8	+1.9
IGUA				Sb	00 07 20.9	+3.4
QIL1	Quiotoa	1.49	49	↓P	00 07 11.9	+0.9
CUSU	Cusua	1.62	76	P	00 07 03.1	+1.9
ARRY	Arrayan	1.64	79	P	00 07 03.0	+1.6
JUIV	Juive	1.64	76	↓P	00 07 02.6	+1.1
RETU	Refugio	1.66	77	↓P	00 07 03.9	+2.3
PATA	Patacacha	1.66	77	↓P	00 07 03.3	+1.7
PATA				Sb	00 07 05.0	+3.0
ULBA	Ulba	1.69	77	P	00 07 04.3	+2.1
ULBA				S	00 07 27.2	+3.4
NASI	Nasa	1.98	53	↓P	00 07 09.5	+3.3
TAMB	Tambo	2.03	56	↓P	00 07 10.0	+3.0
YC1	Cotopaxi 1	2.03	55	P	00 07 11.9	+3.9
JUA2	San Juan 2	2.16	42	↓P	00 07 11.2	+2.3
CGGP	Crater GGP	2.19	42	↓P	00 07 11.2	+1.9
CGGP				S	00 07 40.7	+4.2
GGP	Refugio Guagua	2.20	42	↓P	00 07 11.2	+1.7
PINO	Pino	2.20	41	↓P	00 07 11.1	+1.6
YANA	Yana	2.26	41	↓P	00 07 11.8	+1.7
YANA				S	00 07 40.8	+2.6
JOR1	San Jorge 1	2.30	38	↑P	00 07 09.6	-1.3
JOR1				S	00 07 35.9	-3.5
ANTI	Antisana	2.34	54	↓P	00 07 14.7	+3.3
CAYR	Refugio Cayamb	2.75	48	↓P	00 07 21.6	+4.3
COTA	Cotacachi	2.75	39	↓P	00 07 19.2	+1.2
COTA				S	00 07 54.6	+3.8
CAYA	Cayambe	2.80	48	P	00 07 21.7	+3.7

NIED 16:20:09:00:29.80N, 129.60E, h175km, Mw4.5 Best double couple: M₀=7.41x10¹⁵ N P₁=355°, δ76°, λ97°. N P₂=149°, δ16°, λ65°

BJI 16:20:09:44.9, 29.71N, 129.50E, h199km, mb4.7, mb4.7

NEIC 16:20:09:46.3, 0.6, 29.81N, 129.36E, h180km, 5km, mb4.5/2.5, Mw4.5(NIED), Error ellipse: s-maj=7.7km s-min=5.6km az=99.0

JMA 16:20:09:46.9, 0.1, 29.80N, 129.58E, h168km, 2km, M4.4

IDC 16:20:09:47.2, 0.5, 29.90N, 129.36E, h187km, 3km, mb3.8/1.6, mb1.3/9/21, mb1mx3.9/28, Error ellipse: s-maj=13.5km s-min=7.8km az=91.0

ISC 16:20:09:44.7, 0.2, 29.78N, 129.45E, 0.05, h179km, 2km, h184km, 1.7km, pP-P, n93°, e098/106, mb4.3/4.1, 4C-4D, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JNN	Nakanoshima	0.37	81	P	00 10 09.5	+0.2
KKC	Kuchinoerabu	0.94	43	P	00 10 12.4	+0.4
JAM	Amami Oshima	1.37	174	P	00 10 16.4	+0.7
JAM				S	00 10 38.6	-1.1
JZK	Kikashima	1.53	163	P	00 10 18.9	+1.7
JTN	Tanegashima 3	1.58	56	P	00 10 17.6	+0.1
JTN				eS	00 10 15.1	-1.7
JTSR	Tashiro 2	1.87	42	P	00 10 21.0	+0.3
JTSR				P	00 10 46.7	+1.7
JSJ	Shimokoshiki	1.90	7	P	00 10 21.8	+0.8
JSJ				eS	00 10 48.9	-0.1
JSU	Suzukuma	1.92	26	P	00 10 22.0	+0.8
JTK	Tokunoshima	2.04	193	P	00 10 23.6	+1.2
JTK				eS	00 10 50.8	-0.7
JNAR	Kushima-Naru	2.34	42	P	00 10 29.9	+0.9
JNAR				S	00 10 56.3	+1.5
JTZ	Takazaki	2.54	33	P	00 10 28.8	+0.5
JTZ				eS	00 11 00.7	-1.2
JOW	Kunigami	3.12	200	P	00 10 35.0	-0.3
JOW	14nm, 0.3s, baz=54, slow=13, SNR=150			S	00 11 12.6	-1.7

JNU	Nakatsue	3.54	20	P	20 10 42.0	+1.3
JNU	23nm,0.3s,baz=299,slow=4.8,SNR=80			P	20 11 26.5	+2.6
JAGN	Aguni-jima	7.37	212	P	20 10 42.2	-0.8
JKE	Kome jima	2 47 215	P	20 10 47.3	-1.3	
KS15	Wunju Array Si	7.75	351	eP	20 11 37.0	+1.4
JHJ	Hachijo jima 2	9.43	67	P	20 12 04.3	+6.8
MAJO	Matsushiro	9.96	45	ePn	20 12 16.0	+1.2
MAT	Matsushiro	9.96	45	P	20 12 16.5	+1.2
MAT	S			P	20 13 53.9	0.0
MAT	S			P	20 12 17.0	+1.3
MAT	S			P	20 13 54.0	+0.1
CBJ	Chichi jima	9.96	45	eS	20 12 32.9	+8.1
CBJ	13nm,0.3s,baz=145,slow=17,SNR=6.3			P	20 12 45.1	+2.4
SNY	Shenyang	12.93	340	A MB		
WHY	comp=Z,10.0nm,0.8s			A MB		
WHN	Wuhan	13.09	277	↑P	20 12 44.5	-0.3
CN2	Changchun	14.35	348	eP	20 13 04.9	+4.3
CN2	comp=Z,10.0nm,1.1s			A MB		
BJT	Baitou	14.92	317	eP	20 13 07.9	+0.1
BJI	Beijing	14.93	317	eP	20 13 08.8	+1.0
BJI	comp=Z,68nm,1.4s			A MB		
ENH	Enshi	17.30	277	eP	20 13 36.3	-0.3
ASAJ	Asahikawa	17.72	33	P	20 13 39.0	-2.2
ASAJ	comp=Z,1.3nm,0.3s,baz=242,slow=13,SNR=16			S	20 16 47.8	-2.5
XAN	comp=Z,0.3nm,0.3s,baz=10,slow=29,SNR=2.9			P	20 13 42.3	-1.4
XAN	Xi'an	17.94	289	P		
XAN	comp=Z,70nm,1.2s			A MB		
HHC	Hu-ho-hao-te	18.27	312	eP	20 13 46.4	-0.7
HHC	X			P	20 14 46.6	
HHC	X			S	20 16 53.3	-8.4
HHC	SCP			P	20 21 26.4	
HHC	PKS			P	20 21 49.6	
HHC	SCS			P	20 25 07.5	-0.2
HHC	A MB			A MB		
BTO	Baotou	19.16	310	P	20 13 55.1	-1.3
BTO	comp=Z,49nm,0.8s			A MB		
YSS	Yuzh-Sakhalins	20.02	27	eP	20 14 05.0	-0.2
YSS	comp=Z,9.9nm,0.4s			P	20 14 09.8	+1.1
GYA	Guiyang	20.36	266	↑P	20 14 09.8	+1.1
GYA	comp=Z,30nm,0.7s			A MB		
QIZ	Qiongzong	20				

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

IDC 17 00:11:37.611.0, 6.07Sx152.77E, mb3.6/4, mb1 3.8/4, m=1mx3.7/1.3, Error ellipse: s-maj=181.0km

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

NEIC 17 00:14:08.91.6, 5.23S, 150.98E, h130km, mb4.6/7, Error ellipse: s-maj=22.3km s-min=14.3km az=101.0

IDC 17 00:14:12.02.1, 5.39S, 150.81E, h151km, mb3.9/9, mb1 4.0/10, mb1mx3.9/15, Error ellipse: s-maj=21.9km

ISC 17 00:14:08.11.2, 5.20S, 150.08E, 0.1, h139km, gkm, n25, e1930/27, mb4.2/14, 2D, New Britain region

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Fitzroy Crossi, etc.

BUI 17 00:16:40.6, 23.93N, 93.20E, h30km, mb4.2, mb4.6, ML4.3, M4.1, M2.3

NEIC 17 00:16:43.0, 0.3, 23.78N, 93.15E, mb4.3/4, Error ellipse: s-maj=13.3km s-min=4.8km az=42.0

IDC 17 00:16:43.7, 0.5, 23.88N, 93.34E, h47km, mb4.1/16, mb1 4.2/17, mb1mx4.0/24, MS3.4/2, M1 3.5/2, m1mx2.3/23, Error ellipse: s-maj=25.6km s-min=10.2km az=58.0

ISC 17 00:16:40.8, 0.3, 23.75N, 93.10E, 0.04, h48km, h48km, 2, 1km, pP, n64, e1926/73, mb4.3/19, MS3.6/2, 4C-2D, Myanmar-India border region

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Baotou, Hu-ho-hao-te, etc.

IDC 17 00:36:30.9, 0.8, 21.23S, 169.70E, mb4.2/8, mb1 4.4/8, mb1mx4.3/13, MS3.4/4, M1 3.4/4, m1mx3.3/17, Error ellipse: s-maj=25.1km s-min=25.4km az=152.0

NEIC 17 00:36:32.0, 0.5, 21.17S, 169.73E, h10km, mb4.7/10, Error ellipse: s-maj=15.4km s-min=11.5km az=170.0

ISC 17 00:36:35.0, 1.8, 21.31S, 169.50E, 0.1, h33km, 14km, n56, e1940/30, mb4.4/16, MS3.4/4, 6C-6D, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MRZ Mangatoinaka R, MRZ Mangatoinaka R, PUK Puketiti, etc.

WEL 17 02:27.11.7.0.2, 39.445x177.09E, h23km2.1km, ML3.5/8, 1C-2D, Error ellipse: s-maj=1.8km s-min=1.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, BKZ Black Stump Fm, KNZ Kokohu, etc.

IDC 17 02:37:56.9-0.5, 58.70N-31.08W, mb4.1/26, mb1 4.2/29, mb1mx4.2/32, ML3.5/3, MS4.1/23, Ms1 4.1/23, ms1mx4.0/30, Error ellipse: s-maj=17.4km s-min=10.0km az=6.0

NEIC 17 02:37:58.0-0.3, 58.62N-30.82W, h10km, mb4.5/53, MS4.3/13, Error ellipse: s-maj=10.4km s-min=4.8km az=197.0

ZUR_RM 17 02:37:58.58, 62N-30.82W, h12km, Mw4.9/12, Moment tensor, s12 Moment tensor, Scale: 10^16Nm; Mn: 2.03; Mw: 0.72; Ms: 1.31; MeO: 2.3; Mw: 0.8; Mr: 1.98; Best double couple: M2.77x10^16 NP1: 101.868; lambda: 109.9; NP2: 231.1, delta: 9.52, Principal axes: T: 2.507, P: 1.921, Azm: 114; N: 5.29, P: 1.77, Azm: 17; P: -3.036, P: 6.62, Azm: 250;

ISC 17 02:37:56.5-0.2, 58.66N-30.05, 30.80W-0.06, h10km, n112, g127/104, mb4.3/70, MS4.1/28, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BORG Borgarnes, BORG Borgarnes, BORG Borgarnes, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WTSW Winterswijk, WTSW Winterswijk, GIVT Givet, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SDCC Great Sand Tun, SDCC Great Sand Tun, SDCC Great Sand Tun, etc.

NEIC 17 02:43:35.1.5. 5.73S: 149.07E, h143km, 13km, mb4.6/10, Error ellipse: s-maj=11.3km s-min=8.9km az=77.0

IDC 17 02:43:35.2.0. 5.72S: 148.99E, h137km, 17km, mb4.2/14, mb1 4.2/15, mb1mx4.1/20, Error ellipse: s-maj=17.4km s-min=9.1km az=107.0

ISC 17 02:43:33.1. 7.5. 6.8S: 0.07, 149.04E-0.09, h135km, 16km, n38, c084/36, mb4.4/19, 2D, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTE Manteigas, STS Santiago, EQES Quesada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ste Jean, EALK Alkuruntz, EPF Esparras, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, FINES FINES Array B, etc.

LDG 17 04:13:51.4, 0.1, 48.95N, 7.83E, h10km, Md2.5, ML2.6/7, Error ellipse: s-maj=1.7km s-min=1.1km az=171.0
 NEIC 17 04:13:51.0, 48.91N, 7.84E, h5km, ML2.6(LD,G), ML2.2(STR), ML2.1(SZGRF), ML2.1(LEDWB), After STR.
 LEDBW 17 04:13:51.7, 0.2, 48.95N, 7.84E, h10km, ML2.1, Error ellipse: s-maj=4.0km s-min=4.0km az=38.0
 STR 17 04:13:51.0, 0.2, 48.91N, 7.84E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
 BGR 17 04:13:52.3, 0.4, 48.93N, 7.87E, h10km, ML2.1, Error ellipse: s-maj=6.9km s-min=4.4km az=27.0
 ISC 17 04:13:50.0, 0.3, 48.94N, 0.02, 7.79E, 0.02, h10km, n40, +s100/79, France

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
LANS	Langenberg	0.04	10	Op	Pg	04 13 53.6	+1.7
LANS	Langenberg	0.04	10	Pg	Pg	04 13 53.5	+1.5
LANS	Langenberg	0.06	209	Pg	Pg	04 13 54.9	+1.3
WLS	Welschbruch	0.60	209	Pg	Pg	04 14 03.7	+1.6
WLS	Welschbruch	0.60	209	Pg	Pg	04 14 02.4	+0.3
CDF	Champ du Feu	0.63	213	eP	Pg	04 14 03.6	+0.9
CDF				ePn	Pn	04 14 05.2	+0.6
CDF				eSg	Sg	04 14 12.2	+1.1
CDF				eSn	Sn	04 14 14.8	+0.1
BFO	Black Forest	0.70	150	eP	Pg	04 14 05.5	+1.3
BFO				ePm	Pm	04 14 05.9	
BFO				eSg	Sg	04 14 13.3	-0.3
BFO	Black Forest	0.70	150	eP	Pg	04 14 05.4	+1.2
BFO				eSg	Sg	04 14 13.4	-0.2
LBG	Lerchenberg	0.71	112	Pg	Pg	04 14 04.6	+0.2
LBG				ePm	Pm	04 14 05.9	
LBG				eSb	Sb	04 14 13.3	-0.4
LBG				eSg	Sg	04 14 16.0	
LBG	Lerchenberg	0.71	112	S	Pb	04 14 04.6	+0.5
LBG				S	Pb	04 14 13.3	-0.4
LBG				S	Pb	04 14 16.0	+2.3
SWS	Schriesheim	0.81	47	Pg	Pg	04 14 06.6	+0.4
SWS				eSg	Sg	04 14 17.0	-0.1
ECH	Echery	0.84	211	P	Sb	04 14 06.7	+2.5
ECH				ePn	Pn	04 14 09.2	+0.1
ECH	Echery	0.84	211	Pg	Pg	04 14 07.0	+0.2
RUP	Ruppelstein	0.90	328	ePm	Pm	04 14 10.1	
STU	Stuttgart	0.94	100	eSg	Sg	04 14 21.8	+0.4
TOD	Tromm	0.94	44	Sn	Sg	04 14 21.5	-1.2
KIZ	Kirchzarten	0.99	175	Pn	Pn	04 14 09.7	+0.1
KIZ				Pg	Pg	04 14 10.4	+0.6
KIZ				Sn	Sn	04 14 22.6	-1.2
KIZ				Sg	Sg	04 14 23.9	+1.0
KIZ	Kirchzarten	0.99	175	S	Sb	04 14 22.6	+1.1
KIZ	Kirchzarten	0.99	175	Sg	Sg	04 14 24.0	+1.1
KIZ	Kirchzarten	0.99	175	Sg	Sg	04 14 24.0	+1.1
KIZ				S	Sb	04 14 22.6	+1.1
KIZ				Sg	Sg	04 14 24.0	+1.1
SPAK	Spaichingen	1.07	141	Pg	Pg	04 14 11.7	+0.4
FELD	Feldberg	1.07	172	Pg	Pg	04 14 12.1	+0.6
BUCH	Bad Urach	1.14	115	Pg	Pg	04 14 12.8	+0.0
BUCH				eSg	Sg	04 14 26.1	+1.3
BUCH				eSg	Sg	04 14 27.9	-0.2
BUCH	Bad Urach	1.14	115	eSg	Sg	04 14 28.0	-0.1
BUCH				S	Pb	04 14 12.9	+1.5
BUCH				S	Pb	04 14 26.1	+1.3
BUCH				S	Pb	04 14 27.9	-0.2
BUCH	Bad Urach	1.14	115	P	Sb	04 14 28.0	-0.1
BUCH				S	Pb	04 14 12.9	+1.5
BUCH				S	Pb	04 14 26.1	+1.3
MOF	Molkenrain	1.17	202	Pg	Pg	04 14 12.9	-0.6
MOF				Sg	Sg	04 14 28.3	-0.8
GUT	Gutenstein	1.23	134	Pn	Pn	04 14 13.3	-0.0
GUT				Pg	Pg	04 14 14.6	-0.1
GUT				Pg	Pg	04 14 30.2	-1.0
GUT	Gutenstein	1.23	134	eSg	Sg	04 14 30.2	-1.0
GUT				eSg	Sg	04 14 30.2	-1.0
SIND	Sindeldorf	1.26	70	Pg	Pg	04 14 13.3	-0.9
SIND				Pg	Pg	04 14 31.0	-1.0
HINF	Hinteralfeld	1.29	210	ePn	Pn	04 14 13.8	-0.2
HINF				ePn	Pn	04 14 15.6	+0.1
HINF				Sn	Sn	04 14 30.7	-0.7
HINF				eSg	Sg	04 14 33.1	+0.2
WLF	Wallerdange	1.30	305	eP	Pg	04 14 16.7	+0.8
WLF				eP	Pg	04 14 34.6	+1.3
HAU	Haudompre	1.34	226	eP	Pg	04 14 16.8	-0.0
HAU				eP	Pg	04 14 16.8	-0.0
HAU				eSg	Sg	04 14 34.6	-0.1
THEF	They Montfort	1.40	240	P	Pn	04 14 18.4	+2.8
THEF				P	Pn	04 14 17.0	+0.1
THEF				Sg	Sg	04 14 36.9	+0.4
SISB	Singen-Sch Ber	1.48	148	Sg	Sg	04 14 38.9	-0.3
RFYF	Reffroy	1.56	259	ePn	Pn	04 14 18.0	-0.0
RFYF				eP	Pg	04 14 21.2	-0.1
RFYF				eSn	Sn	04 14 36.9	-1.6
RFYF				eSg	Sg	04 14 41.4	-0.8
MEZF	Maizieres J'vi	1.87	258	eP	Pg	04 14 25.6	-1.7
MEZF				eSg	Sg	04 14 50.9	-1.3
SFTF	Sextfontaines	1.97	249	ePn	Pn	04 14 24.1	+0.3
SFTF				eP	Pg	04 14 28.4	-1.0
SFTF				eSg	Sg	04 14 54.7	-1.0
UBR	Ubersut	1.99	128	Sg	Sg	04 14 54.6	-1.8
GRF	Grafenberg Arr	2.37	70	eSg	Pg	04 15 05.4	-3.5
LOR	Lormes	3.12	239	ePn	Pn	04 14 39.4	-0.9
LOR				eP	Pg	04 14 49.6	-2.7
LOR				eSg	Sg	04 15 30.5	-3.5

MOS 17 04:22:12.7, 1.5, 37.92N, 75.07E, h81km, mb3.9/4, Error ellipse: s-maj=30.4km s-min=13.4km az=90.0
 NEIC 17 04:22:14.9, 1.1, 37.95N, 75.13E, h90km, 10km, mb4.0/2, Error ellipse: s-maj=19.1km s-min=5.7km az=65.0
 IDC 17 04:22:17.0, 5.7, 37.96N, 75.28E, h106km, 48km, mb3.5/9, mb1 3.7/11, mb1mx3.6/21, Error ellipse: s-maj=36.7km s-min=17.7km az=31.0
 BUI 17 04:22:19.3, 38.17N, 75.46E, h90km, mb4.4
 ISC 17 04:22:16.9, 0.3, 37.99N, 0.02, 75.31E, 0.07, h122km, 55km, n54, +s119/57, mb3.7/10, 2C, Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KSH	Kashi	1.61	191	P	P	04 22 47.3	+1.2
KSH				S	P	04 23 09.0	+0.7
KZA	Kyzart	4.08	359	P	P	04 23 18.6	-0.1
UCH	Uchter	4.28	352	P	P	04 23 21.4	+0.1
ULHL	Ulhaloh	4.31	9	P	P	04 23 21.8	+0.1
AML	Almayashu	4.32	344	P	P	04 23 21.2	-0.6
CHCP	Chirah Chowk	4.63	202	P	P	04 23 29.7	+3.7
CHCP				S	P	04 24 19.0	-0.1
NIL	Nilore	4.64	202	Pn	Pn	04 23 30.1	+3.9
KBK	Karagaybulak	4.67	357	P	P	04 23 26.7	+0.2
AAK	Ala-Archa	4.68	353	P	P	04 23 26.8	+0.1
EKS2	Erkin-Say	4.81	346	P	P	04 23 28.3	-0.2
TKM2	Tokmak 2	4.93	2	P	P	04 23 30.2	+0.2
CEP	Cerat	4.99	215	P	P	04 23 31.1	+0.1
CEP				S	P	04 24 25.0	-2.8
CHMS	Chumysh	5.02	355	P	P	04 23 31.1	-0.1
USP	Ospenovka	5.31	354	P	P	04 23 34.5	-0.6
THW	Thamhe Wali	5.95	210	P	P	04 23 44.1	+0.4
SARP	Sargamda	6.43	200	P	P	04 23 51.7	+1.3
BHK	Bhakra	6.62	172	e	P	04 25 06.1	-1.5
SBPD	Sheikh Budin	6.77	214	eP	P	04 25 58.8	+0.8
KLP	Kalpa	6.88	159	eP	P	04 23 58.3	+1.8
KLP				eS	P	04 25 05.4	-8.3
KLP				e	P	04 26 22.2	
KLP	comp=E,206nm,0.9s			e	P	04 26 22.8	

DRP	Derazinda	7.51	215	P	P	04 24 06.6	+1.5
DDI	Dehra Dun	7.98	163	e	Sx	04 24 57.0	
DDI						04 25 38.3	
JOSI	Joshimath	8.20	153	eS	Sx	04 25 33.4	
NDI	New Delhi	9.42	170	e	Sx	04 25 40.0	
NDI						04 26 07.0	-8.1
AYAN	Aya Nagar	9.60	170	eP <td>P</td> <td>04 24 31.7</td> <td>-1.4</td>	P	04 24 31.7	-1.4
KHET	Khetri	9.90	177	eP	P	04 24 34.7	-2.3
KHET				eS	S	04 26 18.6	-8.0
KHET	comp=E,45nm,0.3s			e	P	04 26 23.6	
KHET	comp=N,22nm,0.3s			P	P	04 26 23.6	
MKAR	Makanchi Array	10.20	28 <th>P</th> <td>P</td> <td>04 24 40.0</td> <td>-0.9</td>	P	P	04 24 40.0	-0.9
MKAR	Makanchi Array	10.20	28	P	P	04 24 40.2	-0.7
MKAR	comp=Z,1.0nm,0.4s			eP	Pmax	04 24 40.2	-0.7
KOLN	Koldanda	12.34	143 <th>eP</th> <td>P</td> <td>04 25 08.4</td> <td>-0.8</td>	eP	P	04 25 08.4	-0.8
KOLN	comp=Z,16nm,0.3s			eP	P	04 25 12.5	-1.1
GURK	Gorkha	12.66	139 <th>eP</th> <td>P</td> <td>04 25 12.4</td> <td>-1.1</td>	eP	P	04 25 12.4	-1.1
KURK	Kurchatov	12.94 <th>9 <th>i</th> <td>P</td> <td>04 25 13.6</td> <td>-3.5</td> </th>	9 <th>i</th> <td>P</td> <td>04 25 13.6</td> <td>-3.5</td>	i	P	04 25 13.6	-3.5
KURK	comp=Z,5.0nm,1.0s			eP	Pmax	04 25 13.6	-3.5
KKN	Kakani	13.17	138 <th>eP</th> <td>P</td> <td>04 25 19.3</td> <td>-0.8</td>	eP	P	04 25 19.3	-0.8
DMN	Daman	13.22	139 <th>eP</th> <td>P</td> <td>04 25 20.2</td> <td>-0.6</td>	eP	P	04 25 20.2	-0.6
GUN	Guna	13.40	136 <th>eP</th> <td>P</td> <td>04 25 22.5</td> <td>-0.5</td>	eP	P	04 25 22.5	-0.5
GUN	comp=Z,17nm,0.4s			eP	P	04 25 22.5	-0.5
PKI	Pulchoki	13.41	138 <th>eP</th> <td>P</td> <td>04 25 23.2</td> <td>-0.0</td>	eP	P	04 25 23.2	-0.0
BHPL	Bhopal	14.81	172 <th>eP</th> <td>P</td> <td>04 25 44.2</td> <td>+3.0</td>	eP	P	04 25 44.2	+3.0
VHSP	Voshp	15.04	350 <th>P</th> <td>P</td> <td>04 25 41.6</td> <td>-2.3</td>	P	P	04 25 41.6	-2.3
VOSK	Vostochnyaya	15.04	350 <th>P</th> <td>P</td> <td>04 25 41.6</td> <td>-2.3</td>	P	P	04 25 41.6	-2.3
VOSK	comp=Z,1.0nm,0.5s			eP	P	04 25 45.5	-3.2
BVAR	Borovoye Array	15.42	349 <th>P</th> <td>P</td> <td>04 25 45.5</td> <td>-3.2</td>	P	P	04 25 45.5	-3.2
BVAR	comp=Z,6nm,0.3s,baz=153			slow=10.0,SNR=26	P	04 25 49.0	-1.8
ZRNK	Zerenda	15.59	346 <th>eP</th> <td>P</td> <td>04 25 49.0</td> <td>-1.8</td>	eP	P	04 25 49.0	-1.8
ZRNK	comp=Z,2.7nm,0.5s			eP	P	04 26 36.1	+2.9
GTA	Gaotai	19.17	78 <th>eP</th> <td>AMB</td> <td>04 26 36.1</td> <td>+2.9</td>	eP	AMB	04 26 36.1	+2.9
GTA					AMB	04 26 36.1	+2.9
ZAK	Zakamensk	23.42 <th>49 <th>eP</th> <td>P</td> <td>04 27 18.1</td> <td>+2.7</td> </th>	49 <th>eP</th> <td>P</td> <td>04 27 18.1</td> <td>+2.7</td>	eP	P	04 27 18.1	+2.7
SONMI	Songino Array	24.66	57 <th>P</th> <td>P</td> <td>04 27 28.9</td> <td>+1.6</td>	P	P	04 27 28.9	+1.6
SONMI	comp=Z,3.1nm,0.8s,mb3.8,baz=258			slow=8.8,SNR=20	P	04 27 28.9	+1.6
SONMI	comp=Z,1.3nm,0.8s,baz=254			slow=9.0,SNR=4.7	P	04 27 57.4	+0.2
AKASG	Malin Array Be	34.76	307 <th>P</th> <td>P</td> <td>04 28 57.4</td> <td>+0.2</td>	P	P	04 28 57.4	+0.2
AKASG	comp=Z,0.3nm,0.5s,mb3.4,baz=67			slow=6.7,SNR=2.5	P	04 29 26.3	+0.1
FINES	FINES Array B	38.24	324 <th>P</th> <td>P</td> <td>04 29 26.3</td> <td>+0.1</td>	P	P	04 29 26.3	+0.1
FINES	comp=Z,0.7nm,0.4s,mb3.9,baz=111			slow=8.3,SNR=7.8	P	04 29 44.6	-9.2
FINES	comp=Z,1.2nm,0.8s,baz=109			slow=9.1,SNR=1.7	P	04 29 26.3	+0.1
FINES	FINES Array B	38.24	324 <th>P</th> <td>P</td> <td>04 29 44.6</td> <td>-9.2</td>	P	P	04 29 44.6	-9.2
FINES	comp=Z,1.0nm,0.4s			eP	Pmax	04 29 44.6	-9.2
FINES	comp=N,1.0nm,0.6s			eP	Pmax	04 29 50.3	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Limon Verde, La Paz, Arequipa, Villa Florida, etc.

LDG 17 04:57:00.0-0.3, 42.87N-1.49W, h3km, Md2.5/1, M12.0/4, Error ellipse: s-maj=5.0km s-min=3.8km az=63.0

STR 17 04:57:00.0-0.4, 42.80N-1.44W, h10km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 17 04:57:01.6-0.5, 42.86N-1.39W, h5km, 6km, mblg1.6/6, Error ellipse: s-maj=3.7km s-min=2.7km az=39.0, PRXIMO Aftershock/PLICA

ISC 17 04:56:59.5-0.7, 42.84N-0.03-1.45W, 0.05, h15km, 3km, n19, c113/32, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like St Jean, Alkuruntz, Larrau, Osses, etc.

LDG 17 05:02:04.2-0.3, 42.94N-1.46W, h2km, Md2.2/1, M11.9/3, Error ellipse: s-maj=5.6km s-min=4.1km az=67.0

MDD 17 05:02:04.3-0.6, 42.98N-1.43W, h6km, 6km, mblg1.4/6, Error ellipse: s-maj=4.5km s-min=3.9km az=38.0, PRXIMO Aftershock/PLICA

ISC 17 05:02:02.0-0.7, 42.83N-0.04-1.44W, 0.06, h14km, 4km, n12, c150/21, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like St Jean, Alkuruntz, Larrau, Esparros, etc.

LDG 17 05:35:29.4-0.6, 58.91N-31.06W, mb4.0/18, mb1 4.1/21, mb1mx4.1/25, ML3.0/3, Error ellipse: s-maj=18.6km

s-min=13.3km az=173.0 NEIC 17 05:35:31.1-0.4, 59.02N-31.28W, h10km, mb4.4/19, Error ellipse: s-maj=13.1km s-min=6.4km az=196.0

ISC 17 05:37:29.4-4.3, 58.99N-0.06-31.38W, 0.08, h0km, 28km, n52, c119/50, mb4.2/33, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Borgarnes, EKA, ROSF, SCHO, etc.

BUI 17 05:37:00.5, 58.61N-31.31W, h10km, mb5.1, mb4.7, Ms4.6, Ms4.4

IDC 17 05:37:03.2-0.5, 58.93N-31.02W, mb4.3/23, mb1 4.5/27, mb1mx4.4/30, ML3.3/3, MS4.6/12, Ms1 4.6/12, ms1mx4.3/20, Error ellipse: s-maj=16.2km s-min=10.7km az=179.0

MOS 17 05:37:04.9-1.4, 58.73N-31.00W, h10km, mb5.07, MS4.7/11, Error ellipse: s-maj=25.1km s-min=17.0km az=143.8

NEIC 17 05:37:05.0-0.2, 58.72N-30.72W, h10km, mb4.7/70, MS4.8/100, Error ellipse: s-maj=9.1km s-min=3.7km az=194.0

ZUR_RM 17 05:37:05.58, 72N-30.72W, h12km, Mw5.3/11, Moment Tensor Solution. s11 Moment tensor: Scale 10^17Nm; Mrr=0.52; Mss=0.06; Mss=0.58; Mss=0.20; Mss=0.36; Mrr=0.71; Best double couple: Mo.968x10^17 Np1.07, 0.870, -1.98; NP2.02218, 0.21, -1.70; Principal axes: T 1.076, P1g25, Azm112; N -2.118, P1g70, Azm19; P -8.618, P1g64, Azm273; HRVD 17 05:37:05.0-0.2, 58.90N-30.97W, h12km, Mw5.2/58, Centroid moment Tensor Solution. LP body waves: s32,c45; Mantle waves: s58,c105; Half duration: 0 Moment tensor: Scale 10^16Nm; Mrr=6.07e-16; Mrr=0.74e-17; Mss=5.33e-14; Mss=0.73e-53; Mss=2.57e-12; Mss=2.33e-42; Best double couple: Mo.6.73x10^16 Np1.0e207, 0.634, -1.86; NP2.02220, 0.566, -1.93; Principal axes: T 6.93, P1g11, Azm114; N -4, P1g2, Azm23; P -6.54, P1g79, Azm280; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. BGS 17 05:37:13.5-2.7, 53.72N-30.71W, h10km, mb5.4

ISC 17 05:37:04.1-0.7, 58.81N-0.04-30.84W, 0.04, h10km, (h12km, 8km; pP-P), h273, c185/203, mb4.6/105, MS4.7/118, 7C-3D, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Borgarnes, BORG, EKA, ROSF, etc.

LDG 17 05:35:29.4-0.6, 58.91N-31.06W, mb4.0/18, mb1 4.1/21, mb1mx4.1/25, ML3.0/3, Error ellipse: s-maj=18.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bruntseil, Bothel, Talkin, etc.

17d 7h

YKWK3	Yellowknife Ar	38.33 312	P	P	07 14 43.7 +0.1
YKA	Yellowknife Ar	38.37 312	P	P	07 14 42.9 -1.0
comp=Z, 6.9nm, 0.8s, mb4.5, baz=57, slow=9.1, SNR=8.8					
YKA			LR	LR	07 29 40.6
YKA	comp=Z, 1.1um, 20.4s, MS4.8		LR	LR	07 29 40.6
YKA	Yellowknife Ar	38.37 312	P	P	07 14 42.9 -1.0
PWV	Princeton	38.46 258	eP	P	07 14 45.8 +0.8
JFWS	Jewell Farm	39.11 273	PFAKE	LR	07 15 00.0 +1.0
JFWS			LR	LR	
JFWS	comp=Z, 1.1um, 19.0s, MS4.7		LR	LR	
WCI	Wyandotte Cave	40.48 264	eP	P	07 15 02.9 +1.2
WCI			LR	LR	
WCI	comp=Z, 1.1um, 13.0s, MS4.9		MLR	MLR	
SIM	Simferopol	40.92 80	eP	P	07 15 05.5 +0.2
SIM			e	e	07 16 44.0
SIM			pmax	pmax	
SIM	comp=Z, 200nm, 10.6s		MLR	MLR	
SIM	comp=Z, 1.1um, 19.0s, MS4.9		MLR	MLR	
INK	Inuvik	41.28 327	P	P	07 15 06.8 -1.3
INK			P	P	07 31 49.2
INK	comp=Z, 1.8nm, 0.7s, mb3.8, baz=28, slow=14, SNR=7.6		LR	LR	
INK	comp=Z, 2.83nm, 19.6s, MS4.6, baz=47, slow=36		LR	LR	
INK	Inuvik	41.28 327	eP	P	07 15 07.5 -0.5
INK			LR	LR	
INK	comp=Z, 2.8nm, 0.7s, mb4.0		LR	LR	
NHSC	New Hope	41.34 254	PFAKE	LR	07 15 20.0 +1.1
NHSC			LR	LR	
NHSC	comp=Z, 2.2um, 19.0s, MS5.0		LR	LR	
MYNC	Murphy	41.78 259	PFAKE	LR	07 15 20.0 +7.6
MYNC			LR	LR	
MYNC	comp=Z, 1.1um, 19.0s, MS4.7		LR	LR	
DGMT	Dagmar	42.39 289	eP	P	07 15 19.6 +2.4
DGMT			LR	LR	
DGMT	comp=Z, 1.1nm, 0.9s, mb4.5		LR	LR	
DGMT	comp=Z, 1.1um, 22.0s, MS4.7		LR	LR	
FVM	French Village	42.81 268	eP	P	07 15 20.7 0.0
FVM			LR	LR	
FVM	comp=Z, 7.8nm, 0.6s, mb4.6		LR	LR	
WVT	Waverly	42.87 264	eP	P	07 15 20.6 -0.7
WVT			LR	LR	
WVT	comp=Z, 4.7nm, 0.7s, mb4.3		LR	LR	
WVT	comp=Z, 2.2um, 19.0s, MS5.1		LR	LR	
CCM	Cathedral Cave	43.18 269	eP	P	07 15 23.9 +0.1
CCM			LR	LR	
CCM	comp=Z, 8.9nm, 0.8s, mb4.5		LR	LR	
CCM	comp=Z, 666nm, 20.0s, MS4.5		LR	LR	
IDI	Anoyia	43.23 98	P	P	07 15 23.2 -1.0
IDI			P	P	07 15 26.9 +0.5
EDM	Edmonton	43.53 300	eP	P	07 15 33.7 -0.1
EDM			P	P	07 34 47.9
EDM	comp=Z, 1.3nm, 1.1s, mb4.5, baz=34, slow=20, SNR=2.5		LR	LR	
BRTR	Reskin Array B	44.41 86	eP	P	07 15 33.7 -0.1
BRTR			P	P	07 34 47.9
BRTR	comp=Z, 2.4nm, 0.9s, mb3.9, baz=31, slow=5.1, SNR=7.5		LR	LR	
BRTR	comp=Z, 838nm, 21.2s, MS4.6, baz=27, slow=37		LR	LR	
BRTR	Reskin Array B	44.41 86	eP	P	07 15 33.7 -0.1
BRTR			P	P	07 34 47.9
BRTR	comp=Z, 2.4nm, 0.9s, mb3.9, baz=31, slow=5.1, SNR=7.5		LR	LR	
LAO	LASA Array	44.61 289	eP	P	07 15 35.8 +0.5
LAO			LR	LR	
LAO	comp=Z, 1.1nm, 0.7s, mb4.8		LR	LR	
LAO	comp=Z, 1.1um, 20.0s, MS4.9		LR	LR	
LRAL	Lakeview Retre	44.85 260	eP	P	07 15 37.1 -0.3
LRAL			LR	LR	
LRAL	comp=Z, 2.3nm, 1.4s, mb4.6		LR	LR	
LRAL	comp=Z, 2.2um, 20.0s, MS5.1		LR	LR	
OXF	Oxford	44.94 264	PFAKE	LR	07 15 50.0 +1.2
OXF			LR	LR	
OXF	comp=Z, 3.2um, 20.0s, MS5.2		LR	LR	
KSU1	Kansas State U	45.19 274	eP	P	07 15 39.5 -0.4
RSSD	Black Hills	45.33 285	eP	P	07 15 42.3 +1.2
RSSD			LR	LR	
RSSD	comp=Z, 2.3nm, 0.7s, mb4.1		LR	LR	
RSSD	comp=Z, 998nm, 22.0s, MS4.7		LR	LR	
GOF	Gofitskoye	45.35 73	iP	pmax	07 15 43.5 +2.3
GOF			pmax	pmax	
GOF	comp=Z, 4.0nm, 1.4s, mb5.1		LR	LR	
DAWY	Dawson	45.93 324	eP	P	07 15 46.6 +1.1
DWPF	Disney	46.04 251	PFAKE	LR	07 16 00.0 +1.3
DWPF			LR	LR	
DWPF	comp=Z, 376nm, 19.0s, MS4.4		LR	LR	
DLBC	Dease Lake	46.82 315	LR	LR	07 34 32.3
DLBC	comp=Z, 1.1um, 21.6s, MS4.6, baz=38, slow=35		LR	LR	
MIAR	Mount Ida	47.07 267	eP	P	07 15 54.2 -0.7
MIAR			LR	LR	
MIAR	comp=Z, 1.2nm, 1.0s, mb4.8		LR	LR	
MIAR	comp=Z, 1.1um, 19.0s, MS5.0		LR	LR	
HRY	Holter Researc	47.32 293	eP	P	07 15 56.7 -0.1
ILAR	Eielson Array	47.55 328	P	P	07 15 57.3 -1.0
ILAR			P	P	07 17 27.6 -1.0
ILAR	comp=Z, 1.4nm, 0.8s, mb4.0, baz=31, slow=7.3, SNR=13		P	P	07 17 27.6 -1.0
ILAR	comp=Z, 1.3nm, 0.8s, baz=33, slow=4.1, SNR=5.0		P	P	07 16 02.4 +2.7
COLA	College	47.73 329	eP	P	07 15 59.0 -0.7
COLA			LR	LR	
COLA	comp=Z, 1.1nm, 1.4s, mb4.7		LR	LR	
COLA	comp=Z, 493nm, 21.0s, MS4.5		LR	LR	
CHMT	Chamberlain Mo	47.86 294	eP	P	07 16 00.5 -0.4
MALT	Malatya	47.95 83	eP	P	07 16 02.0 +0.2
MALT			LR	LR	
MALT	comp=Z, 2.1nm, 1.4s, mb5.0		LR	LR	
BOZ	Bozeman (W)	47.99 291	eP	P	07 16 02.6 +0.6
BOZ			LR	LR	
BOZ	comp=Z, 4.4nm, 0.7s, mb4.6		LR	LR	
BOZ	comp=Z, 600nm, 21.0s, MS4.5		LR	LR	
MSO	Missoula	48.25 294	PFAKE	LR	07 16 20.0 +1.6
MSO			LR	LR	
MSO	comp=Z, 922nm, 21.0s, MS4.7		LR	LR	
IMA	Indian Mountain	48.26 333	eP	P	07 16 04.6 +0.8
IMA			LR	LR	
IMA	comp=Z, 9.9nm, 0.6s, mb5.0		LR	LR	
QLMT	Earthquake Lak	48.49 291	P	P	07 16 08.4 +2.5
NEW	Newport	48.70 287	P	P	07 16 06.7 -0.7
NEW			LR	LR	
NEW	comp=Z, 2.7nm, 0.9s, mb4.2, baz=20, slow=6.9, SNR=5.0		LR	LR	
NEW	comp=Z, 3um, 18.8s, MS5.3, baz=44, slow=35		LR	LR	
NEW	Newport	48.70 297	eP	P	07 16 07.1 -0.3
NEW			LR	LR	
NEW	comp=Z, 3.9nm, 1.0s, mb4.4		LR	LR	
NEW	comp=Z, 3um, 20.0s, MS5.2		LR	LR	
MCK	McKinley	48.93 329	eP	P	07 16 10.8 +1.9
MCK			LR	LR	
MCK	comp=Z, 1.94nm, 19.0s, MS4.1		LR	LR	
IMW	Indian Meadow	48.93 289	eP	P	07 16 11.8 +2.5
MOOV	Moose Ponds	48.94 289	eP	P	07 16 09.7 +0.3
TIXI	Tiksi	49.07 8	PFAKE	LR	07 16 20.0 +1.0
TIXI			LR	LR	
TIXI	comp=Z, 1.40nm, 20.0s, MS4.0		LR	LR	
PDAR	Pinedale Array	49.08 287	P	P	07 16 09.2 -1.2
PDAR			LR	LR	
PDAR	comp=Z, 8.1nm, 1.0s, mb4.7, baz=59, slow=6.5, SNR=21		LR	LR	
PDAR	comp=Z, 1.1um, 19.0s, MS5.0, baz=20, slow=35		LR	LR	
BW06	Boulder Array	49.08 287	eP	P	07 16 09.7 -0.8
BW06			LR	LR	
BW06	comp=Z, 4.5nm, 0.7s, mb4.6		LR	LR	
BW06	comp=Z, 2.2um, 19.0s, MS5.0		LR	LR	
SNOW	Snow King Moun	49.16 289	eP	P	07 16 11.2 +0.1
MCMT	McKenzie Canyo	49.18 292	eP	P	07 16 12.7 +1.5
TPAW	Teton Pass	49.23 289	eP	P	07 16 11.5 -0.2
REDW	Red Top Meadow	49.28 289	eP	P	07 16 11.6 -0.4
ISCO	Idaho Springs	49.30 282	eP	P	07 16 12.6 +0.4
ISCO			LR	LR	
ISCO	comp=Z, 2.0nm, 1.4s, mb5.0		LR	LR	
ISCO	comp=Z, 1.1um, 20.0s, MS4.9		LR	LR	
DPW	Davenport	49.48 288	eP	P	07 16 13.8 +0.3
WMOK	Wichita Mouna	49.50 272	eP	P	07 16 14.3 -0.5
WMOK			LR	LR	
WMOK	comp=Z, 2.2nm, 1.4s, mb5.0		LR	LR	
WMOK	comp=Z, 1.1um, 21.0s, MS4.8		LR	LR	
SIT	Sitka	49.77 316	PFAKE	LR	07 16 30.0 +1.4
SIT			LR	LR	
SIT	comp=Z, 1.1um, 19.0s, MS5.0		LR	LR	
NATX	Nacogdoches	49.81 266	PFAKE	LR	07 16 30.0 +1.4
NATX			LR	LR	
NATX	comp=Z, 1.1um, 20.0s, MS5.0		LR	LR	
AHID	Auburn Hatcher	49.84 288	PFAKE	LR	07 16 30.0 +1.4
AHID			LR	LR	
AHID	comp=Z, 1.1um, 19.0s, MS5.0		LR	LR	
DIV	Divide	50.09 325	PFAKE	LR	07 16 30.0 +1.2
DIV			LR	LR	
DIV	comp=Z, 2um, 19.0s, MS5.1		LR	LR	
BBB	Bella Bella	50.63 308	LR	LR	07 37 30.4
BBB			LR	LR	
BBB	comp=Z, 998nm, 19.4s, MS4.8, baz=48, slow=36		LR	LR	
PMR	Palmer	50.70 327	PFAKE	LR	07 16 30.0 +7.4
PMR			LR	LR	
PMR	comp=Z, 4.54nm, 19.0s, MS4.5		LR	LR	
SDCO	Great Sand Dun	50.80 280	eP	P	07 16 23.5 -0.1
SDCO			LR	LR	
SDCO	comp=Z, 1.6nm, 1.5s, mb4.7		LR	LR	
SDCO	comp=Z, 1.1um, 21.0s, MS4.9		LR	LR	

2004 SEP

HLID	Hailey	50.87 291	eP	P	07 16 24.7 +0.6
HLID			LR	LR	
HLID	comp=Z, 2.1nm, 0.8s, mb4.1		LR	LR	
HLID	comp=Z, 860nm, 20.0s, MS4.8		LR	LR	
HWUT	Hardware Ranch	50.94 288	eP	P	07 16 24.4 -0.3
HWUT			LR	LR	
HWUT	comp=Z, 4.7nm, 0.8s, mb4.5		LR	LR	
HWUT	comp=Z, 2um, 20.0s, MS5.1		LR	LR	
HAWA	Hanford	51.19 297	PFAKE	LR	07 16 40.0 +1.4
HAWA			LR	LR	
HAWA	comp=Z, 1.49nm, 19.0s, MS4.0		LR	LR	
FIB	Fire Island	51.34 327	PFAKE	LR	07 16 40.0 +1.3
FIB			LR	LR	
FIB	comp=Z, 5.80nm, 20.0s, MS4.6		LR	LR	
SPUT	South Promonto	51.60 288	eP	P	07 16 29.3 -0.4
TNA	Tin City	51.76 339	PFAKE	LR	07 16 40.0 +9.4
TNA			LR	LR	
TNA	comp=Z, 2.57nm, 21.0s, MS4.2		LR	LR	
BVAR	Borovoy Array	51.87 49	P	P	07 16 30.3 -1.3
BVAR			LR	LR	
BVAR	comp=Z, 3.5nm, 0.9s, mb4.3, baz=307, slow=7.4, SNR=9.7		LR	LR	
BVAR	comp=Z, 1.1um, 19.0s, MS4.9		LR	LR	
ASF	Jabal al Asfar	51.89 90	P</		

GERES	comp-Z,73nm,1.4s,mb5.4	P	P	11 37 16.7	-1.3
GERES	comp-Z,8.8nm,0.7s,mb4.8,baz=79,slow=6.8,SNR=24	P	P	11 37 19.0	+0.6
KHC	Kasperske Hory	73.16 317	eP	11 37 19.0	+6.0
KHC			eS	12 17 30.0	
KHC			LR		
AGST	comp-Z,2.2nm,15.0s	P	P	11 37 19.3	+0.5
VOJKO	Augusta-Monte	73.19 305	eP	11 37 17.8	-1.0
VOJKO	Vojsko	73.22 314	eP	11 46 44.2	+0.9
NAMSOS	Namsos	73.23 333	eS	12 13 41.4	
AMS			AMS		
AMS			AMS		
CLL	comp-Z,4.4m,16.1s,MSS.8	P	P	11 37 20.1	+0.6
CLL	Collin	73.36 319	iP	11 37 23.8	+0.5
CLL	comp-Z,logA/T=1.8,mb5.5		iPP	11 37 40.8	+4.8
CLL			PcP	11 41 54.0	+5.3
CLL			ePPP	11 46 48.0	+1.3
CLL			eS	11 47 17.0	-4.1
CLL			ePS	11 47 35.0	+0.5
CLL			ePPS	11 51 30.0	-1.4
CLL			SS	11 37 20.1	+0.6
CLL	Collin	73.36 319	iP	11 46 48.0	+1.3
CLL			eS		
CLL			pmax		
CLL	comp-Z,106nm,1.6s,mb5.5	P	P	11 37 20.1	+0.6
CLL	Collin	73.36 319	iP	11 37 23.8	+0.5
CLL	comp-Z,106nm,1.6s,mb5.5		i	11 46 48.0	+1.3
CLL			eS	11 46 48.0	+1.3
KBS	Kingsbay	73.44 348	eP	11 49 32.6	+2.6
KBS			eS	11 51 32.6	+0.5
KBS			eSS	12 19 00.2	
KBS			AMS		
KBS	comp-Z,3.1m,17.0s,MSS.7	P	P	11 37 23.5	+4.1
KBS	Kingsbay	73.44 348	eP		
KBS			LR		
KBA	comp-Z,5.1m,21.0s,MSS.8	P	P	11 37 20.6	+0.2
KBA	Koelnbreinsper	73.50 315	iP	11 37 19.3	-1.7
LSZ	comp-Z,369nm,3.9s	P	P	11 37 19.3	-1.7
LSZ	Lusaka	73.52 248	eP		
LSZ			LR		
PTCC	comp-Z,4.4m,20.0s,MSS.7	P	P	11 37 21.3	+0.5
PTCC	Patocco-Chiusa	73.56 314	eP	11 37 22.1	+1.1
WET	Wetzell	73.62 317	eP		
WET			pmax		
WET			pmax		
WET	comp-Z,95nm,1.6s,mb5.5	P	P	11 37 22.1	+1.1
WET	Wetzell	73.62 317	eP		
INTR	comp-Z,95nm,1.6s,mb5.5	P	P	11 37 21.0	-0.3
INTR	Introdacqua	73.64 310	eP	11 37 19.5	-1.8
NB2	NORSAR Subarra	73.71 330	P	11 37 19.5	-1.8
NB2	comp-Z,2.1nm,0.8s,mb5.1,baz=88,slow=5.8				
NOA	NORSAR Subarra	73.71 330	P	11 37 19.9	-1.4
NOA	comp-Z,14nm,0.7s,mb5.0,baz=88,slow=5.9,SNR=44				
NOA	NORSAR Array B	73.71 330	P	12 14 39.4	
NOA			LR		
NKC	comp-Z,5.1m,18.6s,MSS.8,baz=90,slow=40				
NKC	Novy Kostel	73.80 318	LR	12 16 10.0	
NKC			LR		
VAE	Valguarnera	73.81 305	P	11 37 22.0	-0.3
VAE	comp-Z,5.8nm,0.3s,mb5.0,baz=53,slow=9.9,SNR=2.7				
NAO01	NORSAR Array S	73.83 329	eP	11 37 21.4	-0.9
NAO01			LR		
NAO01			LR		
FVI	comp-Z,4.4m,20.0s,MSS.7	P	P	11 37 23.7	+0.8
FVI	Forni Avoltri	73.94 315	eP	11 37 22.4	-0.8
AQU	L'Aquila	73.97 310	eP		
AQU			pmax		
AQU	comp-Z,68nm,1.1s,mb5.5	P	P	11 37 22.4	-0.8
AQU	L'Aquila	73.97 310	eP		
PTQR	Pietraruqia	74.01 310	eP	11 37 24.0	+0.6
ARV	Arcevia	74.17 311	eP	11 37 26.0	+1.7
MOX	Moxa	74.29 319	iP	11 37 26.1	+1.2
MOX			LR		
MOX	comp-Z,logA/T=2.0,mb5.7				
MOX	Moxa	74.29 319	eP	11 47 01.0	+3.8
MOX			S	12 15 01.0	
MOX			L	11 37 26.1	+1.2
MOX			pmax		
MOX	comp-Z,196nm,2.1s,mb5.7	MLR	MLR		
MOX	comp-Z,2.1m,22.0s,MSS.5	P	P	11 37 26.1	+1.2
MOX	Moxa	74.29 319	eP	11 47 01.0	+3.8
MOX			eS		
MOX			LR		
KONO	comp-Z,2.1m,22.0s,MSS.5	P	P	11 37 40.0	+1.3
KONO	Kongsberg	74.61 328	PFAKE		
GRA1	comp-Z,5.1m,20.0s,MSS.8	P	P	11 37 28.6	+1.7
GRA1	Grafenberg Arr	74.64 318	eP		
GRA1			eS	11 47 11.9	+1.1
GRA1			LR		
GRF	comp-Z,4.4m,18.6s,MSS.7	P	P	11 37 28.6	+1.7
GRF	Grafenberg Arr	74.64 318	eP		
GRF			pmax		
GRF			pmax		
WTTA	comp-Z,203nm,1.6s,mb5.8	P	P	11 37 27.2	+0.2
WTTA	Wattenberg	74.64 315	iP		
WTTA			P		
WATA	comp-Z,268nm,2.3s,mb5.7	P	P	11 37 28.0	+0.8
WATA	Walderalm	74.67 315	iP		
WATA			P		
BSEG	comp-Z,86nm,1.7s,mb5.4	P	P	11 37 29.6	+2.1
BSEG	Bad Segeberg	74.75 322	eP		
BSEG			pmax		
CTI	comp-Z,191nm,1.5s,mb5.8	P	P	11 37 28.8	+1.0
CTI	Castel Tesino	74.78 314	eP	11 37 29.4	+1.6
FUR	Furstenfeldbr	74.78 316	eP	11 37 30.1	+1.7
CRE	Caprese Michel	74.87 312	eP	11 37 30.9	+2.3
SFI	Santa Sofia	74.91 312	eP	11 37 28.3	-0.4
SQTA	Sankt Quirin	74.94 315	iP		
CLZ	comp-Z,98nm,1.7s,mb5.5	P	P	11 37 30.0	+1.4
CLZ	Clausthal	74.94 320	eP		
MOTA	comp-Z,118nm,1.4s,mb5.6	P	P	11 37 28.7	-0.3
MOTA	Mossalm	74.99 315	iP		
MOTA			P		
PGD	comp-Z,77nm,1.6s,mb5.7	P	P	11 37 29.9	+0.7
PGD	Poggio Sodo	75.00 312	eP	11 37 29.0	-0.4
TOLF	Toifa	75.04 310	eP	11 37 30.9	+1.1
VMG	Vicchio	75.12 312	eP	11 37 49.3	+5.7
MUD	Monsted U'grnd	75.14 325	iP	11 47 15.1	+8.5
MUD			PcP		
SEI	comp-Z,5.1m,17.0s	P	P	11 37 33.7	+3.2
SEI	Scarperia	75.24 312	eP	11 37 34.6	+4.0
MOL	Molde	75.33 331	eP	11 37 36.6	
MOL			Amb		
MOL	comp-Z,174nm,1.9s,mb5.7	P	P	11 37 34.6	+4.0
MOL	Molde	75.33 331	eP		
CSNT	comp-Z,174nm,1.9s,mb5.7	P	P	11 37 31.6	+4.4
CSNT	Castellina Chi	75.36 312	eP	11 37 34.5	+1.9
ZCCA	Zocca	75.47 312	eP	11 37 34.7	+2.1
BRMO	Bormio	75.60 315	eP	11 37 34.7	+2.1
SAL	Salo	75.61 314	eP	11 37 33.2	-0.2
GRFL	Gerfalco	75.64 311	eP	11 37 33.4	-0.1
GSLC	Giuciolia	75.74 312	eP	11 37 34.5	+0.7
BDI	Bagni Di Lucca	75.78 312	eP		
DAVA	Daruels	75.82 316	iP		
ERBM	comp-Z,457nm,3.8s	P	P	11 37 36.8	+2.8
ERBM	Eremo	75.86 313	eP	11 37 33.1	-1.1
DAVOX	Davos	75.89 315	P		
BOB	comp-Z,7.9nm,0.6s,mb4.9,baz=59,slow=5.1,SNR=12				
BOB	Bobbio (Colli)	76.49 313	eP	11 37 38.4	+0.9
BFO	Black Forest	76.71 317	eP	11 37 39.3	+0.6
BFO			pmax		
BFO	comp-Z,92nm,1.9s,mb5.4	P	P	11 37 39.3	+0.6
BFO	Black Forest	76.71 317	eP		
BFO			P		
VAI	Varese	76.79 314	eP	11 37 39.5	+0.3
LANF	Langenberg	76.95 317	eP	11 37 41.2	+1.8
FELD	Feldberg	76.99 316	eP	11 37 41.2	+1.8
WTSB	Winterswijk	77.12 321	eP	11 37 42.9	+2.0
PGF	comp-Z,54nm,1.5s,mb5.3	P	P	11 37 40.3	-1.1
PGF	Pioggiola	77.17 311	eP		
LIBD	comp-Z,422nm,1.9s,mb5.8	P	P	11 37 42.2	+0.7
LIBD	Limbürg	77.22 317	eP	11 37 42.8	+0.6
WLS	Weischbruch	77.39 317	eP	11 37 42.8	+0.3
CDP	Champ du Feu	77.39 317	eP		
FIN	comp-Z,60nm,1.2s,mb5.1	P	P	11 37 41.0	-1.9
FIN	Finale Ligure	77.45 313	eP	11 37 43.8	+0.7
ECH	Echery	77.50 317	eP	11 37 44.2	+0.7
MCF	Molkensrain	77.59 316	eP	11 37 44.2	+0.7
HNF	Hinterfeld	77.77 316	eP	11 37 45.8	+0.2
HGN	Heimangsroewe	77.85 319	eP	11 37 45.8	+0.9
HGN	comp-Z,19nm,2.2s,mb4.6			11 47 33.9	-2.3

HGN	Walferdange	77.90 318	eSS	11 52 46.0	+6.2
WLF			eP	11 37 46.0	+0.7
WLF			pmax		
WLF	comp-Z,70nm,1.2s,mb5.5	P	P	11 37 46.0	+0.7
WLF	Walferdange	77.90 318	eP		
SAOF	comp-Z,70nm,1.3s,mb5.5	P	P	11 37 46.8	+1.1
AUTN	Saorge	77.96 312	eP	11 37 47.8	+1.6
SBU	L'Aution	78.05 312	eP	11 37 46.7	+0.4
HAF	Sospel	78.06 312	eP	11 37 46.7	+0.4
HAU	Haudompre	78.07 317	eP	11 37 46.7	+0.5
HAU			eR		
REV	comp-Z,4.4m,19.0s	P	P	11 37 48.0	+1.3
AURIE	Revere	78.14 312	eP	11 37 47.2	+0.5
LRP	Auriere	78.14 312	eP	11 37 47.5	+0.2
LRP	La Plagne	78.25 314	eP		
THEF	comp-Z,3.3m,0.9s,mb5.1	P	P	11 37 48.3	+1.0
THEF	Thy Montfort	78.27 317	eP	11 37 48.5	+1.0
RSL	Roselend	78.30 314	eP	11 38 00.0	+1.2
TNA	Tin City	78.37 25	PFAKE		
TNA			LR		
MBDF	comp-Z,3.1m,19.0s,MSS.7	P	P	11 37 47.9	-0.1
MBDF	Montbardon	78.38 313	eP		
BNI	comp-Z,351nm,1.5s,mb5.4	P	P	11 37 47.8	-0.2
BNI	Bardonecchia	78.38 314	eP		
BNI			pmax		
BNI	comp-Z,85nm,1.7s,mb5.4	P	P	11 37 49.4	+1.3
BNI	Bardonecchia	78.38 314	eP	11 37 49.4	+1.3
SURF	comp-Z,84nm,1.7s,mb5.4	P	P	11 37 49.4	+1.3
SURF	Saint Urs	78.39 313	eP	11 37 49.2	+0.6
CALN	Calais	78.47 315	eP		
CABF	La Chapelle	78.50 315	eP	11 37 50.3	+0.8
GIVF	comp-Z,339nm,1.7s,mb5.7	P	P	11 37 50.3	+0.8
GIVF	Givet	78.67 319	eP	11 37 50.2	+0.5
FRF	La Foret Royal	78.68 312	eP	11 37 50.0	-0.5
LMR	La Mourre	78.82 312	eP	11 37 51.7	+0.5
ORIF	comp-Z,258nm,1.6s,mb5.6	P	P	11 37 52.8	+1.4
ORIF	Oris-en-Rattie	78.96 314	eP	11 37 52.2	+0.6
ORIF			eR		
GRN	comp-Z,4.4m,22.2s	P	P	11 37 52.8	+1.4
GRN	Grenoble	78.99 314	eP	11 37 52.6	+0.9
OG05	Jujurieux	79.03 315	eP	11 37 53.4	+1.5
BAIF	Baives	79.07 319	eP	11 37 53.4	+1.3
TAVF	Tavernes	79.09 312	eP	11 37 53.3	+1.9
WILF	Willy	79.29 313	eP	11 37 53.0	-0.4
PUVF	Puyoubier	79.36 312	eP	11 37 55.7	+2.0
SMRF	Simiane la Rot	79.36 313	eP	11 37 56.2	+1.7
BERF	Bertagne	79.41 312	eP	11 37 56.2	+1.6
TREF	Trevaux	79.57 312	eP	11 37 56.9	+1.8
GELF	Grande-Etoile	79.59 312	eP	12 16 35.0	
PRAF	Pradon	79.69 313	eP	12 16 35.0	
JMIC	Jan Mayen	79.78 341	AMS	11 37 56.4	+0.6
JMIC	comp-Z,2.1m,20.9s,MSS.4				
VIVF	Saint-Julien-I	79.81 314	eP	11 37 56.4	+0.4
LOR	comp-Z,174nm,1.6s,mb5.1	P	P	11 37 56.4	+0.4
LOR	Lormes	79.86 316	eP		
LOR	comp-Z,269nm,1.6s,mb5.6				
LOR			eR		
SMF	comp-Z,3.1m,21.8s	P	P	11 37 57.1	+0.3
MIDW	Signal de Mont	80.01 316	eP	11 38 10.0	+1.3
MIDW	Midway	80.01 316	PFAKE		
MIDW			LR		

17d 12h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Neumayer Olymp, Newport, Corvallis, Hanford, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BNM, CCM, WCI, WMOK, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MKAR, BVAR, YKA, etc.

NEIC 17 12:07:51.5:0.8, 32.85N-136.79E, h10km, Error ellipse: s-maj=16.7km s-min=11.8km az=118.0

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

TAP 17 12:10:31.0, 24.40N-121.88E, h14km, ML 1.5

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

DHMR 17 12:29:43.4:1.1, 12.37N-45.98E, h11km, 74km, ML3.5

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

DHMR 17 12:34:07.2:1.0, 12.51N-46.05E, h17km, 76km, ML3.6

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

NEIC 17 12:52:24.8, 16.05N-94.94W, h16km, MD3.7(MEX), After MEX.

MEX 17 12:52:25.1:0.7, 16.05N-94.95W, h16km, 17km, MD3.8

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

NEIC 17 12:57:52.8, 39.52N-23.99E, h34km, ML3.1(ATH), After ATH.

ATH 17 12:57:52.9, 39.52N-23.98E, h37km, 4km, MD3.9/10

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Code, Station Name, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPAR, SOGH, AGG, PTL, MKIT, etc.

IDC 17 13:30.0:8.2, 25.14N:123.57E, h159km, 9.7km, mb3.4/4, m1 3.4/5, mb1mx3.1/22, MS3.5/1, Ms1 3.5/1, ms1mx2.7/16, Error ellipse: s-maj=86.1km s-min=18.7km az=56.0

JMA 17 13:30.1:0.1, 24.94N:123.33E, h125km, 2km, mb3.5, ISC 17 13:27.2:0.7, 25.00N:0.07, h143km, 5km, ISC 17 13:25.3:5, mb3.6/4, Southwestern Ryukyu Islands

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

NAO 17 13:15:31.6:4.5, 59.31N:26.98E, ML2.0, HEL 17 13:15:31.9:0.5, 59.30N:27.20E, ML1.7, ML2.0(NAO), Explosion

BER 17 13:15:32.0:2.2, 59.31N:27.23E, ML2.0(NAO), Suspected explosion

ISC 17 13:15:29.8:2.4, 59.32N:0.1:26.8E, 0.2, n10, r195/15, Baltic States - Belarus - Northwestern Russia

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

HEL 17 13:20:15.5:0.1, 59.00N:18.19E, ML1.9, ML2.7(UPP), ML2.3(NAO), Explosion

BER 17 13:20:18.7:3.7, 59.26N:18.07E, ML2.3(NAO), Suspected explosion

NAO 17 13:20:19.4:3.6, 59.45N:18.07E, ML2.3, ISC 17 13:20:13.6:0.5, 59.00N:0.04:18.31E, 0.05, n25, r191/39, Sweden

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

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

ARAO ARCESS Array S 11.01 13 Pn P 13 22 51.5 -3.8

ARAO ARCESS Array S 11.01 13 eP P 13 22 51.5 -3.8

IDC 17 13:25:08.8:13.0, 22.31S:173.91W, h268km, 183km, mb3.3/4, mb1 3.4/5, mb1mx3.2/17, Error ellipse: s-maj=110.0km s-min=70.6km az=173.0, Tonga Islands region

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

BER 17 13:26:02.0:1.8, 60.85N:28.92E, ML2.4(NAO), Suspected explosion

NAO 17 13:25:59.5:3.4, 60.79N:28.99E, ML2.4, Finland-Karelia border region

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

IDC 17 13:52:27.7:15.0, 16.91S:177.54W, mb4.1/4, mb1 4.2/4, mb1mx3.9/15, Error ellipse: s-maj=302.0km s-min=141.1km az=60.0, Fiji Islands region

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

IDC 17 13:54:16.1:0.3, 58.69N:0.04:31.21W, 0.07, h10km, n67, r059/61, mb4.1/35, MS3.8/2, 2C-1D, Reykjanes Ridge

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

IDC 17 14:08:05.3:58.50N:30.40W, h10km, mb5.4, mb5.0, Ms5.2, Ms2.0

NEIC 17 14:08:05.0:2.0, 58.46N:30.36W, h10km, mb4.9/9.3, Ms5.2/1.1, Error ellipse: s-maj=8.6km s-min=3.4km az=195.0

ZUR_RM 17 14:08:05.58, 46N:30.36W, h12km, Mw5.6/11, Moment Tensor Solution, s11 Moment tensor: Scale 10^17Nm; Mn: -1.32; Mw: 1.00; Ms: 0.31; Mz: -0.32; Mxx: 0.12; Mxy: -0.06; Mxz: 0.06; Myy: -0.04; Myz: -0.07; Mzz: 0.08; Mxx-Mzz: 0.04; Mxy-Mxz: 0.03; Mxx+Mzz: 0.08; Mxy+Mxz: 0.01; Principal axes: T: 2.175, P: 3.676, N: 9.617; Azm: 272.7; Azm90: 90.0; Azm180: 180.0; Azm270: 270.0

HRVD 17 14:08:05.0:2.0, 58.81N:31.07W, h12km, Mw5.4/6.4, Centroid moment tensor solution. LP body waves: s52, c89, mantle waves: s64, c143; Half duration: 1s3 Moment tensor: Scale 10^17Nm; Mn: -1.56; Mw: 0.33; Ms: 0.14; Mz: -0.10; Mxx: 0.15; Mxy: -0.02; Mxz: 0.01; Myy: -0.03; Myz: -0.03; Mzz: 0.03; Mxx-Mzz: 0.12; Mxy-Mxz: 0.01; Principal axes: T: 1.64, P: 3.676, N: 9.617; Azm: 272.7; Azm90: 90.0; Azm180: 180.0; Azm270: 270.0

IGIL 17 14:08:08.4, 58.90N:31.00W, h0km, Ms5.2, MOS 17 14:08:08.6:1.1, 59.00N:30.78W, h10km, mb5.2/1.4, Ms5.2/2.0, Error ellipse: s-maj=15.7km s-min=10.0km az=48.2

ISC 17 14:08:08.0:1.4, 58.83N:0.03:31.17W, 0.04, h15km, 8km, h12km, n1, 1km, pP-P, N425, r109/339, mb4.8/150, MS5.1/153, D2C-6D, Reykjanes Ridge

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

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like STS, PDA, EPON, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CLL, Colim, LASF, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MCWV, VAE, MLR, etc.

17d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, ARCES ARCES Array B, FINES FINES Array B, etc.

OTT 17 15:21:42.4.0.1, 36.74N-83.92W, h5km, MN3.9/23, Eastern Kentucky, Us 600km south from Amherstburg, On NEIC 17 15:21:43.6, 36.93N-84.01W, h1km, MN3.7, After CERL, NEIC Felt [V] at Gray, [V] at Barbourville, Corbin, London and Rockholds; [III] at Manchester and Williamsburg. IDC 17 15:21:43.9.2.0, 37.02N-83.88W, mb3.8/3, mb1.4/1.6, mb1mx3.8/24, ML3.3/3, Error ellipse: s-maj=30.8km s-min=16.6km az=139.0. ISC 17 15:21:42.5.0.3, 37.22N-0.03, 83.95W-0.04, h1km, n84, e1526/107, Kentucky

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CPCT Cooper Cave, WCI Wyandotte Cave, FWW Forest Hill, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BUKO Buck Lake, KGNO Kingston, PLVO Plevna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, RAR Rarotonga, RAR Rarotonga, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR 1.7nm,0.9s,baz=98,slow=17,SNR=7.5, ASPA Alice Springs, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Matawai, Urewera, Kokohu, Black Stump Fm, etc.

IDC 17 18:28:48.4.1.6.3.60S:136.89E, mb3.6/4, mb1 4.0/7, mb1mx3.9/12, ML3.7/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/10, Error ellipse: s-maj=52.3km s-min=21.2km az=78.0

NEIC 17 18:28:49.9.0.8.3.65S:136.88E, h10km, mb3.9/4, Error ellipse: s-maj=20.4km s-min=10.1km az=75.0

ISC 17 18:28:55.9.3.2.3.70S:0.09-137.0E.0.2, h85km, 32km, n14, c060/15, mb3.5/4, Irian Jaya

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

MOS 17 18:58:02.7.1.5.62.85N:51.26E, h11km, mb3.5/3, Error ellipse: s-maj=13.4km s-min=6.9km az=113.4

MOS Felt (III-IV) at Rakapas; (II) at Trakt, Emba, - 2. NAO 17 18:58:04.8.4.0.62.81N:50.92E, ML3.8

NEIC 17 18:58:04.8.4.0.62.83N:51.50E, h10km, MG3.5(MOS), Error ellipse: s-maj=14.4km s-min=6.5km az=221.0

NEIC Felt (VI) at Rakapas; (II) at Emba an Trakt. IDC 17 18:58:07.4.1.1.62.56N:50.86E, mb3.4/3, mb1 3.8/8, mb1mx3.7/19, ML4.0/5, MS2.9/1, Ms1 3.0/1, ms1mx2.2/25, Error ellipse: s-maj=24.4km s-min=9.9km az=25.0

HEL 17 18:58:15.3.0.3.62.86N:50.37E, h10km, ML3.6

ISC 17 18:58:02.0.0.5.62.81N:05.513E.0.1, h10km, n43, c113/45, mb3.2/3, Baltic States - Belarus - Northwestern Russia

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

WEL 17 19:13:00.4.0.2.37.64S:177.12E, h131km, 1km, ML3.6/4, 4C-1D, Error ellipse: s-maj=1.1km s-min=0.9km az=90.0, Off east coast of North Island

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

IDC 17 19:46:9.51.0, 17.70S:175.31W, mb3.6/3, mb1 3.8/3, mb1mx3.6/14, MS3.4/1, Ms1 3.4/1, ms1mx2.8/21, Error ellipse: s-maj=963.0km s-min=171.5km az=80.0, Tonga Islands

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

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

IDC 17 19:39:08.5.3.4.10.92N:138.13E, mb3.6/4, mb1 3.8/4, mb1mx3.6/17, MS2.9/1, Ms1 2.9/1, ms1mx2.7/28, Error ellipse: s-maj=103.0km s-min=25.3km az=67.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOW, KUN, JNU, NAK, etc.

NEIC 17 20:02:00.0.3.1.23.56S:179.85W, h546km, 35km, mb4.1/4, Error ellipse: s-maj=30.0km s-min=16.5km az=201.0

IDC 17 20:02:12.6.5.5.23.63S:179.88W, h561km, 65km, mb3.4/8, mb1 3.6/9, mb1mx3.4/15, Error ellipse: s-maj=44.6km s-min=22.5km az=15.0

ISC 17 20:02:19.3.1.3.23.65O.1x179.9W.0.2, h540km, 17km, n22, c054/14, mb4.0/10, South of Fiji Islands

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

WEL 17 19:13:00.4.0.2.37.64S:177.12E, h131km, 1km, ML3.6/4, 4C-1D, Error ellipse: s-maj=1.1km s-min=0.9km az=90.0, Off east coast of North Island

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

IDC 17 20:03:40.9.1.3.11.70S:119.03E, mb3.9/3, mb1 4.0/6, mb1mx3.9/13, ML3.7/3, Error ellipse: s-maj=54.5km s-min=21.2km az=62.0

NEIC 17 20:03:42.8.4.7.12.01S:118.75E, h17km, 35km, mb4.3/3, Error ellipse: s-maj=15.7km s-min=6.7km az=54.0

DJA 17 20:03:45.0.6.0.11.80S:118.68E, h80km, MDA, 8/7, ML5.8/4, Error ellipse: s-maj=17.5km s-min=7.3km az=170.0

ISC 17 20:03:43.0.0.9.12.05S:107.11E, h70E.0.8, h63km, 14km, n28, c134/44, mb3.9/3, 5C-5D, South of Sumbawa

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

G11 17 23:19:40.3.0.6.34.32N.36.06E, h5km,30km,ML2.7/6, Mw2.8/7

ISC 17 23:19:37.9.0.7.43.39N.0.05.36.1E.0.1.1,h5km,n14, 0.089/20.2C,Jordan - Syria region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Hawqa, Bhanes, Matirih, etc.

IDC 17 23:32:20.0.1.3.28.56N.52.83E,mb4.0/12,mb1 4.0/14, mb1mx3.9/22,ML3.3/2, Error ellipse: s-maj=29.4km

s-min=19.2km az=1.0 NEIC 17 23:32:25.3.0.9.28.61N.52.75E, h35km,mb3.8/2, Error ellipse: s-maj=19.4km s-min=10.4km az=181.0

THR 17 23:33:06.2.0.5.31.80N.52.09E, h25km,15km,ML2.8 ISC 17 23:32:20.0.2.4.28.48N.0.06.52.67E.0.08,h17km,18km, n33.0.96/34,mb3.9/15,Southern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Wahat al Ahsa, Na'in, Ashtian, etc.

IDC 17 23:43:07.0.0.3.46.15N.0.01.3.13W.0.03,h10km,n40, 0.157/103,Bay of Biscay

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like La Roche-sur-Y, Ile d'Oleron, Quistinic, etc.

CASC 17 23:36:05.4.2.4.8.45N.-82.77W, h21km,6km,MD4.2, 2C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like David, Petroterminal, Cerro Adams, etc.

NEIC 17 23:37:01.2.0.7.5.10S.-154.03E, h130km,mb4.5/9, Error ellipse: s-maj=18.8km s-min=8.8km az=105.0

IDC 17 23:37:01.3.10.0.5.17S.154.14E, h131km,95km,mb3.8/8, mb1 4.1/9, mb1mx4.0/13,ML3.8/1, Error ellipse: s-maj=46.0km s-min=24.0km az=82.0

ISC 17 23:37:02.0.3.8.15.0.1.153.9E.0.2,h147km,29km,n23, 0.073/23,mb4.3/17,New Ireland region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Port Moresby, Charters Tower, Tennant Creek, etc.

Table with columns: STKA, FITZ, FORT, CMAR, SONM, PKI, DKN, GKN, KOLN, MKAR, ILAR, QSPA, QSA, MPA, ZRNK. Lists stations like Stephens Creek, Fitzroy Crossi, Forrest, etc.

STR 17 23:43:08.7.0.3.46.20N.3.42W, h2km,1km,ML3.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 17 23:43:09.9.0.9.46.16N.3.28W, h11km,mbL2.4/14, Error ellipse: s-maj=10.4km s-min=5.8km az=138.0

LDG 17 23:43:11.1.0.1.46.20N.3.25W, h10km,MD3.3/2,ML3.1/22, Error ellipse: s-maj=2.0km s-min=1.1km az=67.0

NEIC 17 23:43:11.1.46.20N.3.25W, h10km,ML3.1(LDG), After

ISC 17 23:43:07.0.0.3.46.15N.0.01.3.13W.0.03,h10km,n40, 0.157/103,Bay of Biscay

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like La Roche-sur-Y, Ile d'Oleron, Quistinic, etc.

CASC 17 23:36:05.4.2.4.8.45N.-82.77W, h21km,6km,MD4.2, 2C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like David, Petroterminal, Cerro Adams, etc.

Table with columns: EMAZ, LASF, ETOR, ELOB, VIVF, MEZF, EMOS, BAIF, BAIF, ESDC, ESDC. Lists stations like Mazaricos, Ste Croix, Torete, etc.

MEX 17 23:43:20.0.1.2.16.04N.91.22W, h46km,39km,MD5.0

IDC 17 23:43:20.3.0.6.16.50N.91.39W,mb4.7/21,mb1 4.8/23, mb1mx4.8/24,ML4.0/2,MS4.7/22,Ms1 4.7/22, ms1mx4.6/26, Error ellipse: s-maj=18.6km s-min=12.1km az=70.0

NEIC 17 23:43:21.8.0.2.16.50N.91.32W, h10km,mb5.3/19, MS4.5/19,MD5.0(MEX), Error ellipse: s-maj=4.3km s-min=2.4km az=196.0

HRVD 17 23:43:21.8.0.3.16.76N.91.54W, h12km, MW5.1/59, Centroid moment Tensor Solution. LP body waves: s38,c53,Mantle waves: s59,c104; Half duration: 0 Moment tensor: Scale 10^16Nm; M1:5.41+-14; M2:-2.58+-11; M3:-2.83+-16; M4:0.30+-38; M5:2.68+-09; M6:0.7x10^16 Np1; phi:302; 336; lambda:66; NP2:30152; 358; lambda:106; Principal axes: T:6.29, P1g:72, Azim:101; N:-45, P1g14; Azm:323; P:5.84, P1g12; Azm:230; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

CASC 17 23:43:21.2.4.2.2.16.79N.91.46W, h10km,MD5.1,ML5.0, mb5.3(NEIC)

BUI 17 23:43:23.7.16.50N.-91.30W, h10km,mb5.5,Ms5.4, Ms2.0

MOS 17 23:43:23.8.1.4.16.42N.91.46W, h33km,mb5.8/10, Error ellipse: s-maj=18.8km s-min=12.3km az=84.7

ISC 17 23:43:21.9.0.1.16.78N.0.02.91.31W.0.02,h10km,n453, 0.1906/460,mb5.1/138,MS4.7/45,28C-10D, Mexico-Guatemala border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Comitán, San Cristobal, Tecpan, etc.

CASC 17 23:36:05.4.2.4.8.45N.-82.77W, h21km,6km,MD4.2, 2C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Comitán, San Cristobal, Tecpan, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LAJ Bijagal, MOIG Moreira, and various others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like IMW Indian Meadow, MNV Mina, and various others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SPU Mount Spurr, CAM4 Nova Friburgo, and various others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Saint Jean de, La Jonquera, Ste Croix, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like FINES FINESS Array B, PTCO Patocco-Chiusa, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like AftershockPLICA, Ste Jean, Etsaut, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like PAYG Puerto Ayora, LTX Lajitas, TXAR Lajitas Array, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BOZ Bozeman (W), SACV Santiago Islan, RCBR Riachuelo, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like YBH Cedar Flats, CDFW Rockport, RMW Rattlesnake Mo, etc.

Table with columns: Code, Name, Time, Altitude, Wind, Direction, Speed, etc. Includes entries like DLBC Dease Lake, PCAI Carrot, CLCH Cerro Calan, etc.

Table with columns: Code, Name, Time, Altitude, Wind, Direction, Speed, etc. Includes entries like DBIC Dimbokro, LIC Lamto, LIC Lamto, etc.

Table with columns: Code, Name, Time, Altitude, Wind, Direction, Speed, etc. Includes entries like MUO Muotathal, FIN Finale Ligure, STEIN Stein am Rhein, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FIB, CLL, WET, etc.

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

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ETL3, GBL, MDW, MXC, BVW, etc.

NEIC 1807:16:15.1, 57.29N-154.28W, h3km, ML3.5(AEIC), After AEIC

ISC 1807:16:47.5:7.1, 62.38N-159.48W, mb3.9/4, mb1 4.0/5, mb1mx3.8/20, ML3.0/1, Error ellipse: s-maj=18.0km s-min=0.0km

ISC 1807:16:14.3:0.9, 57.20N-154.2W, 0.1, h60km, 12km, n39, c084/42, mb4.0/4, Kodiak Island region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KABR, CAHL, ACH, etc.

ISC 1807:18:52.3:8.7, 12.22N-141.09E, mb3.6/3, mb1 3.7/3, mb1mx3.5/17, Error ellipse: s-maj=353.0km s-min=31.0km az=77.0, South of Mariana Islands

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

ISC 1807:35:48.4:1.6, 6.60S-130.03E, mb3.9/3, mb1 4.3/6, mb1mx4.0/12, ML4.1/3, Error ellipse: s-maj=68.4km s-min=21.1km az=68.0

NEIC 1807:35:50.3:1.0, 6.69S-129.81E, h10km, mb3.5/1, Error ellipse: s-maj=21.1km s-min=11.3km az=67.1

ISC 1807:36:00.1:3.2, 7.1S-0.1, 129.7E-0.2, h121km, 32km, n9, c1825/12, mb3.7/3, Banda Sea

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

NEIC 1807:59:56.1, 16.55N-98.47W, h20km, MD3.8(MEX), After MEX

MEX 1807:59:55.6:1.1, 16.50N-98.46W, h17km, 13km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PNIG, ACX, VHO, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VHO, OXX, Oaxaca, etc.

NEIC 1808:02:48.5, 16.62N-98.47W, h18km, MD3.8(MEX), After MEX

MEX 1808:02:46.4:1.1, 16.53N-98.44W, h10km, 14km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PNIG, ACX, VHO, etc.

IDC 1808:05:26.0:4.4, 58.87S-148.62W, mb4.0/2, mb1 4.3/2, mb1mx3.8/11, 4C, Error ellipse: s-maj=1054.0km s-min=104.6km az=177.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VNA3, SNA, VNA2, etc.

BUI 1808:11:15.6, 25.40N-126.75E, h101km, mb4.2

NEIC 1808:11:26.5:0.4, 26.14N-125.90E, mb4.5/5, Error ellipse: s-maj=11.1km s-min=10.3km az=112.0

IDC 1808:11:26.3:0.7, 26.22N-125.96E, h95km, 6km, mb3.9/20, mb1 4.0/21, mb1mx4.0/28, Error ellipse: s-maj=15.9km s-min=10.9km az=81.0

JMA 1808:11:27.2:0.2, 26.25N-126.03E, h99km, 2km, M3.9

ISC 1808:11:26.1:0.2, 26.19N-126.10E, 0.4, h10, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JKE, JAGN, NAHI, etc.

ISC 1808:12:26.0:0.7, 12.22N-141.09E, mb3.6/3, mb1 3.7/3, mb1mx3.5/17, Error ellipse: s-maj=353.0km s-min=31.0km az=77.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ, GTA, GON, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KEV, ARCES, INK, etc.

WEL 1808:15:24.9:0.3, 37.03S-176.45E, h317km, 4km, ML4.0/1, 1C, Error ellipse: s-maj=11.1km s-min=8.3km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like URZ, WRZ, MWZ, etc.

IDC 1808:30:42.4:0.9, 10.53N-125.98E, mb3.9/7, mb1 4.1/7, mb1mx3.8/18, Error ellipse: s-maj=61.8km s-min=18.7km az=75.0

MAN 1808:30:48.7, 10.49N-125.80E, h1km, mb4.5, ML3.4, MS3.3

ISC 1808:30:46.3:0.7, 10.38N-126.22E, 0.05, h33km, n22, c1514/32, mb3.9/7, 2C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCPH, MSPL, BESP, etc.

NEIC 1808:42:57.9, 35.26N-4.08W, MG3.4(MDD), After MDD

MDD 1808:42:57.9:1.4, 35.26N-4.08W, mb3.6/7, Error ellipse: s-maj=15.3km s-min=5.8km az=26.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EMEL, EMIJ, ERON, etc.

IDC 1808:49:49.2:7.2, 16.6N-0.2-47.0W-0.7, h10km, n5, 1638/5, mb1mx3.8/21, Error ellipse: s-maj=91.1km s-min=29.0km az=80.0

ZUR 18 10:26:46.2, 46.30N; 7.52E, h6km, ML1.9/7
LDG 18 10:26:47.6, 0.1, 46.30N; 7.50E, h2km, M12.3/16, Error
ellipse: s-maj=2.5km s-min=1.1km az=95.0

STR 18 10:26:49.4, 0.5, 46.43N; 7.66E, h10km; 1km, M12.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 18 10:26:45.8, 0.3, 46.32N; 0.01; 7.49E; 0.03, h6km; 3km, n30,
+1811/64, 7C-2D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Leukerbad, Lac Senin, Grande Dixence, Gryon, Lac Salante, etc.

LDG 18 10:32:55.3; 0.6, 42.90N; 1.47W, h2km, M2.1/2, M12.0/3,
Error ellipse: s-maj=10.5km s-min=7.1km az=41.0

MDD 18 10:32:56.0; 0.6, 42.87N; 1.39W, h6km; 8km, mb1g1.3/6,
Error ellipse: s-maj=5.1km s-min=3.3km az=47.0, PPRXIMO
Aftershock/PLICA

ISC 18 10:32:53.2; 0.8, 42.83N; 0.04; 1.47W; 0.06, h6km, n14,
+r15; 122, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Ste Jean, Alkuruntz, Larrau, Osse, etc.

IDC 18 11:03:57.8; 9.9, 28.84N; 55.68E, mb3.7/4, mb1.3/9.5,
mb1mx3.6/20, ML4.1/1, Error ellipse: s-maj=203.0km
s-min=35.2km az=176.0

ISC 18 11:03:57.6; 2, 28.79N; 0.9; 55.7E; 0.2, h10km, n6, +r086/6,
mb3.5/4, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Jabal al Asfar, Keskin Array, Makanchi Array, etc.

IDC 18 11:09:51.4; 1.7, 0.47S; 134.28E, mb3.6/3, mb1.3/8.5,
mb1mx3.6/16, ML3.4/2, Error ellipse: s-maj=60.2km
s-min=23.0km az=72.0

NEIC 18 11:09:53.7; 1.5, 0.54S; 134.12E, h10km, mb3.8/2, Error
ellipse: s-maj=35.9km s-min=20.1km az=70.0

ISC 18 11:09:55.0; 1.5, 0.65S; 0.2; 134.1E; 0.3, h33km, n9, +r126/9,
mb3.6/3, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Tannat Creek, Warramunga Arr, Fitzroy Cross, etc.

IDC 18 11:13:41.8; 22.0, 2.72N; 99.57E, h237km; 203km, mb3.4/6,
mb1.3/5.7, mb1mx3.2/18, ML4.4/1, MS3.3/2, Ms1.3/4.2,
ms1mx2.8/18, Error ellipse: s-maj=248.0km
s-min=13.3km az=56.0, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chiang Mai Arr, Warramunga Arr, ASAR Alice Springs, etc.

NIED 18 11:15:00.24, 80N; 122.20E, h113km, Mw3.7 Best double
couple: M4.42x10^14 NP1; 239°, 856°, 126°. NP2; 7°, 7,
848°, 149°

IDC 18 11:15:44.3; 1.0, 24.59N; 121.64E, mb3.8/7, mb1.4/0.8,
mb1mx3.8/22, ML3.9/1, MS2.9/1, Ms1.2.9/1, Ms1.2.9/1, Ms1.2.9/1,
Error ellipse: s-maj=31.5km s-min=18.1km az=62.0

TAP 18 11:15:56.8; 24.89N; 122.26E, h107km, ML4.1,
NEIC 18 11:15:56.1; 0.7, 24.85N; 122.26E, h109km; 7km, mb4.3/1,
Error ellipse: s-maj=13.1km s-min=10.6km az=54.0

JMA 18 11:15:57.0; 3.24, 24.82N; 122.24E, h110km, M3.6
ISC 18 11:15:55.3; 0.7, 24.88N; 0.06; 122.21E; 0.06, h120km; 5km,
n28, +r084/38, mb3.8/8, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Taipei, Yonaguni jima, Yajufu, etc.

JOW 1.0m, 0.3s, baz=229, slow=12, SNR=34
JOW Kunigami 5.80 69 P S 11 18 23.8 -2.2

JOW Kunigami 5.80 69 P S 11 17 19.1 -1.1

JTK Tokunoshima 6.71 63 P S 11 17 30.9 -1.7

JAM Amaki Oshima 7.50 60 P S 11 17 41.7 -1.6

JMU Himadiao 2 8.21 82 P S 11 18 03.1 +0.2

JNU Nakatsu 11.18 LR LR 11 22 45.7

CMAR Chiang Mai Arr 22.53 258 P P 11 20 38.8 -7.0

SONM Songoing Array 26.11 335 P P 11 21 20.1 +0.5

MKAR Makanchi Array 38.50 315 P P 11 23 07.6 +0.3

WRB Warramunga Arr 42.85 175 P P 11 23 42.9 -0.4

FITZ Fitzroy Cross 46.08 164 eP P 11 24 09.0 -0.1

WRA Warramunga Arr 46.09 164 P P 11 24 09.2 0.0

WB2 Warramunga Arr 46.09 164 eP P 11 24 09.4 +0.2

ASAR Alice Springs 49.07 161 P P 11 25 46.8 -0.7

STKA Stephens Creek 59.40 161 P P 11 25 46.8 -0.7

NIED 18 11:41:00, 32.70N; 140.70E, h68km, Mw3.6 Best double
couple: M2.29x10^14 NP1; 187°, 863°, 171°. NP2; 44°,
832°, 123°

IDC 18 11:41:13; 4.2, 0.2, 32.71N; 140.80E, h58km; 17km, mb3.2/5,
mb1.3/5.7, mb1mx3.4/21, Error ellipse: s-maj=31.9km
s-min=17.7km az=72.0

NEIC 18 11:41:14.8; 1.9, 32.65N; 140.87E, h74km; 17km, Error
ellipse: s-maj=22.6km s-min=14.1km az=103.0

JMA 18 11:41:15.1; 1.0, 32.70N; 140.71E, h61km; 3km, M3.5
ISC 18 11:41:13.7; 0.8, 32.62N; 0.05; 140.70E; 0.09, h75km; 8km,
n26, +r087/35, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Mitsune, Hachioji jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Miyakejima3, Kozu shima, Boso 1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Nemuro 2, Rausu, Nakash, etc.

JMA 18 11:42:09.2; 0.3, 44.33N; 148.03E, h57km, M4.1, Kuril
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Nemuro 2, Rausu, Nakash, etc.

NEIC 18 11:48:46.0, 30.45S; 71.55W, h38km, MD4.2(GUC), After
GUC

GUC 18 11:48:46.0; 0.7, 30.45S; 71.55W, h38km; 4km, MD4.2,
ML3.4, 2C-2D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Ovalle, La Serena, Tololo Astrono, etc.

MAN 18 11:54:46.8, 12.64N; 120.84E, h166km, mb3.8, ML2.6,
MS2.1, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like San Jose, Coron, Odiang, etc.

IDC 18 12:02.1; 0.8, 5.49S; 103.12E, mb4.0/10, mb1.4/10,
mb1mx4.1/16, MS3.8/1, Ms1.3.8/1, ms1mx2.9/20, Error
ellipse: s-maj=35.2km s-min=14.5km az=56.0

NEIC 18 12:12.03; 7.0, 6.5, 48S; 103.20E, h10km, mb4.4/5, Error
ellipse: s-maj=28.0km s-min=10.2km az=53.0

ISC 18 12:12:05.1; 0.7, 5.55S; 1.1; 103.2E; 0.2, h33km, n16,
+r079/16, mb4.1/13, MS3.7/1, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Marble Bar, Chiang Mai Arr, Fitzroy Cross, etc.

BTRT Keskin Array B 78.01 312 P P 12 24 02.5 +0.3

NEIC 18 12:17:06.0 1.0, 6.05S:148.73E, h49km, 10km, mb4.5/3, Error ellipse: s-maj=20.5km s-min=7.9km az=140.0

ISC 18 12:17:07.5 3.8, 6.13S:148.72E, h59km, 35km, mb4.0/4, mb1.4, 4.5, mb1mx3.9/12, ML4.7/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/12, Error ellipse: s-maj=52.3km s-min=16.1km

ISC 18 12:17:05.2 1.3, 6.15S:0.2, 148.7E, 0.1, h56km, 13km, n16, c0578/18, mb4.2/5, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KMBE, WAU, PMG, CTA, CTAO, WRAB, WB2, WRA, ASAR, ASPA, FITZ, STKA, KLB, ILAR.

TRN 18 12:24:18.8, 16.94N, 61.15W, h35km, MD3.5, 1D, Leeward Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DEG, SEG, BPA, BPA, CPB, MGG.

ISC 18 12:37:29.9 1.9, 23.83N:93.17E, mb4.0/4, mb1 4.1/5, mb1mx3.8/19, ML3.1/1, Error ellipse: s-maj=74.3km

NEIC 18 12:37:36.3 0.9, 23.87N:93.31E, h41km, 11km, mb4.6/1, Error ellipse: s-maj=20.3km s-min=6.8km az=160.0

ISC 18 12:37:36.6 1.4, 23.83N:93.02E, 0.7, h74km, 15km, n22, c0596/32, mb4.0/5, C, Myanmar-India border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like IMP, AGT, SHL, CMAR, PKI, KKN, KKN, DMN, DMN, DMN, GKN, GKN, KOLD, KOLD, KOLD, MKAR, MKAR, SONM, WRA, WRAB, WB2, ASPA, ASAR.

NEIC 18 12:39:20.8, 38.01N, 118.66W, h6km, ML3.4 (REN), MW3.5 (BRK), 1D, After REN., California-Nevada border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MNV, MTUM, TPB, CMB, DAC, DAC, TPNV, LRV, SAO, OHCM, OHCM, BNC, LKC, NSHH, HOPS, MWC, ELK, WDC, MOD, LDFC, ARUT, PFO, YBH, DUG, DUG.

Table with columns: MSU, Marysvalle, 5.14 82 Pn, 12 40 39.5 -0.7, etc.

ISC 18 12:44:23.4 7.5, 5.07S:149.60E, mb4.0/4, mb1 4.2/5, mb1mx3.8/13, ML3.6/1, Error ellipse: s-maj=115.0km

NEIC 18 12:44:34.0 1.3, 5.49S:149.56E, h64km, 20km, mb3.9/2, Error ellipse: s-maj=30.8km s-min=13.1km az=122.0

ISC 18 12:44:32.8 1.9, 5.55S:0.2, 149.5E, 0.3, h69km, 26km, n13, c0549/13, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KMBE, RAB, CTA, CTAO, WRAB, WB2, WRA, ASAR, FITZ, STKA.

BGS 18 12:51:49.1 2.0, 4.09N:0.27W, h13km, 148km, mb5.3

STR 18 12:52:15.1 1.3, 4.278N:1.60W, h2km, 1km, M15.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 18 12:52:15.6 0.5, 4.291N:1.54W, mb4.4/17, mb1 4.6/25, mb1mx4.6/29, ML4.5/8, MS3.8/13, Ms1 3.8/13, ms1mx3.6/25, Error ellipse: s-maj=14.9km s-min=10.6km

CSEM 18 12:52:16.4, 42.81N:1.46W, h10km, mb4.8, IAG 18 12:52:16.2, 42.77N:1.49W, h12km, Mw4.5, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mn=-5.03; Mw=5.29; Mx=0.26; My=1.45; Mz=2.26; Mrr=3.44; Best double couple: M=6.77x10^15 NP1:266, delta=88, lambda=230, NP2:133, delta=1, lambda=62. Principal axes: T:6.84, P1g13, Azm24; N:-15, P1g23; Azm300; P:-6.69, P1g63; Azm87.

NEIC 18 12:52:16.5 0.6, 42.88N:1.52W, h1km, 4km, mb4.8/38, ML5.3(STR), ML5.2(LDG), MN4.6(MDD), Error ellipse: s-maj=3.4km s-min=2.4km az=151.0

NEIC 18 12:52:16.5 0.1, 42.93N:1.63W, h11km, MW4.5/18, Moment Tensor Solution, Body waves: s18,c22; Duration: 1s0 Moment tensor: Scale 10^15Nm; Mn=7.28; Mw=6.62; Mx=1.01; My=0.66; Mz=0.82; Mrr=55; Mxx=2.46; Myy=1.65; Mzz=67; Best double couple: M=7.62x10^15 NP1:123, delta=86, lambda=71; NP2:276, delta=7, lambda=109. Principal axes: T:7.51, P1g17, Azm20; N:22, P1g14, Azm289; P:-7.73, P1g76; Azm113; nsta1 refers to waves, cutoff=35s.

ZUR_RM 18 12:52:16.2, 42.88N:1.52W, h9km, Mw4.6/23, Moment Tensor Solution, s23 Moment tensor: Scale 10^15Nm; Mn=7.43; Mw=6.41; Mx=1.01; My=0.66; Mz=0.82; Mrr=55; Mxx=2.46; Myy=1.65; Mzz=67; Best double couple: M=9.47x10^15 NP1:289, delta=85, lambda=92; NP2:112, delta=26, lambda=87. Principal axes: T:9.394, P1g19, Azm20; N:154, P1g1, Azm289; P:-9.548, P1g70, Azm195.

HRVD 18 12:52:16.5 0.6, 42.96N:1.69W, h13km, 3km, MW4.7/41, Centroid moment Tensor Solution. LP body waves: s4,c4; Mantle waves: s41,c50; Half duration: 0 Moment tensor: Scale 10^16Nm; Mn=1.16; Mw=2.3; Mx=0.77; My=1.4; Mz=0.44; Mrr=50; Mxx=0.16; Myy=0.8; Mzz=1.01; Best double couple: M=1.34x10^16 NP1:360, delta=20, lambda=66; NP2:215, delta=72, lambda=98. Principal axes: T:93, P1g27, Azm311; N:82, P1g8, Azm218; P:-1.74, P1g62; Azm113; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 18 12:52:16.0 1.1, 42.98N:1.59W, h15km, mb4.8/20 Error ellipse: s-maj=16.6km s-min=5.2km az=52.6

IGIL 18 12:52:16.5, 42.80N:1.30W, h24km, ML4.3, LDG 18 12:52:17.8 0.1, 42.88N:1.52W, h2km, ML4.7/3, M15.2/47, ms3.4/7, Error ellipse: s-maj=2.5km s-min=1.5km az=145.0

INMG 18 12:52:17.9 1.3, 42.86N:1.44W, h7km, 4km, ML4.5, Error ellipse: s-maj=2.9km s-min=2.5km az=34.0

MDD 18 12:52:18.1 0.2, 42.85N:1.45W, h7km, 2km, mL4.5/46, Error ellipse: s-maj=1.9km s-min=1.6km az=149.0

ECAY FIZ IN URAG: V, FRAGA, VAGORE IV, V, BERRIOZAR S GORRAIZ I LABIANO MENDILORRI MUTILVA BAJA IV OTANO PAMPLONA UNCITI IV VILLABA ZUNZARREN III-IV AIN BURLADA HUARTE III-IV MONREAL III IN LUMBIER III IN OLAVE BETELU III ESA TAFALLA ZUBIRI II-III ANDOAIN BURGUETE ELIZONDO II-III ESTELLA LODOSA II NSA N BARBASSTO II CALATAYUD CAPARROSO GRAUS II HUESCA N LOGRO LO II PUEBLA DE N A II DONOSTIA-SAN N TOLOSA II TUDELA GASTEIZ

MDD EMS: V, AGOITZ S BEORTEGUI, ISC 18 12:52:14.1 0.3, 42.95N:0.01-1.60W, 0.01, h2km, 2km, n502, c1933/712, mb4.7/70, MS3.9/20, 3BC-20D, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EXPA, EALK, SJFF, SJFF, OSSF, LARF, LARF, ORDF, ORDF, ATE, ATE, ETSF, ETSF, FDFAF, FDFAF, FDFAF, REYF, REYF.

Table with columns: VIEF, Vief, 1.20 93 Pg, 12 52 36.9 -1.1, etc.

ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

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ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

ELAN Lanestosa 1.37 282 Pg Pg 12 52 45.1 +3.7

18d 13h

Table with columns: Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like HLID Hailey, JCT Junction City, SHL Shilling, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like EXPA Pamplona, SJPFF Ste Jean, EALK Alkuruntz, etc.

2004 SEP

Table with columns: Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like EGRA 129nm,0.3s,SNR=7.9, ELAN Lanestosa, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like SJPFF Ste Jean, EALK Alkuruntz, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like ETOR 12.55 54.2, EMIR Miracle, EPOB Poblet, etc.

LDG 18 13:03:15.6;0.6,42.90N;1.50W,h2km,Md2.0/2,Ml2.4/5, Error ellipse: s-maj=10.2km s-min=7.9km az=65.0

MDD 18 13:03:16.5;0.5,42.87N;1.40W,h5km,6km,mBLg1.9/10, Error ellipse: s-maj=4.0km s-min=3.1km az=59.0,PRXIMO AftershockPLICA

ISC 18 13:03:14.1;0.7,42.90N;0.04x1.44W;0.05,h12km,4km, n16,r125/24,Pyrenees

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like SJPFF Ste Jean, EALK Alkuruntz, etc.

STR 18 13:07:37.1;0.2,42.87N;1.56W,h5km,1km,Ml2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 18 13:07:38.8;0.5,42.91N;1.49W,h2km,Md1.9/2,Ml2.1/5, Error ellipse: s-maj=8.5km s-min=6.8km az=31.0

MDD 18 13:07:39.6;0.4,42.87N;1.40W,h6km,5km,mBLg1.6/10, Error ellipse: s-maj=3.5km s-min=2.6km az=43.0,PRXIMO AftershockPLICA

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, I, S, C. Includes stations like SJPFF Ste Jean, EALK Alkuruntz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ETSF, Labassere, EGRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ELAN, EGRA, SALF, etc.

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

STR 18 13:08:13.9.0.0, 42.85N, 1.47W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 18 13:12:46.0.0.6, 42.90N, 1.56W, h2km, M12.2/5, Error ellipse: s-maj=10.3km s-min=9.5km az=34.0

LDG 18 13:17:56.8.0.3, 42.85N, 1.50W, h2km, M2.3/2, M12.3/5, Error ellipse: s-maj=5.8km s-min=4.3km az=45.0

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

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

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

LDG 18 13:09:21.0.0.5, 42.90N, 1.49W, h2km, M12.3/5, Error ellipse: s-maj=8.9km s-min=7.4km az=59.0

STR 18 13:13:15.4.0.6, 42.91N, 1.48W, h2km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 18 13:17:56.8.0.3, 42.85N, 1.50W, h2km, M2.3/2, M12.3/5, Error ellipse: s-maj=5.8km s-min=4.3km az=45.0

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

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

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

MDD 18 13:19:27.6:0.4, 42.86N-1.41W, h4km, 4km, mBLg2.3/13, Error ellipse: s-maj=3.2km s-min=2.1km az=37.0, AftershockPLICA PRXIMO

ISC 18 13:19:25.1:0.6, 42.84N-0.03:1.51W:0.04, h2km, 4km, n41, r130/62, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Ste Jean, EALK, EGRA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Ste Jean, EALK, EGRA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Esparros, ESAC, ELAN, etc.

STR 18 13:31:28.9:0.2, 42.88N-1.53W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 18 13:31:20.7:0.8, 42.90N-1.41W, h14km, 29km, mBLg1.6/4, Error ellipse: s-maj=8.0km s-min=3.9km az=20.0, AftershockPLICA PRXIMO

ISC 18 13:31:27.9:0.8, 42.84N-0.04:1.52W:0.05, h14km, n11, r0571/16, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Alkurruntz, LARF, etc.

LDG 18 13:35:39.4:0.4, 42.85N-1.57W, h2km, M12.8/10, Error ellipse: s-maj=6.1km s-min=4.4km az=52.0

STR 18 13:35:40.2:0.3, 42.84N-1.50W, h4km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 18 13:35:41.2, 42.84N-1.42W, M2.8(LDG), M2.4(STR), M2.3(MDD), After MDD.

MDD 18 13:35:41.6:0.3, 42.87N-1.43W, h6km, 3km, mBLg2.2/16, Error ellipse: s-maj=2.8km s-min=2.0km az=30.0, AftershockPLICA PRXIMO

ISC 18 13:35:39.6:0.4, 42.88N-1.49W:0.02, h14km, 2km, n61, r1929/116, 3C, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Ste Jean, EALK, LARF, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like Les Forges d'A, Etsaut, Montagne du Re, etc.

LDG 18 14:05:35.0,4.0,5, 42.87N, 1.52W, h2km, Md2, 1/2, M12, 3/5, Error ellipse: s-maj=8.1km s-min=9.9km az=58.0

STR 18 14:05:35.0,0.3, 42.85N, 1.51W, h5km, 1km, M12, 4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 18 14:05:36.6,0.5, 42.88N, 1.43W, h5km, 5km, mBLg1, 9/11, Error ellipse: s-maj=3.6km s-min=2.8km az=37.0

Aftershock PLICA PRXIMO ISC 18 14:05:34.0,0.6, 42.87N, 0.03, 1.51W, 0.04, h10km, 4km, n23, r1525/36, Pyrenees

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Ste Jean, Alkuruntz, Larrau, Ordriarp, Arette, Les Forges d'A, etc.

LDG 18 14:05:52.4,0.7, 55.54S, 26.16W, mb4.5/6, mb1 4.6/6, mb1mx4.3/12, MS4.4/7, Ms1 4.3/7, ms1mx4.2/16, Error ellipse: s-maj=42.5km s-min=21.0km az=48.0

NEIC 18 14:06:02.2,1.5, 55.57S, 26.51W, h73km, 16km, mb4.6/8, Error ellipse: s-maj=16.2km s-min=8.2km az=46.0

ISC 18 14:06:01.5,3.4, 55.55S, 0.09, 26.5W, 0.2, h88km, 33km, n40, r0594/26, mb4.7/13, 6C-2D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, Sanae, Palmer Station, etc.

SONM Songino Array 150.29 85 PKPbc PKPdf 14 25 43.9 +8.0

MDD 18 14:06:17.2,0.6, 42.86N, 1.39W, h1km, 10km, mBLg1, 7/11, Error ellipse: s-maj=4.7km s-min=3.1km az=54.0

Aftershock PLICA PRXIMO LDG 18 14:06:18.9,0.9, 42.95N, 1.39W, h2km, Md2, 0.2, M12, 1/5, Error ellipse: s-maj=13.1km s-min=6.5km az=61.0

ISC 18 14:06:14.7,0.8, 42.78N, 0.05, 1.45W, 0.06, h1km, n14, r1518/16, Pyrenees

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Ste Jean, Larrau, Ordriarp, Arette, Les Forges d'A, etc.

BJI 18 14:13:09.2, 15.21N, 147.14E, h60km, mb4.7, Ms4.4, r24, 6

MOS 18 14:13:10.6, 2.0, 15.58N, 146.51E, h33km, mb4.6/4, Error ellipse: s-maj=32.6km s-min=15.8km az=111.9

NEIC 18 14:13:16.8, 0.2, 15.52N, 146.26E, mb4.7/24, Error ellipse: s-maj=8.5km s-min=5.9km az=106.0

IDC 18 14:13:16.3, 0.5, 15.53N, 146.29E, h57km, 4km, mb4.2/18, mb1 4.4/18, mb1mx4.3/23, MS3.7/5, Ms1 3.7/5, ms1mx3.3/29, Error ellipse: s-maj=20.5km s-min=10.1km az=105.0

ISC 18 14:13:15.7, 0.7, 15.47N, 0.04, 146.29E, 0.06, h65km, 2km, n60km, 1.2km, r1507/77, mb4.5/47, 3C-7D, Mariana Islands

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

SONM Songino Array 46.03 323 P P 14 21 34.1 -0.5

GTA Gaotai 47.00 310 eP AMB AMB 14 21 44.4 +2.0

STKA Stephens Creek 47.29 185 eP P 14 21 44.0 -0.8

STKA Stephens Creek 47.29 185 P P 14 21 44.4 -0.4

ZAK Zakamski 49.08 325 eP P 14 22 00.6 +2.2

FOR Forrest 49.21 201 eP P 14 21 59.9 -0.2

TOO Toolang 52.76 181 eP P 14 22 27.1 +0.6

UNV Unalakula Valley 53.01 33 eP P 14 22 27.3 -0.8

MUN Munding 55.29 211 eP P 14 22 44.1 -1.0

TIXI Tikisi 57.12 354 eP Pmax 14 22 56.9 -0.8

PKI Pulchoki 57.42 293 eP P 14 22 59.1 -1.2

KKN Kakani 57.52 293 eP P 14 23 00.7 -0.4

DMN Daman 57.68 293 eP P 14 23 01.7 -0.5

GKN Gorkha 58.09 294 eP P 14 23 04.4 -0.6

KOLN Koldanda 59.01 293 eP P 14 23 10.5 -0.9

MKAR Makanchi Array 61.12 315 P P 14 23 24.4 -1.1

MKAR Makanchi Array 61.12 315 iP Pmax 14 23 24.4 -1.2

MKAR Makanchi Array 61.12 315 P LR LR 14 23 24.4 -1.1

MKAR Makanchi Array 61.12 315 P LR LR 14 48 53.5

MKAR Makanchi Array 61.12 315 P LR LR 14 23 40.0 -2.0

MKAR Makanchi Array 61.12 315 P LR LR 14 23 48.5 -1.1

MKAR Makanchi Array 61.12 315 P LR LR 14 23 49.5 -0.8

MKAR Makanchi Array 61.12 315 P LR LR 14 23 55.1 -1.6

ILAR Eielson Array 66.29 25 P P 14 23 56.9 -2.2

ILAR Eielson Array 66.29 25 P P 14 24 13.6 -3.0

AAK Ala-Archa 66.35 310 eP Pmax 14 23 58.7 -1.2

AAK Ala-Archa 66.35 310 eP Pmax 14 23 58.7 -1.2

DAWY Dawy 69.35 27 eP P 14 24 17.7 -0.5

ZRNK Zerenda 70.16 321 eP P 14 24 20.2 -3.1

INK Inuvik 72.11 23 P P 14 24 34.1 -0.7

INK Inuvik 72.11 23 P P 14 24 50.4 -2.2

INK Inuvik 72.11 23 P P 14 24 33.9 -0.8

DLBC Dease Lake 73.67 33 P P 14 24 54.8 -1.7

DLBC Dease Lake 73.67 33 P P 14 24 44.8 +0.8

DLBC Dease Lake 73.67 33 P P 14 24 59.9 -1.9

DLBC Dease Lake 73.67 33 P P 14 24 59.9 -1.9

DLBC Dease Lake 73.67 33 P P 14 24 59.9 -1.9

LDG 18 14:19:45.7, 0.3, 42.89N, 1.50W, h2km, Md2, 9/2, M13, 2/13, Error ellipse: s-maj=5.7km s-min=3.6km az=52.0

STR 18 14:19:45.8, 0.9, 42.90N, 1.47W, h5km, 1km, M13, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 18 14:19:46.2, 42.86N, 1.36W, ML3.2(LDG), ML3.1(STR), MN2.6(MDD), After MDD

MDD 18 14:19:46.5, 0.3, 42.87N, 1.43W, h6km, 3km, mBLg2, 6/21, Error ellipse: s-maj=2.6km s-min=1.9km az=36.0

Aftershock PLICA PRXIMO ISC 18 14:19:44.4, 0.4, 42.91N, 0.02, 1.49W, 0.02, h14km, 2km, n71, r1536/131, 1C, Pyrenees

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

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

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

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

Table with columns: ORDF, ATE, ETSF, FDFAF, etc. containing station names, coordinates, and status indicators.

Table with columns: EIBI, EIBI, EIBI, etc. containing station names, coordinates, and status indicators.

Table with columns: ATE, ATE, ATE, etc. containing station names, coordinates, and status indicators.

Technical text block containing station identifiers and coordinates: IDC 18 14:29:15.1... 1.3, 2.99N, 74.52W, mb4.2/5, mb1 4.5/5...

Technical text block containing station identifiers and coordinates: GUC 18 14:29:34.0... 3.4, 12S, 70.06W, h6km, MD3.9, ML3.0, BC-4D, Chile-Argentina border region...

Technical text block containing station identifiers and coordinates: IDC 14:37:01.3... 0.6, 3.49S, 135.63E, mb4.7/12, mb1 4.8/15, mb1mx4.8/17, ML4.5/1, MS4.2/9, Ms1 4.2/9, ms1mx3.9/19, Error ellipse: s-maj=31.3km s-min=13.1km az=79.0...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC, containing station data.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC, containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, etc.

JMA 18 16:48:29.0, 2.23, 95N, 122.01E, h77km, M2.7

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

SSNC 18 16:49:03.2, 3.1, 20.12N, 72.90W, h50km, 89km, MD3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASC Masc, MOAC Moa, RCC Rio Carpintero, etc.

IDC 18 17:44:31.7, 45.0, 15.47S, 163.31E, mb3.6/3, mb1 3.8/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 18 17:55:28.4, 2.4, 2.75S, 129.22E, mb3.8/2, mb1 4.1/4

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

ISK 18 17:56:07.7, 36.95N, 27.96E, h17km, MD3.4

ATH 18 17:56:08.6, 36.89N, 27.89E, h20km, 4km, MD3.3/6

NEIC 18 17:56:09.2, 36.85N, 27.89E, h17km, MD3.3(ATH), After ATH

ISC 18 17:56:07.7-0.7, 36.91N, 0.03-27.96E, 0.04, h11km, 5km

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

MEX 18 18:06:44.6, 0.7, 15.88N, 97.60W, h16km, 45km, MD3.7

Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, PNHG Vista Hermosa, VHO Vista Hermosa

MEX 18 18:09:51.2, 0.4, 16.13N, 95.66W, h73km, 8km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, CMIG Matias Romero, CMHG Vista Hermosa, VHO Vista Hermosa

NEIC 18 18:45:24.1, 38.75N, 22.82E, h32km, ML2.8(ATH), After ATH

ATH 18 18:45:24.1, 38.75N, 22.82E, h32km, 9km, MD2.8/7, ML2.8

THE 18 18:45:25.5, 38.78N, 22.78E, h5km, ML2.8

ISC 18 18:45:24.0-4.0, 37.85N, 0.05-22.77E, 0.07, h30km, 10km, n10, 0.656/16, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGG Agios Georgios, AEO Neokhori, XEO Xorichiti, etc.

LDG 18 19:06:01.5, 0.6, 42.88N, 1.49W, h2km, Md2.4/2, M1.7/3

Error ellipse: s-maj=11.0km s-min=7.7km az=56.0

MDD 18 19:06:02.3, 0.5, 42.86N, 1.40W, h6km, 7km, mblg1.2/5

Error ellipse: s-maj=4.2km s-min=2.7km az=41.0

AfterShock PLICA PRXIMO

ISC 18 19:05:59.9-0.7, 42.82N, 0.04-1.45W, 0.05, h62km, n13, 0.956/20, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJPF Ste Jean, EALK Alkuruntz, EALK Larrau, etc.

WEL 18 19:20:12.6, 1.0, 35.22S, 178.94E, h28km, 10km, ML5.0/11

Error ellipse: s-maj=9.1km s-min=8.6km az=8.0

NEIC 18 19:20:14.3, 35.25S, 178.88E, h208km, mb4.8/18, After WEL

IDC 18 19:20:14.0, 1.7, 35.06S, 178.78E, h189km, 15km, mb4.6/8, mb1 4.7/10

mb1mx4.6/13, MS3.4/1, Mst 3.4/1, ms1mx2.9/18, Error ellipse: s-maj=19.7km s-min=13.6km az=177.0

SYO 18 19:20:14.3, 35.25S, 178.88E, h208km, MB4.5

ISC 18 19:20:15.3, 0.7, 35.44S, 0.05, 178.69E, 0.09, h219km, 5km, n170, 0.162/161, mb4.6/24, 15C-3D, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MARZ Manawaha, MWZ Matawai, etc.

URZ 18 19:20:15.3, 0.7, 35.44S, 0.05, 178.69E, 0.09, h219km, 5km, n170, 0.162/161, mb4.6/24, 15C-3D, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OUZ Omahuta, MGZ Maungaku, MGZ Maungaku, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Saint Gilles, Adamuz, Signal de Mont, Mazaricos, Castelo Branco, etc.

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

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

JMA 18 20:11:40.9, 0.1, 24.96N, 122.37E, h32km, M2.0
TAP 18 20:11:41.1, 24.77N, 122.25E, h4km, 1km, ML2.9, Taiwan

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

WAR 18 20:36:01.1, 50.37N, 18.88E, ML2.4, Mining Induced
PRU 18 20:36:02.4, 50.33N, 18.82E
ISC 18 20:36:00.2, 0.7, 50.14N, 0.06, 15.18E, 0.04, n8, 0.084/12, Poland

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

NIED 18 20:39:00, 44.30N, 151.40E, h62km, Mw4.5 Best double couple: M7, 1x10^15 NP1, phi=99, delta=64, lambda=59. NP2, phi=224, delta=33, lambda=137.
IDC 18 20:39:17.5, 0.6, 43.93N, 151.66E, mb4.1/15, mb1.4/3.1/6, mb1mx4.2/25, ML3.8/1, MS2.3/1, Ms1.2/4.1, ms1mx1.8/34, Error ellipse: s-maj=18.7km s-min=15.5km az=113.0
BJI 18 20:39:20.5, 44.35N, 151.27E, h7km, mb4.7, mb4.5, Ms4.2, Ms4.1
SKHL 18 20:39:23.6, 1.3, 43.70N, 151.00E, h80km, 19km, mb4.8/3, ms4.1/3
NEIC 18 20:39:23.5, 0.3, 43.98N, 151.63E, h40km, mb4.5/21, Error ellipse: s-maj=9.4km s-min=7.4km az=163.0
MOS 18 20:39:25.2, 1.9, 44.04N, 151.05E, h57km, mb4.6/10, Error ellipse: s-maj=16.0km s-min=10.5km az=126.1
ISC 18 20:39:21.2, 0.4, 44.01N, 0.06, 151.26E, 0.06, h33km, (h40km, 2.2km, pp-P), n92, phi=39/90, mb4.4/40, MS4.0/6,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OKH, MAJO, KLR, MDJ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES, SANT, BDFB, PLCA, CPUP, VNA2, VNA3, VNA1.

NIED 18 20:46:00, 40.80N, 143.30E, h26km, Mw4.7. Best double couple: M1: 0.8x10^16 N P1: 37, 874, 110. N P2: 164, 825, 140.

JMA 18 20:46:41.0, 40.1, 40.81N, 143.25E, h16km, M4.8. JMA Feil J1.

MOS 18 20:46:42.4, 0.9, 40.80N, 143.27E, h44km, mb4.5/15, Error ellipse: s-maj=15.8km s-min=7.9km az=103.4.

BUI 18 20:46:43.2, 40.75N, 142.87E, h34km, mb5.0, mb4.8, Ms4.4, Ms2.2.

IDC 18 20:46:44.4, 2.1, 40.81N, 143.14E, h43km, 19km, mb4.0/16, mb1.4/2.18, mb1mx4.1/25, ML3.8/2, MS4.0/11, Ms1.4/0.11, ms1mx3.6/38, Error ellipse: s-maj=20.3km s-min=12.2km az=97.0.

NEIC 18 20:46:45.2, 1.0, 40.82N, 143.04E, h45km, 8km, mb4.9/36, MS4.6/1, MW4.7(NIED), Error ellipse: s-maj=9.8km s-min=6.9km az=117.0.

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

HRVD 18 20:46:45.2, 1.2, 40.75N, 143.27E, h39km, 2km, MW4.8/29, Centroid moment Tensor solution. LP body waves: s8, c9; Mantle waves: s29, c38; Half duration: 0. Moment tensor: Scale 10^16Nm; Mr1: 6.5, 27; Mw: 0.56, 16; Mw: 1.10, 17; Mw: 0.35, 12; Mw: 0.42, 06; Mw: 0.69, 10; Best double couple: M1: 6.8x10^16 N P1: 20, 209, 831, 91. N P2: 28, 28, 359, 859. Principal axes: T1: 84, P1: 76, Azm296; N1: -33, P1: 07, Azm238; P1: -52, P1: 14, Azm118; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 18 20:46:42.2, 0.5, 40.79N, 143.29E, 0.05, h37km, 3km, n154, 0.11/167, mb4.7/58, MS4.2/18, 14C-7D, Off east coast of Honshu

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like JEM, JTH, JANG, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like MDJ, KLR, K15, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like CMAR, KURK, SHK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHC Kasperske Hory, GERES GERESS Array B, MZLS Milze, HILS Ha'il, etc.

NEIC 18 20:50:33.9, 38.00N-118.68W, h6km, ML3.5(REN), 1D, After REN., California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OMM Old Mammoth Mi, MNV Mina, MTUM Tungsten Hills, etc.

LDG 18 20:56:34.9, 0.6, 42.90N, 1.49W, h2km, Md2, 1/2, M11, 9/6, Error ellipse: s-maj=10.0km s-min=6.9km az=50.0

STR 18 20:56:34.1, 0.4, 42.84N, 1.49W, h5km, 1km, MD3, 2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 18 20:56:35.6, 0.5, 42.69N, 1.42W, h7km, 5km, mblg1, 4/7, Error ellipse: s-maj=4.0km s-min=2.6km az=39.0

Aftershock/PLICA PRXIMO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJPF Ste Jean, EALK Alkurruntz, LARF Larrau, etc.

0.6nm, 0.2s MFF Saint Martin d 3.88 14 ePn Pn 20 57 32.8 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YER Yerkesik, MLBS Milas, DALG Dalgan (Mudla), etc.

IDC 18 21:02:04.1, 1.6, 21.06S-173.52W, mb3.8/3, mb1 4.1/4, mblmx3.9/1.6, ML4.1/1, Error ellipse: s-maj=99.5km s-min=31.7km az=171.0, Tonga Islands

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

STR 18 21:05:46.9, 0.0, 43.36N, 0.72W, h10km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 18 21:05:47.9, 0.5, 42.85N, 1.41W, mblg1.5/2, 1C, Error ellipse: s-maj=4.7km s-min=2.9km az=70.0

Aftershock/PLICA PRXIMO, Pyrenees

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

BJI 18 21:15:07.0, 48.67N, 154.61E, h64km, mb4.7, mb4.7

MOS 18 21:15:07.7, 1.6, 49.06N, 155.18E, h88km, mb4.0/14, Error ellipse: s-maj=13.6km s-min=7.3km az=84.7

KRSC 18 21:15:07.7, 4.1, 48.58N, 156.82E, h60km, 21km, ML4.4

IDC 18 21:15:09.0, 3.0, 49.28N, 154.92E, h73km, 30km, mb3.9/2.0, mb1 4.1/2, mblmx1.0/3.1, MS3.1/2, M1.3/1.2, ms1mx2.7/3.1, Error ellipse: s-maj=32.0km s-min=13.0km az=168.0

NEIC 18 21:15:10.5, 1.3, 49.26N, 154.88E, h89km, 11km, mb4.3/22, Error ellipse: s-maj=13.4km s-min=6.7km az=155.0

ISC 18 21:15:08.3, 0.8, 49.03N, 0.06, 155.07E, 0.09, 9h1km, 5km, n144, e1905/163, mb4.3/58, 1C-3D, Kuril Islands

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

KBTR Krutoberegovo 8.59 30 eP P 21 17 09.7 -1.9

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

IDC 18 21:02:04.1, 1.6, 21.06S-173.52W, mb3.8/3, mb1 4.1/4, mblmx3.9/1.6, ML4.1/1, Error ellipse: s-maj=99.5km s-min=31.7km az=171.0, Tonga Islands

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

STR 18 21:05:46.9, 0.0, 43.36N, 0.72W, h10km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 18 21:05:47.9, 0.5, 42.85N, 1.41W, mblg1.5/2, 1C, Error ellipse: s-maj=4.7km s-min=2.9km az=70.0

Aftershock/PLICA PRXIMO, Pyrenees

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

BJI 18 21:15:07.0, 48.67N, 154.61E, h64km, mb4.7, mb4.7

MOS 18 21:15:07.7, 1.6, 49.06N, 155.18E, h88km, mb4.0/14, Error ellipse: s-maj=13.6km s-min=7.3km az=84.7

KRSC 18 21:15:07.7, 4.1, 48.58N, 156.82E, h60km, 21km, ML4.4

IDC 18 21:15:09.0, 3.0, 49.28N, 154.92E, h73km, 30km, mb3.9/2.0, mb1 4.1/2, mblmx1.0/3.1, MS3.1/2, M1.3/1.2, ms1mx2.7/3.1, Error ellipse: s-maj=32.0km s-min=13.0km az=168.0

NEIC 18 21:15:10.5, 1.3, 49.26N, 154.88E, h89km, 11km, mb4.3/22, Error ellipse: s-maj=13.4km s-min=6.7km az=155.0

ISC 18 21:15:08.3, 0.8, 49.03N, 0.06, 155.07E, 0.09, 9h1km, 5km, n144, e1905/163, mb4.3/58, 1C-3D, Kuril Islands

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

455

Table with columns for flight codes (e.g., YUK, YSS, YVV), destinations (e.g., E, 120nm, 0.4s), status (e.g., pmax, pmax), and times (e.g., 22 11 35.0 +2.0).

2004 SEP

Table with columns for flight codes (e.g., ZEA, JAW, JAW, JAW), destinations (e.g., Z, 56nm, 1.4s), status (e.g., AMB, AMB), and times (e.g., 22 13 49.3).

18d 22h

Table with columns for flight codes (e.g., IMA, RSO, SPU), destinations (e.g., Indian Mountain, Redoubt South), status (e.g., eP, eP), and times (e.g., 22 16 00.9 +0.6).

Table of radio stations including call signs (e.g., CMAR, NLW, ARU), frequencies, and other technical details.

Table of radio stations including call signs (e.g., RSSD, NOA, ARS), frequencies, and other technical details.

Table of radio stations including call signs (e.g., LTX, BOYT, PRU), frequencies, and other technical details.

Table with columns: KAF, KANGASNIEMI, 76.32, 16, ep, P, 23 55 33.2 +0.1, etc. Lists various stations and their parameters.

Table with columns: BHB, BRICHERASIO, 84.21, 35, P, P, 23 56 15.8 +0.4, etc. Lists various stations and their parameters.

Table with columns: LZH, WARRANGUMA ARR, 115.19, 264, PKP, PKPdf, etc. Lists various stations and their parameters.

KMI	Kunming	56.39 305	eP	P	01 56 43.8 +0.2
KMI			S	SS	02 04 33.3 +5.7
KMI			SS	SS	02 02 28.5 +6.7
KMI	comp-Z,15nm,1.2s,mb4.9		AMB	AMB	
KMI			AMB	AMB	
KMI	comp-Z,7.9nm,5.5s		LR	LR	
KMI	comp-N,147nm,18.3s		LR	LR	
KMI	comp-E,178nm,16.8s		LR	LR	
KMI			LR	LR	
KMI	comp-Z,280nm,17.8s		LR	LR	
CMAR	Chiang Mai Arr	57.09 296	P	P	01 56 48.4 -0.3
CMAR	comp-Z,2.9nm,0.6s,mb4.5,baz=121,slow=5.1,SNR=18		LR	LR	02 21 32.2
HHC	Hu-ho-hao-te	58.91 325	eP	P	01 57 01.3 +0.2
HHC	comp-Z,15nm,0.8s,mb5.1		AMB	AMB	
HHC			AMB	AMB	
HHC	comp-Z,63nm,5.7s		LR	LR	
HHC	comp-N,175nm,19.0s		LR	LR	
HHC	comp-E,148nm,19.0s		LR	LR	
HHC			LR	LR	
HHC	comp-Z,237nm,19.0s		LR	LR	
LZH	Lanzhou	60.90 317	↑P	P	01 57 14.9 +0.2
LZH	comp-Z,41nm,1.3s,mb5.4		AMB	AMB	
LZH			LR	LR	
LZH	comp-N,193nm,12.9s		LR	LR	
LZH	comp-Z,294nm,16.8s		LR	LR	
HIA	Hailar	61.18 337	eP	P	01 57 15.2 -1.2
GTA	Gaota	65.36 318	P	P	01 57 44.8 +0.5
GTA	Songrio Array	66.27 329	P	P	01 57 48.6 -1.0
PKI	Pulchoki	71.76 301	eP	P	01 58 23.8 -0.1
PKI	comp-Z,63nm,1.6s,mb5.3				
PKI	Kakara	72.93 301	eP	P	01 58 24.5 -0.4
PKI	comp-Z,25nm,1.1s,mb5.0				
PKI	Daman	72.03 301	eP	P	01 58 25.6 +0.1
PKI	comp-Z,21nm,0.8s,mb5.1				
PKI	Gorkha	72.54 301	eP	P	01 58 28.2 -0.4
PKI	comp-Z,44nm,1.3s,mb5.0				
SBA	Scott Base	72.76 177	P	P	01 58 28.3 -0.6
SBA	comp-Z,10nm,1.3s,mb4.6				
KOLN	Koldanda	73.36 301	eP	P	01 58 30.3 -0.4
KOLN	comp-Z,18nm,1.0s,mb5.0				
HYB	Hyderabad	75.59 289	iP	P	01 58 47.0 +0.6
HYB	Hyderabad	75.59 289	eP	P	01 58 47.0 +0.6
SLKM	Skidlak Lake	79.79 25	eP	P	01 59 07.8 -1.0
MKAR	Makanchi Array	80.06 319	P	P	01 59 09.8 -0.8
MKAR	comp-Z,11nm,1.0s,mb4.7,baz=99,slow=6.4,SNR=32		LR	LR	02 34 52.3
MKAR	comp-Z,192nm,18.6s,baz=286,slow=36				
SML	Sawmill	81.24 25	eP	P	01 59 16.2 -0.3
IMA	Indian Moutai	81.50 20	eP	P	01 59 19.2 +1.5
IMA	comp-Z,18nm,0.8s,mb5.0				
MCK	McKinley	81.95 23	eP	P	01 59 18.4 -1.7
MCK	comp-Z,5.9nm,0.8s,mb4.6				
DIV	Divide	82.00 26	eP	P	01 59 20.7 +0.2
DIV	comp-Z,23nm,0.8s,mb5.0				
COLA	College	93.22 22	eP	P	01 59 25.1 0.0
COLA	comp-Z,6.0nm,0.8s,mb4.7				
ILAR	Eielson Array	83.24 22	eP	P	01 59 24.9 -1.8
ILAR	comp-Z,4.8nm,0.6s,mb4.7,baz=256,slow=4.6,SNR=53				
TKM2	Tokmak 2	83.55 314	P	P	01 59 29.6 +0.8
TKM2	SNR=2				
KURK	Kurchatov	83.57 322	eP	P	01 59 27.4 -1.3
KURK	comp-Z,22nm,1.1s,mb5.2				
CHMS	Chumysh	84.17 314	P	P	01 59 32.9 +1.0
CHMS	SNR=4				
UCH	Uchter	84.17 313	P	P	01 59 33.6 +1.7
UCH	SNR=11				
AAP	Ala-Archa	84.27 314	P	P	01 59 33.8 +1.4
AAP	SNR=5				
USK	Ospenovka	84.21 314	P	P	01 59 34.2 +1.1
USK	SNR=10				
QSPA	South Pole Qui	84.48 180	eP	P	01 59 32.5 -0.1
QSPA	comp-Z,11nm,1.1s,mb4.4				
MAW	Mawson	84.48 203	eP	P	01 59 28.2 -4.7
MAW	comp-Z,3.3nm,1.0s,mb4.4				
MAW	Mawson	84.48 203	P	P	01 59 32.7 -0.1
MAW	comp-Z,1.4nm,0.6s,mb4.3,baz=133,slow=5.1,SNR=7.2		LR	LR	02 34 15.6
MAW	comp-Z,225nm,20.1s,baz=56,slow=34				
AML	Almayashu	84.74 313	P	P	01 59 36.5 +1.7
AML	SNR=20				
EKSZ	Erkin-Say	84.79 314	P	P	01 59 36.3 +1.3
EKSZ	SNR=13				
DAWY	Dawson	85.90 24	eP	P	01 59 40.7 +0.8
DAWY	Borovyoye Array	89.07 323	P	P	01 59 53.8 -1.7
DAWY	comp-Z,8.9nm,0.8s,mb5.2,baz=108,slow=4.7,SNR=43				
BRVK	Borovyoye	89.14 323	eP	P	01 59 54.4 -1.4
BRVK	comp-Z,11nm,1.0s,mb5.0				
INK	Inuvik	89.52 21	eP	P	01 59 56.6 -0.6
INK	comp-Z,12nm,1.3s,mb5.0				
ZRNK	Zerenda	89.89 323	eP	P	01 59 58.0 -1.2
ZRNK	comp-Z,8nm,0.9s,mb5.0				
HUMO	Hull Mountain	90.32 47	eP	P	02 00 02.1 +0.5
HUMO	comp-Z,22nm,0.9s,mb5.5				
PGC	Sidney	90.74 41	eP	P	02 00 02.9 -0.6
PGC	comp-Z,36nm,0.8s,mb5.0				
BUOR	Burton Bute	90.81 48	P	P	02 00 04.9 +1.0
BUOR	Mount Fremont	91.73 43	P	P	02 00 08.6 +0.6
RPW	Rockport	92.00 42	eP	P	02 00 08.2 -1.0
MOD	Modoc	92.20 48	eP	P	02 00 10.8 +0.5
WRW	Wenatchee Ridg	92.36 42	P	P	02 00 11.2 +0.4
WRW	Table Mountain	92.48 43	P	P	02 00 12.0 +0.5
SLFW	Sugar Loaf	92.59 42	P	P	02 00 12.5 +0.5
ETWF	Entiat	92.70 43	P	P	02 00 12.9 +0.4
CBSW	Chelan Butte S	92.92 42	P	P	02 00 13.6 +0.1
WTV	Waterle	92.97 43	P	P	02 00 13.9 +0.2
EPH	Ephrata	93.18 43	P	P	02 00 15.1 +0.4
NVAR	Mina Array Bea	93.44 52	P	P	02 00 15.9 -0.2
NVAR	comp-Z,6.9nm,0.5s,mb5.1,baz=258,slow=4.0,SNR=16				
NVAR	comp-Z,462nm,19.3s,baz=310,slow=32		LR	LR	02 37 21.0
WVOR	Wild Horse Val	93.48 48	eP	P	02 00 16.3 +0.1
WVOR	comp-Z,14nm,1.0s,mb5.3				
MNV	Mina	93.56 52	eP	P	02 00 16.6 -0.1
MNV	comp-Z,19nm,1.3s,mb5.0				
OD2	Odesa Site #2	93.78 43	P	P	02 00 17.2 -0.1
DPW	Davenport	94.16 42	eP	P	02 00 19.4 +0.4
NEW	Newport	94.90 42	eP	P	02 00 22.1 -0.4
TPNV	Topopah Spring	94.97 53	eP	P	02 00 23.4 +0.5
TPNV	comp-Z,4nm,0.8s,baz=271,slow=3.0,SNR=22				
YKA	Yellowknife Ar	95.58 28	LR	LR	02 38 04.4
HLID	Halley	96.63 47	eP	P	02 00 30.8 +0.3
HLID	comp-Z,3.7nm,0.9s,mb4.8				
MCMT	McKenzie Canyon	97.77 46	eP	P	02 00 36.2 +0.6
IMW	Indian Meadow	99.15 47	eP	P	02 00 42.3 +0.4
MOOW	Moose Ponds	99.29 47	eP	P	02 00 42.7 +0.2
PDAR	Pinedale Array	100.19 48	eP	P	02 00 45.4 -1.3
PDAR	comp-Z,27nm,0.9s,mb5.0,SNR=22				
AKASG	Malin Array Be	114.35 324	PKP	PKP	02 05 39.4 +0.7
AKASG	comp-Z,0.8nm,0.4s,baz=49,slow=1.8,SNR=5.1				
BRTR	Keskin Array B	114.86 311	PKP	PKP	02 05 41.0 +1.0
BRTR	comp-Z,0.9nm,0.7s,baz=136,slow=1.5,SNR=6.3				
NORSA	NORSAR Array B	114.34 340	PKP	PKP	02 05 44.2 +0.4
NORSA	comp-Z,1.2nm,0.7s,baz=47,slow=1.7,SNR=3.9				
MLR	Muntele Rosu	118.41 319	PKP	PKP	02 05 47.9 +1.3
MLR	comp-Z,2.6nm,0.7s,baz=135,slow=4.3				
PRZ	Piszketo	121.05 324	PKP	PKP	02 05 52.2 +0.4
PRZ	comp-Z,2.4nm,0.8s,baz=271,slow=3.0,SNR=22				
VSAC	Vranov	122.18 327	PKP	PKP	02 05 55.2 +1.3
VSAC	comp-Z,0.7nm,0.4s,baz=66,slow=4.7,SNR=4.0				
BRG	Bergjieshubel	122.66 330	iP	PKP	02 05 56.5 +1.7
BRG	comp-Z,1.8nm,0.8s,baz=271,slow=3.0,SNR=22				
DIVS	Divcibare	122.83 320	iP	PKP	02 05 56.8 +1.5
CLL	Colim	122.86 330	iP	PKP	02 05 56.5 +1.4
KHC	Kavcanske Hory	123.90 328	ePKP	PKP	02 05 58.0 +0.8
GERES	GERES Array B	124.00 328	PKP	PKP	02 05 58.4 +0.9
GERES	comp-Z,4.9nm,0.7s,baz=74,slow=1.6,SNR=5.1				
GRAT	Grabenberg Arr	124.77 330	ePKP	PKP	02 06 00.6 +1.7
GRAT	comp-Z,1.8nm,0.8s,baz=271,slow=3.0,SNR=22				
WATA	Wattenberg	126.06 327	iP	PKP	02 06 03.1 +1.7
WATA	comp-Z,1.2nm,0.7s,baz=47,slow=1.7,SNR=3.9				
MOTA	Moosalm	126.30 328	iP	PKP	02 06 03.2 +1.3
SQTA	Sankt Quirin	126.32 327	iP	PKP	02 06 03.4 +1.5
EKA	Eskdalemuir Ar	126.33 342	PKP	PKP	02 06 01.1 -0.6
EKA	comp-Z,2.3nm,0.8s,baz=271,slow=3.0,SNR=22				
DAVA	Damuels	126.98 328	iP	PKP	02 06 05.0 +1.8

DAVOX	Davos	127.30 328	PKP	PKP	02 06 05.2 +1.4
DAVOX	comp-Z,6.2nm,0.7s,baz=117,slow=2.3				
DAVOX	Davos	127.30 328	PKP	PKP	02 06 05.2 +1.4
GIVF	Givet	127.13 334	ePKIP	PKP	02 06 05.7 +1.5
HINF	Hinterfeld	126.51 330	ePKIP	PKP	02 06 06.5 +1.0
HINF	comp-Z,14nm,0.9s				
HAU	Haudompre	128.29 331	ePKIP	PKP	02 06 06.9 +1.2
HAU	comp-Z,16nm,0.8s				
HAU			eR		
MEZF	Maizieres J vi	128.56 332	ePKIP	PKP	02 06 07.8 +1.6
MEZF	comp-Z,26nm,0.9s				
LPL	La Plagne	129.79 328	ePKIP	PKP	02 06 10.5 +1.9
LPL	comp-Z,17nm,0.8s				
LPG	La Plagne	129.79 328	ePKIP	PKP	02 06 10.5 +1.9
LPG	comp-Z,7.0nm,0.8s				
LOR	Lormes	130.00 332	ePKIP	PKP	02 06 10.5 +1.5
LOR	comp-Z,9.5nm,0.9s				
LOR			eR		
SSF	Saint Saule	130.32 332	ePKIP	PKP	02 06 12.0 +2.4
SSF	comp-Z,235nm,22.5s				
PGF	Plogio	130.42 324	ePKIP	PKP	02 06 10.8 +0.9
PGF	comp-Z,16nm,0.9s				
SBF	Signal de Mont	130.46 331	ePKIP	PKP	02 06 11.2 +1.3
SBF	Sospel	130.49 326	ePKIP	PKP	02 06 11.9 +1.9
SBF	comp-Z,19nm,1.0s				
AVF	Avril sur Leir	130.59 332	ePKIP	PKP	02 06 11.4 +1.3
ORIF	Oris-en-Rattie	130.64 328	ePKIP	PKP	02 06 11.8 +1.5
ORIF	comp-Z,8.5nm,0.7s				
ORIF			eR		
BGF	Bois d'agnan	131.00 332	ePKIP	PKP	02 06 12.6 +1.7
BGF	comp-Z,21nm,0.9s				
FRF	La Foret Royal	131.12 326	ePKIP	PKP	02 06 11.4 +0.2
VIVF	Saint-Julien-I	131.31 329	ePKIP	PKP	

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like GRG, DAVA, AGG, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like ELUO, LQ, ELOJ, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like PKI, KKN, KKK, etc.

CASC 19:03:02.01.8..2.2.13.19N-89.41W, h55km±18km, MD3.7, ML3.5, 1C-10D, El Salvador

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

IDC 19:03:26.747.0.15, 94.5S-176.00W, mb3.9/3, mb1 4.1/3, mb1mx3.9/13, Error ellipse: s-maj=876.0km s-min=174.7km az=78.0, Tonga Islands

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

NAO 19:03:09.53.2.3.5, 67.12N-20.49E, ML2.1 HEL 19:03:09.53.8.0.1, 67.18N-20.64E, ML1.9, ML2.6(UPP), ML1.7(BER), Explosion

BER 19:03:09.55.6.4.0, 67.14N-20.73E, ML1.7, ML2.1(NAO), Suspected explosion

ISC 19:03:09.59.0.4, 67.01N-0.03-20.53E-0.07, n28, s17/36, Sweden

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like DUNU, MASU, ERTU, etc.

IDC 19:03:21.05.5.54.0.20, 83S-175.81W, mb3.9/3, mb1 4.1/3, mb1mx3.8/13, Error ellipse: s-maj=1016.0km s-min=166.9km az=84.0, Tonga Islands

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

Table with columns: STKA, Stephens Creek, 39.50 245 P, P, 03 28 37.8 -1.8, ASAR Alice Springs, 46.44 257 P, P, 03 29 34.2 -1.8, WRA Warramunga Arr, 46.59 262 P, P, 03 29 35.6 -1.7

LDG 19 03:29:16.5:0.4, 42.86N:1.46W, h2km, Md2.3/2, Ml2.0/9, Error ellipse: s-maj=6.1km s-min=4.1km az=52.0, STR 19 03:29:16.5:0.1, 42.86N:1.48W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, MDD 19 03:29:17.6:0.5, 42.90N:1.43W, h11km, 1km, mBlg1.6/5, Error ellipse: s-maj=3.6km s-min=2.1km az=40.0, PRXIMO AftershockPLICA

ISC 19 03:29:14.9:0.0, 42.86N:0.03x1.48W:0.05, h11km, n24, az=135/46, 1C, Pyrenees

Main table for 467 containing station data for Stephens Creek, Alice Springs, Warramunga Arr, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

SVSA 19 03:30:53.5:0.5, 38.42N:30.49W, h10km, MD3.6, ML3.2, Error ellipse: s-maj=25.9km s-min=4.6km az=171.0, Azores Islands

Table for SVSA section listing stations like CALA, PICO, ROSA, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

WEL 19 03:40:01.1:0.2, 39.62S:176.80E, h46km, 4km, ML3.5/5, 1C-1D, Error ellipse: s-maj=2.4km s-min=1.1km az=90.0, North Island

Main table for 467 containing station data for Pawanui, Black Stump Fm, Takapari Road, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table for 467 containing station data for Paruwai Farm, Moikau Station, Makara Radio, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

BJJ 19 03:49:17.2:5.70S:149.90E, h102km, mB5.1, mb5.0, IUC 19 03:49:16.9:0.9, 5.66S:149.76E, h91km, 6km, mb4.4/13, mb1.4/4.14, mb1mx4.4/17, MS3.3/4, Mst1.3/3.4, ms1mx3.1/14, Error ellipse: s-maj=16.8km s-min=10.2km az=115.0

NEIC 19 03:49:21.3:0.6, 5.74S:149.90E, h102km, 5km, mb4.7/26, Error ellipse: s-maj=8.3km s-min=5.9km az=109.0

ISC 19 03:49:20.3:0.7, 5.73S:0.05x149.86E:0.07, h107km, 6km, n60, c=90.0, mb4.6/33, 2C-1D, New Britain region

Main table for 467 containing station data for Kimbe, Rabaul, Wau, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table for 467 containing station data for Samuel, Brasilia, Brasilia Array, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

NIED 19 03:52:00.24, 20N, 123.00E, h47km, Mw3.7, Best double couple: M0.41x10^14 NP1:phi94, delta1, 1.89; NP2:phi276, delta2, 1.92

JMA 19 03:52:02.7:0.1, 24.34N:123.01E, h47km, 1km, M3.7, IAP 19 03:52:03.0, 24.35N:122.86E, h24km, ML4.0, ISC 19 03:52:03.1:1.7, 24.34N:0.10x123.02E:0.09, h44km, 11km, n10, c=45/19, Southwestern Ryukyu Islands

Main table for 467 containing station data for Yonaguni jima, Iriomote-Funau, Hateru jima, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

LDG 19 03:53:11.1:0.6, 42.87N:1.44W, h2km, Md2.2/2, Ml1.7/5, Error ellipse: s-maj=11.0km s-min=7.4km az=53.0, MDD 19 03:53:11.5:0.6, 42.88N:1.38W, h4km, 6km, mBlg1.1/4, Error ellipse: s-maj=5.4km s-min=3.1km az=37.0, PRXIMO AftershockPLICA

ISC 19 03:53:10.0:0.1, 42.90N:0.05x1.37W:0.07, h4km, n10, az=142/18, Pyrenees

Main table for 467 containing station data for Ste Jean, Alkuruntz, Etsaut, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

NEIC 19 03:53:54.9, 32.99S:70.37W, h99km, MD3.1(GUC), After GUC, GUC 19 03:53:54.9:0.4, 32.99S:70.37W, h99km, 1km, MD3.1, ML3.5, 8C-6D, Chile-Antarctica border region

Main table for 467 containing station data for Peldehue, Farellones, Jahuel, etc. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

STR 19 03:58:09.7:0.2, 42.84N:1.50W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 19 03:58:10.2:0.4, 42.87N:1.47W, h2km, Md2.3/2, Ml2.1/10, Error ellipse: s-maj=6.7km s-min=4.6km az=55.0, MDD 19 03:58:11.0:0.4, 42.88N:1.42W, h7km, 4km, mBlg1.6/7, Error ellipse: s-maj=3.6km s-min=2.6km az=40.0, AftershockPLICA PRXIMO

ISC 19 03:58:08.4:0.6, 42.87N:0.03x1.46W:0.05, h7km, n23, az=155/45, Pyrenees

Table for 467 containing station data for Ste Jean. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

19d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH Lanzhou, QMKT Earthquake Lake, and various FM/AM stations.

2004 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like EKSZ Erkin-Say, LSZ Lusaka, and various FM/AM stations.

470

Table with columns for station name, frequency, power, and other technical details. Includes stations like COBT Iskenderun, ZLIF Elat, and various FM/AM stations.

Table with columns for station name, coordinates, and status. Includes stations like Copenhagen, Uludag, BRD, Vrioclasia, etc.

Table with columns for station name, coordinates, and status. Includes stations like WTTA Gemona, GMNA Moosalm, MOTA, etc.

Table with columns for station name, coordinates, and status. Includes stations like SMRF Simiane la Rot, FRF La Foret Royal, VLF Tavernes, etc.

Error ellipse: s-maj=2.1km s-min=1.9km az=163.0, PRXIMO AftershockPLICA ISC 19 05:40:21.1-0.3, 43.00N-0.02-1.54W, 0.02, h13km, 2km, m89, r139/169, 2C, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EXPA Pamplona, EALK Alkurruntz, SJPFF Ste Jean, etc.

Table with columns: ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc. Includes stations like ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc.

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

ASAR 0.1nm,0.3s,baz=350,slow=12,SNR=11 S S 05 59 43.6 -13
MKAR Makanchi Array 67.32 326 P P 06 03 26.6 -2.1

STR 19 06:07:40.9-0.0,42.84N-1.48W,h5km,1km,M2.3,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 19 06:07:41.1-0.3,42.86N-1.47W,h2km,Md2.5/2,Ml2.2/12, Error ellipse: s-maj=5.6km s-min=3.9km az=53.0

MDD 19 06:07:42.1-0.4,42.88N-1.43W,h8km,3km,mbLg1.7/9, Error ellipse: s-maj=3.4km s-min=2.6km az=55.0,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Ste Jean, Larrau, Osse, Arette, etc.

NEIC 19 06:09:43.8-0.5,38.85N,107.36W,h1km,ML3.5,3D, Error ellipse: s-maj=6.5km s-min=5.4km az=84.0,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Paradox Valley, Idaho Springs, Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Teton Pass, Moose Ponds, Indian Meadow, etc.

STR 19 06:17:38.0-0.2,42.84N-1.48W,h5km,1km,M2.3,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 06:17:39.0-0.4,42.87N-1.45W,h2km,Md2.4/2,Ml1.9/5, Error ellipse: s-maj=7.5km s-min=4.6km az=54.0

MDD 19 06:17:39.9-0.6,42.88N-1.40W,h7km,5km,mbLg1.2/6, Error ellipse: s-maj=4.6km s-min=3.2km az=55.0,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Ste Jean, Larrau, Alkuruntz, etc.

NEIC 19 06:18:50.1,15.79N,98.10W,h10km,MD3.9(MEX),After MEX.

MEX 19 06:18:50.8-0.9,15.94N,98.24W,h21km,33km,MD3.9,1D, Off coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Pinotepa, Vista Hermosa, Oaxaca, etc.

DJA 19 06:19:11.5-0.9,9.55S,115.55E,h9km,4km,MD5.1/4, ML4.5/2,3C-4D,Error ellipse: s-maj=16.5km

s-min=10.3km az=175.0, South of Ball

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Rata, Ingas, Kedomdong, etc.

LDG 19 06:23:25.8-0.4,42.90N-1.45W,h2km,Md2.5/2,Ml2.0/7, Error ellipse: s-maj=7.0km s-min=4.7km az=54.0

MDD 19 06:23:26.0-0.6,42.89N-1.39W,h3km,5km,mbLg1.3/6, Error ellipse: s-maj=4.7km s-min=3.2km az=61.0,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Ste Jean, Alkuruntz, Larrau, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Calviac, Saint Martin d, etc.

NEIC 19 06:33:03.2-3.2,16.63S,177.73W,h569km,38km,mb4.2/9, Error ellipse: s-maj=24.7km s-min=17.0km az=171.0

IDC 19 06:33:07.5-2.7,18.78S,177.87W,h614km,36km,mb3.5/7, mb1.3/7.8,mb1mx3.5/15, Error ellipse: s-maj=36.3km

s-min=12.6km az=153.0

ISC 19 06:33:04.0-1.2,18.7S,0.2x177.8W,0.1,1,h595km,13km, n27,0.92/23,mb4.0/15,1D,Fiji Islands Region

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

INMG 19 06:41:46.8-1.1,36.72N,7.67W,h18km,4km,ML1.9,Error ellipse: s-maj=6.4km s-min=4.6km az=105.0

MDD 19 06:41:46.2-1.3,36.68N,7.58W,h28km,8km,mbLg2.2/12, 1D, Error ellipse: s-maj=10.1km s-min=6.3km az=29.0,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Piedras, Oaxaca, Ciudad Serdan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ECAL, ETOR, WMO, MK31, GTA, and WMO.

NEIC 19 06:58:04.2, 38.01N, 118.68W, h7km, MW3.9(BRK), 2C-1D, After NCEDC, California-Nevada border region

Main table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OMM, MNV, MTUM, TPW, CMB, WCN, PAHR, DAC, etc.

STR 19 07:04:47.6:0.7, 42.83N, 1.57W, h5km, 1km, M2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 07:04:48.5:0.3, 42.86N, 1.50W, h2km, M2.5/2, M2.4/11, Error ellipse: s-maj=5.9km s-min=3.7km az=51.0

MDD 19 07:04:50.1:0.4, 42.87N, 1.41W, h8km, 2km, mBlg1.8/11, Error ellipse: s-maj=3.5km s-min=2.6km az=59.0

AftershockPLICA PRXIMO, Pyrenees

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJPF, LARF, EALK, OSSF, etc.

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EPOB, LFF, EMOS, MTLF, etc.

STR 19 07:07:15.7:0.1, 43.37N, 0.69W, h10km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 07:07:16.0:0.4, 42.87N, 1.48W, h2km, M2.4/2, M2.3/12, Error ellipse: s-maj=6.2km s-min=4.3km az=56.0

MDD 19 07:07:17.4:0.6, 42.88N, 1.41W, h11km, 1km, mBlg1.7/9, Error ellipse: s-maj=4.3km s-min=2.9km az=51.0

AftershockPLICA PRXIMO, Pyrenees

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJPF, EALK, LARF, etc.

STR 19 07:11:17.1:1.5, 42.88N, 1.59W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 07:11:18.6:0.3, 42.88N, 1.44W, h2km, M2.4/13, Error ellipse: s-maj=5.8km s-min=3.5km az=44.0

MDD 19 07:11:19.0:0.5, 42.87N, 1.39W, h8km, 3km, mBlg1.9/9, Error ellipse: s-maj=4.4km s-min=2.9km az=69.0

AftershockPLICA PRXIMO, Pyrenees

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJPF, LARF, EALK.

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EALK, OSSF, ETSF, etc.

LDG 19 07:12:32.7:0.4, 42.90N, 1.47W, h2km, M2.4/8, Error ellipse: s-maj=6.9km s-min=4.8km az=54.0

MDD 19 07:12:33.0:0.6, 42.88N, 1.40W, h5km, 5km, mBlg1.9/12, Error ellipse: s-maj=5.3km s-min=3.1km az=59.0

PRXIMO AftershockPLICA, Pyrenees

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJPF, EALK, ETSF, etc.

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EALK, ETSF, EBR, etc.

NEIC 19 07:15:30.7, 42.84N, 1.52W, h5km, M2.5(LDG), M2.3(STR), M2.0(MDD), After STR

STR 19 07:15:30.7:0.3, 42.84N, 1.52W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 07:15:31.2:0.3, 42.86N, 1.49W, h2km, M2.5/2, M2.5/16, Error ellipse: s-maj=4.8km s-min=2.9km az=45.0

MDD 19 07:15:32.4:0.4, 42.87N, 1.44W, h8km, 3km, mBlg2.0/12, Error ellipse: s-maj=3.1km s-min=2.5km az=53.0

AftershockPLICA PRXIMO, Pyrenees

Table listing seismic stations for the PRXIMO region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJPF, EALK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Larrau, Osses, Ordiarp, Arette, Les Forges d'A, Etsaut, Esparrros, San Caprasio, Lanestosa, EGra, ELan, Mtlf, Ebrro, Etsaut, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rata Peaks, Mawson, ASAR, CTA, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ste Jean, Ealk, Larrau, Ordiarp, Etsaut, Esparrros, San Caprasio, Lanestosa, EGra, ELan, Mtlf, etc.

LDG 19 07:21:29.8:0.3, 42.86N:1.44W, h2km, Md2.4/2, Ml2.1/9, Error ellipse: s-maj=5.5km s-min=3.7km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ste Jean, Larrau, Ealk, Osses, Etsaut, Esparrros, San Caprasio, Lanestosa, EGra, ELan, Mtlf, etc.

MAN 19 07:39:50.4, 9.11N:126.12E, h1km, mb4.4, ML3.2, MS3.0, IC-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Surigao, Bislig, Musuan, Maasin, Mati.

LDG 19 08:01:10.8:0.3, 42.86N:1.48W, h2km, Md2.3/2, Ml2.1/11, Error ellipse: s-maj=5.6km s-min=3.8km az=52.0

STR 19 08:01:10.9:0.2, 42.85N:1.48W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 19 08:01:11.8:0.0, 42.87N:1.41W, h11km, 1km, mbLg1.5/5, Error ellipse: s-maj=4.7km s-min=3.2km az=41.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ste Jean, Larrau, Alkurruntz, Osses, Etsaut, Esparrros, San Caprasio, Lanestosa, EGra, ELan, Mtlf, etc.

STR 19 08:14:38.6:0.2, 43.36N:0.66W, h10km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 08:14:39.2:0.4, 42.86N:1.46W, h2km, Md2.2/2, Ml2.2/9, Error ellipse: s-maj=6.2km s-min=4.2km az=53.0

MDD 19 08:14:40.1:0.5, 42.86N:1.40W, h7km, 4km, mbLg1.5/6, Error ellipse: s-maj=3.8km s-min=3.0km az=52.0

MDD 19 11:20:40.6:0.7, 42.86N-1.43W, h8km, 3km, mbl.g1.4/5, Error ellipse: s-maj=5.3km s-min=3.6km az=38.0, PRXIMO Aftershock PLICA, Pyrenees

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

SYO 19 11:32:14.8, 9.55S-118.02E, h37km, MB4.9, DUA 19 11:32:14.8, 1.0, 9.79S-117.87E, h2km, MD5.3/6, Error ellipse: s-maj=29.1km s-min=6.0km az=156.0, Ms2.4

NEIC 19 11:32:15.5:0.8, 9.46S-118.00E, h39km, 8km, mb4.9/22, MS4.4/1, Error ellipse: s-maj=10.7km s-min=5.2km az=46.0

HRVD 19 11:32:15.5:0.5, 9.80S-117.96E, h38km, 2km, MW5.0/38, Centroid moment Tensor Solution. P body waves: s20, c27, Mantle waves: s38, c58; Half duration: 0 Moment tensor: Scalar 10^19Nm; Mir-1.58; 22; Mw2.42; 14; Mw-0.84; 20; Mw-0.98; 14; Mw-0.92; 10; Mw-2.2; 23; Best double couple: M3.38x10^16 Np1.25; 3.88; lambda-151; NP2.0; 140; 873; lambda-56; Principal axes: T 3.25, P1g21; Azm205; N.26, P1g32; Azm300; P-3.52, P1g50; Azm88; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 19 11:32:15.2:3.8, 9.55S-118.01E, h32km, 28km, mb4.4/14, mb1.4/4.16, mb1mx4.4/19, ML4.3/2, MS4.0/7, Ms1.4/0.7, ms1mx3.8/17 Error ellipse: s-maj=23.3km s-min=13.6km az=62.0

MOS 19 11:32:19.2:0.5, 8.47S-117.90E, h49km, mb5.0/7, Error ellipse: s-maj=58.6km s-min=17.6km az=106.8, h46km, 4.5km; p-P, n85, c128/93, mb4.8/4.0, MS4.0/7, 4C-9D, Sumbawa region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

Table with columns: FITZ, MBWA, SONM, MKAR, ILAR, GERES. Includes station names, times, and various codes.

IDC 19 13:20:11.5, 2.8, 32.59S: 178.48W, mb4.2/3, mb1 4.4/4, mb1mx4.1/13, ML4.4, MS3.5/1, MS3.5/1, ms1mx3.0/24, Error ellipse: s-maj=59.5km s-min=35.3km az=114.0,

NEIC 19 13:20:38.7, 2.7, 33.03S: 179.45E, h128km, 17km, mb3.9/4, Error ellipse: s-maj=32.7km s-min=12.1km az=116.0,

ISC 19 13:20:21.5, 1.8, 33.43S: 178.3W, 0.2, h122km, 14km, n38, e104/48, mb4.1/6, 2C, South of Kermadec Islands

Main table for 19d 14h section, listing station names, times, and codes for various seismic events.

NEIC 19 13:29:12.7, 1.7, 23.37N: 142.14E, h60km, 15km, mb4.3/7, Error ellipse: s-maj=17.1km s-min=8.5km az=96.0,

IDC 19 13:29:19.9, 1.8, 23.35N: 142.05E, h123km, 15km, mb3.9/15, mb1 4.0/17, mb1mx3.9/24, Error ellipse: s-maj=21.2km s-min=11.0km az=97.0,

JMA 19 13:29:21.8, 0.2, 23.54N: 141.80E, h157km, M5.0, ISC 19 13:29:19.6, 1.0, 23.44N: 0.05, 141.8E, 0.1, h139km, 9km, n43, e118/48, mb3.9/20, Volcano Islands region

Main table for 19d 14h section, listing station names, times, and codes for various seismic events.

Table with columns: KAF, FINES, NVAR, ELK, AKES, GERES, PLCA, LPAZ, SAML, SAML. Includes station names, times, and various codes.

NEIC 19 14:08:14.9, 9.28, 29.5S: 70.25W, h103km, MD3.8(GW), After GUC

GUC 19 14:08:14.9, 9.28, 29.5S: 70.25W, h103km, 15km, MD3.8, ML4.1, 1C-4D, Central Chile

Main table for 2004 SEP section, listing station names, times, and codes for various seismic events.

BJJ 19 14:24:31.8, 2.03S: 67.74E, h10km, mb4.8, mb4.6, Ms4.3, Msz3.9

IDC 19 14:24:31.5, 1.1, 2.27S: 67.82E, mb4.0/8, mb1 4.1/8, mb1mx3.9/17, MS4.0/3, Ms1 4.0/3, ms1mx3.6/16, Error ellipse: s-maj=31.2km s-min=22.3km az=42.0,

NEIC 19 14:24:33.2, 0.6, 2.25S: 67.83E, h10km, mb4.9/7, Error ellipse: s-maj=12.6km s-min=11.8km az=80.0,

HRVD 19 14:24:33.2, 0.8, 2.10S: 68.04E, h12km, MW4.8/33, Centroid moment Tensor Solution. LP body waves: s18,019; Mantle waves: sc35,c51; Half duration: 0 Moment tensor: Scale 10^19Nm; Mr=1.81e-14; Mw=1.23e-12; Mw0.59e-12; Mw0.82e-10; Mw=0.60e-12; Mw0.23e-44; Best double couple: M1:1.88e+1019; M2:1.88e+133; S37: 1.66e-12; NP2: 285; S87: 1.107; Principal axes: T: 1.69, P: 1.69, Azm27; n38, P: 1.69, Azm294; P-2.07, P: 1.69, Azm152; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 19 14:24:31.2, 0.8, 2.35S: 0.1, h10km, n33, e150/30, mb4.5/19, MS4.1/5, 1D, Carlsberg Ridge

Main table for 2004 SEP section, listing station names, times, and codes for various seismic events.

IDC 19 14:27:48.1, 0.9, 1.56N: 66.86E, mb4.0/9, mb1 4.2/9, mb1mx4.0/17, Error ellipse: s-maj=26.9km s-min=19.9km az=22.0,

NEIC 19 14:27:49.7, 0.7, 1.58N: 66.84E, h10km, mb4.5/1, Error ellipse: s-maj=21.9km s-min=15.3km az=184.0,

ISC 19 14:27:47.9, 0.9, 1.6N: 0.2, 66.9E, 0.1, h10km, n11, e080/10, mb4.1/10, Carlsberg Ridge

Main table for 19d 14h section, listing station names, times, and codes for various seismic events.

IDC 19 14:28:01.1, 1.3, 44.51S: 82.07W, mb4.2/5, mb1 4.4/6, mb1mx4.3/13, ML3.9/1, MS4.5/8, Ms1 4.5/8, ms1mx4.2/14, Error ellipse: s-maj=45.5km s-min=26.9km az=121.0,

NEIC 19 14:28:02.0, 0.9, 44.40S: 82.30W, h10km, mb4.2/4, Error ellipse: s-maj=26.7km s-min=13.4km az=106.0,

ISC 19 14:28:01.4, 0.9, 44.40S: 10.0, 82.3W, 0.2, h10km, n22, e117/16, mb4.2/8, MS4.4/7, 3C, West Chile Rise

Main table for 19d 14h section, listing station names, times, and codes for various seismic events.

ISC 19 14:28:01.1, 1.3, 44.51S: 82.07W, mb4.2/5, mb1 4.4/6, mb1mx4.3/13, ML3.9/1, MS4.5/8, Ms1 4.5/8, ms1mx4.2/14, Error ellipse: s-maj=45.5km s-min=26.9km az=121.0,

NEIC 19 14:28:02.0, 0.9, 44.40S: 82.30W, h10km, mb4.2/4, Error ellipse: s-maj=26.7km s-min=13.4km az=106.0,

ISC 19 14:28:01.4, 0.9, 44.40S: 10.0, 82.3W, 0.2, h10km, n22, e117/16, mb4.2/8, MS4.4/7, 3C, West Chile Rise

Main table for 19d 14h section, listing station names, times, and codes for various seismic events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PASO Flores, GERES, CPUP, etc.

IDC 19 15:14:26.8z.2.9,35,45Nk.142.03E,mb3.4/3,mb1 3.6/4, m=1mx3.3/21,ML2.7/1, Error ellipse: s-maj=75.6km s-min=34.5km az=71.0

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

NEIC 19 15:22:05.2z.47.10N-9.10E,h1km,MD2(AZGRF), ML2.0(ZUR),ML2.7(VIE),ML2.5(LDG) After SZGRF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PLONS, WILA, LLS, MUO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like LBG, HNF, STU, etc.

NIED 19 15:30:00.33, 10N-137.00E, h14km, Mw3.5. Best double couple: M2.1x10^14 NP1:phi=107°,delta7°,A,108°. NP2:phi=261°,delta6°,lambda72°.

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

NNC 19 15:49:09.9z.6.0,40.79N-78.79E,mpv2.9, Error ellipse: s-maj=148.8km s-min=58.9km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like ULHL, KSH, TKM, etc.

WEL 19 15:59:17.8z.0.5,35.68S-179.19E,h229km,14km,ML3.7/3, Error ellipse: s-maj=28.8km s-min=27.3km az=90.0, Off east coast of North Island

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

IDC 19 16:01:57.2z.1.1,3.50S:131.84E,mb3.8/7,mb1 4.0/9, mb1mx3.9/15,ML3.8/2, Error ellipse: s-maj=69.3km s-min=17.9km az=62.0

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

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

MAN 19 16:09:09.9z.26Nk.122.18E,h32km,mb4.6,ML3.4,MS3.4, 1C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DCPH, GUIM, IPIL, etc.

NEIC 19 16:14:43.5z.34.96S:70.50W,h1km,mb4.8/5,ML4.1(GUC), After GUC.

NEIC Felt [III] at Los Quenes and [II] at Curico and Talca. GUC 19 16:14:43.5z.1.0,34.96S:70.50W,h1km,mb4.8/5,ML4.1,ML4.1

SYO 19 16:14:43.5z.34.96S:70.50W,h1km,MB4.7, IDC 19 16:14:50.5z.3.3,35.03S:70.28W,h60km,29km,mb4 1/5, mb1 4.2/9,mb1mx4 1/14,ML4.0/3,MS3.8/5,Ms 3.8/5, ms1mx3.5/18, Error ellipse: s-maj=32.2km s-min=18.8km az=104.0

ISC 19 16:14:42.5z.0.9,35.02S:0.02:70.39W,0.06,h5km,6km, n59,c095/62,mb4.8/11,MS3.9/3,7C-6D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like SFD0, CICH, LMEL, LNV, etc.

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

IDC 19 18:30:32.3,22.0,20.42S,178.49W,h572km,218km, mb3.1/5,mb1.3/3.5,mb1mx3.0/13,Error ellipse: s-maj=152.0km s-min=97.3km az=74.0,Fiji Islands region

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

NIED 19 18:36:00.33,10N,137.20E,h20km,Mw3.8 Best double couple: M6.14x10^14 NP1.0x236°,δ63°,λ64°,NP2.0x104°,δ36°,λ131°

JMA 19 18:36:17.9,0.1,33.12N,137.16E,h34km,3km,M3.9 IDC 19 18:36:25.2,2.8,34.33N,140.12E,h181km,10km,mb3.0/5,mb1.3/2.5,mb1mx3.0/20,Error ellipse: s-maj=65.7km s-min=19.3km az=63.0

NEIC 19 18:36:26.9,1.7,34.18N,139.88E,h188km,19km,Error ellipse: s-maj=69.9km s-min=20.8km az=61.0

ISC 19 18:36:18.3,0.6,33.12N,137.16E,0.03,h36km,10km,n28,e0576/49,mb3.4/4,1C-9D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tokai 1, Tokai 2, Tokai 3, Kozaga, Ise, Kiinagashima, etc.

NEIC 19 18:51:26.3,42.87N,1.54W,h5km,ML2.8(STR), ML2.8(LDG),MN2.6(MDD),After STR

STR 19 18:51:26.3,0.6,42.87N,1.54W,h5km,1km,ML2.8,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 18:51:28.1,0.3,42.91N,1.46W,h2km,Md3.1/2,ML2.8/29,Error ellipse: s-maj=5.1km s-min=2.8km az=38.0

MDD 19 18:51:28.0,0.3,42.85N,1.42W,h6km,2km,mbLg2.6/18,1C,Error ellipse: s-maj=2.6km s-min=1.7km az=42.0, AftershockPLICA PRXIMO,Pyrenees

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

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

IDC 19 18:30:32.3,22.0,20.42S,178.49W,h572km,218km, mb3.1/5,mb1.3/3.5,mb1mx3.0/13,Error ellipse: s-maj=152.0km s-min=97.3km az=74.0,Fiji Islands region

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

NIED 19 18:36:00.33,10N,137.20E,h20km,Mw3.8 Best double couple: M6.14x10^14 NP1.0x236°,δ63°,λ64°,NP2.0x104°,δ36°,λ131°

JMA 19 18:36:17.9,0.1,33.12N,137.16E,h34km,3km,M3.9 IDC 19 18:36:25.2,2.8,34.33N,140.12E,h181km,10km,mb3.0/5,mb1.3/2.5,mb1mx3.0/20,Error ellipse: s-maj=65.7km s-min=19.3km az=63.0

NEIC 19 18:36:26.9,1.7,34.18N,139.88E,h188km,19km,Error ellipse: s-maj=69.9km s-min=20.8km az=61.0

ISC 19 18:36:18.3,0.6,33.12N,137.16E,0.03,h36km,10km,n28,e0576/49,mb3.4/4,1C-9D,Near south coast of eastern Honshu

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

NEIC 19 18:59:34.4,1.0,19.09S,177.60W,h600km,mb4.5/12,Error ellipse: s-maj=23.5km s-min=19.8km az=142.0

IDC 19 18:59:34.2,2.4,18.99S,177.67W,h592km,41km,mb3.6/7,mb1.3/8.7,mb1mx3.6/14,Error ellipse: s-maj=84.3km s-min=21.0km az=148.0

ISC 19 18:59:33.4,1.3,19.15S,177.7W,0.1,h602km,13km,n22,e0576/26,mb4.5/14,1D,Fiji Islands region

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

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

IDC 19 18:30:32.3,22.0,20.42S,178.49W,h572km,218km, mb3.1/5,mb1.3/3.5,mb1mx3.0/13,Error ellipse: s-maj=152.0km s-min=97.3km az=74.0,Fiji Islands region

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

NIED 19 18:55:00.33,10N,137.10E,h20km,Mw3.8 Best double couple: M4.77x10^14 NP1.0x285°,δ66°,λ154°,NP2.0x177°,δ64°,λ5°

JMA 19 18:55:36.8,0.1,33.10N,137.09E,h38km,3km,M3.8 IDC 19 18:55:36.8,0.8,33.09N,137.10E,0.03,h46km,25km,n17,e0565/33,2C-9D,Near south coast of eastern Honshu

NEIC 19 18:59:34.4,1.0,19.09S,177.60W,h600km,mb4.5/12,Error ellipse: s-maj=23.5km s-min=19.8km az=142.0

IDC 19 18:59:34.2,2.4,18.99S,177.67W,h592km,41km,mb3.6/7,mb1.3/8.7,mb1mx3.6/14,Error ellipse: s-maj=84.3km s-min=21.0km az=148.0

ISC 19 18:59:33.4,1.3,19.15S,177.7W,0.1,h602km,13km,n22,e0576/26,mb4.5/14,1D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tokai 1, Tokai 2, Tokai 3, Kozaga, Ise, etc.

NEIC 19 18:59:34.4,1.0,19.09S,177.60W,h600km,mb4.5/12,Error ellipse: s-maj=23.5km s-min=19.8km az=142.0

IDC 19 18:59:34.2,2.4,18.99S,177.67W,h592km,41km,mb3.6/7,mb1.3/8.7,mb1mx3.6/14,Error ellipse: s-maj=84.3km s-min=21.0km az=148.0

ISC 19 18:59:33.4,1.3,19.15S,177.7W,0.1,h602km,13km,n22,e0576/26,mb4.5/14,1D,Fiji Islands region

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

NEIC 19 19:47:57.9, 18.30N, 103.35W, h34km, MD4.0(MEX), After MEX.

MEX 19 19:47:57.7±1.0, 18.29N, 103.36W, h17km, 17km, MD4.0, ISC 19 19:47:54.1±1.0, 18.33N, 0.06, 103.36W, 0.06, h17km, n8, e19/14, Near coast of Michoacan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ciudad Guzman, Zihuatanejo, Chameala, Santa Fe, Morelia, Universidad Na, Popocatepetl.

LDG 19 19:56:26.4±0.3, 42.87N, 1.49W, h2km, Md2.4/2, Ml2.1/2, Error ellipse: s-maj=5.6km s-min=3.6km az=46.0

STR 19 19:56:26.4±1.0, 42.88N, 1.50W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 19 19:56:27.7±0.5, 42.88N, 1.41W, h7km, 3km, mblg1.6/7, Error ellipse: s-maj=3.5km s-min=2.7km az=49.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ste Jean, Alkuruntz, Larrau, Ossees, Arette, Les Forges d'A, Etsaut, Miraclo, Ens, Esparrros, Tobara, Mosqueruela, Montlieu, Les Rejaudoux, Calviac, Saint Martin d, Ste Croix, Toulx Ste Croi, Bois d'Angland, Saint-Julien-I, Avril sur Loir, Penafolen, Rinconada Maip, Colegio Aleman, Cerro Calan.

NEIC 19 19:57:54.8, 35.01S, 70.58W, h5km, ML3.4(GUC), After GUC.

GUC 19 19:57:54.8±0.7, 35.01S, 70.58W, h5km, MD3.9, ML3.4, 6C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like San Fernando, Cipreses, Canelo, Chadas Angostu, Las Melosas, Longovio, Talagante, Pirque, Antumapu, Penafolen, Rinconada Maip, Colegio Aleman, Cerro Calan.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Farellones, Las Cruces, Peldehue, Jach, Mendoza.

STR 19 19:58:25.8±0.6, 42.85N, 1.48W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 19:58:26.1±0.3, 42.86N, 1.47W, h2km, Md2.4/2, Ml2.2/2, Error ellipse: s-maj=5.6km s-min=3.5km az=49.0

MDD 19 19:58:27.1±0.5, 42.88N, 1.43W, h7km, 3km, mblg1.9/9, Error ellipse: s-maj=3.6km s-min=2.8km az=86.0

AftershockPLICA PRXIMO, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ste Jean, Larrau, Ossees, Ordiarp, Arette, Les Forges d'A, Etsaut, Miraclo, Ens, Esparrros, San Caprasio, Lanestosa, Melles, Salau, Torrete, Mosqueruela, Montlieu, Les Rejaudoux, Calviac, Saint Martin d, Ste Croix, Toulx Ste Croi, Bois d'Angland, Saint-Julien-I, Avril sur Loir, Penafolen, Rinconada Maip, Colegio Aleman, Cerro Calan.

LDG 19 19:59:52.6±0.3, 42.93N, 1.45W, h2km, Md3.1/2, Ml2.8/26, Error ellipse: s-maj=5.3km s-min=2.9km az=39.0

NEIC 19 19:59:52.6, 42.93N, 1.45W, h2km, Ml2.9(STR), Ml2.8(LDG), After LDG.

STR 19 19:59:52.6±1.0, 42.85N, 1.37W, h5km, 1km, Ml2.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 19 19:59:52.0±0.3, 42.87N, 1.42W, h7km, 3km, mblg2.3/13, Error ellipse: s-maj=2.7km s-min=2.4km az=69.0

AftershockPLICA PRXIMO, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ste Jean, Alkuruntz, Larrau, Ossees, Ordiarp, Arette, Les Forges d'A, Etsaut, Montagne du Re, Montagne du Re, Labassere, Ens, Esparrros, Tobara, Mosqueruela, Montlieu, Les Rejaudoux, Calviac, Saint Martin d, Ste Croix, Toulx Ste Croi, Bois d'Angland, Saint-Julien-I, Avril sur Loir, Penafolen, Rinconada Maip, Colegio Aleman, Cerro Calan.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like San Caprasio, Lanestosa, Melles, Torrete, Miraclo, Poblel, Etsaut, Mosqueruela, Calviac, Saint Martin d, Ste Croix, Toulx Ste Croi, Bois d'Angland, Saint-Julien-I, Avril sur Loir, Penafolen, Rinconada Maip, Colegio Aleman, Cerro Calan.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like IMW, MOOV, TPAW, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like BJO, BAR, ULM, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like APA, JMJC, TRO, etc.

WMOK	comp=Z,11um,20.0s,MS6.0	LR	LR				
SCHO	Schefferville 62.00 35 P			20 36 21.0	-1.6		
SCHO	comp=Z,228nm,0.7s,mb6.4,baz=324,slow=6.7,SNR=110	LR		21 05 59.7			
TKM2	Tokmak 2 62.10 305 P			20 36 21.8	-1.6		
ULHL	Ulholi 62.26 304 P			20 36 23.6	-0.9		
USP	Ospenovka 62.40 306 P			20 36 24.2	-1.2		
CHMS	Chumysh 62.47 305 P			20 36 24.7	-1.2		
KBK	Karagaybulak 62.62 305 P			20 36 25.8	-1.1		
FRU	Bishkek 62.66 305i eP			20 36 26.0	-1.1		
FRU				20 36 39.0			
FRU				20 44 43.0			
FRU	comp=Z,700nm,1.8s,mb5.5		pmax	pmax			
FRU	comp=Z,4um,8.0s		pmax	pmax			
FRU	comp=Z,15um,20.0s,MS6.2		MLR	MLR			
NRS	Narsarsuq 62.69 20 i P			20 36 24.4	-2.7		
BATP	Bataraza 62.77 248 eP			20 36 27.4	-0.9		
BORG	Borgarnes 62.80 7 LR			21 02 27.2			
BORG	Borgarnes 62.80 7 eP			20 36 24.4	-3.3		
BORG	comp=Z,256nm,1.5s,mb6.1		LR	LR			
NSS	Namsos 62.80 351 eP			20 36 25.3	-2.5		
NSS				20 44 55.1	+1.9		
NSS				21 08 48.5			
LTX	Lajtas 62.84 77 PFAKE			20 36 40.0	+1.1		
LTX							
AAK	Ala-Archa 62.86 305 P			20 36 27.6	-0.9		
KZA	Kyzart 62.89 304 P			20 36 28.3	-0.3		
LSA	Lhasa 62.97 284 P			20 36 29.5	+0.1		
LSA				20 38 50.3	+0.8		
LSA	comp=Z,130nm,1.0s,mb6.0		LR	LR			
LSA	comp=N,5um,16.7s,MS6.0		LR	LR			
UCH	Uchtor 63.15 305 P			20 36 29.9	-0.5		
EKS2	Erkin-Say 63.20 306 P			20 36 29.9	-0.8		
KAF	Kangasniemi 63.22 344 eP			20 36 27.7	-2.9		
KAF	Kangasniemi 63.22 344 eP			20 36 27.7	-2.9		
AML	Almayashu 63.63 305 P			20 36 33.3	-0.2		
CCM	Cathedral Cave 63.64 61 P			20 36 31.5	-2.1		
CCM							
CCM	comp=Z,32nm,0.9s,mb5.3		pmax	pmax			
CCM	comp=Z,3um,19.0s,MS5.4		MLR	MLR			
CCM	Cathedral Cave 63.64 61 eP			20 36 31.0	-2.6		
CCM	comp=Z,32nm,0.8s,mb5.4		LR	LR			
WAW	Wau 63.75 211 eP			20 36 38.0	+3.3		
SLM	Saint Louis 63.76 60 P			20 36 32.7	-1.7		
SLM							
SLM	comp=Z,26nm,0.6s,mb5.4		pmax	pmax			
SLM	Saint Louis 63.76 60 eP			20 36 31.9	-2.5		
FINES	FINES Array B 63.89 344 P			20 36 33.0	-1.8		
FINES	comp=Z,60nm,0.7s,mb5.8,baz=22,slow=7.5,SNR=128		LR	LR			
FINES	FINES Array B 63.89 344 P			20 36 33.0	-1.8		
FINES	comp=Z,14um,21.5s,MS6.1,baz=20,slow=38		pmax	pmax			
FINES	comp=Z,60nm,0.7s		MLR	MLR			
FINES	comp=Z,14um,21.5s		MLR	MLR			
TRON	Trondheim 63.99 352 eP		sP	20 36 36.9	+1.4		
PECR	Pechory 64.29 332 eP		S	20 36 45.8	-2.1		
PECR				20 36 38.8	+1.3		
PECR				20 45 15.0	+3.2		
PECR	comp=N,2um,5.0s		pmax	pmax			
PECR	comp=E,800nm,5.0s		pmax	pmax			
PECR	comp=N,3um,13.0s		smax	smax			
PECR	comp=E,3um,13.0s		MLR	MLR			
PECR	comp=N,6um,19.0s,MS6.1		MLR	MLR			
PECR	comp=N,4um,17.0s		MLR	MLR			
PECR	comp=E,8um,17.0s		MLR	MLR			
JCT	Junction City 64.30 73 P			20 36 38.3	+0.2		
JCT							
JCT	comp=Z,21nm,0.6s,mb5.3		MLR	MLR			
JCT	comp=Z,17um,21.0s,MS6.2		MLR	MLR			
JCT	Junction City 64.30 73 eP			20 36 37.5	-0.6		
JCT	comp=Z,21nm,0.6s,mb5.3		LR	LR			
KSH	Kashi 64.39 302 i P			20 36 38.0	-0.5		
KSH				20 36 44.4	-3.2		
KSH				20 36 47.8	-3.1		
KSH				20 37 13.0	+0.4		
KSH				20 39 00.0	-2.0		
KSH				20 40 31.4	-3.4		
KSH				20 41 14.4			
KSH				20 41 17.0			
KSH				20 45 12.0	-1.4		
KSH				20 46 26.0	-0.7		
KSH				20 49 22.4	-2.7		
KSH	comp=Z,200nm,0.9s,mb6.2		AMB	AMB			
PUL	Pulkovo 64.64 341 eP			20 36 39.4	-0.3		
PUL				20 40 35.5			
PUL				20 45 08.6	-7.4		
PUL	comp=Z,184nm,0.7s,mb6.2		pmax	pmax			
PUL	comp=Z,324nm,0.8s,mb6.4		MLR	MLR			
PUL	comp=Z,14um,17.0s,MS6.2		MLR	MLR			
PUL	comp=N,9um,17.0s,MS6.1		MLR	MLR			
PUL	comp=E,6um,17.0s,MS6.1		MLR	MLR			
SADO	Sadowa 64.76 49 LR			21 08 40.2			
IMP	Imphal 64.89 279 eP			20 36 42.0	0.0		
MIAR	Mount Ida 64.92 66 PFAKE			20 36 50.0	+8.0		
MIAR							
CHRT	Chiangrai 64.97 270 i P			20 36 42.5	-0.1		
MOL	Molde 65.10 353 eP			20 36 42.9	+0.3		
MOL				20 36 46.9			
MOL	comp=Z,362nm,1.3s,mb6.2		AMB	AMB			
MOL	Molde 65.10 353 eP			20 36 42.9	+0.3		
NANT	Nan 65.21 269 P			20 36 42.7	-1.4		
NANT	comp=Z,694nm,1.0s,mb6.6		P	P			
UBT	Ubonrachathani 65.27 263 P			20 36 45.5	+0.9		
BLO	Bloomington 65.32 58 P			20 36 43.0	-1.5		
BLO							
BLO	comp=Z,48nm,0.7s,mb5.6		pmax	pmax			
BLO	Bloomington 65.32 58 eP			20 36 42.4	-2.2		
BLO	comp=Z,48nm,0.7s,mb5.6		P	P			
UALR	University of 65.43 65 eP			20 36 44.4	-1.0		

DOMB	Dombas 65.50 352 i P			20 36 43.9	-1.4		
DOMB				20 36 48.0			
DOMB	comp=Z,307nm,1.4s,mb6.1		eS	p			
DOMB	Dombas 65.50 352 i P			20 36 55.3	-2.4		
DOMB	Port Moresby 65.56 209 P			20 36 43.9	-1.4		
PMG	comp=Z,99nm,1.4s		pmax	pmax			
PMG	Port Moresby 65.56 209 P			20 36 54.5	+8.1		
PMG	comp=Z,6um,21.0s		MLR	MLR			
PMG	Port Moresby 65.56 209 PFAKE			20 37 00.0	+1.4		
SHL	Shilling 65.56 281 i P			20 36 45.5	-0.8		
SHL				20 45 29.5	+1.5		
KKM	Kota Kinabalu 65.91 247 eP			20 36 48.0	-0.7		
GLAT	Glass 66.01 61 eP			20 36 48.0	-0.9		
WCI	Wyandotte Cave 66.14 58 P			20 36 48.1	-1.7		
WCI	comp=Z,64nm,0.7s,mb5.8		pmax	pmax			
WCI	comp=Z,4um,19.0s,MS5.7		MLR	MLR			
WCI	Wyandotte Cave 66.14 58 eP			20 36 47.7	-2.1		
WCI	comp=Z,64nm,0.7s,mb5.8		MLR	MLR			
WCI	comp=Z,4um,19.0s,MS5.7		LR	LR			
WCI	University of 66.18 61 eP			20 36 48.6	-1.5		
UTMT	comp=Z,280nm,1.0s,mb5.2		P	P			
FOO	Floro 66.23 354 eP			20 36 48.7	-1.2		
CHG	Chiang Mai 66.28 270 i P			20 36 49.9	-1.1		
NB2	NORSAR Subarra 66.30 351 P			20 36 49.0	-1.4		
NB2	comp=Z,110nm,0.7s,mb6.0,baz=11,slow=6.2		P	P			
NB2	NORSAR Subarra 66.30 351 P			20 36 49.0	-1.4		
NOA	NORSAR Array B 66.30 351 P			20 36 49.0	-1.4		
NOA	comp=Z,61nm,0.8s,mb5.8,baz=12,slow=6.4,SNR=137		LR	LR			
NOA	comp=Z,5um,21.3s,MS5.7,slow=36		LR	LR			
NOA	comp=Z,2.7nm,0.9s,baz=155,slow=3.3,SNR=3.8		P	P			
NOA	NORSAR Array B 66.30 351 P			21 05 26.0			
NOA							
NOA	comp=Z,61nm,0.6s		pmax	pmax			
NOA	comp=Z,5um,21.3s		MLR	MLR			
NOA	comp=Z,3.0nm,0.9s		pmax	pmax			
NOA	NORSAR Array B 66.30 351 P			20 36 49.0	-1.4		
NOA				21 05 14.9			
NOA				21 05 26.0			
NOA				20 36 49.0	-1.4		
ACSO	Alum Creek Sta 66.34 55 eP			20 36 49.8	-2.1		
ACSO	comp=Z,22nm,0.6s,mb5.4		LR	LR			
NATX	Nacogdoches 66.35 68 eP			20 36 50.0	-1.3		
NATX	comp=Z,13um,20.0s,MS6.1		LR	LR			
NATX	comp=Z,30nm,0.7s,mb5.4		LR	LR			
NATX	comp=Z,11um,21.0s,MS6.0		LR	LR			
MET	Memphis-Engin 66.51 63 P			20 36 50.5	-1.7		
NAO01	NORSAR Array S 66.52 351 eP			20 36 49.5	-2.3		
NAO01	comp=Z,28nm,0.6s,mb5.5		LR	LR			
NAO01	comp=Z,6um,19.0s,MS5.8		LR	LR			
NAO01	Masenna 66.53 46 eP			20 36 48.9	-3.2		
CM31	Chiang Mai Arr 66.55 270 eP			20 36 51.4	-1.3		
CM31	comp=Z,88nm,0.7s,mb5.9		LR	LR			
CM31	comp=Z,5um,19.0s,MS5.8		LR	LR			
CMAR	Chiang Mai Arr 66.55 270 P			20 36 52.1	-0.6		
CMAR	comp=Z,82nm,0.8s		pmax	pmax			
CMAR	comp=Z,2um,3.4s		pmax	pmax			
CMAR	comp=Z,532nm,1.6s,mb6.3		pmax	pmax			
CMAR	comp=N,253nm,1.3s		smax	smax			
CMAR	comp=E,3um,5.2s		smax	smax			
CMAR	comp=N,2um,4.4s		MLR	MLR			
CMAR	comp=N,21um,19.4s,MS6.4		MLR	MLR			
CMAR	comp=Z,28um,19.4s,MS6.5		MLR	MLR			
CMAR	comp=E,13um,19.6s,MS6.4		MLR	MLR			
HYA	Hoyanger 66.59 354 eP			20 36 52.2	0.0		
HYA	comp=Z,302nm,1.5s,mb6.1		AMB	AMB			
HYA	comp=Z,302nm,1.5s,mb6.1		P	P			
ALLY	Alpheny Cole 66.66 52 eP			20 36 51.0	-1.0		
SUE	Sulen 66.79 354 eP			20 36 53.5	+1.2		
WWT	Waverly 66.90 61 P			20 37 04.9			
WWT	comp=Z,62nm,1.0s,mb5.6		pmax	pmax			
WWT	comp=Z,10um,21.0s,MS6.0		MLR	MLR			
WWT	Waverly 66.90 61 eP			20 39 17.2			
WWT	comp=Z,62nm,0.9s,mb5.6		P	P			
WWT	comp=Z,10um,21.0s,MS6.0		LR	LR			
WWT	comp=Z,62nm,0.9s,mb5.6		LR	LR			
WWT	comp=Z,10um,21.0s,MS6.0		P	P			
GENY	Geneseo 66.91 50 eP			20 36 51.7	-2.9		
LOZ	Lake Ozonia 66.95 46 eP			20 36 50.9	-4.0		
AGT	Agartala 67.19 280 i P			20 37 07.0	+1.0		
AGT				20 38 15.0			
OXF	Oxford 67.25 63 P			20 37 07.0	+1.0		
OXF	comp=Z,320nm,1.1s,mb6.3		pmax	pmax			
OXF	comp=Z,6um,20.0s,MS5.8		MLR	MLR			
OXF	Oxford 67.25 63 eP			20 36 55.3	-1.6		
OXF	comp=Z,322nm,1.2s,mb6.2		LR	LR			
OXF	comp=Z,6um,20.0s,MS5.8</						

Table with columns for flight codes (SUW, COP, BISR, etc.), destinations (Copenhagen, Asora, etc.), times, and status indicators (eP, pP, etc.).

Table with columns for flight codes (WCB1, DCN, WIT, etc.), destinations (Church Bay, Witteveen, etc.), times, and status indicators (eP, pP, etc.).

Table with columns for flight codes (PVCC, OXX, HPE, etc.), destinations (Panska Ves, Ostrava-Krasne, etc.), times, and status indicators (eP, pP, etc.).

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like DJNS, ROSC, OTAV, etc.

IDC 19 20:37:05.4.1.3, 52.02N-173.76E, mb3.7/5, mb1 4.0/5, mb1mx3.7/21, Error ellipse: s-maj=26.0km s-min=15.5km az=67.0

ISC 19 20:37:05.6.1.1, 52.0N-0.1-173.8E, 0.2, h15km, 40km, n6, 0.17707, mb3.7/5, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FX1, YKA, SONM, etc.

CASC 19 20:56:59.3.2.8, 14.37N-91.75W, h62km, 12km, MD3.8, ML4.1, 3C-4D, Guatemala

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like FUG, PAGO, PACAYA, etc.

JMA 19 21:00:21.1.0.2, 23.53N-121.87E, h78km, ML2.7, TAP 19 21:00:18.6, 23.52N-121.77E, h15km, 1km, ML3.5, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YOY, YOJ, HATJ, etc.

NEIC 19 21:08:46.3.37.51S-176.53E, h203km, After WEL, WEL 19 21:08:45.6.0.5, 37.50S-176.53E, h210km, 4km, ML4.3/10, 6C-3D, Error ellipse: s-maj=1.6km s-min=1.6km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MYRZ, MARZ, TAZ, etc.

STR 19 21:24:44.9.44.62N-6.72E, ML2.6(GEN), ML2.4(LDG), ML2.1(STR), After GEN

LDG 19 21:24:46.0.0.1, 44.64N-6.80E, h2km, M2.6/1, M2.4/11, Error ellipse: s-maj=1.7km s-min=0.9km az=64.0

ISC 19 21:24:45.0.0.2, 44.62N-0.01-6.75E, 0.02, h10km, 2km, n43, 0.963/81, 1D, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MBDF, SURF, PZZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like TUWZ, NNZ, QUZ, etc.

WEL 19 21:09:42.2.0.9, 37.79S-179.87E, h33km, ML3.87, Error ellipse: s-maj=8.2km s-min=6.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ, MZK, PUZ, etc.

IDC 19 21:15:45.1.2.5, 11.11N-92.11E, mb3.5/3, mb1 3.6/4, mb1mx3.4/17, ML3.4/1, Error ellipse: s-maj=70.8km s-min=28.0km az=68.0, Andaman Islands region

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

NEIC 19 21:24:44.9.44.62N-6.72E, ML2.6(GEN), ML2.4(LDG), ML2.1(STR), After GEN

STR 19 21:24:45.9.0.2, 44.63N-6.77E, h5km, 1km, M2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 19 21:24:46.0.0.1, 44.64N-6.80E, h2km, M2.6/1, M2.4/11, Error ellipse: s-maj=1.7km s-min=0.9km az=64.0

ISC 19 21:24:45.0.0.2, 44.62N-0.01-6.75E, 0.02, h10km, 2km, n43, 0.963/81, 1D, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MBDF, SURF, PZZ, etc.

ms1mx3.3/16, Error ellipse: s-maj=27.0km s-min=14.9km az=121.0

ISC 19 22:23:26.4,0.5,6.46S,0.09,154.9E,0.1,h33km, h33km2,0km;p-P,n29,+062/27,mb4.5/20,Bougainville - Solomon Islands region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res h m s ISC. Includes stations like PGD Poggio Sodo, ZCCA Zocca, MCGN Macugnaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res h m s ISC. Includes stations like BACM Bacini, CODM Codomo, GOSF Gospi, etc.

LDG 19 22:59:38.1±0.3, 14.08S×166.40E, h10km, Mb5.3/4, Error ellipse: s-maj=36.9km s-min=8.7km az=85.0

BJI 19 22:59:52.9, 12.66S, 162.82E, h10km, Mb5.2, mb5.0 NEIC 19 22:59:54.4, 0.2, 12.93S, 166.79E, mb5.1/27, Error ellipse: s-maj=8.1km s-min=5.9km az=127.0

HRVD 19 22:59:54.4, 0.2, 13.01S, 166.82E, h129km, 1km MW5.4/65, Centroid moment Tensor Solution. LP body waves: s50,c74;Mantle waves: s65,c128; Half duration: 1s1

ISC 19 22:59:53.6, 0.3, 12.92S, 166.68E, 0.06, h114km, h114km2, 2.7km;p-P,n160,+152/27,mb4.9/43,15C-3D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res h m s ISC. Includes stations like BKM Butte a Klehm, DZM Mont Dzumac, PMG Port Moresby, etc.

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

MEX 19 23:10:29.7, 0.8, 16.26N, 98.05W, h10km, MD3.7, Near coast of Guerrero

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

ISC 19 23:20:13.6, 5.6, 6.84S, 148.37E, mb4.1/3, mb1 4/2.4, mb1mx3.8/12, ML3.8/1, 1D, Error ellipse: s-maj=5.3km s-min=59.3km az=33.0, New Britain region

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

ARU	Arti	74.05 356j	eP	P	23 35 55.2 -0.8
BEO	Belgrade	74.19 329	j/iP	P	23 35 57.2 +0.3
SVE	Sverdlodsk	74.35 358	j/iP	P	23 35 57.0 -0.6
SVE					23 36 12.0
SVE	comp=Z,220nm,1.6s,mb5.8				
SVE	comp=Z,500nm,17.0s,MS4.9				
SVE	comp=N,400nm,16.0s,MS4.9				
SVE	comp=E,300nm,16.0s,MS4.9				
AKASG	Malin Array Be	74.96 337	P	P	23 36 00.3 -1.1
AKASG	comp=E,16nm,1.1s,mb4.9,baz=138,slow=4.6,SNR=47				00 09 29.2
SONMI	Songino Array	75.13 28	P	P	23 36 02.1 -0.3
SONMI	comp=E,21nm,0.9s,mb5.0,baz=218,slow=5.7,SNR=122				
ZAK	Zakamensk	75.81 24	eP	P	23 36 05.8 -0.4
ZAK					23 38 52.2
PQTR	Pietraquaria	76.04 323	eP	P	23 36 07.5 -0.1
AQU	L'Aquila	76.25 323	eP	P	23 36 08.6 -0.3
CTA	Charters Tower	76.33 107	eP	P	23 36 11.7 +2.0
CTA	comp=Z,210m,1.1s,mb5.1				
CTA	Charters Tower	76.33 107	P	P	23 36 11.8 +2.1
CTA	comp=E,24nm,1.0s,mb5.1,baz=252,slow=3.8,SNR=10				00 08 13.6
CTA	Charters Tower	76.33 107	eP	P	23 36 10.2 +0.5
CTA	comp=E,36nm,1.1s,mb5.2				
CTAO	comp=Z,1.1um,20.0s,MS5.1				
KOLS	Kolonické sedl	76.36 333	iP	P	23 36 10.4 +1.1
KOLS					23 36 16.8 +1.9
OBN	Obninsk	76.42 344	P	P	23 36 09.4 -0.1
OBN	comp=Z,326nm,1.5s,mb5.0,SNR=10				23 36 17.3
OBN	Obninsk	76.42 344	iP	P	23 36 09.4 -0.1
OBN	comp=Z,129nm,1.5s,mb5.6				
OBN	comp=Z,200nm,19.0s,MS4.5				
OBN	Obninsk	76.42 344	eP	P	23 36 09.1 -0.4
OBN	comp=Z,176nm,1.6s,mb5.7				
OBN	comp=Z,117nm,19.0s,MS4.9				
MNSZ	Montsiola	76.68 323	eP	P	23 36 10.2 -1.1
PSZ	Piszketice	76.69 331	iP	P	23 36 11.0 -0.2
CRVS	Cervenica-Dubn	76.70 332	eP	P	23 36 13.0 +1.8
SISC	Sisak	76.70 327	iP	P	23 36 11.8 +0.5
KWP	Kalwarja	76.70 333	eP	P	23 36 11.0 -1.1
MOS	Moscow	76.70 345	eP	P	23 36 11.0 -0.1
MOS					23 36 17.7 +1.0
MOS	comp=Z,224nm,1.7s,mb5.8				
NRCA	Norcia	76.72 324	eP	P	23 36 10.7 -0.7
ARV	Arcvevia	77.24 324	eP	P	23 36 14.7 +0.1
BOJS	Bojanci	77.36 327	eP	P	23 36 14.9 +0.0
SRO	Srobarova	77.36 330	eP	P	23 36 23.0
SRO					23 36 15.3 +0.1
CRS	Cresnjevec ost	77.41 327	eP	P	23 36 16.5 +0.4
VYHS	Vyhne	77.72 321	eP	P	23 36 16.8 -0.1
VJSS	Visnjac	77.82 327	eP	P	23 36 18.7 +0.0
LJU	Ljubljana	78.04 327	eP	P	23 36 19.8 -0.1
SMOL	Smolence	78.27 330	eP	P	23 36 26.9 +1.4
SMOL					23 36 20.8 +0.5
ARSA	Arzberg	78.34 328	iP	P	23 36 21.1 +0.8
ARSA	comp=Z,336nm,1.4s,mb5.1				
OBKA	Obi	78.34 327	iP	P	23 36 21.1 +0.8
OBKA	comp=Z,30nm,1.7s,mb5.0				
OJC	Ojcow	78.40 332	iP	P	23 36 20.0 -0.6
OJC					23 36 32.7
ARMA	Armadale	78.58 118	eP	P	23 36 22.7 +0.7
GNMA	Gemona	78.87 326	eP	P	23 36 23.4 +0.2
OKC	Ostrava-Krasne	78.87 331	eP	P	23 36 23.0 -0.2
OKC					23 36 30.2
ZCCA	Zocca	78.88 324	eP	P	23 36 24.1 +0.8
PTCC	Patocco-Chiusa	78.89 327	eP	P	23 36 23.2 -0.2
PGF	Pogorz	78.92 327	eP	P	23 36 22.7 -0.1
MORC	Moravsky Berou	79.19 331	eP	P	23 36 23.8 -0.6
MORC	comp=Z,75nm,1.9s,mb5.3				
FVI	Forni Avoltri	79.32 326	eP	P	23 36 25.8 +0.1
KBA	Koelnbreinsp	79.34 327	iP	P	23 36 26.3 +0.5
KBA	comp=Z,27nm,1.8s,mb4.9				
WAR	Warsaw	79.36 334	eP	P	23 36 26.8 +1.0
MOA	Molln	79.37 328	iP	P	23 36 26.2 +0.3
SUW	Suwalki	79.85 337	eP	P	23 36 28.0 -0.3
INCH	Inchon	79.95 45	PFAKE	LR	23 36 40.0 +1.1
INCN					
PMG	Port Moresby	79.97 97	PFAKE	LR	23 36 40.0 +1.0
PMG	comp=Z,529nm,20.0s,MS4.9				
DPC	Dobruska-Polom	80.07 331	eP	P	23 36 30.1 +0.5
DPC					23 36 37.1
GE2C	GERESS Array S	80.31 329	eP	P	23 36 30.1 -0.9
GE2C	comp=Z,33nm,1.7s,mb5.0				
GE2C	GERESS Array S	80.31 329	eP	P	23 36 30.1 -0.9
GE2C	comp=Z,33nm,1.7s,mb5.0				
GERES	GERESS Array B	80.31 329	P	P	23 36 30.3 -0.7
GERES	comp=Z,1.8nm,0.9s,mb5.0,baz=165,slow=5.7,SNR=17				
SNY	Shenyang	80.32 40	iP	P	23 36 30.9 -0.2
SNY	comp=Z,30nm,1.2s,mb5.1				
UPC	Upic	80.32 331	eP	P	23 36 32.0 +1.0
UPC					23 36 37.3 +0.1
WTTA	Wattenberg	80.35 326	iP	P	23 36 31.3 +0.1
WTTA	comp=Z,27nm,2.0s,mb4.8				
KSP	Ksiaz	80.42 331	eP	P	23 36 31.9 +0.4
KSP					23 36 46.1
WATA	Waldersalm	80.43 326	iP	P	23 36 31.2 -0.4
WATA	comp=Z,6.7nm,1.0s,mb4.5				
SQTA	Sankt Quirin	80.56 329	iP	P	23 36 32.1 -0.1
SQTA	comp=Z,1.1nm,1.2s,mb4.7				
KHC	Kasperske Hory	80.56 329	eP	P	23 36 31.6 -0.7
KHC					23 36 34.7 +0.8
SBF	Sospel	80.63 322	eP	P	23 36 32.3 -0.4
SBF	comp=Z,62nm,1.2s,mb5.1				
PRU	Pruhonic	80.66 330	P	P	23 36 32.7 -0.1
PRU	comp=Z,67nm,1.9s,mb5.2				
PRU	Pruhonic	80.66 330	eP	P	23 36 32.7 -0.1
PRU	comp=Z,67nm,1.9s,mb5.2				
PRU	Pruhonic	80.66 330	eP	P	23 36 32.7 -0.1
PRU	comp=Z,67nm,1.9s,mb5.2				
MOTA	Miossalm	80.68 326	iP	P	23 36 32.5 -0.4
MOTA	comp=Z,7.7nm,1.0s,mb4.6				
KS15	Wonju Array Si	80.78 46	eP	P	23 36 33.8 +0.1
LMR	La Moure	80.87 321	eP	P	23 36 33.7 -0.3
LMR	comp=Z,27nm,1.6s,mb5.5				
FRF	La Foret Royal	80.92 321	eP	P	23 36 34.0 -0.3
FRF	comp=Z,52nm,1.3s,mb5.0				
WET	Wetzell	80.92 328	eP	P	23 36 32.8 -1.3
WET	comp=Z,14nm,1.4s,mb4.7				
WET	Wetzell	80.92 328	eP	P	23 36 32.8 -1.3
WET	comp=Z,14nm,1.4s,mb4.7				
PVCC	Panska Ves	81.01 330	eP	P	23 36 35.2 +0.6
PVCC					23 36 42.4 +2.2
VAI	Varese	81.05 324	eP	P	23 36 34.7 -0.1
FUR	Furstenfeldbru	81.11 327	eP	P	23 36 34.4 -0.8
FUR	comp=Z,265nm,2.1s,mb5.8				
FUR	Furstenfeldbru	81.11 327	eP	P	23 36 34.4 -0.8
FUR	comp=Z,265nm,2.1s,mb5.8				
DAVA	Damuels	81.30 326	iP	P	23 36 36.8 +0.6
DAVA	comp=Z,14nm,0.9s,mb4.9				
MBDF	Montbardon	81.52 322	eP	P	23 36 37.5 +0.1
MBDF	comp=Z,2.1nm,0.9s,mb4.4				
BRG	Bergjesshubel	81.54 330	iP	P	23 36 37.9 +0.6
BRG	comp=Z,40nm,1.7s,mb5.1				
BRG	Bergjesshubel	81.54 330	iP	P	23 36 37.9 +0.6
BRG	comp=Z,40nm,1.7s,mb5.1				
GKF	Gorka Klastorz	81.70 333	eP	P	23 36 35.6 -2.5
SMRF	Simiane la Rot	81.79 321	eP	P	23 36 38.1 -0.7
NKC	Novy Kostel	81.84 329	eP	P	23 36 39.5 +0.6
NKC					23 36 46.8 +2.3
LPG	La Plagne	81.97 323	eP	P	23 36 39.0 -0.7
LPL	La Plagne	81.99 323	eP	P	23 36 39.0 -0.8
GRA1	Grafenberg Arr	82.10 328	eP	P	23 36 39.4 -0.9

GRF	Grafenberg Arr	82.10 328	eP	P	23 36 39.4 -0.9
GRF	comp=Z,89nm,1.7s,mb5.4				
ORIF	Oris-Rattie	82.14 322	eP	P	23 36 40.7 +0.1
ORIF	comp=Z,136nm,1.8s,mb5.3				
CLL	Collin	82.27 330	iP	P	23 36 41.8 +0.7
CLL	comp=Z,logAT=1.6,mb5.3				
CLL	Collin	82.27 330	iP	P	23 36 41.8 +0.7
CLL	comp=Z,83nm,2.0s,mb5.3				
CLL	Collin	82.27 330	iP	P	23 36 41.8 +0.7
CLL	comp=Z,83nm,2.0s,mb5.3				
CLL					23 37 01.0
CLL					23 37 16.0
MOX	Moxa	82.51 329	iP	P	23 36 43.1 +0.7
MOX	comp=Z,logAT=1.3,mb5.1				
MOX	Moxa	82.51 329	eP	P	23 36 43.1 +0.7
MOX	comp=Z,41nm,1.9s,mb5.1				
HIA	Moxa	82.51 329	eP	P	23 36 43.1 +0.7
HIA	comp=Z,41nm,1.9s,mb5.1				
HALL	Hallar	82.53 33	eP	P	23 36 42.5 0.0
HALL	comp=Z,7.3nm,0.3s,mb5.3				
CN2	Changchung	82.56 40	eP	P	23 36 42.3 -0.5
CN2	comp=Z,20nm,0.7s,mb5.3				23 46 58.1 +0.6
CN2	comp=N,200nm,15.0s,MS4.9				
CN2	comp=E,300nm,15.0s,MS4.9				
CN2	comp=Z,300nm,17.0s,MS4.7				
RUE	Ruedersdorf	82.69 331	eP	P	23 36 43.8 +0.6
RUE	comp=Z,72nm,1.8s,mb4.5				
BFO	Black Forest	82.76 326	eP	P	23 36 43.2 -0.5
BFO	comp=Z,72nm,1.9s,mb5.4				
BFO	Black Forest	82.76 326	eP	P	23 36 43.2 -0.5
BFO	comp=Z,72nm,1.9s,mb5.4				
VIVF	Saint-Julien	82.82 322	eP	P	23 36 44.0 -0.1
VIVF	comp=Z,79nm,1.7s,mb5.2				
CABF	La Chapelle	82.99 324	eP	P	23 36 44.9 -0.1
CABF	comp=Z,39nm,1.3s,mb5.0				
HDF	Hinterfeld	83.26 325	eP	P	23 36 45.6 -0.7
HDF	comp=Z,29nm,1.1s,mb4.9				
CHFP	Champ du Feu	83.38 326	eP	P	23 36 46.4 -0.5
CHFP	comp=Z,56nm,1.4s,mb5.1				
MTLF	Montleieu	83.50 319	eP	P	23 36 47.5 -0.1
MTLF	comp=Z,90nm,1.4s,mb5.3				
HAU	Haudompre	83.64 325	eP	P	23 36 47.8 -0.5
HAU	comp=Z,58nm,1.4s,mb5.2				
CLZ	Clausthal	83.88 330	eP	P	23 36 49.1 -0.3
CLZ	comp=Z,90nm,1.4s,mb5.5				
SMF	Signal de Mont	84.29 323	eP	P	23 36 50.9 -0.7
CAF	Calviac	84.42 321	eP	P	23 36 51.1 -1.2
CAF	comp=Z,33nm,1.4s,mb5.0				
EPF	Esparrros	84.51 318	eP	P	23 36 52.7 -0.1
LOR	Lormes	84.62 323	eP	P	23 36 52.0 -1.2
LOR	comp=Z,75nm,1.6s,mb5.3				
MEZF	Maizieres J'vi	84.64 325	eP	P	23 36 53.2 -0.1
SSF	Saint Sauge	84.71 323	eP	P	23 36 53.3 -0.4
SSF	comp=Z,50nm,1.4s,mb5.5				
FINES	FINES Array B	84.72 342	P	P	23 36 54.0 +0.6
FINES	comp=Z,66nm,1.4s,mb5.6,baz=146,slow=6.9,SNR=15				00 12 43.2
FINES	FINES Array B	84.72 342	iP	P	23 36 54.0 +0.6
FINES	comp=Z,224nm,21.5s,MS4.5,baz=105,slow=34				
FINES	FINES Array B	84.72 342	iP	P	23 36 54.0 +0.6
FINES	comp=Z,67nm,1.4s				
RGF	Bois d'Agland	84.82 322	eP	P	23 36 54.4 +0.2
RGF	comp=Z,65nm,1.4s,mb5.0				
BGF	Sts Rejaudoux	84.95 321	eP	P	23 36 55.0 +0.1
BGF	comp=Z,104nm,1.6s,mb5.4				
ETSF	Etsaut	85.02 318	eP	P	23 36 55.2 -0.1
TCF	Touix Ste Croi	85.02 322	eP	P	23 36 55.3 -0.1
KAF	Kangasniemi	85.20 343	eP	P	23 36 55.4 -0.3
BSEG	Bad Segeberg	85.22 331	eP	P	23 36 56.0 0.0
BSEG	comp=Z,96nm,2.4s,mb5.5				
LFF	La Frestelle	85.23 320	eP	P	23 36 56.0 -0.3
LFF	comp=Z,82nm,1				

501

Table with columns: SDCO, Great Sand Dun, 25.80 336 eP, P, 00 39 57.7+1.7, etc. Includes stations like HWUT, PDAR, PDAR, SADO, REDW, SNOW, SNOW, WUWY, NVAR, NVAR, TPWW, MPOW, MOOHW, MCMT, BOZ, ULM, SAML, YBH, LNOR, NEWP, DPW, SCHQ, SCHQ, YKA, DLBC, DLBC, FRB, FRB, CPUP, BDFB, INK, INK, RCBR, ILAR, EKA, ESKA, ESDC, ARCS, ARCS, DBIC, FINES, VNA3, VNA3, VNA1, VNA1, VNA2, VNA2, SNA4, SNA4, SONM, WBJ, WBJ, NJ2, NJ2, CASY, CASY, LZH, LZH, LZH, STKA, WRA, ASAR, CMAR.

IDC 20 00:51:10.0,60.0, 14.54S, 167.15E, mb4.4/3, mb1 4.6/3, mb1mx4.1/12, Error ellipse: s-maj=1021.0km s-min=105.9km az=65.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BKM, DZM, STKA, ASAR.

NEIC 20 00:58:52.4, 34.59N, 4.22W, MG3.5(MDD), After MDD. MDD 20 00:58:52.4, 34.59N, 4.22W, MG3.5, Error ellipse: s-maj=23.0km s-min=10.1km az=4.0, PRXIMO, Morocco

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like EMEL, EMUJ, ELOJ, ESPR, ESPR, ELUQ, ELUQ, EQES, EQES.

2004 SEP

Table with columns: EADA, Adamuz, 3.58 355 P, Pn, 00 59 48.0 -2.3, etc. Includes stations like EMIN, EMIN, ETOB, ETOB, EBAD, EBAD, ESDC, ESDC.

NEIC 20 00:59:54.3: 1.1, 21.53N, 93.62E, h92km, 13km, mb4.5/1, Error ellipse: s-maj=34.2km s-min=10.2km az=220.0

IDC 20 00:59:54.5: 1.1, 21.96N, 94.02E, h88km, 46km, mb3.3/4, mb1 3.5/5, mb1mx3.2/17, Error ellipse: s-maj=90.8km s-min=20.0km az=55.0

ISC 20 00:59:53.1: 1.3, 21.81N, 92.93E, 0.2, h100km, 16km, n16, c134/23, mb3.7/5, Myanmar

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SHL, SHL, CMAR, CMAR, LSA, LSA, PKI, PKI, KKN, KKN, KKN, KKN, DMN, DMN, GKN, GKN, GKN, GKN, KOLN, KOLN, KOLN, KOLN, MKAR, MKAR, WRA, WRA, WRAB, WRAB, ASAR, ASAR, GERES, GERES.

IDC 20 01:50:54.2: 6.1, 7.95S, 120.55E, h152km, 60km, mb3.4/2, mb1 3.3/4, mb1mx3.1/14, Error ellipse: s-maj=119.0km s-min=38.0km az=48.0, Flores Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, STKA, STKA.

GUC 20 02:00:58.2: 1.0, 27.52S, 69.33W, h120km, MD3.7, ML4.4, Northern Chile

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CPCH, CPCH, CPCH, CPCH, VACH, VACH, VACH, VACH, TLL, TLL, TLL, TLL, CPNI, CPNI, CMCH, CMCH.

IDC 20 02:24:08.9: 1.6, 3.99N, 125.47E, mb4.1/5, mb4 1.4/3, mb1mx3.9/16, Error ellipse: s-maj=104.0km s-min=21.9km az=67.0

ISC 20 02:24:11.8: 1.5, 3.9N, 0.3, 125.3E, 0.7, h33km, n7, c0538/7, mb4.0/5, Talaud Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, STKA, STKA, MKAR, MKAR.

NIED 20 02:37:27.0: 0.1, 33.01N, 136.72E, h38km, 4km, M3.5, Error ellipse: s-maj=79.48x1014 NP1, 352°, 886°, 143°. NP2: 85°, 853°, 15°.

JMA 20 02:37:27.0: 0.1, 33.01N, 136.72E, h38km, 4km, M3.5, Error ellipse: s-maj=79.48x1014 NP1, 352°, 886°, 143°. NP2: 85°, 853°, 15°.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JMWZ, JMWZ, TK01, TK01, TK02, TK02, JKN, JKN, JIE, JIE, JIE, JIE, JMW, JMW, JMW, JMW, JYJ, JYJ, TK04, TK04, TSUJ, TSUJ, TSUJ, TSUJ, JHE, JHE, JAI, JAI.

20d 3h

Table with columns: JAJ2, Tsuna, 2.05 313 P, P, 02 38 01.2 +0.8, etc. Includes stations like JMN, JMN, JMT, JMT, JMT, JMT, MAT, MAT, MAT, MAT.

STR 20 03:01:02.6: 0.3, 42.84N, 1.48W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 03:01:03.7: 0.4, 42.89N, 1.45W, h2km, M2.6/2, M2.3/7, Error ellipse: s-maj=6.7km s-min=4.9km az=36.0

MDD 20 03:01:04.0: 0.4, 42.88N, 1.43W, h6km, 4km, mblg1.7/7, Error ellipse: s-maj=3.2km s-min=2.2km az=39.0, Aftershock PLICA PRXIMO

ISC 20 03:01:01.9: 0.7, 42.89N, 0.03x1.51W, 0.05, h11km, 3km, n28, c139/46, Pyrenees

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SJPF, SJPF, EALK, EALK, OSSF, OSSF, OSSF, OSSF, LARF, LARF, LARF, LARF, ORDF, ORDF, ATE, ATE, FADF, FADF, ETSF, ETSF, VIEF, VIEF, LARF, LARF, RESF, RESF, EPF, EPF, EPF, EPF, ESAC, ESAC, MELF, MELF, ETOR, ETOR, ETOR, ETOR, EMIR, EMIR, EPOB, EPOB, EPOB, EPOB, LFF, LFF, LFF, LFF, EMOS, EMOS, EMOS, EMOS, MTLF, MTLF, MTLF, MTLF, RJF, RJF, RJF, RJF, CAF, CAF, CAF, CAF, LASF, LASF, LASF, LASF.

LDG 20 03:16:47.9: 0.4, 42.86N, 1.49W, h2km, M2.5/2, M2.0/5, Error ellipse: s-maj=6.2km s-min=4.4km az=53.0

STR 20 03:16:47.0: 0.2, 42.85N, 1.49W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 20 03:16:49.1: 0.4, 42.87N, 1.42W, h6km, 5km, mblg1.7/7, Error ellipse: s-maj=3.3km s-min=1.9km az=45.0, Aftershock PLICA PRXIMO

ISC 20 03:16:46.3: 0.6, 42.83N, 0.03x1.51W, 0.05, h9km, 4km, n26, c120/44, Pyrenees

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SJPF, SJPF, EALK, EALK, LARF, LARF, LARF, LARF, OSSF, OSSF, OSSF, OSSF, ORDF, ORDF, ATE, ATE, FADF, FADF, ETSF, ETSF, VIEF, VIEF, LARF, LARF, ESAC, ESAC, RESF, RESF, EPF, EPF, EPF, EPF, SALF, SALF, ETOR, ETOR, ETOR, ETOR, EMIR, EMIR, EMIR, EMIR.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like EMOS Mosqueruela, LFF La Frestaie, etc.

STR 20 05:08:10.7:0.4, 42.84N:1.52W, h5km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like SJPF Ste Jean, EALK Alkurruntz, etc.

PRU 20 05:12:56.3:1.0, 51.48N:16.16E, ML2.7, Mining Induced, ISC 20 05:12:52.3:1.0, 51.48N:0.05:16.17E:0.04, n10, s116/21, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like KSP Ksiaz, KSK Upice, etc.

KRSC 20 05:14:34.3:1.2, 55.61N:166.22E, h39km, 13km, ML3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like BKI Bering, KBTR Krutoberegovo, etc.

LDG 20 05:11:08.9:0.4, 42.88N:1.46W, h2km, Md2.5/2, M12.4/6, Error ellipse: s-maj=6.7km s-min=5.2km az=35.0

STR 20 05:11:08.1:0.1, 42.85N:1.49W, h5km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 20 05:11:09.4:0.5, 42.86N:1.41W, h7km, 5km, mbLg1.9/9, Error ellipse: s-maj=3.9km s-min=2.3km az=51.0, PRXIMO AftershockPLICA

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like SJPF Ste Jean, EALK Alkurruntz, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like ETOR, EPOB, EPOB, etc.

PRU 20 05:12:56.3:1.0, 51.48N:16.16E, ML2.7, Mining Induced, ISC 20 05:12:52.3:1.0, 51.48N:0.05:16.17E:0.04, n10, s116/21, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like KSP Ksiaz, KSK Upice, etc.

KRSC 20 05:14:34.3:1.2, 55.61N:166.22E, h39km, 13km, ML3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like BKI Bering, KBTR Krutoberegovo, etc.

STR 20 05:27:52.7:0.1, 42.84N:1.51W, h5km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 05:27:53.3:0.4, 42.86N:1.48W, h2km, Md2.6/2, M12.2/6, Error ellipse: s-maj=6.4km s-min=4.9km az=42.0

MDD 20 05:27:54.1:0.4, 42.87N:1.42W, h7km, 5km, mbLg1.7/6, Error ellipse: s-maj=3.5km s-min=2.6km az=31.0, PRXIMO AftershockPLICA

ISC 20 05:27:52.1:0.6, 42.85N:0.03:1.48W:0.05, h14km, 3km, n23, s1909/41, TC, Pyrenees

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like SJPF Ste Jean, EALK Alkurruntz, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like ESAC, SALF Salau, etc.

NEIC 20 05:29:05.9:0.2, 60.91N:151.87W, h89km, 2km, mb.4.1/5, Error ellipse: s-maj=3.3km s-min=2.5km az=131.0

NEIC Felt [I] at Anchorage, Chugiak and Seward. IDC 20 05:29:08.2:2.5, 61.20N:151.94W, h108km, 21km, mb3.8/13, mb1.3/9.18, mb1mx3.9/23, Error ellipse: s-maj=18.2km s-min=15.1km az=17.0

ISC 20 05:29:04.8:0.2, 60.90N:0.02:151.84W:0.04, h98km, 2km, n114, s0597/138, mb4.0/17, Kenai Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like BKG Blockade Glaci, SPK Mount Spurr, etc.

Table with columns: DLBC, BBB, YKA, YKA FX1, EDM, NEW, HLID, NVAR, PDAR, TPNV, FRB, WMOK, SCHO, KEV, ARCES, SONMI, KAF, NOA, FINES, MKAR, MOX, AKASG, GERES, CMAR. Includes station names, coordinates, and various parameters.

STR 20 05:30:26.5-0.1, 42.79N-1.49W, h5km, 1km, M12.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 05:30:27.0-0.4, 42.88N-1.46W, h2km, M2.2/2, M12.2/7, Error ellipse: s-maj=7.4km s-min=5.2km az=40.0

MDD 20 05:30:28.7-0.5, 42.86N-1.39W, h9km, 4km, mblg1.7/6, Error ellipse: s-maj=4.2km s-min=2.2km az=44.0, PRXIMO AftershockPLICA, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ste Jean, Larrau, Alkurruntz, etc.

STR 20 05:32:18.3-1.3, 42.62N-1.80W, h5km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 05:32:28.0-0.6, 42.92N-1.51W, h2km, M2.0/2, M12.1/4, Error ellipse: s-maj=10.8km s-min=7.6km az=24.0

MDD 20 05:32:29.3-0.6, 42.87N-1.43W, h9km, 5km, mblg1.7/6, Error ellipse: s-maj=4.6km s-min=3.3km az=58.0, PRXIMO AftershockPLICA, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ste Jean, Larrau, Alkurruntz, etc.

Table with columns: MTLF, RJF, CAF, MTLF. Includes station names and parameters.

THE 20 05:41:17.3, 38.62N-22.80E, h7km, M12.7, NEIC 20 05:41:19.3, 38.69N-22.83E, h8km, M12.9(ATH), After ATH

ATH 20 05:41:19.3, 38.69N-22.83E, h8km, 4km, M2.0/7, M12.9, ISC 20 05:41:18.4-0.7, 38.69N-0.04-22.81E, 0.05, h5km, 9km, n11, c0579/15, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Lokris, Agios Georgios, etc.

DJA 20 05:43:46.9-1.3, 8.94S-115.25E, h96km, 10km, MD4.8/3, M14.8/2, 5C-1D, Error ellipse: s-maj=31.2km s-min=10.4km az=7.0, Bali region

STR 20 05:56:34.8-0.4, 42.87N-1.51W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 05:56:35.0-0.4, 42.88N-1.46W, h2km, M2.2/2, M12.1/6, Error ellipse: s-maj=6.5km s-min=4.3km az=41.0

MDD 20 05:56:35.9-0.4, 42.84N-1.41W, h9km, 5km, mblg1.7/9, Error ellipse: s-maj=3.5km s-min=2.2km az=43.0, PRXIMO AftershockPLICA

ISC 20 05:56:33.8-0.7, 42.87N-0.03-1.51W, 0.05, h14km, 3km, n25, c121/42, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ste Jean, Larrau, Alkurruntz, etc.

STR 20 05:57:41.5-13.0, 3.32N-96.13E, h249km, 123km, mb3.1/5, mb1.3/3.6, mb1mx3.2/16, Error ellipse: s-maj=115.0km s-min=16.4km az=62.0

ISC 20 05:57:17.3-1.4, 3.2N-0.2-95.9E-0.2, h33km, n8, c0529/8, mb3.0/5.7, 1C, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ipoh, Chiang Mai Arr, etc.

Table with columns: PRXIMO AftershockPLICA, Pyrenees. Lists stations like Ste Jean, Larrau, Alkurruntz, etc.

NEIC 20 06:06:52.5-1.0, 23.27S-177.68W, h250km, h4.3/6, Error ellipse: s-maj=32.8km s-min=20.4km az=167.0

IDC 20 06:06:59.0-17.0, 23.07S-177.82W, h307km, 147km, mb3.7/6, mb1.3/9.6, mb1mx3.7/13, Error ellipse: s-maj=113.0km s-min=47.9km az=131.0

ISC 20 06:06:51.6-1.3, 23.15S-0.3-177.80W, 2.2, h250km, n19, c0579/16, mb4.0/9, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Charters Tower, Port Moresby, etc.

WEL 20 06:15:31.8-0.2, 37.69S-179.49W, h33km, M13.9/1, Error ellipse: s-maj=1.8km s-min=1.5km az=90.0, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Matakaoa Point, Puketiti, etc.

STR 20 06:20:57.9-0.6, 42.86N-1.51W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 06:20:58.5-0.5, 42.88N-1.47W, h2km, M2.4/4, Error ellipse: s-maj=7.2km s-min=5.9km az=46.0

MDD 20 06:20:59.2-0.4, 42.87N-1.42W, h6km, 5km, mblg2.0/7, Error ellipse: s-maj=3.3km s-min=2.0km az=43.0, PRXIMO AftershockPLICA

ISC 20 06:20:56.8-0.7, 42.84N-0.03-1.50W, 0.05, h6km, 4km, n26, c111/41, 1C-1D, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ste Jean, Alkurruntz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like XRY Khrisi, XRY Khrisi, XRY Anoyia, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPZ Rata Peaks, STKA Stephens Creek, WB2 Warramunga Arr, etc.

IDC 20 09:22:08.6-45.0, 17.00S-174.65W, mb4.1/3, mb1 4.2/3, mb1mx3.9/12, Error ellipse: s-maj=846.0km s-min=169.5km az=79.0, Tonga Islands

MOS 20 09:43:17.7-1.0, 53.69N:160.65E, h27km, mb4.4/1, Error ellipse: s-maj=27.5km s-min=10.4km az=71.9

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 20 09:48:30.3-3.5, 36.42N-9.94W, h9km, 106km, mbd2.2/2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTEO Sta Teotónio, PALC Alcouthim, PBEJ Beja, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, etc.

NEIC 20 10:42:45.6-4.8, 13.20S:167.16E, h197km, 41km, mb4.5/15, Error ellipse: s-maj=21.0km s-min=11.0km

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

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

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

20d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like ETSF, ESDC, ESDC.

PDG 20 10:46:59.3:0.2, 41.55N:20.02E, h10km, 1km
NEIC 20 10:46:59.3, 41.55N:20.02E, h10km, MD3.(PDG), After PDG.

TIR 20 10:46:59.1, 41.64N:20.02E, h15km, M12.5
ISC 20 10:46:59.0:0.4, 41.55N:0.03:20.14E:0.04, h10km, n16, e146:30, 6C:4D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like QSH, TIR, OHR, ULC, etc.

NEIC 20 11:14:34.6, 42.86N:1.49W, h5km, ML2.(STR), ML2.5(LDG), MN2.3(MDD), After STR.

STR 20 11:14:34.6:0.2, 42.86N:1.49W, h5km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 20 11:14:35.3:0.4, 42.89N:1.48W, h2km, M2.6, M2.6, Error ellipse: s-maj=6.2km s-min=3.8km az=50.0

MDD 20 11:14:35.7:0.3, 42.87N:1.44W, h6km, 4km, mblg2, 1/12, Error ellipse: s-maj=3.0km s-min=2.2km az=34.0, PRXIMO Aftershock PLICA

ISC 20 11:14:33.6:0.5, 42.88N:0.02:1.50W:0.03, h12km, 3km, n38, e125/68, 1C, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like SJPF, EALK, LARF, etc.

2004 SEP

Table with columns: ECAL, Sn, S, N, I, S, C. Includes stations like ECAL, LASF, TCF, etc.

NEIC 20 11:18:12.8:0.7, 13.21N:144.76E, mb3.9/8, mb1 4.1/8, mb1mx4.1/19, MS3.4/4, Mst1 3.4/4, ms1mx3.1/22, Error ellipse: s-maj=32.6km s-min=17.0km az=102.0

NEIC 20 11:18:19.1:0.9, 13.15N:144.72E, h43km, 9km, mb4.6/2, Error ellipse: s-maj=22.0km s-min=8.4km az=108.0

NEIC Fell at Tanning, ISC 20 11:18:18.1:0.8, 13.17N:0.09:144.7E:0.2, h52km, 8km, n20, e0586/18, mb4.0/11, MS3.3/4, 2D, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like GUMO, GUMO, SAMPN, etc.

STR 20 11:22:42.3:0.3, 42.82N:1.49W, h5km, 1km, M12.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 20 11:22:42.3, 42.82N:1.49W, h2km, ML2.7(LDG), ML2.5(STR), MN2.2(MDD), After STR.

LDG 20 11:22:43.2:0.4, 42.87N:1.47W, h2km, M2.8/2, M12.7/7, Error ellipse: s-maj=6.9km s-min=4.2km az=43.0

MDD 20 11:22:44.0:0.4, 42.87N:1.43W, h5km, 4km, mblg2, 1/11, Error ellipse: s-maj=3.2km s-min=2.1km az=37.0, PRXIMO Aftershock PLICA

ISC 20 11:22:41.3:0.6, 42.85N:0.03:1.53W:0.04, h13km, 3km, n38, e120/59, 2C, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like SJPF, EALK, LARF, etc.

506

Table with columns: MFF, sN, S, N, I, S, C. Includes stations like MFF, LASF, TCF, etc.

NEIC 20 11:54:06.3:0.2, 56.42N:157.40W, mb4.3/10, ML4.5(AEIC), Error ellipse: s-maj=5.3km s-min=3.2km

ISC 20 11:54:06.0:0.6, 56.57N:157.58W, h63km, 3km, mb3.8/18, mb1 4.1/23, mb1mx1.1/26, MS3.3/4, Mst1 3.3/4, ms1mx2.8/24, Error ellipse: s-maj=16.1km s-min=11.3km az=10.0

ISC 20 11:54:04.5:0.2, 56.43N:0.03:157.41W:0.04, h62km, h62km, 8km, pP-P, n122, e141/128, mb4.1/26, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like ANPK, ANPK, KJL, CAHL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Black Hills, Lac du Bonnet, Ladron, WMOVIC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like RATI, RATI, INGI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like LMEL, LMEL, LMEL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like URZ, URZ, CTA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SJPFF, SJPFF, EALK, etc.

IDC 20 13:45:42.2-4.8, 32.50N-83.94E, mb3.5/2, mb1 3.6/4, mb1mx3.5/1.7, ML3.0/3, Error ellipse: s-maj=207.0km s-min=39.5km az=69.0, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MKAR, MKAR, CMAR, etc.

NEIC 20 13:58:10.1, 34.95S-70.54W, h2km, ML3.0(GUC), After GUC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SFDO, SFDO, SFDO, etc.

IDC 20 14:04:34.6-7.8, 10.0S-129.75E, mb3.7/1, mb1 3.5/4, mb1mx3.3/1.1, ML3.0/3, Error ellipse: s-maj=84.2km s-min=53.4km az=146.0, Timor Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like FITZ, FITZ, WRA, etc.

IDC 20 14:08:38.4, 14.0, 0.29N-127.21E, h117km, 147km, mb3.5/4, mb1 3.6/5, mb1mx3.5/1.3, ML3.5/1, Error ellipse: s-maj=88.0km s-min=28.4km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like FITZ, FITZ, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BKM, DZM, DZM, etc.

MAN 20 14:17:03.3, 10.37N-126.22E, h75km, mb3.6, ML2.3, MS1.8, 10 Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SCPH, SCPH, MSLP, etc.

KNET 20 14:25:21.9, 0.3, 42.52N-75.22E, h21km, 5km, ml2.7, Error ellipse: s-maj=25.6km s-min=1.6km az=34.0

NNC 20 14:25:28.8, 3.6, 42.19N-76.34E, mv3.1, Error ellipse: s-maj=27.2km s-min=27.5km az=130.0

ISC 20 14:25:23.1, 0.5, 42.54N-0.04, 75.23E, 0.05, h20km, 11km, n9, e043/17, 8C-7D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KBK, KBK, KZA, etc.

ISC 20 14:36:50.1, 3.5, 49S-103.12E, mb4.4/10, mb1 4.4/10, mb1mx4.3/1.6, Error ellipse: s-maj=53.7km s-min=14.6km az=55.0

NEIC 20 14:36:53.1, 0.7, 5.49S-103.15E, h20km, mb4.7/8, Error ellipse: s-maj=25.6km s-min=6.2km az=54.0

ISC 20 14:36:53.0, 0.8, 5.55S-101.103E, 2.0, h33km, n24, e077/23, mb3.4/15, 1C-3D, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HFS, HFS, NC6, etc.

IDC 20 14:36:50.1, 3.5, 49S-103.12E, mb4.4/10, mb1 4.4/10, mb1mx4.3/1.6, Error ellipse: s-maj=53.7km s-min=14.6km az=55.0

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

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Table with columns: EPOB, Pobllet, SNR=7.9, 2.50 128 Pn Pn, 18 50 24.4 +0.3, MELF Melles, 1.64 90 Pg Pg, 18 52 15.3 -1.4, BER Rundenanden, 0.53 341 P/P, 19 00 11.4 -0.1

STR 20 18:51:44.1±0.6, 42.82N±1.47W, h10km, 1km, M13.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SJPFF Ste Jean, 0.29 39 Op Pg, 18 51 52.1 +1.0

Table with columns: MELF Melles, 1.64 90 Pg Pg, 18 52 15.3 -1.4, BER Rundenanden, 0.53 341 P/P, 19 00 11.4 -0.1

STR 20 18:51:44.1±0.6, 42.82N±1.47W, h10km, 1km, M13.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SJPFF Ste Jean, 0.29 39 Op Pg, 18 51 52.1 +1.0

Table with columns: BER Rundenanden, 0.53 341 P/P, 19 00 11.4 -0.1, KONGSBERG, 2.46 96 eP Sg, 19 01 23.6 +6.9

STR 20 19:04:38.4±0.3, 42.81N±1.51W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SJPFF Ste Jean, 0.26 28 Op Pg, 19 04 45.7 -0.5

STR 20 19:14:36.5±0.0, 42.84N±1.48W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SJPFF Ste Jean, 0.27 30 Op Pg, 19 14 43.0 -0.5

ATH 20 19:53:27.9, 36.21N±29.29E, h40km, M2.9/3, NEIC 20 19:53:34.8±0.8, 36.27N±28.73E, h54km, 33km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ARG Arkhangelos, 0.49 272 eP P, 19 01 43.2 -0.5

WMQ	Urumsj	53.89 310	P	P	20 57 39.4 +0.8
WMQ			PP	PP	20 59 42.6 +1.2
WMQ			ES	SS	21 05 08.5 -0.6
WMQ			SS	SS	21 08 49.4 -0.6
WMQ			AMB	AMB	
WMQ	comp=Z,12nm,0.8s,mb4.9		LR	LR	
WMQ	comp=N,209nm,22.5s,MS4.3		LR	LR	
WMQ	comp=E,189nm,19.2s,MS4.3		LR	LR	
WMQ	comp=Z,285nm,24.0s,MS4.2		LR	LR	
PKI	Pulchoki	55.76 290	eP	P	20 57 52.7 +0.3
KKK	Kakani	55.85 291	eP	P	20 57 53.3 +0.2
DMN	Daman	56.03 290	eP	P	20 57 54.4 +0.1
GKN	Gorkha	56.40 291	eP	P	20 57 57.3 +0.3
TGO	Toolangi	57.30 281	eP	P	20 58 03.0 -0.3
KOLN	Koldanda	57.53 291	eP	P	20 58 03.7 0.0
MKAR	Makanchi Array	57.97 313	eP	P	20 58 07.2 -0.6
MKAR	Makanchi Array	57.97 313	eP	P	21 23 40.9
MKAR	Makanchi Array	57.97 313	eP	P	20 58 07.2 -0.6
KLBR	Kellerberrin	58.19 209	eP	P	20 58 08.9 -0.7
NVS	Novosibirsk	58.40 323	l/P	P	20 58 08.6 -2.1
NVS			pmx	pmx	
NVS	comp=N,23nm,2.0s		pmx	pmx	
NVS	comp=Z,33nm,2.0s,mb5.0		pmx	pmx	
NVAO	Narrogin (SRO)	59.55 208	P	P	20 58 19.0 0.0
NVAO	Narrogin (SRO)	59.55 208	P	P	20 58 18.6 -0.5
IMA	Indian Moutai	59.82 24	P	P	20 58 19.7 -0.7
FIB	Fire Island	59.92 30	Pn	P	20 58 20.3 -0.9
KURK	Kurchatov	60.68 318	eP	P	20 58 25.4 +1.1
KURK	Kurchatov	60.68 318	eP	P	20 58 25.2 -1.3
SML	Samuil	60.93 30	P	P	20 58 27.3 -0.7
COLA	College	61.82 26	P	P	20 58 32.6 -1.4
COLA	College	61.82 26	P	P	20 58 34.3 -2.2
THY	Trims Highway	62.41 28	P	P	20 58 35.1 -2.9
URZ	Urewera	64.80 154	P	P	20 58 53.4 -0.6
DAWY	Dawson	66.47 157	P	P	20 58 55.7 -1.1
BVAR	Borovoye Array	65.83 320	eP	P	20 58 59.7 -0.6
BRVK	Borovoye	65.89 320	eP	P	20 59 00.2 -0.5
SNZO	South Karori	66.47 157	P	P	20 59 03.6 -1.1
ZRNK	Zerenda	66.67 320	l/P	P	20 59 04.7 -0.9
RPZ	Rata Peaks	67.38 16	P	P	20 59 07.7 -1.6
INK	Inuvik	67.92 23	P	P	20 59 12.1 -1.2
INK	Inuvik	67.92 23	P	P	20 59 11.8 -1.5
DLBC	Dease Lake	69.86 34	P	P	20 59 26.1 +0.7
DLBC	Dease Lake	69.86 34	P	P	20 59 25.3 -0.1
DBB	Bella Bella	71.76 40	P	P	20 59 36.7 -0.2
BBB	Bella Bella	71.76 40	P	P	20 59 36.7 -0.2
ARU	Arti	72.32 324	l/P	P	20 59 39.0 -1.2
ARU			eP	P	20 59 51.3 -1.4
ARU			eS	SS	21 02 14.6
ARU			eS	SS	21 09 01.2 +2.1
ARU			eS	SS	21 10 44.2 +3.8
ARU			pmx	pmx	21 13 35.8 -3.8
ARU	comp=Z,13nm,1.4s,mb4.7		MLR	MLR	
ARU	comp=Z,100nm,17.0s,MS4.2		MLR	MLR	
ARU	comp=N,100nm,16.0s,MS4.3		MLR	MLR	
ARU	comp=E,100nm,20.0s,MS4.3		MLR	MLR	
ARU	Arti	72.32 324	eP	P	20 59 39.9 -0.3
OSD	Olympics-Snow	75.42 44	P	P	20 59 59.4 +1.1
HDW	Hoodspout	75.88 44	P	P	20 10 02.2 +1.2
CPW	Capitol Peak	75.85 44	P	P	21 00 22.5 +0.9
GNW	Green Gintain	76.05 44	P	P	21 00 02.6 +0.8
YKA	Yellowknife Ar	76.54 28	P	P	20 10 03.3 -1.2
YKA			LR	LR	21 32 47.2
RPW	Rockport	76.68 43	P	P	21 00 05.1 -0.5
HTW	Haystack Looko	76.68 44	P	P	21 00 05.8 +0.2
TDL	Tradedolair La	76.77 45	P	P	21 00 07.0 +0.9
FMW	Mount Fremont	76.97 45	P	P	21 00 07.8 +0.5
SSOR	Sweet Springs	76.99 47	eP	P	21 00 07.5 +0.2
SMOP	Hull Mountain	77.24 49	eP	P	21 01 05.3 +1.5
TDH	Tom, Dick, Har	77.33 46	P	P	21 00 09.7 +0.5
LTY	Liberty	77.55 44	P	P	21 00 10.6 +0.2
YBH	Yreka Blue Hor	77.65 50	P	P	21 00 11.5 +0.4
YBH	Yreka Blue Hor	77.65 50	P	P	21 00 11.3 +0.2
ETW	Entiat	77.67 44	P	P	21 00 11.5 +0.4
CROR	Criterion Ridg	77.96 46	P	P	21 00 13.1 +0.4
WDC	Whiskeytown Da	78.09 51	eP	P	21 00 13.2 -0.3
EPH	Ephrata	78.22 44	P	P	21 00 13.8 -0.3
SAW	Saint Andrews	78.25 43	P	P	21 00 14.2 0.0
MOD	Modoc	79.33 49	eP	P	21 00 19.4 -0.9
LNOR	Linton Mounta	79.52 45	P	P	21 00 22.6 +1.4
NEW	Newport	79.54 42	P	P	21 00 21.2 -0.1
NEW	Newport	79.54 42	P	P	21 00 23.0 -1.0
BEKR	Beckworth	79.89 51	eP	P	21 00 20.3 0.0
WVOR	Wild Horse Val	80.34 48	eP	P	21 00 25.8 +0.1
CMB	Columbia Colle	80.43 53	eP	P	21 00 26.0 -0.3
KEV	Kevo	80.85 342	eP	P	21 00 27.5 -0.3
ARCES	ARCCESS Array B	81.41 342	eP	P	21 00 30.4 -0.3
ARCES			LR	LR	21 40 19.8
NVAR	Mina Array Bea	81.86 52	eP	P	21 00 34.1 +0.4
NVAR	Mina Array Bea	81.86 52	eP	P	21 32 12.8
NVAR	Mina Array Bea	81.86 52	eP	P	21 00 34.1 +0.4
NVAR	Mina Array Bea	81.86 52	eP	P	21 00 34.4 +0.1
MNV	Mina	81.97 52	eP	P	21 00 35.5 +0.9
MSO	Missoula	82.05 43	eP	P	21 00 35.5 +0.9
TPH	Tonopah Spring	82.78 52	eP	P	21 00 38.8 +0.3
ELK	Elko	83.31 49	eP	P	21 00 41.7 +0.6
HRY	Holter Researc	83.44 43	eP	P	21 00 42.2 +0.5
MCMT	McKenzie Canyo	83.49 45	eP	P	21 00 42.3 +0.4
MOS	Moscow	83.66 327	eP	P	21 00 41.0 -1.5
MOS			pmx	pmx	
LCCM	Lewis and Clar	83.74 44	P	P	21 00 43.7 +0.5
TPNV	Topopah Spring	83.99 53	eP	P	21 00 44.4 +0.2
QLMT	Earthquake Lak	84.42 44	eP	P	21 00 47.6 +1.0
OBN	Obninsk	84.48 327	eP	P	21 00 46.9 +0.2
OBN			pmx	pmx	
OBN	comp=Z,6.0nm,0.6s,mb4.9		MLR	MLR	
OBN	comp=Z,200nm,21.0s,MS4.5		MLR	MLR	
OBN	Obninsk	84.48 327	P	P	21 00 46.8 +0.2

IMW	Indian Meadow	85.10 45	eP	P	21 00 51.3 +1.3
GCMT	Greycliff	85.18 43	eP	P	21 00 51.3 +0.9
DUG	Dugway	85.23 49	eP	P	21 00 51.3 +0.5
MOON	Noise Ponds	85.29 45	eP	P	21 00 52.0 +1.0
NEN	Nelson	85.42 54	eP	P	21 00 52.3 +0.5
LDFC	Landfair	85.42 54	eP	P	21 00 52.3 +0.4
KAF	Kangasniemi	85.44 336	eP	P	21 00 50.5 -0.8
HWUT	Hardware Ranch	85.57 47	eP	P	21 00 52.9 +0.5
FFC	Flin Flon	85.66 33	eP	P	21 00 53.2 +0.7
ARUT	Antelope Range	85.68 51	eP	P	21 00 53.8 +0.8
NLU	North Lily Min	85.85 49	eP	P	21 00 54.5 +0.7
TCUT	Toone Canyon	85.87 48	eP	P	21 00 53.6 -0.3
FINES	FINES Array B	85.92 335	eP	P	21 00 53.1 -0.5
FINES			LR	LR	21 41 43.2
FINES			LR	LR	21 41 43.1
FINES	comp=Z,117nm,19.6s,MS4.3,baz=234,slow=37		pmx	pmx	21 00 53.4 -0.2
FINES	FINES Array B	85.92 335	eP	P	21 00 53.4 -0.2
JLU	Jordanelle	86.04 48	eP	P	21 00 55.3 +0.6
DAU	Daniels Canyon	86.25 48	eP	P	21 00 55.6 +0.8
PDAR	Pinedale Array	86.48 46	eP	P	21 00 56.8 -0.1
PDAR			LR	LR	21 33 05.9
SRU	San Rafael	87.28 49	eP	P	21 01 01.2 +0.4
SOC	Sochi	87.78 316	eP	P	21 01 04.2 +1.1
SOC			eP	P	21 01 16.3 +0.4
SOC			ePPP	PPP	21 06 27.3 -2.2
SOC			e	S	21 11 18.9
SOC			eS	S	21 11 40.4 -0.1
SOC			eSS	SS	21 17 31.2 -0.1
SOC			eSSS	SSS	21 21 01.0 -2.2
SOC			pmx	pmx	
SOC	comp=Z,3.0nm,0.5s,mb4.8		pmx	pmx	
SOC	comp=N,7.0nm,0.7s		pmx	pmx	
SOC	comp=E,4.0nm,0.5s		MLR	MLR	
SOC	comp=E,218nm,20.0s,MS4.6		MLR	MLR	
SOC	comp=N,117nm,18.0s,MS4.6		MLR	MLR	
SOC	comp=E,66nm,18.0s		MLR	MLR	
ISCO	Idaho Springs	90.43 47	eP	P	21 01 16.8 +1.0
AKASG	Malin Array B	90.54 326	LR	LR	21 47 06.1
MALT	Malatya	90.97 312	eP	P	21 01 19.0 +0.6
ULM	Lac du Bonnet	91.17 35	P	P	21 01 19.4 +0.4
ULM			LR	LR	21 40 23.1
HFS	Hagfors	91.37 338	eP	P	21 01 18.4 -1.2
SDCO	Great Sand Dun	91.43 49	eP	P	21 01 18.3 -2.2
NOA	NORSAR Array B	91.53 340	eP	P	21 01 18.8 -1.6
NOA			LR	LR	21 46 21.3
NOA	NORSAR Array B	91.53 340	eP	P	21 01 18.8 -1.6
ANMO	Albuquerque	91.98 52	LR	LR	21 46 21.3
TXAR	Lajitas Array	96.61 56	P	P	21 01 45.0 +0.7
TXAR			LR	LR	21 37 33.5
TXAR	comp=E,119nm,21.9s,MS4.3,baz=145,slow=31		PKP	PKP	21 06 45.7
QSPA	South Pole Qui	109.84 180	ePKP	ePKP	21 07 08.5 +2.1
LSZ	Lusaka	121.13 264	ePKPdf	ePKPdf	21 07 14.7 +1.6
SNA	Sanae	125.34 191	ePKPdf	ePKPdf	21 07 29.0 +1.3
VNB	Neumayer-Watz	126.78 190	l/P	l/P	21 07 31.9 +1.6
VNB	Neumayer Olymp	126.88 189	l/P	l/P	21 07 39.3
DBIC	Dumboko	141.16 310	PkHkP	PkHkP	21 07 59.8 +5.5
LPZA	La Paz	147.09 89	ePKPb	ePKPb	21 07 58.9 +4.6
LPZA	La Paz	147.09 89	ePKPb	ePKPb	21 07 58.9 +4.6
LPZA	La Paz	147.09 89	ePKPb	ePKPb	21 08 02.9 +5.1
TRQA	Torquait	149.61 132	ePKPb	ePKPb	21 08 02.9 +5.1
STR 20:48:53.0-0.4, 42.82N, 1.52W, h5km, 1km, M12.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0					
INMG 20:48:54.7-1.1, 42.87N, 1.39W, h8km, 4km, M12.6, Error ellipse: s-maj=3.0km s-min=2.5km az=57.0					
LDG 20:48:55.2-0.3, 42.91N, 1.45W, h2km, M3.3/2, M13.2/18, Error ellipse: s-maj=4.9km s-min=3.3km az=44.0					
NEIC 20:48:55.2-0.2, 42.91N, 1.45W, h2km, M13.2(LDG), M12.6(S17) After LDG.					
MDD 20:48:55.0-0.3, 42.86N, 1.42W, h6km, 2km, mbLg2.6/24, Error ellipse: s-maj=2.3km s-min=2.1km az=21.0					
ISC 20:48:53.0-0.4, 42.97N, 0.02-1.55W, 0.02, h15km, 2km, n89, e132/136, Pyrenees					
Code	Station Name	Δ°	AZ°	Phase ID	Time Res
EALK	Akkuruntz	0.26	7	Op Sg	20 49 01.7 -0.9
SJPF	Ste Jean	0.28	58	ePg eSg	20 49 03.0 0.0
OSSF	Osses	0.36	36	Pg Sg	20 49 02.4 +1.8
OSSF	Osses	0.36	36	Pg Sg	20 49 08.8 +3.1
OSSF	Osses	0.36	36	Pg Sg	20 49 02.5 +2.0
LARF	Larrau	0.42	80	Pg Sg	20 49 01.5 -0.3
LARF	Larrau	0.42	80	Pg Sg	20 49 07.8 +0.2
LARF	Larrau	0.42	80	Pg Sg	20 49 01.6 0.0
LARF	Larrau	0.42	80	Pg Sg	20 49 07.8 +0.4
ORDF	Ordiarp	0.51	61	Pg Sg	20 49 04.4 +0.8
ORDF	Ordiarp	0.51	61	Pg Sg	20 49 04.4 +1.3
ORDF	Ordiarp	0.51	61	Pg Sg	20 49 11.3 +1.2
ATE	Arette	0.63	79	Pg Sg	20 49 05.4 +0.2
ATE	Arette	0.63	79	Pg Sg	20 49 13.7 +0.1
FDFA	Les Forges d'A	0.74	101	Pg Sg	20 49 06.0 -1.9
FDFA	Les Forges d'A	0.74	101	Pg Sg	20 49 16.3 -0.2
REVY	Montagne du Re	0.85	83	Pg Sg	20 49 09.4 -0.9
REVY	Montagne du Re	0.85	83	Pg Sg	20 49 09.5 +0.5
VIEF	Viey	1.16	94	Pg Sg	20 49 13.7 -0.5
VIEF	Viey	1.16	94	Pg Sg	20 49 29.4 +0.6
LABF	Labassere	1.19	86	Pg Sg	20 49 15.5 +0.7
LABF	Labassere	1.19	86	Pg Sg	20 49 30.9 +1.1
EPF	Esparrons	1.39	87	ePg eSg	20 49 20.2 +0.2
EPF	Esparrons	1.39	87	ePg eSg	20 49 36.7 -2.7
RESF	Enns	1.40	96	Pg Sg	20 49 18.8 +0.7
RESF	Enns	1.40			

ISC 20 23:04:32.6±0.4, 67.22N±0.02, 20.74E±0.07, n25, c0993/37, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like DUNU, MASU, KUA, etc.

JMA 20 23:43:21.9, 37.70N, 137.11E, h14km, 1km, M3.6

ISC 20 23:43:22.0±0.7, 37.70N±0.04, 137.11E±0.06, h12km, 6km, n7, c064/14, 2C-2D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like JHG, JSZ, JJH, etc.

ISC 20 23:59:12.5±3.3, 17.4S±0.4, 66.47E±0.6, h10km, n7, c076/7, mb3.9/7, MS3.6/1, Mauritius - Reunion region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CMAR, FITZ, ASAR, etc.

STR 21 00:10:00.5±0.7, 42.84N±1.55W, h5km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 21 00:10:03.0±0.3, 42.93N±1.44W, h2km, M3.0/11, Error ellipse: s-maj=1.1km s-min=3.7km az=35

NEIC 21 00:10:03.0, 42.93N±1.44W, h2km, M3.0(LDG), M2.6(STR), M2.4(MDD), After LDG

MDD 21 00:10:02.4±0.3, 42.87N±1.42W, h4km, 3km, mblg±2.5/13, 1C, Error ellipse: s-maj=2.4km s-min=2.1km az=41.0, Aftershock PLICA PRXIMO, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like SJJF, EALK, LARF, etc.

RESF Ens 1.30 92 Pg Pg 00 10 27.5 -0.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like ESPARROS, ESAC, ELAN, etc.

NIED 21 00:32:00, 33.00N±136.90E, h1km, Mw3.5 Best double couple: M2.33x10^14 NP1: 36.56°, 866°, 1.74°. NP2: 227°, 328°, 1.22°

JMA 21 00:32:07.1±0.1, 33.01N±136.93E, h37km, M3.9

ISC 21 00:32:07.5±1.0, 33.03N±0.06, 136.94E±0.04, h45km, 23km, n16, c0569/29, 10D, Near south coast of western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like TK01, TK02, etc.

JKN Kiinagashima 1.34 335 P P 00 32 30.4 +0.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like JKN, JIE, JWM, etc.

HEL 21 00:41:26.3±0.0, 67.19N±20.70E, ML1.7, ML2.5(UPP), ML1.8(BER), Explosion

BER 21 00:41:26.7±3.5, 67.05N±20.79E, ML1.8, Suspected explosion

ISC 21 00:41:25.2±0.4, 67.19N±0.03, 20.77E±0.07, n22, c099/30, 1C, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like DUNU, MASU, KUA, etc.

IDC 21 00:50:07.9±1.1, 35.36N±29.56E, mb3.6/5, mb1 3.7/9, s-min=18.9km az=3.0

ISK 21 00:50:08.0, 35.20N±29.50E, h8km, M3.8, M3.8

NEIC 21 00:50:14.2, 35.62N±29.33E, h53km, M3.8(ATH), After ATH

ATH 21 00:50:14.2, 35.62N±29.33E, h53km, M3.8/5, NIC 21 00:50:15.4±0.2, 35.36N±29.70E, h25km, mb4.0, M3.7, MW3.2

ISC 21 00:50:11.3±0.3, 35.25N±0.03, 29.53E±0.03, h48km, 8km, n69, c094/91, mb3.5/5, 4C, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like KSL, ARG, ELL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SVIRGONUK, GLH, KSHST, etc.

IDC 21 00:50:09.6-0.7, 5.88N-126.18E, mb4.5/13, mb1 4.6/13, mb1mx4.5/18, MS3.3/3, Ms1 3.4/3, ms1mx3.0/19, Error ellipse: s-maj=58.5km s-min=13.0km az=71.0

NEIC 21 00:50:19.6-6.6, 5.79N-126.14E, h79km, 63km, mb4.8/10, Error ellipse: s-maj=30.2km s-min=11.5km az=70.0

MAN 21 00:50:19.4, 5.66N, 126.54E, h96km, mb5.2, ML4.1, MS4.3

ISC 21 00:50:20.5-0.4, 5.74N, 126.04E, h126.51E, 0.07, h100km, n39, r=135/42, mb4.5/10, 1C-4D, Mindanao

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

IDC 21 00:55:29.3-27.0, 17.14S-175.35W, mb4.2/4, mb1 4.4/4, s-min=14.6km, Error ellipse: s-maj=53.0km s-min=14.6km az=86.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STKA, WB2, WRA, etc.

NEIC 21 01:07:33.6-0.8, 22.72S-68.57W, h104km, 8km, mb4.2/3, Error ellipse: s-maj=15.9km s-min=13.5km az=89.0

IDC 21 01:07:34.4-9.2, 22.79S-68.52W, h12km, 39km, mb3.8/1, mb1 3.5/3, mb1mx3.3/14, Error ellipse: s-maj=53.2km s-min=34.6km az=41.0

ISC 21 01:07:33.0-0.9, 22.8S-0.1-68.5W, 0.2, h105km, 13km, n13, h=82.9, mb4.3/2, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STKA, WB2, WRA, etc.

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

NAO 21 01:09:38.1-2.0, 67.13N-20.63E, ML2.3 HEL 21 01:09:38.7-0.1, 67.18N-20.70E, ML2.3, ML2.7(UPP), ML2.1(BER), Explosion

BER 21 01:09:40.8-4.2, 67.14N-20.69E, ML2.1, ML2.3(NAO), Suspected explosion

ISC 21 01:09:37.4-0.4, 67.20N-0.02-20.74E-0.07, n25, s=1008/39, Sweden

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

NIED 21 01:13:00.34, 20N-132.80E, h50km, Mw4.2 Best double couple: M2.07x1015 NP1.9x146, 887, lambda=170. NP2: delta=237, 880, lambda=3

IDC 21 01:13:16.8-0.8, 34.23N-132.78E, h44km, 5km, mb3.4/8, mb1 3.5/8, mb1mx3.5/22, ML3.9/2, Error ellipse: s-maj=14.9km s-min=7.8km az=130.0

NEIC 21 01:13:17.1-0.6, 34.18N-132.79E, mb4.6/1, MW4.2(NIED), Error ellipse: s-maj=12.8km s-min=11.3km az=143.0

NEIC Felt in Hiroshima and Yamaguchi Prefectures. Recorded [3 JMA] in Hiroshima and [2 JMA] in Okayama, Shimane and Yamaguchi Prefectures. Also recorded [3 JMA] in Ehime, [2 JMA] in Kochi and [1 JMA] in Kagawa Prefectures, Shikoku. Recorded [1 JMA] in Oita Prefecture, Kyushu.

JMA 21 01:13:17.34, 34.25N-132.76E, h48km, M4.2 Broadband fault plane solution: P waves. NP1.9x232, 878, lambda=5. NP2.0x323, 885, lambda=168. Principal axes: T P165, Azm97; N P167; Azm345; P P162, Azm188

JMA Felt III, J. ISC 21 01:13:16.3-0.3, 34.24N-0.03-132.75E-0.03, h55km, 3km, h42km, 1.8km, pp-P, n32, s=693/48, mb3.8/10, 5C-6D, Western Honshu

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

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

NEIC 21 01:20:20.7-0.6, 19.11N-145.31E, h200km, mb4.1/2, Error ellipse: s-maj=35.2km s-min=12.6km az=104.0

IDC 21 01:20:21.5-23.0, 19.11N-145.30E, h203km, 229km, mb3.4/7, mb1 3.7/6, mb1mx3.7/20, Error ellipse: s-maj=37.6km s-min=35.2km az=99.0

ISC 21 01:20:19.2-0.8, 19.1N-0.1-145.3E-0.3, h200km, n11, s=070/11, mb3.6/8, 1C, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRAB, WB2, WRA, etc.

BUI 21 01:47:54.1, 5.33S-134.66E, h30km, mb5.0, mb5.1, Ms4.4, Ms4.2

IDC 21 01:47:58.4-0.6, 4.53S-133.98E, mb4.6/7, mb1 4.8/11, mb1mx4.8/12, ML4.6/4, MS4.3/7, Ms1 4.3/7, ms1mx4.3/10, Error ellipse: s-maj=34.7km s-min=15.8km az=63.0

NEIC 21 01:48:03.2-0.5, 4.81S-133.70E, h30km, mb5.1/23, Error ellipse: s-maj=18.8km s-min=7.4km az=75.0

HRVD 21 01:48:03.2-0.4, 4.37S-133.91E, h12km, MW4.9/54, Centroid moment Tensor Solution. LP body waves: s=9.0/Moment waves: s=54.9/1. Half duration: 0 Moment tensor: Scale 10^16Nm; M1-0.39; I3; M2-0.17; 0; M3-0.57; I1; M4-1.38; 38; M5-2.30; 0; M6-0.34; 32; Best double couple: M2.72x1016 NP1.9x175, 858, lambda=177. NP2.0x383, 887, lambda=32. Principal axes: T 2.94, P162, Azm135; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 21 01:47:58.9-2.3, 4.80S-0.04-133.9E-0.1, h11km, 14km, h18km, 2.4km, pp-P, n75, s=1962/79, mb5.0/32, MS4.2/12, 2C-2D, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KAKA, WRAB, WB2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Adelaide, KLBRR, TOOLING, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GSPA, ILAR, MZLS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like VNA2, VNA1, Neumayer-Stat, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Columbia Colie, Hotter Researc, Chamberlain Mo, etc.

TAP 21 03:30:06.8, 23.21N:122.37E, h117km, ML3.0
JMA 21 03:30:06.0, 2.23.19N:122.86E, h62km, M2.9, Taiwan region

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

CASC 21 03:33:34.2, 0.11.08N:87.08W, h22km, gkm, MD4.1,
ML3.9, 6C-5D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like El Crucero, Copaltepe, Copn, etc.

IDC 21 03:39:36.6, 1.8, 53.05S:24.79E, mb4.2/2, mb1 4.4/2,
mb1mx3.4/2, Error ellipse: s-maj=113.0km s-min=43.5km
az=37.0

NEIC 21 03:39:37.1, 0.7, 53.27S:24.15E, h10km, mb4.8/3, Error
ellipse: s-maj=21.9km s-min=14.7km az=103.0

ISC 21 03:39:34.9, 0.9, 53.2S:0.1, 24.0E:0.3, h10km, n12,
0591/10, mb4.5/0, 4C, South of Africa

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

DJA 21 03:40:06.8, 0.9, 9.39S:115.17E, h76km, gkm, MD5.0/4,
ML3.8/2, 7C-2D, Error ellipse: s-maj=29.1km
s-min=10.0km az=9.0, South of Bali

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

DJA 21 03:54:31.0, 0.9, 8.93S:115.28E, h103km, 5km, MD5.0/4,
ML4.0/2, 3C-7D, Error ellipse: s-maj=24.0km
s-min=7.0km az=6.0, Bali region

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

IDC 21 04:30:21.5, 46.0, 16.96S:171.76W, mb4.0/3, mb1 4.2/3,
mb1mx3.9/15, Error ellipse: s-maj=901.0km
s-min=180.0km az=81.0, Samoa Islands region

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

WRA Warramunga Arr 51.04 258 P 04 39 25.3 -2.5
0.7mm, 0.3s, baz=98, slow=6.9, SNR=28

ASAR Alice Springs 51.15 253 P 04 39 26.6 -2.1
2.5mm, 1.0s, baz=90, slow=8.0, SNR=13

MEX 21 04:35:31.9, 0.6, 17.87N:94.64W, h96km, 133km, MD3.8,
Chiapas

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

LDG 21 04:46:09.1, 0.1, 43.06N:18.12E, h10km, ML3.8/12, Error
ellipse: s-maj=4.0km s-min=2.7km az=32.0

PDG 21 04:46:09.8, 0.2, 43.07N:18.07E, h11km
mb1mx3.7/25, ML3.6/8, Error ellipse: s-maj=29.9km
s-min=13.2km az=19.0

ISC 21 04:46:12.7, 42.84N, 18.15E, h1km, ML4.0,
THE 21 04:46:09.1, 0.3, 43.13N:01.18, 04E, 0.02, h15km, 2km,
n143, 01946/220, 30C-19D, Northwestern Balkan
Peninsula

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

STON Ston 0.36 224 P 04 46 21.6 -0.2
0.46 53.9 -0.5

BRY Bratogost 0.43 121 P 04 46 17.3 -0.8
0.46 23.3 -0.9

UPM Unac-Piva 0.64 83 P 04 46 21.2 -1.0
0.46 31.8 -0.9

HCY Herceg Novi 0.76 153 P 04 46 22.9 -1.5
0.46 34.0 -0.7

NKY Niksic 0.77 114 P 04 46 23.1 -1.6
0.46 34.9 -0.2

PLJ Pljevija 1.01 78 P 04 46 28.4 -1.0
0.46 45.4 -1.2

BUM Brajci-Budva 1.04 142 P 04 46 28.1 -1.9
0.46 43.5 -0.5

TTG Podgorica 1.14 127 P 04 46 29.5 -2.4
0.46 47.1 -0.2

TVG Nova Varos 2 1.27 72 P 04 46 35.2 +0.7
0.46 44.1 +2.5

IVA Berane 1.39 100 P 04 46 35.1 -1.8
0.46 56.4 +0.9

ULC Ulcinj 1.47 142 P 04 46 35.3 -3.2
0.46 57.9 -0.3

PVY Plav 1.52 110 P 04 46 37.0 -2.5
0.46 44.1 +2.5

SDA Skodra 1.52 134 P 04 46 38.4 +2.4
0.47 01.6 +6.0

BCA Bajram Curri 1.68 116 P 04 46 41.0 +2.8
0.47 07.1 +7.6

DIVS Divcibare 1.72 55 P 04 47 00.0 +1.2
0.47 01.6 +2.9

PUK Puka 1.75 128 P 04 46 42.1 +2.9
0.47 43.7 -0.8

LACI Lac 1.94 140 P 04 46 43.7 +1.8
0.47 10.3 +4.2

GRUS Gruza 2.09 68 P 04 46 45.3 +1.2
0.47 15.5 +5.5

GRUS Monte Sant'Ang 2.10 228 P 04 46 46.6 +2.4
0.46 48.0 +3.5

QSH Gafa e Shtames 2.12 139 P 04 47 14.0 +3.2
0.46 48.5 +2.3

TIR Tirane 2.24 142 P 04 47 17.0 +3.3
0.46 48.5 +1.1

RGNG Rignano Grng 2.33 232 P 04 46 48.5 +1.1
0.46 51.7 +2.7

BEO Belgrade 2.43 45 P 04 46 55.6 +9.2
0.47 30.1 0.0

BEO Belgrade 2.45 45 P 04 46 55.6 +9.2
0.46 52.0 +1.5

SVIS Svirac 2.51 239 P 04 46 52.2 +0.9
0.47 27.5 +4.8

SVIS Svislac 2.59 62 P 04 46 53.2 +1.4
0.47 25.7 +1.9

SISC Sisak 2.63 34 P 04 46 54.2 +1.3
0.47 30.3 +1.2

NVLJ Novalija 2.70 303 P 04 46 54.8 +2.5
0.46 54.8 +2.5

FGA Candela 2.74 224 P 04 46 54.9 +1.1
0.46 54.1 +0.4

FG5 Orsara di Pugl 2.76 229 P 04 47 39.2 -2.0
0.46 56.5 +2.7

RHK3 Tenkes 2.77 3 eP 04 47 36.3 +9.1
0.47 51.0

SKO Skopje 2.77 114 P 04 47 36.3 +9.1
0.47 51.0

SKO Skopje 2.80 95 P 04 46 56.3 +2.1
0.47 34.0 +4.0

BARS Barje 0.47 34.0 +4.0
0.47 44.2

OHR Ohrid 2.88 134 P 04 46 56.6 +3.4
0.47 38.1 +6.6

BOLS Bolshakovo 2.97 0 eP 04 46 56.6 +3.4
0.47 02.2 +7.7

RHK1 Bakonya 3.03 230 P 04 46 57.8 +0.2
0.46 59.0 +0.4

MRB1 Monte Rocchett 3.10 230 P 04 47 34.0 -1.6
0.47 01.0 +2.2

MRLC Muro Lucano 3.10 220 P 04 47 04.3 +4.6
0.47 00.6 +1.3

CII Carovilli 3.12 244 P 04 46 59.6 -0.2
0.47 01.2 +0.9

CII Carovilli 3.10 244 P 04 46 59.6 -0.2
0.47 01.2 +0.9

WBY Vinica-Bojanci 3.16 242 P 04 47 39.1 +0.3
0.47 01.2 +0.6

CP12 Caprinone 3.19 226 P 04 47 39.1 +0.3
0.47 02.4 +1.5

CSSN Cassano Irpino 3.23 239 P 04 47 42.4 +1.5
0.47 41.1

GGG Gregorio Mates 3.27 236 P 04 47 42.2 +1.2
0.47 01.0 -0.1

INTR Introdacqua 3.28 219 P 04 47 03.1 +1.7
0.47 01.6 0.0

CRES Cresinevec ost 3.42 132 P 04 47 03.8 +0.8
0.47 42.6 -1.0

FNA Florina 3.46 31 P 04 47 04.1 +0.4
0.47 04.2 -0.3

PKS9 Tamasi 3.52 213 P 04 47 06.1 +1.2
0.47 05.0 -1.5

CRE Caprese Michel 4.46 278 ePn Pn 04 47 19.7 -1.8
ARSA Arzberg 4.49 338 P/Pn Pn 04 47 18.4 +0.1

ARSA Arzberg 4.49 338 P/Pn Pn 04 48 10.2 -0.6
LIT Litokhoron 4.50 311 ePn Pn 04 47 19.1 +0.7

LIT Litokhoron 4.50 311 ePn Pn 04 48 10.0 -1.2
SFG Santa Sofia 4.57 282 ePn Pn 04 47 20.4 -1.4

SOH Sokhos 4.58 118 ePn Pn 04 47 20.8 +1.2
TOLF Tofla 4.58 259 P/Pn Pn 04 47 19.8 +0.3

SRS Serrai 4.59 114 ePn Pn 04 47 20.9 +2.6
GMINA Gemona 4.65 314 ePn Pn 04 47 22.6 +2.1

PTCC Patocco-Chiusa 4.66 312 ePn Pn 04 47 21.4 +0.5
SFR Sforza 4.73 282 ePn Pn 04 47 20.4 +1.4

PLG Polygros 4.98 126 eP Pn 04 47 23.0 -0.9
SEI Scarperia 4.94 283 P/Pn Pn 04 47 26.3 +1.7

PSZ Piszkesteto 4.96 151 ePn Pn 04 47 24.2 -0.8
PSZ Piszkesteto 4.96 151 ePn Pn 04 48 19.6 -3.2

EVRY Evrytania 5.08 145 ePn Pn 04 47 27.5 +1.8
KBA Koelnbreinsper 5.16 322 P/Pn Pn 04 47 29.3 +1.6

KBA Koelnbreinsper 5.16 322 P/Pn Pn 04 48 26.0 -1.7
KBA Koelnbreinsper 5.16 322 P/Pn Pn 04 48 26.0 -4.9

KBA Koelnbreinsper 5.16 322 P/Pn Pn 04 48 26.0 -1.7
KBA Koelnbreinsper 5.16 322 P/Pn Pn 04 48 26.0 -4.9

AGG Agios Georgios 5.23 140 ePn Pn 04 47 28.5 -0.2
AGG Agios Georgios 5.23 140 ePn Pn 04 48 27.5 -0.8

SOM Samo 5.27 197 ePn Pn 04 47 28.0 -0.8
VLS Valsamata 5.31 158 eP Pn 04 47 27.0 -2.9

VYHS Vyhane 5.40 6 ePn Pn 04 47 31.0 -0.1
VYHS Vyhane 5.40 6 ePn Pn 04 48 31.7 -1.9

XOR Xorichti 5.40 132 ePn Pn 04 47 30.4 -0.8
SVR SVR 5.42 332 P/Pn Pn 04 47 32.5 +1.2

MOA Molin 5.42 332 P/Pn Pn 04 48 32.4 -1.7
CTI Castel Tesino 5.42 305 ePn Pn 04 47 30.9 -0.5

KOLL Kolocano 5.46 3 ePn Pn 04 47 31.8 -0.1
BGI Bagni Di Lucca 5.49 282 ePn Pn 04 47 34.3 +2.0

BGLD Bressanogden 5.74 324 P/Pn Pn 04 47 37.5 +1.3
SCE Schlegels 5.95 313 P/Pn Pn 04 47 39.1 +0.3

WTTA Wattenberg 6.13 315 P/Pn Pn 04 47 41.4 0.0
WTTA Wattenberg 6.13 315 P/Pn Pn 04 48 49.4 -2.6

MLR Muntele Rosu 6.14 65 Pn Pn 04 47 45.1 +3.5
MLR Muntele Rosu 6.14 65 Pn Pn 04 48 45.3 +3.9

WATA Walderalm 6.21 315 P/Pn Pn 04 47 43.1 +0.6
WATA Walderalm 6.21 315 P/Pn Pn 04 48 45.4 -2.5

VRAC Vranov 6.26 351 Pn Pn 04 47 45.2 +1.9
VRAC Vranov 6.26 351 Pn Pn 04 48 52.7 -2.6

SOTA Sanit Quirin 6.33 313 P/Pn Pn 04 47 44.2 0.0
SOTA Sanit Quirin 6.33 313 P/Pn Pn 04 48 53.5 -3.4

ALN Alexandroupoli 6.37 108 ePn Pn 04 47 46.1 +1.4
MOTA Moosalm 6.46 313 P/Pn Pn 04 47 46.7 +0.6

MOTA Moosalm 6.46 313 P/Pn Pn 04 48 56.9 -3.4
GERES Geres Arr B 6.47 334 Pn Pn 04 47 46.3 +0.2

GERES Geres Arr B 6.47 334 Pn Pn 04 48 57.5 -2.9
PGF Pioggia 6.67 268 ePn Pn 04 47 48.1 -0.9

PGF Pioggia 6.67 268 ePn Pn 04 48 57.7 -7.8
KHC Kasperse Hory 6.76 334 ePn Pn 04 47 50.5 +0.3

KHC Kasperse Hory 6.76 334 ePn Pn 04 47 59.7 -0.8
KHC Kasperse Hory 6.76 334 ePn Pn 04 48 04.4 -3.2

DAVOS Davos 6.84 305 Pn Pn 04 47 51.5 +0.1
DAVA Damaels 7.10 309 P/Pn Pn 04 47 54.2 -0.9

DAVA Damaels 7.10 309 P/Pn Pn 04 49 12.7 -3.7
PRU Pruhonice 7.27 342 eS/Pn Pn 04 48 25.2 +4.6

SBF Sospel 7.75 279 ePn Pn 04 48 02.7 -1.4
SBF Sospel 7.75 279 ePn Pn 04 49 24.8 -7.6

GRA1 Grafenberg Arr 8.08 327 P Pn 04 48 08.1 -1.6
GRA1 Grafenberg Arr 8.08 327 P Pn 04 50 24.3

MBDF Montbardon 8.29 285 eS/Pn Pn 04 49 06.8 +9.2
FRF La Foret Royal 8.32 277 ePn Pn 04 48 09.5 -2.5

FRF La Foret Royal 8.32 277 ePn Pn 04 49 38.7 -7.9
LMR La Moure 8.42 275 ePn Pn 04 48 11.2 -2.3

LMR La Moure 8.42 275 ePn Pn 04 49 39.8 -9.5
LPG La Plagne 8.43 290 ePn Pn 04 48 10.5 -3.2

LPG La Plagne 8.43 290 ePn Pn 04 49 40.8 -8.8
LPL La Plagne 8.45 290 ePn Pn 04 48 12.3 -1.6

LPL La Plagne 8.45 290 ePn Pn 04 49 41.4 -8.6
MOX Moxa 8.71 332 P Pn 04 48 16.7 -0.8

MOX Moxa 8.71 332 eP Pn 04 48 16.7 -0.8
CLL Collim 8.87 339 eS/Pn Pn 04 51 07.0 +2.6

ORIF Oris-en-Rattie 8.94 286 ePn Pn 04 48 18.4 -2.3
ORIF Oris-en-Rattie 8.94 286 ePn Pn 04 48 52.0 -1.0

SMRF Simiane la Ros 9.09 280 ePn Pn 04 48 19.4 -3.4
HINF Hinterfeld 9.15 305 ePn Pn 04 48 20.1 -3.5

HINF Hinterfeld 9.15 305 ePn Pn 04 48 59.2 -8.1
CABF La Chapelie 9.17 296 ePn Pn 04 48 20.9 -3.0

CABF La Chapelie 9.17 296 ePn Pn 04 48 57.6 -1.0
CDF Champ du Feu 9.19 309 ePn Pn 04 48 19.8 -4.3

CDF Champ du Feu 9.19 309 ePn Pn 04 48 58.9 -9.4
IDI Anoyia 9.46 144 Pn Pn 04 48 25.1 -2.8

IDI Anoyia 9.46 144 Pn Pn 04 50 05.3 -1.0
HAU Hautdompre 9.54 305 ePn Pn 04 48 24.8 -4.1

VIVF Saint-Julien-1 9.79 285 ePn Pn 04 48 28.3 -4.1
SMF Signal de Mont 10.67 294 ePn Pn 04 48 40.9 -3.5

SMF Signal de Mont 10.67 294 ePn Pn 04 50 32.3 -1.2
LOR Lormes 10.83 297 ePn Pn 04 48 43.5 -3.1

LOR Lormes 10.83 297 ePn Pn 04 50 37.2 -1.1
SSF Saint Saour 11.00 296 ePn Pn 04 50 41.4 -1.1

SSF Saint Saour 11.00 296 ePn Pn 04 50 41.4 -1.1
AVF Avril Saur 11.03 294 ePn Pn 04 48 46.5 -2.9

BGF Bois d'Angland 11.32 293 ePn Pn 04 48 50.3 -3.0
HFS Hagfors 17.24 353 Pn Pn 04 50 09.7 -1.0

NOA Pinedale Array 147.80 273 P/Pn Pn 04 50 24.7 -0.4
FINES FINESS Array B 18.96 12 P Pn 04 50 30.9 -1.0

KAF Kangasniemi 19.64 12 eP Pn 04 50 32.0 -7.8
IDC 21 04:52:47.0, 5.8, 51.54S:24.16E, mb4.2/1, mb1 4.4/1,
mb1mx3.7/11, 1D, Error ellipse: s-maj=808.0km
s-min=53.1km az=18.0, South of Africa

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

IDC 21 05:01:21.4, 5.9, 1.72N:122.30E, h468km, 75km, mb3.2/4,
mb1 3.3/5, mb1mx3.1/15, Error ellipse: s-maj=99.1km
s-min=20.6km az=61.0

ISC 21 05:01:22.1, 1.3, 1.8N:0.4, 122.5E:0.7, h500km, n9,
0577/9, mb3.6/4, Minahassa Peninsula, Sulawesi

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

WRA Warramunga Arr 24.54 152 P 05 06 02.2 -0.8
WB2 Warramunga Arr 24.54 152 eP 05 06 02.7 -0.4

ASAR Alice Springs 27.64 157 P P 05 06 30.2 -0.3
ASAR Alice Springs 27.64 157 P P 05 09 32.1 -0.1
STKA Stephens Creek 38.08 153 P P 05 08 00.0 +1.5
STKA Stephens Creek 38.08 153 P P 05 07 60.0 +1.5
MKAR Makanchi Array 56.83 328 P P 05 10 20.0 -0.1

IDC 21 05:10:55.4+1.6, 6.51S; 130.60E, mb4.1/3, mb1 4.4/6,
mb1mx4.2/11, ML4.3/3, MS2.9/2, Ms1 2.9/2, ms1mx2.6/12,
Error ellipse: s-maj=74.0km s-min=20.3km az=67.0
NEIC 21 05:10:57.7+0.9, 6.55S; 130.62E, h15km, mb4.0/1, Error
ellipse: s-maj=21.9km s-min=10.1km az=69.0

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

IDC 21 05:20:25.6+1.1, 3.24S; 150.80E, mb4.2/9, mb1 4.5/9,
mb1mx4.3/15, MS3.9/10, Ms1 4.0/10, ms1mx3.8/14, Error
ellipse: s-maj=41.1km s-min=10.8km az=121.0
BUJ 21 05:20:37.9+2.82S; 151.50E, h15km, mb5.0, mb4.9
NEIC 21 05:20:39.7+2.6, 3.54S; 150.72E, h120km, 24km, mb4.7/11,
Error ellipse: s-maj=27.0km s-min=15.2km az=119.0

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

comp=Z,0.2nm,0.4s,mb3.8,baz=252,slow=5.7,SNR=2.6
NVAR Yellowknife Arr 95.10 28 LR LR 06 14 12.4
YKA Yellowknife Arr 95.10 28 LR LR 06 12 34.4
PDAR Pinedale Array 99.47 47 LR LR 06 10 59.5

WEL 21 05:47:12.4-0.2, 45.21S; 167.36E, h73km, 1km, ML3.7/4,
3C, Error ellipse: s-maj=1.7km s-min=1.3km az=90.0,
South Island region

Code Station Name A° AZ° Phase ID Time Res
DCZ Deep Cove 0.30 209 PN P 05 47 23.6 -0.4
MLZ Mavora Lakes 0.59 103 IPN P 05 47 26.0 0.0
MSZ Milford Sound 0.68 37 PN P 05 47 27.0 -0.4
MSZ Wanaka 1.24 72 PN P 05 47 34.1 -0.3
TUZ Tuapeka 1.75 81 PN P 05 47 40.7 -0.8

NEIC 21 05:51:42.7, 37.99N; 118.72W, h7km, ML3.7(REN), 3C-3D,
After REN., California-Nevada border region

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

CASC 21 06:00:52.4+2.4, 2.12S; 88.32W, h35km, 999km, MD4.3,
ML4.4, mb4.0(NEIC)
IDC 21 06:00:53.6+1.2, 1.3, 03N; 87.84W, h66km, 9km, mb3.5/6,
mb1 3.8/7, mb1mx3.7/19, MS2.5/2, Ms1 3.5/2, ms1mx3.1/17,
Error ellipse: s-maj=56.6km s-min=11.2km az=49.0

NEIC 21 06:00:54.0, 12.71N; 88.35W, h39km, mb4.0/1,
MD4.2(SNET), After SNET.
NEIC Fd(II) at Sulutatan.
ISC 21 06:00:51.8-0.3, 12.63N; 0.05:88.29W+0.03, h72km, 5km,
n75, 0:996/110, mb3.8/6, 16C-16D, Off coast of central
America

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

SBSL San Blas 1.77 313f eP P 06 01 21.5 +0.5
SBSL San Blas 1.77 313 eS S 06 01 43.4 +0.9
SBSL San Blas 1.77 313 eP P 06 01 21.6 +0.6
SNJE San Jose 1.78 314f eP P 06 01 21.7 +0.6
SNJE San Jose 1.78 314 eS S 06 01 43.5 +0.7

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

JTS JuntasAbangare 4.01 125 P P 06 01 52.4 +0.2
JTS JuntasAbangare 4.01 125 P P 06 02 36.6 -1.8

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

SDV Santo Domingo 17.74 100 P P 06 04 51.9 -3.8
TXAR Lajitas Array 21.92 322 P P 06 05 41.9 +1.3

PDAR Pinedale Array 35.23 332 P P 06 07 40.1 -1.1
PDAR Pinedale Array 35.23 332 P P 06 07 50.3 +0.3

SCMO McKenz Canyon 38.34 332 eP P 06 08 09.1 +1.9
SCMO Schefferville 45.35 317 eP P 06 08 09.1 +2.5

BDFB Brasilia 48.75 124 P P 06 09 30.8 -0.8
YKPA Villa Florida 49.05 142 LR LR 06 33 52.9

YKA Yellowknife Arr 53.23 345 P P 06 10 01.8 -3.1
YKA Yellowknife Arr 53.23 345 P P 06 10 19.4 -3.9

ILAR Eielson Array 65.53 336 P P 06 11 28.2 -1.3
WRA Warramunga Arr 138.53 254 PKP PKPdf 06 20 14.6 +4.4

ASAR Alice Springs 43.15 254 P P 06 20 14.2 +4.0
ASAR Alice Springs 43.15 254 P P 06 20 14.2 +4.0

IDC 21 06:01:55.1+49.0, 17.13S; 179.57E, mb4.2/3, mb1 4.4/3,
mb1mx3.9/13, Error ellipse: s-maj=88.0km
s-min=150.0km az=77.0, Fiji Islands

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

NEIC 21 06:17:31.8+3.3, 19.81S; 177.48W, h547km, 32km,
mb4.6/15, Error ellipse: s-maj=28.7km s-min=14.6km
az=53.0
IDC 21 06:17:35.2+2.2, 2.20S; 177.47W, h586km, 23km, mb4.2/6,
mb1 4.3/7, mb1mx3.7/14, Error ellipse: s-maj=17.4km
s-min=15.6km az=138.0

ISC 21 06:17:33.6+1.2, 20.10S; 1:177.7W-0.1, h560km, 13km,
n37, 0:82/34, mb4.8/19, 6D, Fiji Islands region

Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res
Code Station Name A° AZ° Phase ID Time Res

21d 8h

Table with columns: WRA, S, S, 06 30 58.8 +0.2, COLA, COLLEGE, 4.90 24 P, 07 01 37.9 -0.4, EJIF, 0.2nm,0.1s,SNR=7.9, S, S, 08 17 19.3 0.0

2004 SEP

Table with columns: COLA, COLLEGE, 4.90 24 P, 07 01 37.9 -0.4, EJIF, 0.2nm,0.1s,SNR=7.9, S, S, 08 17 19.3 0.0

520

Table with columns: EJIF, 0.2nm,0.1s,SNR=7.9, S, S, 08 17 19.3 0.0

MDD 21 06:46:44.5-1.1, 43.33N-1.08W, mbLq0.8/3, Error ellipse: s-maj=8.0km s-min=3.5km az=12.0, PRXIMO SIN

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

LDG 21 02:46:44.6-1.2, 42.93N-1.37W, h2km, Md1.8/2, M11.7/1, Error ellipse: s-maj=19.7km s-min=6.9km az=41.0, Pyrenees

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

LDG 21 07:00:25.0-0.2, 60.47N-0.02-152.45W-0.05, h112km,2km,n111,c099128,mb3.7/10,Southern Alaska

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

NEIC 21 07:00:28.8, 60.44N-152.50W, h102km, mb3.8/5, After AEC

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

NEIC 21 07:37:55.3, 1.6, 4.65S: 133.68E, h30km, mb3.9/3, Error ellipse: s-maj=36.8km s-min=16.7km az=76.0

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

NEIC 21 07:45:31.9, 3.0, 19.73S: 172.08W, h35km, mb4.4/3, Error ellipse: s-maj=144.0km s-min=38.0km az=147.0, Tonga Islands region

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

LDG 21 08:16:46.8, 0.3, 36.69N-4.45W, h85km,3km, MI3.8/6, Error ellipse: s-maj=6.9km s-min=3.2km az=165.0

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

NEIC 21 08:16:47.4, 36.53N-4.42W, h88km, MG3.5(MDD), After MDD

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

LDG 21 08:16:47.4, 0.6, 36.54N-4.41W, h89km,4km, mb3.6/24, 13C-4D, Error ellipse: s-maj=6.3km s-min=3.4km az=164.0, PRXIMO, Strait of Gibraltar

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

EMAL Malaga-Limoner 0.23 356 P P S 08 17 00.1 -0.3

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

EMUJ 189nm,0.1s,SNR=7.9 0.29 276 P P S 08 16 59.8 -0.9

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

EMUR 0.7nm,0.1s,SNR=7.9 2.85 62 P P S 08 17 30.6 -1.3

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

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

NEIC 21 08:25:11.3, 38.02N:118.66W, h7km, ML3.8(REN), 3C-3D, After REN., California-Nevada border region

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

MEX 21 08:25:14.2:1.1, 16.94N:100.77W, h16km, 31km, MD3.6, Near coast of Guerrero

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

MAN 21 08:48:39.9, 9.45N:126.13E, h23km, mb4.4, ML3.3, MS3.3, 4C-1D, Mindanao

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

IDC 21 08:52:32.7:2.3, 50.10N:175.47W, mb3.3/5, mb1 3.8/6, mb1mx3.6/21, ML2.8/1, Error ellipse: s-maj=65.1km, s-min=16.9km az=6.0

NEIC 21 08:52:37.9, 50.43N:175.42W, h33km, ML2.6(AEIC), After AEIC

ISC 21 08:52:36.4:0.9, 50.41N:0.07x175.5W:0.1, h33km, n13, 0582/17, mb3.5/4, Andreano Islands

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

ISC 21 08:59:33.6, 36.89N:27.75E, h9km, MD3.2, ML3.1, ATH 21 08:59:34.8, 36.90N:27.80E, h24km, 4km, MD3.2/4

NEIC 21 08:59:35.1, 36.93N:27.82E, h28km, MD3.2(A1H), After ATH

ISC 21 08:59:34.7:0.6, 36.91N:0.03x27.80E:0.04, h12km, 4km, n21, 0569/28, 2C, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BDRM, BDRM, ML5B, etc.

Table with columns: ARG, ARG, AYDN, etc. Includes stations like Arkhangelos, Tasoluk, Samos, etc.

IDC 21 09:01:32.9:6.5, 19.88S:177.98W, mb4.1/3, mb1 4.2/3, mb1mx3.8/12, Error ellipse: s-maj=165.0km, s-min=101.7km az=134.0, Fiji Islands region

Table with columns: STKA, WRA, FITZ, AKASO, etc. Includes stations like Stephens Creek, Warramunga Arr, Fitzroy Crossi, etc.

TAP 21 09:21:23.1, 25.35N:122.69E, h228km, ML3.7, BNA 21 09:21:27.0:0.2, 25.37N:122.50E, h187km, M3.2

ISC 21 09:21:26.0:1.8, 25.6N:0.1x22.5E:0.2, h174km, 61km, n12, 0563/18, Taiwan region

Table with columns: YOY, IRIF, JKRS, etc. Includes stations like Yonaguni jima, Iriomote-Funau, Kuro-shima, etc.

NEIC 21 09:57:04.2, 44.91N:6.55E, h1km, ML2.9(LDG), ML2.8(REN), ML2.6(STR), After GEN

LDG 21 09:57:05.0:0.1, 44.91N:6.64E, h2km, Md2.5/4, Ml2.9/12, Error ellipse: s-maj=2.9km s-min=1.6km az=67.0

STR 21 09:57:05.1:0.2, 44.92N:6.62E, h5km, 1km, Ml2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 21 09:57:04.2:0.2, 44.91N:0.01x6.59E:0.02, h11km, 2km, n47, 0591/80, France

Table with columns: RRL, BND, MBDF, etc. Includes stations like Cesana Torines, Bardonecchia, Montbardon, etc.

ISC 21 10:25:53.4:0.7, 36.02N:0.04x141.10E:0.08, h41km, 0.8km, n28, 0590/32, mb4.0/10, 7C, Near east coast of eastern Honshu

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

ISC 21 10:45:24.2:1.0, 23.64S:176.61W, mb4.2/8, mb1 4.4/10, mb1mx4.3/16, ML4.3/2, MS3.5/1, Ms1 3.5/1, ms1mx3.2/10, Error ellipse: s-maj=40.5km s-min=22.5km az=155.0

NEIC 21 10:45:28.5:0.7, 23.78S:176.36W, h35km, mb4.5/7, Error ellipse: s-maj=22.1km s-min=14.2km az=164.0

ISC 21 10:45:27.0:0.8, 23.85S:176.71W:0.1, h33km, n20, 1580/19, mb4.2/10, 1D, South of Fiji Islands

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

Table with columns: AVF, SSF, BGF, BGF, HAU, HAU, etc. Includes stations like Avril sur Loir, Saint Saulge, Bois d'Angland, etc.

ISC 21 09:57:38.9, 37.31N:37.34E, h6km, MD3.5, ML3.2, ISC 21 09:57:39.8:0.5, 37.31N:0.04x37.34E:0.05, h6km, n16, 0580/23, 1C, Turkey

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

IDC 21 10:11:26.8:18.0, 37.29S:94.33W, mb3.9/3, mb1 4.4/3, mb1mx4.0/13, MS3.7/4, Ms1 3.7/4, ms1mx3.5/17, 1C-1D, Error ellipse: s-maj=608.0km s-min=306.9km az=119.0, West Chile Rise

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

IDC 21 10:25:49.6:0.9, 36.01N:141.16E, mb4.0/8, mb1 4.1/11, mb1mx4.0/24, ML4.0/3, MS2.7/2, Ms1 2.7/2, ms1mx2.6/30, Error ellipse: s-maj=25.7km s-min=17.7km az=97.0

JMA 21 10:25:53.1:0.1, 36.04N:141.13E, h43km, 2km, M3.9, JMA Feil J1

NEIC 21 10:25:55.4:1.7, 35.97N:141.08E, h42km, 14km, mb4.5/3, MW3.9(NIED), Error ellipse: s-maj=15.1km s-min=11.3km az=80.0

NEIC Recorded [1 JMA] in Chiba and Ibaraki Prefectures. NIED 21 10:26:00.36, 10N:141.10E, h20km, Mw3.9 Best double couple: MbL 13x1014 NP1 28 28 76; L-115; NP2: 270; 629; lambda-31

ISC 21 10:25:53.4:0.7, 36.02N:0.04x141.10E:0.08, h41km, 0.8km, n28, 0590/32, mb4.0/10, 7C, Near east coast of eastern Honshu

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

ISC 21 10:25:53.4:0.7, 36.02N:0.04x141.10E:0.08, h41km, 0.8km, n28, 0590/32, mb4.0/10, 7C, Near east coast of eastern Honshu

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

ISC 21 10:45:24.2:1.0, 23.64S:176.61W, mb4.2/8, mb1 4.4/10, mb1mx4.3/16, ML4.3/2, MS3.5/1, Ms1 3.5/1, ms1mx3.2/10, Error ellipse: s-maj=40.5km s-min=22.5km az=155.0

NEIC 21 10:45:28.5:0.7, 23.78S:176.36W, h35km, mb4.5/7, Error ellipse: s-maj=22.1km s-min=14.2km az=164.0

ISC 21 10:45:27.0:0.8, 23.85S:176.71W:0.1, h33km, n20, 1580/19, mb4.2/10, 1D, South of Fiji Islands

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

21d 11h

2004 SEP

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RRL Cesana Torines, MBDF Montbardon, CTI Castel Tesino, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array, etc.

IDC 21 10:48:23.2-18.0, 37.79S-91.70W, mb4.0/3, mb1 4.5/3, mb1mx4.1-1/3, MS4.2/1, Ms1 4.2/1, ms1mx3.6/14, Error ellipse: s-maj=618.0km s-min=321.4km az=115.0, West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPUP Villa Florida, TXAR Lajitas Array, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSM Repubblica di, RSM Repubblica di, La Foret Royale, etc.

BUI 21 11:04:59.0, 55.76N, 19.28E, h3km, mB4.7, mb4.8, Ms4.4, Ms2.4, WAR 21 11:05:01.6, 54.92N-20.12E, h16km, Origin time based upon SUW

PRU 21 10:51:04.2, 44.77N-9.55E, NEIC 21 10:51:04.7, 44.98N-9.44E, h0km, MD3.3(ROM), ML3.5(LDG), ML3.3(STRI), ML3.2(GEN), After GEN, ROM 21 10:51:04.7, 0.2, 44.98N-9.36E, h5km, 1km, MD3.3/14, ML2.9/12, Error ellipse: s-maj=1.1km s-min=1.1km az=90.0, LDG 21 10:51:05.0, 8.0-1.4, 45.01N-9.59E, h10km, M3.5/22, Error ellipse: s-maj=3.5km s-min=2.9km az=24.0, STR 21 10:51:05.3, 0.5, 44.98N-9.48E, h10km, 1km, M3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 21 10:51:03.6, 0.3, 45.00N-0.1, 9.40E, 0.02, h0km, 2km, n112, s1816/182, SC-9D, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PGF Pioggia, ORIF Oris-en-Ratt, SOTA Santo Quirin, etc.

NEIC 21 11:05:03.2, 1.7, 54.86N-19.98E, h4km, 12km, mb4.8/30, MS4.0/1, ML4.5(BRG), ML4.5(CLL), Error ellipse: s-maj=3.6km s-min=2.9km az=90.0, NEIC Fall [V] at Kalingrad, Pionerskiy and Svetlogorsk, [IV] at Baltyisk, Russia, Also fell in much of Latvia and Lithuania; at Harju, Estonia; and in the Oslo area, Norway, HEL 21 11:05:04.0, 8.0-1.5, 47.7N-20.04E, h10km, ML4.8, mb4.9(NEIC), MS4.0(NEIC), IDC 21 11:05:04.0, 0.5, 54.83N-20.10E, mb4.2/8, mb1 4.5/19, mb1mx4.4/26, ML4.5/10, MS3.4/5, Ms1 3.5/5, ms1mx3.1/26, Error ellipse: s-maj=8.8km s-min=6.0km az=90.0, NAO 21 11:05:07.9, 3.9, 55.09N-20.11E, h6km, 18km, ML4.9, BER 21 11:05:07.8, 6.4, 54.90N-20.25E, h10km, ML5.1, MW4.5, ML4.9(NAO), BGR 21 11:05:07.0, 5.4, 54.66N-19.89E, h10km, ML5.2/22, Error ellipse: s-maj=15.6km s-min=6.6km az=179.0, ORF 21 11:05:08.7, 54.83N-19.71E, h10km, mb4.1, ML4.8, ISC 21 11:05:01.3, 0.1, 54.86N, 0.01-20.02E, h10km, n344, c1544/773, mb4.7/43, MS3.8/8, 18C-12D, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOB Bobbio (Coli), GENL Genova Univers, CODM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTCO Patocco-Chiusa, MTOC Moltenrain, HINF Hinterfeld, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUW Suwalki, Gorka Kiasztor, WAR Warsaw, etc.

IDC 21 11:03:20.2, 5.0, 20.97S-178.86W, h598km, 61km, mb3.0/7, mb1 3.3/8, mb1mx3.3/11, Error ellipse: s-maj=31.2km s-min=26.2km az=153.0, NEIC 21 11:03:20.5, 4.5, 20.96S-178.90W, h597km, 53km, mb3.8/7, Error ellipse: s-maj=26.6km s-min=21.4km az=220.0, ISC 21 11:03:17.5, 3.9, 20.95S-0.2, 178.9W, 0.2, h572km, 49km, n18, c0594/16, mb3.6/14, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUF Les Rejaudoux, CLL Collin, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EKSU Eksjoe, IGIN Ignalina, IGIN, etc.

Table with columns for station name, frequency, and various signal quality metrics (e.g., Sg, Pn, P, S). Includes stations like Dobruska-Polom, Vasula, Kalvaria, and Moxa.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Bratislava, Kiev, Vienna, Oslo, and various 'FINES' and 'WET' stations.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like WATA, WTTA, MOTA, SQA, and various 'DOMB' and 'BURU' stations.

Table with columns for station name, time, elevation, and other parameters. Includes stations like La Plagne, Lormes, Saint Sauveur, etc.

Table with columns for station name, time, elevation, and other parameters. Includes stations like Esparros, Gofitskoje, Etsaut, etc.

Table with columns for station name, time, elevation, and other parameters. Includes stations like Pulchoki, Gumba, YKA, etc.

Vertical text block containing specific data points and station identifiers, possibly related to the table above.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like USHA, TROA, LPAZ, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like VNA1, Neumayer-Watz, Scott Base, Sanae, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Time, Res. Includes stations like CMAR, GYA, KMI, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like BUS, Buena Vista, La Ceiba, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Sonseca Array, Sonseca Array, Sonseca Array, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like WMO, WMO, WMO, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like PDAR, PDAR, HLID, etc.

MOS 21 13:36:48.5 ± 1.9, 54.47N ± 21.26E, h10km, mb4.0/1, Error ellipse: s-maj=23.6km s-min=11.3km az=74.3, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like SUW, SUW, WAR, etc.

CASC 14:14:12:53.7 ± 2.2, 12.52N-87.92W, h39km, 237km, MD3.6, 3C-3D, Near coast of Nicaragua

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CNCH, CNCH, CRIN, etc.

CSEM 21 14:15:02.5, 35.11N-27.75E, h40km, mb4.9

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like DUSS, ISK, MOS, etc.

Table of station data for 21d 15h, including columns for station name, coordinates, and various parameters like BOD, LZH, etc.

Main table of station data for 2004 SEP, including columns for station name, coordinates, and various parameters like ULM, EDM, FVM, etc.

Table of station data for 532, including columns for station name, coordinates, and various parameters like IDC, NEIC, DJA, etc.

IDC 21 15:15:10.1.6.4.22.145x178.89W,h410km,68km,mb3.4/5, m-b1 3.7/6, mb1mx3.5/13, Error ellipse: s-maj=45.5km s-min=29.0km az=3.0

ISC 21 15:15:14.4.1.7.2.21S.0.1x179.1W.0.2,h462km,17km, n16,c1542/9,mb2.75,South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nonsavu, URZ Urewera, CTA Charters Tower, etc.

NEIC 21 15:30:35.0, 16.62N-98.68W, h20km, MD3.9(MEX), After MEX. MEX 21 15:30:33.7.0.8, 16.53N-98.67W, h12km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PNIG Pinotepa, ACX Acapulco, VHO Vista Hermosa, etc.

BUJ 21 15:48:01.8, 42.30N-2.50E, h2km, mb4.6, mb4.7, Ms4.5, Ms4.2

IGIL 21 15:48:03.9, 42.30N-2.50E, h2km, ML4.5

CSEM 21 15:48:04.8, 42.30N-2.46E, h2km, ML4.8

MED_RC 21 15:48:04.8, 42.19N-2.38E, h10km, MW4.5/12, Moment Tensor Solution. Body waves: s12,c13; Duration: 1s0. Moment tensor: Scale 10^15Nm; Mn-4.48+-0.79; Mw-4.51+-0.32; Best double couple: M6.69x10^15 NP1.9x10^15, S20; N-114; NP2.3x10^15, S71; L-32; Principal axes: T 6.21, P1g63, Azm4; N, 97; P1g8; Azm140; P-7.18, P1g63, Azm246; nst1 refers to waves, cutoff=35s.

ZUR_RM 21 15:48:04.4, 42.30N-2.46E, h6km, MW4.5/24, Moment Tensor Solution. s24 Moment tensor: Scale 10^15Nm; Mn-3.99; Mw-2.42; Ms-1.58; M6.40; M6-2.40; M6-2.95; Best double couple: M6.77x10^15 NP1.3x10^15, S71; L-94; NP2.9x10^15, S20; N-79; Principal axes: T 6.974, P1g26, Azm38; N-409, P1g4, Azm306; P-6.655, P1g64; Azm209;

IDC 21 15:48:04.3, 42.38N-2.19E, mb3.9/12, mb1 4.1/20, mb1mx4.0/30, ML4.78, MS3.6/5, Ms1 3.6/5, ms1mx3.2/7 Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 21 15:48:04.8, 42.30N-2.46E, h2km, mb4.5/8, ML5.1(LDG), ML4.8(CSEM), ML4.7(STR), MN4.1(MDD), After CSEM.

NEIC Felt [V] at Querlals; [IV] at Campdevanol, Camprodon, Font, Nuria, Olot, Pardinas, Planolas, Ribas de Freser, Ripoll, San Juan de las Abadesas and Tosas; [III] at Allella, Alp, Badalona, Barcelona, Berga, Castelfelers, Hospitalet, Manlleu, Setcasas and Vich; [II] at Calella, Figueras, Gava, Rubi, Teya, Tiana and Villanueva y Geltru, Spain. Also felt in the Pyrenees-Orientales, France.

STR 21 15:48:05.2, 42.34N-2.02E, h5km, 1km, M4.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

INMG 21 15:48:05.3, 1.42, 42.33N-2.17E, h4km, 3km, ML3.9, Error ellipse: s-maj=3.6km s-min=2.1km az=158.0

MDD 21 15:48:05.3, 0.2, 42.34N-2.16E, h3km, 2km, mbLq4.3/60, Error ellipse: s-maj=1.6km s-min=1.3km az=166.0

PRXIMO IV RIBES DE FRESE CAMPDEVANOL RIPPOLL OLOT IV PLANOLAS SANT JOAN DE LES ABADESES TOSAS PARDINES III-IV NURIA III SANT JOAN LES FONTS SETCASES ALP MANLLEU II-III BARCELONA VICH BADALONA SANT BOI DE LLOBREGAT II-III ALLELLA CASTELDEFELS BERGA L'HOSPITALET DE LLOBREGAT SANT HILARI SACALM GAV. VILANOVA I LA GELTRU. TIANA II SANT FRUITS DE BAGES RUB. B. TERRASA SANT JOAN DESP. B. II TEI, PREMI DE DALT CALELLA FIGUERES II SANT FELIU DE LLOBREGAT

MDD EMS: V QUERLALS. LDG 21 15:48:06.2, 0.1, 42.34N-2.13E, h4km, Md4.3/3, M15.1/42, ms3.3/5, Error ellipse: s-maj=1.8km s-min=1.2km az=144.0

MOS 21 15:48:06.8, 1.5, 42.80N-2.25E, h10km, mb4.4/10, Error ellipse: s-maj=19.0km s-min=5.7km az=53.5

IAG 21 15:48:06.4, 42.34N-2.17E, h8km, MW4.4, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn-3.80; Mw-2.06; Ms-1.74; M6-1.77; M6-2.70; M6-2.70; Best double couple: M6.69x10^15 NP1.9x10^15, S20; N-114; NP2.3x10^15, S71; L-32; Principal axes: T 6.21, P1g26, Azm4; N, 97; P1g8; Azm140; P-7.18, P1g63, Azm246; nst1 refers to waves, cutoff=35s.

ISC 21 15:48:03.3, 0.2, 42.41N-2.10E, 0.01, h13km, 1km, n373,c1544/614, mb4.2/23, MS3.8/6, 21C-12D, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VALF Valcebollere, FILF Fillos, CBRU Brugera, etc.

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Saint Jean de, JSAF Saint Jean de, EJON La Jonquera, etc.

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PUYF Puylosier, RJF Les Rejaudoux, LBL Simiane la Rot, etc.

HYF	ePg	Pg	15 49 37.5	-3.1	CSNT	Castellina Chi	6.83	78	P	Pn	15 49 43.7	-2.0	WTTA	Wattenberg	8.33	51	/PN	P	15 50 07.8	+1.1	
HYF	eSg	Sg	15 50 41.4	-4.1	ERUA	La Rua	6.84	273	Pn	Pn	15 49 46.1	+0.1	WTTA	Wattalderalm	8.33	51	/PN	Sn	15 51 39.1	-2.5	
LRVY	Pn	Pn	15 49 20.2	+1.4	ERUA	16nm,0.3s,SNR=23								WATA	Walderalm	8.33	51	/PN	P	15 50 07.6	+0.8
EMV	P	Pn	15 49 22.2	+2.0	ERUA	SNR=7.9							WATA	L'Aquila	8.37	87	e/P	Sn	15 51 40.1	-1.6	
CABF	ePn	Pn	15 49 21.4	+0.4	ERUA	33nm,1.0s,SNR=7.9							AQU	25nm,0.6s				P	15 50 05.9	-1.3	
CABF	eSg	Sg	15 49 40.4	-1.1	EPON	Pontenova	6.86	281	Pn	Pn	15 49 46.8	+0.6	SEST	Monte Rota	8.42	56	P	P	15 50 10.3	+2.3	
CABF	eSg	Sg	15 50 48.5	-3.8	EPON	18nm,0.2s,SNR=7.9							PTOM	Tomar	8.42	254	ePn	P	15 50 06.9	-1.2	
PGF	ePn	Pn	15 49 19.3	-2.1	EPON	SNR=7.9						PTOM	PTOM			eSg	Sg	15 51 36.8	-7.2		
PGF	eSn	Sn	15 50 14.4	-6.5	EPON	SNR=7.9						PTOM	107nm,0.8s				Sg	15 52 34.7	-9.1		
TRAV	P	Pn	15 49 23.1	+1.5	EPON	SNR=7.9						PTOM	Tomar	8.42	254	Pn	P	15 50 06.9	-1.2		
PCP	P	Pn	15 49 63	+0.9	SAL	125nm,0.8s,SNR=7.9						PTOM	Tomar			Sg	Pn	15 51 36.8	-7.2		
EVIA	Pn	Pn	15 49 22.2	+0.1	SAL	SNR=7.9						PTOM	Tomar			Lg	P	15 52 34.7			
EVIA	Lg		15 50 47.2		EPON	125nm,0.8s,SNR=7.9						PTOM	54nm,0.8s				P	15 50 10.8	+1.7		
DIX	P	Pn	15 49 26.1	+2.1	FELD	Leudberg	6.86	59	ePn	Pn	15 49 47.1	+0.9	TERO	Taroma	8.50	85	P	P	15 50 08.8	-1.4	
ORO	ePn	Pn	15 49 25.6	+1.2	ELUO	Feldberg	6.87	35	Pn	Pn	15 49 45.1	-1.3	VVLD	Villa Vallelon	8.58	90	P	P	15 50 09.4	-1.5	
ORO	eSn	Sn	15 50 26.4	0.0	ELUO	10nm,0.3s,SNR=11						EVO	Evoira	8.63	247	ePn	P	15 50 08.8	-1.4		
ESDC	ePn	Pn	15 49 24.2	-0.6	ELUO	SNR=7.9						EVO	Evoira			eSg	Sg	15 51 42.6	-6.5		
ESDC	Sn	Sn	15 50 22.4	-4.4	ELUO	896nm,2.1s,SNR=7.9						EVO	216nm,0.8s			eR	Sg	15 52 37.3	-13		
ESDC	Lg		15 50 54.5		CKHR	Kef el Ahmar	6.91	156	P	Pn	15 49 48.5	+1.6	FUR	Furstenfeldbru	8.65	45	P	P	15 50 11.0	-0.2	
ESDC	LR	LR	15 51 47.4		LIBD	Limbürg	6.92	32	Pn	Pn	15 49 46.9	-0.2	FVI	Forni Avoltri	8.70	58	ePn	P	15 50 12.2	+0.4	
ESDC	LR	LR	15 51 47.4		WILA	Wila	6.95	42	P	Pn	15 49 47.4	-0.1	HGN	Heimsgroevre	8.76	16	eP	P	15 50 12.2	-0.5	
ESDC	Pg	Pg	15 49 24.2	-0.6	SEI	Scarpieria	6.96	73	ePn	Pn	15 49 46.9	-0.6	HGN	Heimsgroevre			ex	x	15 50 49.0		
ESDC	Pg	Pg	15 49 42.5	-7.5	CDP	Champ du Feu	7.02	29	ePn	Pg	15 49 46.7	-1.7	INTR	Introdacqua	8.77	89	P	Sn	15 51 46.9	-5.4	
ESDC	Sn	Sn	15 50 24.0	-2.9	CDP	CDP					15 51 04.2	-4.6	PBEJ	Beja	8.79	243	ePn	P	15 50 12.6	-0.3	
ESDC	Lg	Lg	15 50 55.5		CDP	CDP					15 51 49.1	-7.8	PBEJ	Beja			eSg	Sg	15 51 45.7	-7.4	
ESDC	Pg	Pg	15 49 24.2	-0.6	CASM	Ain Smara	7.02	150	P	Pn	15 49 47.0	-1.5	PBEJ	Beja			eSg	Sg	15 52 47.1	-9.0	
ESDC	Pn	Pn	15 49 42.5	-7.5	ROSF	Rostrenen	7.03	329	ePn	Pn	15 51 03.8	-5.3	PBEJ	Beja			eSg	Sg	15 51 45.7	-7.4	
ESDC	Pn	Pn	15 50 24.0	-2.9	ROSF	Rostrenen					15 51 47.5	-10	PBEJ	Beja			Sg	Pn	15 51 45.7	-7.4	
ESDC	Pn	Pn	15 49 24.2	-0.6	ETRT	Tiaret	7.04	185	P	Pn	15 49 50.0	+1.3	PBEJ	Beja			Lg	Sn	15 52 47.1		
ESDC	Pn	Pn	15 50 24.0	-2.9	WLS	Welschbruch	7.04	30	Pn	Pn	15 49 47.5	-1.2	PALC	Alcoutim	8.86	239	ePn	P	15 50 11.9	-2.2	
ESDC	Pn	Pn	15 49 24.2	-0.6	AGRON	Agרון	7.05	222	Pn	Pn	15 49 49.2	+0.3	PALC	Alcoutim			eSg	Sg	15 51 46.4	-8.4	
ESDC	Pn	Pn	15 49 24.2	-0.6	MABI	Malga Bissina	7.05	56	ePn	Pn	15 49 50.0	+1.1	PALC	Alcoutim			eSg	Sg	15 52 49.1	-9.2	
GENL	P	Pn	15 49 25.4	0.0	DAVOX	Davos	7.06	49	ePn	Pn	15 49 51.5	+2.4	PALC	Alcoutim	8.86	239	Pn	Pn	15 50 11.9	-2.2	
MGCN	eSg	Sn	15 49 32.4	+1.0	DAVOX	7.6nm,0.3s,baz=242,slow=11,SNR=9.9					15 51 12.8	+2.8	PALC	Alcoutim			Lg	Sn	15 51 46.4	-8.4	
MMK	P	Pn	15 49 30.3	+2.4	DAVOX	5.7nm,0.3s,baz=169,slow=23,SNR=3.6					15 51 12.8	+2.8	PALC	Alcoutim			Sg	Pn	15 52 49.1		
LKBD	P	Pn	15 49 29.9	+1.4	YMG	Vicchio	7.07	74	ePn	Pn	15 49 49.1	-0.1	MOA	Gemona	8.86	60	ePn	P	15 50 12.8	-1.4	
BOB	ePn	Pn	15 49 33.8	+2.1	CMAH	Djebel Manchou	7.09	143	P	Pn	15 49 46.5	-2.9	MOA	Montemor	8.86	247	ePn	P	15 50 11.2	-2.9	
VAI	Pn	Pn	15 49 34.4	+1.6	ELUO	Sierra Loja	7.13	225	Pn	Pn	15 49 49.2	+0.6	MOE	Moena			eSg	Sg	15 51 46.0	-8.9	
VAI	eSg	Sg	15 50 41.9	+0.8	ELUO	Sierra Loja					15 51 51.5		MOE	Moena			eSg	Sg	15 52 48.0	-10	
LOMF	Pn	Pn	15 49 34.5	+0.9	SISB	Singen-Sch Ber	7.17	40	P	Pn	15 49 50.3	-0.2	PTCC	Patocco-Chiusa	8.99	60	ePn	P	15 50 15.7	+0.6	
CGM	P	Pn	15 49 32.5	-1.3	BRMO	Bormio	7.18	53	ePn	Pn	15 49 52.6	+1.9	TRI	Trieste	9.02	65	P	P	15 51 50.7	-0.6	
DODI	Pn	Pn	15 49 32.9	-1.5	PGD	Poggio Sodo	7.19	75	ePn	Pn	15 49 50.1	-0.7	VOY	Vojsko	9.21	63	eSg	Pn	15 51 58.3	-5.1	
EQES	Pn	Pn	15 49 34.9	-0.2	SFI	Santa Sofia	7.25	75	ePn	Pn	15 49 50.7	-1.4	KBA	Koelnbreinsper	9.26	56	/PN	Pn	15 50 19.2	-0.4	
EQES	Pg	Pg	15 49 54.1	-1.1	CRE	Capresse Michel	7.32	77	ePn	Pn	15 49 51.5	+1.1	KBA	Koelnbreinsper			/SN	Pn	15 50 02.2	-2.5	
EQES	Sn	Sn	15 50 39.1	-6.2	TOLF	Tolla	7.35	89	ePn	Pn	15 49 50.5	-2.7	JAVS	Javornik	9.28	64	/PN	Pn	15 50 18.6	-1.2	
EQES	Lg	Lg	15 51 17.0		BFO	Black Forest	7.36	34	Pn	Pn	15 49 51.5	-1.7	JAVS	Javornik			/SN	Pn	15 51 59.7	-5.4	
BACM	P	Pn	15 49 34.8	-0.8	BFO	Black Forest					15 49 51.6	-1.6	LIS	Lisbon	9.32	250	eP	P	15 50 18.4	-2.1	
VINC	P	Pn	15 49 34.0	-1.8	DAVA	Damuels	7.37	46	/PN	Pn	15 51 12.3	-5.2	LIS	Lisbon			eS	Sn	15 51 55.8	-10	
SFTF	ePn	Pn	15 49 36.4	+0.2	DAVA	Damuels					15 51 16.5	-1.1	LIS	Lisbon			eS	Sn	15 51 55.8	-10	
SFTF	ePn	Pn	15 50 01.0	-5.1	CMER	Merouana	7.40	155	P	Pn	15 49 52.0	-1.7	LIS	Lisbon			AML	AML	15 52 23.3		
SFTF	eSg	Sg	15 50 44.4	-2.8	PVRL	Vila Real	7.42	264	ePn	Pn	15 49 53.7	-0.3	PTEO	comp=E,224nm,0.2s	9.62	243	ePn	P	15 50 22.4	-2.2	
SFTF	eSg	Sg	15 51 18.9	-9.2	PVRL	Vila Real					15 49 53.7	-0.3	PTEO	PTEO			eSg	Sg	15 52 04.1	-10	
GRAM	P	Pn	15 49 36.1	-0.2	PVRL	Vila Real	7.42	264	Pn	Pn	15 51 14.3	-4.6	PTEO	comp=E,49nm,0.6s	9.62	243	Pn	Pn	15 50 22.4	-2.2	
EMHD	P	Pn	15 49 38.0	+0.6	PVRL	Vila Real					15 51 58.9		PTEO	Sao Teotonio			Sg	Pn	15 52 04.1	-10	
ECHF	P	Pn	15 49 42.0	+4.0	PVRL	Vila Real					15 51 58.9		PTEO	Sao Teotonio			Lg	Pn	15 53 16.5		
VLC	ePn	Pn	15 49 37.6	-0.6	MTE	Manteigas	7.53	258	ePn	Pn	15 49 54.3	-1.2	PTEO	comp=E,25nm,0.6s	9.77	65	ePn	P	15 50 25.4	-1.2	
VLC	ePn	Pn	15 49 37.6	-0.6	MTE	Manteigas					15 51 15.2	-6.4	VISS	Visnje	9.79	61	ePn	P	15 52 09.7	-7.5	
PIL	Pn	Pn	15 49 37.6	-0.8	MTE	Manteigas					15 52 05.7	-8.2	OBKA	Obir	9.79	61	/PN	Pn	15 50 18.1	-0.9	
GRR	ePn	Pn	15 49 39.2	+0.5	MTE	Manteigas					15 51 15.2	-6.4	OBKA	Obir			/SN	Pn	15 52 13.7	-4.1	
GRR	eSg	Sg	15 51 26.3	-7.7	MTE	Manteigas					15 52 05.7		PKDS	Podkum	9.95	64	ePn	P	15 50 28.4	-0.7	
GRR	eSg	Sg	15 51 26.3	-7.7	MTE	Manteigas					15 52 05.7		WTSS	Winterswijk	10.07	17	ePn	P	15 50 30.8	0.0	
HAU	ePn	Pn	15 49 39.6	+0.7	MTE	Manteigas					15 49 54.1	-1.4	WET	Wetzell	10.09	44	ePn	P	15 50 29.3	-1.7	
HAU	ePn	Pn	15 50 05.1	-4.9	MTE	Manteigas					15 51 15.2	-6.4	WET	Wetzell			eSg	Sg	15 52 18.4	-6.7	
HAU	eSg	Sg	15 51 25.7	-8.9	ELOB	Lobios	7.57	269	Pn	Pn	15 49 55.0	-1.2	MOA	Mollin	10.16	54	/PN	Pn	15 50 31.0	-1.0	
HAU	eR		15 51 25.7	-8.9	ELOB	23nm,0.3s,SNR=27					15 51 15.2	-6.4	MOA	Mollin			/SN	Pn	15 52 33.2	-3.6	
HINF	ePn	Pn	15 49 37.6	-1.6	ELOB	SNR=7.9					15 51 16.6	-6.2	PERS	Pernice	10.21	61	P	P	15 50 32.4	-0.4	
HINF	ePn	Pn	15 50 04.3	-6.1	ELOB	SNR=7.9					15 52 08.1		GECC	GERESS Array S	10.36	48	ePn	P	15 50 33.4	-1.2	
HINF	eSg	Sg	15 51 26.5	-8.7	ELOB	SNR=7.9					15 52 08.1		GECC	GERESS Array S			ePn	P	15 52 04.3	-7.3	
ERBM	ePn	Pn	15 49 40.9	+1.5	PCBR	Castelo Branco	7.67	254	ePn	Pn	15 49 56.3	-1.3	GERES	GERESS Array B	10.36	48	P	P	15 50 32.8	-1.8	
ERBM	eSg	Sg	15 50 49.8	-3.0	PCBR	Castelo Branco					15 49 56.3	-1.3	GERES	GERESS Array B			eSg	Sg	15 52 25.4		
ERBM	eSg	Sg	15 49 39.7	+0.3	PCBR	Castelo Branco	7.67	254	Pn	Pn	15 51 18.5	-6.8	GERES	GERESS Array B			eSg	Sg	15 52 25.4		
LDF	eSg	Sg	15 50 48.8	-4.0	PCBR	Castelo Branco					15 52 10.5		GERES	GERESS Array B			eSg	Sg	15 52 25.4		
LDF	eSg	Sg	15 51 27.8	-7.8	PCBR	Castelo Branco					15 52 10.5		GERES	GERESS Array B							

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like DPC, MORC, VYHS, OKC, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like LPAZ, CPUP, CPUP, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like EPF, ETSF, ETSF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ETOR, SNR=7.9, Lg, 16 06 17.3.

LDG 21 16:17:24.6:0.3, 42.32N:2.17E, h4km, Md2.1/1, M2.2/7, Error ellipse: s-maj=5.2km s-min=2.6km az=155.0

MDD 21 16:17:24.5:0.3, 42.33N:2.16E, mbLg1.7/1.1, Error ellipse: s-maj=2.3km s-min=2.0km az=46.0

Aftershock PLICA PRXIMO

ISC 21 16:17:23.2:0.5, 42.420N:0.03:2.16E:0.03, h10km, n20, o1523/31, Pyrenees

Main table for station data under LDG 21 16:17:23.2:0.5, 42.420N:0.03:2.16E:0.03, h10km, n20, o1523/31, Pyrenees. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

ICD 21 16:20:52.8:4.8, 23.79S:66.62W, h196km, 31km

s-min=21.9km az=47.0, Error ellipse: s-maj=67.9km

NEIC 21 16:20:52.2:1.4, 23.88S:66.69W, h201km, 17km, mb3.8/1, Error ellipse: s-maj=21.4km s-min=11.6km az=71.0

ISC 21 16:20:51.7:1.5, 23.87S:0.10:66.6W:0.2, h206km, 31km, n9, o63/9, Jujuy Province

Main table for station data under ICD 21 16:20:52.8:4.8, 23.79S:66.62W, h196km, 31km. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

LDG 21 16:25:32.9:0.1, 50.81N:6.41E, h11km, Md2.3/1, M2.7/4, Error ellipse: s-maj=1.7km s-min=1.1km az=123.0

BNS 21 16:25:32.9:0.7, 50.81N:6.43E, h12km, ML1.5

NEIC 21 16:25:32.9:0.7, 50.81N:6.41E, h11km, ML2.7(LDG), After LDG.

ISC 21 16:25:32.4:0.5, 50.74N:0.03:6.38E:0.04, h11km, n12, o150/23, 2C-10, Germany

Main table for station data under ICD 21 16:25:32.4:0.5, 50.74N:0.03:6.38E:0.04, h11km, n12, o150/23, 2C-10, Germany. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

NEIC 21 16:27:39.1, 17.18N:100.54W, h7km, MD3.8(MEX), After MEX.

MEX 21 16:27:40.0:0.6, 17.15N:100.50W, h46km, 17km, MD3.8, Guerrero

Main table for station data under NEIC 21 16:27:39.1, 17.18N:100.54W, h7km, MD3.8(MEX), After MEX. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: P, Popocatepetl, 2.61 43, P, 16 28 20.0 -0.7, 16 28 51.0 -0.4, 16 28 30.0 -3.2, 16 28 36.0 +1.0, 16 29 19.0 +2.1

STR 21 16:31:04.1:0.2, 42.37N:2.14E, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 21 16:31:04.6:0.4, 42.34N:2.15E, mbLg1.8/3, Error ellipse: s-maj=3.5km s-min=2.2km az=164.0, PRXIMO

Aftershock PLICA

ISC 21 16:31:03.1:0.7, 42.33N:0.05:2.16E:0.04, h10km, 7km, n13, o565/21, Pyrenees

Main table for station data under STR 21 16:31:04.1:0.2, 42.37N:2.14E, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

NEIC 21 16:38:08.6:5.4, 17.32S:178.77W, h539km, 63km, mb4.0/5, Error ellipse: s-maj=72.5km s-min=22.6km az=154.0

IDC 21 16:38:12.1:7.6, 17.45S:178.75W, h539km, 98km, mb3.4/8, mb1.3/7.8, mb1mx3.4/14, Error ellipse: s-maj=76.5km s-min=30.4km az=158.0

ISC 21 16:38:13.8:1.6, 17.45S:0.5:179.0W:0.3, h621km, 14km, n18, o545/15, mb3.8/11, C, Fiji Islands region

Main table for station data under NEIC 21 16:38:08.6:5.4, 17.32S:178.77W, h539km, 63km, mb4.0/5. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

ICD 21 16:39:04.8:0.8, 67.16N:21.29E, mb1.3/1.4, mb1mx3.0/19, ML2.3/4, Error ellipse: s-maj=15.5km s-min=6.4km az=114.0

HEL 21 16:39:05.2:0.3, 67.09N:20.92E, ML2.0, ML2.1(UPP), ML1.7(BER), Explosion

BER 21 16:39:07.8:4.0, 67.10N:20.80E, ML1.7, Suspected explosion

ISC 21 16:39:03.2:0.4, 67.04N:0.03:20.77E:0.06, n25, o151/21/35, Sweden

Main table for station data under ICD 21 16:39:04.8:0.8, 67.16N:21.29E, mb1.3/1.4, mb1mx3.0/19, ML2.3/4, Error ellipse: s-maj=15.5km s-min=6.4km az=114.0. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: NOA, NORSAR Array B, 7.33 219, Pn, 16 40 54.6 -0.5, 16 42 17.4 -1.7, 16 40 57.6 -0.5

LDG 21 16:39:06.6:0.2, 42.33N:2.16E, h4km, Md2.3/1, M2.1/6, Error ellipse: s-maj=4.3km s-min=2.2km az=157.0

MDD 21 16:39:06.8:0.4, 42.35N:2.14E, h4km, 5km, mbLg1.5/4, Error ellipse: s-maj=3.6km s-min=2.4km az=152.0

PRXIMO Aftershock PLICA

ISC 21 16:39:05.3:0.6, 42.421N:0.03:2.12E:0.04, h9km, 4km, n15, o1518/29, Pyrenees

Main table for station data under LDG 21 16:39:06.6:0.2, 42.33N:2.16E, h4km, Md2.3/1, M2.1/6, Error ellipse: s-maj=4.3km s-min=2.2km az=157.0. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

LDG 21 16:42:12.9:0.1, 42.32N:2.14E, h4km, Md2.6/2, M2.5/14, Error ellipse: s-maj=2.1km s-min=1.4km az=166.0

STR 21 16:42:12.2:0.4, 42.32N:2.14E, h5km, 1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 21 16:42:12.9:0.2, 42.34N:2.16E, h2km, 3km, mbLg1.9/15, Error ellipse: s-maj=2.0km s-min=1.7km az=3.0

ISC 21 16:42:13.1:0.2, 42.421N:0.02:2.18E:0.02, h9km, 2km, n41, o1538/77, Pyrenees

Main table for station data under LDG 21 16:42:12.9:0.1, 42.32N:2.14E, h4km, Md2.6/2, M2.5/14, Error ellipse: s-maj=2.1km s-min=1.4km az=166.0. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

LDG 21 16:42:13.1:0.2, 42.34N:2.16E, h2km, 3km, mbLg1.9/15, Error ellipse: s-maj=2.0km s-min=1.7km az=3.0

ISC 21 16:42:13.1:0.2, 42.421N:0.02:2.18E:0.02, h9km, 2km, n41, o1538/77, Pyrenees

Main table for station data under LDG 21 16:42:13.1:0.2, 42.34N:2.16E, h2km, 3km, mbLg1.9/15, Error ellipse: s-maj=2.0km s-min=1.7km az=3.0. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Le Peyrat, Organya, Miracle, Gaurbit, Sort, Montoliu, Moulis, Les Avelanes, Melles, Esparrros, View, Labassere, Ebro Roquetas, Ste Croix, Sacrasio, Sntaur, Arette, Calviac, Ste Jean, Frestale, Mosqueruela, Torrette, Toulx Ste Croi, Soepel, Bois d'Agland, Signal de Mont, Avril sur Lois, Saint Martin d, Piogliotta.

THE 21 18:28:17.0, 38.73N-23.11E, h1km, ML2.9
NEIC 21 18:28:19.2, 38.82N-23.03E, h9km, ML3.2(ATH), After
ATH

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Lokris, Neokhori, Xorichti, Agios Georgios, Kithairon Oros, Parnis Oros, Nisos Salamina, Erytria, Athens Observa, Penteli, Nisos Aigina, Litokhor.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Ouranopolis, Sokhos, Griva, Serrai, Kendrikon, Florida, Bruguera, Carcanieres, Fillols, Saint Jean de, La Jonquera, Laroque-de-Fa, Organya, Miracle, Salau, Montoliu, Melles, Frestale, Mosqueruela, Torrette, Toulx Ste Croi, Soepel, Bois d'Agland, Signal de Mont, Avril sur Lois, Saint Martin d, Piogliotta, Wanganui, Vera Road, North Egmont, Whakapapa, Chateau, Taurewa, Ngauruhoe, Moawhango, Mangatapu, Maungatainoka R, Kapiti Island, Whakapapa, Birch Farm, Pawanui, Makara Radio, Mount Morrison, South Karori, Paruwai Farm, Moikau Station, Neikau, Tuamarina, Quartz Range, Blackbirch Sta.

WEL 21 19:04:56.4, 0.3, 39.55S-174.79E, h149km, 2km, ML3.6/5,
1C, Error ellipse: s-maj=2.7km s-min=1.4km az=90.0,
North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kokohu, Tophouse, Kahutara, Denniston Nort, Queen's Vall, Waitaha Valley.

JMA 21 19:26:31.2, 0.3, 23.29N-121.55E, h86km, M2.6
TAP 21 19:26:31.1, 23.32N-121.51E, h27km, ML3.3, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Yonaguni jima, Hateruma jima, Iriomote-Funau, Kuro-shima, Ishigaki jima, Tarama, Gusukube.

ISK 21 19:34:04.4, 36.96N-27.83E, h15km, MD3.3
NEIC 21 19:34:04.2, 36.95N-27.86E, h31km, MD3.1(ATH), After
ATH

ATH 21 19:34:04.2, 36.95N-27.86E, h31km, 2km, MD3.1/4
ISC 21 19:34:04.3, 0.6, 36.90N, 0.03, 27.80E, 0.04, h12km, 5km,
n16, c082/24, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kyabasi, Milas, Yerkesik, Nisros, Dalyan (Mudla), Arkhangelos, Tasoluk, Samos, Cakiroluk, Denizli, Karpathos, Izmir, Bornova, Apeiranthos, Apeiranthos, Akhisar.

IDC 21 19:38:21.7, 1.6, 8.25S-126.86E, mb3.8/2, mb1 4.1/3,
mb1mx3.7/9, ML4.1/1, Error ellipse: s-maj=234.0km
s-min=28.6km az=60.0, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Warramunga Arr, Stephens Creek, Matanohi Array, Warramunga Arr.

IDC 21 20:51:9.1, 3.2, 22.47S-171.49E, mb4.4/7, mb1 4.5/7,
mb1mx4.4/11, MS3.8/10, Ms1 3.8/10, ms1mx3.6/22, Error
ellipse: s-maj=45.3km s-min=28.8km az=155.0

NEIC 21 20:50:57.0, 3.5, 22.65S-171.50E, h38km, 2.7km, mb4.7/6,
ARG Error ellipse: s-maj=24.6km s-min=2.1km az=51.0

ISC 21 20:31:05.1, 2.3, 22.55S-0.1, 170.8E, 0.1, h81km, 18km, n31,
c1505/23, mb4.3/11, 6C-1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mont Dzumac, Port Laguerre, Butte a Klehm, Nonsauv, Urewera, Charters Tower, Charters Tower, Port Moresby, Warramunga Arr, Stephens Creek, Warramunga Arr, Tennant Creek, Warramunga Arr.

FITZ Fitzroy Crossi 42.43 267 LR
16m, 0.7s, mb4.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Wanganui, Vera Road, North Egmont, Whakapapa, Chateau, Taurewa, Ngauruhoe, Moawhango, Mangatapu, Maungatainoka R, Kapiti Island, Whakapapa, Birch Farm, Pawanui, Makara Radio, Mount Morrison, South Karori, Paruwai Farm, Moikau Station, Neikau, Tuamarina, Quartz Range, Blackbirch Sta.

Table with columns: Code, Station Name, n18, r120/32, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like VALF Valcebollere, CARF Carcanieres, and others.

Table with columns: Code, Station Name, JMA 21:20:46:50.4, 0.7, 44.92N, 147.81E, h147km, M3.5, Kuril Islands. Includes stations like NEM2 Nemuro 2, JTKR Abashiri-Toko, etc.

ICD 21 20:49:14.9, 3.3, 14.69N, 146.60E, mb3.9/5, mb1 3.9/5, mb1mx3.7/19, Error ellipse: s-maj=94.2km s-min=27.9km az=72.0

NEIC 21 20:49:21.1, 3.1, 14.77N, 146.76E, h58km, mb4.6/2, Error ellipse: s-maj=46.3km s-min=15.0km az=95.0

ISC 21 20:49:19.7, 3.5, 14.8N, 0.1, 146.8E, 0.4, h66km, 17km, n12, r101/12, mb4.0/7, 1C, Mariana Islands

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like SAPN Saipan, ANAT Anatah, and others.

LDG 21 20:58:01.7, 0.4, 42.32N, 2.17E, h4km, Md2.4/3, M2.0/7, Error ellipse: s-maj=6.7km s-min=3.1km az=154.0

MDD 21 20:58:01.7, 0.4, 42.32N, 2.18E, h4km, 7km, mbLg1.4/8, Error ellipse: s-maj=3.7km s-min=2.4km az=151.0

Aftershock PLICA PRXIMO ICD 21 20:57:59.6, 0.7, 42.36N, 0.04, 2.17E, 0.04, h12km, 5km, n15, r132/28, Pyrenees

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like VALF Valcebollere, CARF Carcanieres, and others.

VIVF 2.0nm,0.3s Saint-Julien-I 3.09 35 eSg Sg 20 59 40.0 -2.5 ICD 21 21:01:21.3, 0.9, 60.50S, 26.70W, mb4.4/4, mb1 4.5/4, mb1mx4.3/10, MS4.0/8, Ms1 4.0/8, ms1mx3.8/16, Error ellipse: s-maj=51.8km s-min=23.1km az=44.0

NEIC 21 21:01:22.4, 0.3, 60.50S, 26.66W, h10km, mb4.8/10, Error ellipse: s-maj=9.6km s-min=5.6km az=53.0 ISC 21 21:01:18.1, 0.6, 61.13S, 0.09, 26.8W, 0.3, h10km, n38, r18/23, mb4.6/12, MS4.1/8, 7C, South Sandwich Islands region

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, and others.

Table with columns: Code, Station Name, JMA 21:20:46:50.4, 0.7, 44.92N, 147.81E, h147km, M3.5, Kuril Islands. Includes stations like NEM2 Nemuro 2, JTKR Abashiri-Toko, etc.

ICD 21 21:09:05.0, 5.0, 17.11S, 175.45W, mb4.2/4, mb1 4.3/4, mb1mx3.9/14, Error ellipse: s-maj=160.0km s-min=101.1km az=158.0, Tonga Islands

ISC 21 21:09:05.0, 5.0, 17.11S, 175.45W, mb4.2/4, mb1 4.3/4, mb1mx3.9/14, Error ellipse: s-maj=160.0km s-min=101.1km az=158.0, Tonga Islands

ISC 21 21:09:05.0, 5.0, 17.11S, 175.45W, mb4.2/4, mb1 4.3/4, mb1mx3.9/14, Error ellipse: s-maj=160.0km s-min=101.1km az=158.0, Tonga Islands

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, and others.

ICD 21 21:39:01.3, 6.0, 5.39N, 96.62E, mb3.7/3, mb1 4.0/3, mb1mx3.9/14, Error ellipse: s-maj=322.0km s-min=28.0km az=57.0, Northern Sumatra

ISC 21 21:39:01.3, 6.0, 5.39N, 96.62E, mb3.7/3, mb1 4.0/3, mb1mx3.9/14, Error ellipse: s-maj=322.0km s-min=28.0km az=57.0, Northern Sumatra

ISC 21 21:39:01.3, 6.0, 5.39N, 96.62E, mb3.7/3, mb1 4.0/3, mb1mx3.9/14, Error ellipse: s-maj=322.0km s-min=28.0km az=57.0, Northern Sumatra

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like RAR Rarotonga, STKA Stephens Creek, and others.

Table with columns: Code, Station Name, MSWZ Cannon Top, 0.61 299 S* Sb 22 11 41.0 +1.5. Includes stations like CAW Cannon Top, BHW Baring Head, and others.

MAN 21 22:39:19.1, 9.39N, 125.60E, h5km, mb4.1, ML3.0, MS2.7, ID, Mindanao

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like SCPH Surigao, BUTP Butuan, and others.

ICD 21 22:44:24.0, 4.0, 6.76S, 173.41W, mb4.3/9, mb1 4.6/10, mb1mx4.4/17, ML4.9/1, Error ellipse: s-maj=35.7km s-min=16.8km az=145.0

NEIC 21 22:44:26.3, 0.4, 6.87S, 173.33W, h15km, mb4.6/5, Error ellipse: s-maj=14.0km s-min=8.8km az=164.0

ISC 21 22:44:24.0, 4.0, 6.16S, 0.1, 173.4W, 0.1, h10km, n22, r05/76, mb4.4/14, Tonga Islands

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like RAR Rarotonga, URZ Urewera, and others.

NEIC 21 22:53:28.5, 0.5, 36.09S, 101.55W, h10km, mb4.5/8, Error ellipse: s-maj=22.7km s-min=13.0km az=78.0

ICD 21 22:53:32.1, 0.5, 35.03S, 101.33W, mb4.2/6, mb1 4.6/6, mb1mx4.4/15, MS4.0/7, Ms1 4.0/7, ms1mx3.8/18, Error ellipse: s-maj=49.4km s-min=29.0km az=22.0

ISC 21 22:53:27.3, 0.6, 36.01S, 0.1, 101.8W, 0.2, h10km, n35, r121/24, mb4.3/14, MS4.0/7, 6C-1D, Southeast of Easter Island

Table with columns: Code, Station Name, n15, r132/28, Pyrenees, Phase ID, Time Res, h m s ISC. Includes stations like LPAZ La Paz, WRA Warramunga Arr, and others.

BUI 21 22:55:10.7, 15.01N: 147.04E, h56km, mb5.0, mb4.7, Ms4.4, Ms24.0
NEIC 21 22:55:12.8, 0.9, 14.83N: 146.74E, h53km, mb4.9/19, Error ellipse: s-maj=9.5km s-min=6.2km az=94.0
HRVD 21 22:55:12.8, 1.3, 14.83N: 146.74E, h134km, 14km, MW4.8/26, Centroid moment Tensor Solution. LP body waves: s7.c7; Mantle waves: s26.c36; Half duration: 0 Moment tensor: Scale 10^16Nm; Mv: 1.69; 17; Mm: 1.78; 23; Mm: 0.09; 18; Mm: 0.14; 18; Mm: 0.29; 23; Mw: 0.40; 12; Best double couple: M1.81x10^16 Np1: q=274; b43; 71; NP2=0.69; 65; 1-107; Principal axes: T 1.83 P1g3; Azm1 71; N-05; P1g13; Azm30; P -1.79; P1g77; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s
IDC 21 22:55:16.4, 6.9, 14.81N: 146.65E, h84km, mb3.6m, mb4.1/17, mb1 4.2/17, mb1mx4.1/25, MS3.8/11, Ms1 3.9/11, ms1mx3.7/25 Error ellipse: s-maj=22.2km s-min=12.6km az=90.0
ISC 21 22:55:11.7, 0.9, 14.79N: 0.05, 146.74E: 0.06, h57km, mb3.7m, h57km, mb4.7km, pp-P, n81, 0.05/95/66, MB4.7/41, MS3.9/19, 9C, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like SAPN Saipan, ANAZ Anatahan, MAJO Matsushima, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PKI Pulchoki, KKN Kakani, DMN Daman, GKN Gorkha, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like ASAR, ASPA Alice Springs, MBWA Marble Bar, STKA Stephens Creek, etc.

LDG 21 23:57:19.9, 0.3, 42.31N: 2.17E, h2km, Md2.5/3, Ml2.0/9, Error ellipse: s-maj=5.0km s-min=2.5km az=152.0
MDD 21 23:57:20.7, 0.3, 42.35N: 2.14E, h4km, 5km, mbLg1.5/8, Error ellipse: s-maj=2.4km s-min=2.1km az=24.0, Aftershock/CLICA PRXIMO

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like VALF Valcebollere, CLLI Livlia, CBRU Brugera, etc.

BUI 22 00:09:30.8, 1.0, 21.95S: 179.10W, h536km, mb4.3, mb4.5
NEIC 22 00:09:30.8, 1.0, 21.95S: 179.07W, h537km, 12km, mb4.6/15, Error ellipse: s-maj=12.0km s-min=8.6km az=163.0
SYO 22 00:09:31.4, 2.02S: 179.05W, h547km, MB4.2
IDC 22 00:09:32.3, 1.3, 21.92S: 179.15W, h551km, 13km, mb4.0/12, mb1 1.4/3/13, mb1mx4.2/16, Error ellipse: s-maj=19.3km s-min=10.0km az=155.0
ISC 22 00:09:31.5, 0.8, 21.95S: 0.06, 179.08W: 0.07, h558km, 10km, n71, 0.09/95/1, mb4.5/26, 2C-9D, South of Fiji Islands

PRU 21 22:56:04.1, 50.28N: 19.05E
WAR 21 22:56:04.1, 50.20N: 19.32E, ML2.8, Mining Induced
ISC 21 22:56:02.3, 0.6, 50.18N: 0.05, 19.01E: 0.04, n12, s14/40/21, Poland

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, NIE Niedzica, etc.

NEIC 21 23:16:02.8, 0.6, 6.86S: 129.90E, h35km, mb4.1/3, Error ellipse: s-maj=20.3km s-min=7.7km az=71.0
IDC 21 23:16:03.6, 6.6, 6.93S: 129.83E, h43km, mb3.9/4, mb1 4.3/7, mb1mx4.1/11, ML4.5/3, Error ellipse: s-maj=87.7km s-min=24.7km az=57.0
ISC 21 23:16:13.2, 4.7, 5.3S: 0.09, 129.8E: 0.1, h190km, 26km, n14, 0.19/21/21, mb3.9/5, 1D, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like MSVF Nonsavu, RAO Raoul Island, DZM Mont Dzumac, etc.

Table with columns: LFF, La Frestale, 2.57 36 ePn, Pn, 04 20 38.6, -2.4

NEIC 22 04:32:32.3, 38.42S; 175.93E, h215km, After WEL. WEL 22 04:32:34.4, 0.5, 38.32S; 175.92E, h191km, 4km, ML4.1/7, 3C-1D, Error ellipse: s-maj=5.2km s-min=4.0km az=0.0,

Main table for station data under 'North Island' with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

BJI 22 04:35:59.7, 5.70S; 147.50E, h169km, mb4.7, mb4.8 NEIC 22 04:35:59.7, 0.6, 5.67S; 147.48E, h169km, mb4.8, 8/25, Error ellipse: s-maj=8.2km s-min=6.2km az=110.0, SYO 22 04:35:59.3, 5.66S; 147.44E, h167km, mb4.8, 8/25, IDC 22 04:36:01.0, 0.5, 6.68S; 147.51E, h180km, 37km, mb4.4/15, mb1.4, 6/17, mb1mx4.6/19, MS3.8/8, Ms1.3/8.8, ms1mx3.6/17, Error ellipse: s-maj=21.4km s-min=11.5km az=85.0, ISC 22 04:35:58.0, 0.8, 5.61S; 0.04, 147.50E; 0.06, h165km, 7km, h164km, 4.2km; p-P, n76, s1901/76, mb4.8, 3C-2D, 7D,

Main table for station data under 'Eastern New Guinea region' with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Main table for station data in the middle column with columns: MAT, Matsushiro, 42.83 349 P S P, 04 43 40.9, -0.5

Table for station data in the top right column with columns: QILN, Rankin Inlet, 3.20 235 PN Pn, 04 38 23.4, -0.5

LDG 22 04:55:02.6, 0.1, 47.93N; 6.49E, h15km, Md2.0/3, M2.0/5, Error ellipse: s-maj=1.9km s-min=1.4km az=1.0, STR 22 04:55:02.8, 0.1, 47.94N; 6.50E, h10km, M1.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 22 04:55:01.4, 0.4, 47.90N; 6.45E; 0.03, h15km, m12, e093/24, France

Main table for station data in the middle right column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

BER 22 05:11:01.7, 3.9, 77.67N; 8.29E, ML3.4 (NAO)

Table for station data in the bottom right column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

IDC 22 05:11:50.2, 7.2, 22.01S; 148.36E, mb1.3/9.3, mb1mx3.7/9, ML3.7/3, Error ellipse: s-maj=75.2km s-min=44.5km az=38.0, Queensland

Main table for station data in the bottom right column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

CASC 22 05:41:06.2, 2.2, 12.60N; 87.99W, h45km, 66km, MD3.5, ML2.9, 1C, Near coast of Nicaragua

Main table for station data in the bottom right column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

NIED 22 05:47:00, 42.20N; 144.70E, h26km, Mw4.3 Best double couple: M3.37x1015 NP1.9e19, 872, 1.78. NP2e235e, 821, 1.124, MOS 22 05:47:02.5, 1.1, 42.16N; 144.73E, h43km, mb4.5/15, Error ellipse: s-maj=18.4km s-min=6.6km az=100.9, BJI 22 05:47:03.3, 42.19N; 144.53E, h36km, mb4.6, mb4.8, Ms3.9, Ms3.6, SKHL 22 05:47:03.0, 3.7, 42.10N; 144.90E, h31km, 9km, mb4.9/3, ms4.0/1, JMA 22 05:47:03.5, 42.23N; 144.73E, h29km, 1km, M4.2, JMA Felt J1, IDC 22 05:47:04.3, 0.7, 42.19N; 144.54E, h37km, 5km, mb3.9/17, Ms3.9, Ms3.6, M1.1, MS3.5/6, Ms1.3/6.6, ms1mx3.3/30, Error ellipse: s-maj=19.3km s-min=15.3km

az=147.0
NEIC 22 05:47:05.0, 42.17N, 144.57E, h43km, mb4.5/13,
MW4.3(NIED), Error ellipse: s-maj=8.8km s-min=6.6km
az=138.0

NEIC Recorded [1 JMA] in the Kushiro area.
ISC 22 05:47:02.5, 0.4, 42.16N, 0.03, 144.70E, 0.05, h36km,
h36km, 1.8km, p-P, n100, s123/107, mb4.3/36, MS3.7/12,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for Hokkaido region including Akkeshi, Onbetsu, Churui, Erimo, Ashorobuto, Nakash, Nemuro 2, Urakawa-nobuka, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for Nanjing, Hu-ho-hao-te, Gaotai, Guiyang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for KIV, NVAR, NB2, NORARS, etc.

NEIC 22 06:57:11.5, 54.88N:158.57W, h5km, ML3.5(AEIC), After AEIC.

IDC 22 06:57:13.6, 16.0, 55.17N:159.46W, h63km, 106km, mb3.1/3, mb1.3, 3.75, mb1mx3.3/2, ML3.7/2, MS3.7/1, Ms1.3/1, ms1mx2.8/9, Error ellipse: s-maj=204.0km s-min=74.8km az=73.0.

ISC 22 07:05:09.2, 0.7, 54.91N:108.158W, 0.06, h5km, n19, c067/21, mb3.3/3, MS3.7/1, South of Alaska

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sand Point, Pavlof South-1, Dolgoi Island, etc.

TAP 22 07:02:00.1, 23.74N:121.80E, h33km, ML4.0 TAP Felt III J at Hualien, I J at Nanau, I J at Suro, I J at Mingjian.

JMA 22 07:02:01.8, 0.2, 23.86N:121.86E, h81km, M3.4 ISC 22 07:02:00.7, 0.3, 23.75N:121.80E, 0.02, h37km, 9km, n57, c077/94, 7C-6D, Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hualien, Shilin, Chiawan, Hungye, Yuli, etc.

IDC 22 07:04:33.2, 6.3, 40.95N:111.00E, mb3.3/2, mb1.3/5/3, mb1mx3.3/20, ML3.1/1, Error ellipse: s-maj=141.0km s-min=33.3km az=79.0, Northeastern China

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Songgino Array, Makanchi Array, Chiang Mai Arr.

LDG 22 07:09:20.7, 0.5, 42.90N:1.38W, h2km, Md2.2/3, Ml2.2/3, Error ellipse: s-maj=9.4km s-min=5.8km az=62.0.

MDD 22 07:09:20.4, 0.5, 42.91N:1.44W, h6km, 6km, mbLg1.7/9, Error ellipse: s-maj=3.9km s-min=2.5km az=38.0, PRXIMO

ISC 22 07:09:18.1, 0.6, 42.83N:0.03x1.44W, 0.05, h6km, n13, c1524/23, Pyrenees

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ste Jean, Larrau, Alkurruntz, etc.

THE 22 07:43:04.5, 42.51N:21.68E, h8km, ML3.8 BEO 22 07:43:05.2, 0.6, 42.50N:21.64E, h14km, 1km

SOF 22 07:43:05.0, 42.40N:21.84E, h5km, MD3.4 PDG 22 07:43:07.0, 0.2, 42.61N:21.55E, h13km

NEIC 22 07:43:07.0, 42.61N:21.55E, h13km, ML3.2(PDG), After PDG.

NEIC Felt IIIJ at Skopje, former Yugoslav Republic of Macedonia.

ISC 22 07:43:04.8, 0.2, 42.43N:0.02, 21.70E, 0.02, h10km, n46, c1509/73, 16C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Barje, Skopje, Vitosha, etc.

IDC 22 07:53:36.8, 2.1, 1.18N:126.67E, mb3.6/3, mb1.3/9/3, mb1mx3.6/14, Error ellipse: s-maj=168.0km s-min=27.2km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs.

IDC 22 08:00:05.2, 3.9, 52.24N:35.34E, mb1.3/9/3, mb1mx3.5/18, ML3.0/4, Error ellipse: s-maj=47.8km s-min=14.7km az=126.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Malin Array Be, Fines Fines Array B, Hagfors, etc.

NIED 22 08:03:00, 39.50N:142.30E, h56km, Mw3.6 Best double couple: M3.11x10^14 NP1:phi=171, 860, lambda=36. NP2:phi=61, delta=144.

JMA 22 08:03:26.3, 0.1, 39.54N:142.30E, h54km, 1km, M3.7 JMA Felt I J1.

ISC 22 08:03:26.4, 1.7, 39.55N:142.3E, 0.1, h49km, 16km, n8, c09/30, 15, 2C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Miyakonagasaki, Tanohata, Ofunato, etc.

MEX 22 08:16:46.0, 0.8, 18.07N:93.17W, h36km, 368km, MD4.0, Bay of Campeche

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like San Cristobal, Matias Romero, Comitán, etc.

IDC 22 08:22:08.5, 0.7, 8.42S:126.69E, mb4.4/10, mb1.4/6/13, mb1mx4.5/15, ML4.7/3, MS3.0/3, Ms1.3/0/3, ms1mx2.9/15, Error ellipse: s-maj=37.5km s-min=14.5km az=76.0.

MOS 22 08:22:10.9, 0.9, 8.49S:126.88E, h33km, mb5.0/6, Error ellipse: s-maj=37.5km s-min=16.2km az=108.9.

BJI 22 08:22:14.6, 8.50S:126.30E, h36km, mb4.7, mb4.7, Ms4.5, Ms2.4.

SYO 22 08:22:14.1, 8.60S:126.59E, h40km, MB4.5 NEIC 22 08:22:14.7, 1.2, 8.53S:126.34E, h36km, 12km, mb4.8/14, Error ellipse: s-maj=13.6km s-min=7.8km az=72.0.

ISC 22 08:22:11.5, 0.3, 8.59S:0.05, 126.60E, 0.08, h33km, (h41km, 2.3km, p-P), n63, c1518/70, mb4.7/31, MS4.3/3, 2C-4D, Timor region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GYA, WHN, NJ2, ENH, MDJ, PKI, etc.

NAO 22 08:27:43.1, 3.5, 59.81Nk, 4.43E, ML2.7 BER 22 08:27:46.5, 2.6, 60.09Nk, 4.41E, MD2.1, ML2.0, ML2.7(NAO), Suspected explosion

ISC 22 08:27:43.3, 1.8, 60.01N, 0.07E, 4.5E, 0.2, n12, s1f01/19, Southern Norway

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGD, RUND, KMY, SUE, etc.

NEIC 22 08:34:23.8, 53.24N, 160.77W, h33km, ML3.5(AEIC), After AEIC

ISC 22 08:34:20.6, 1.9, 53.24N, 0.05E, 160.72W, 0.07, h22km, 18km, n39, s087/43, mb3.8, 4, South of Alaska

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Deer Island, DRIA, DOL.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dutton, Hagu, PVV, PS1A, etc.

IDC 22 08:38:03.0, 0.7, 9.11S, 124.12E, mb4.3/7, mb1.4/6/10, mb1mx4.3/14, ML4.7/3, MS2/3, Mst1.3/3, ms1m3.0/10, Error ellipse: s-maj=40.7km s-min=15.1km az=61.0

DJA 22 08:38:04.9, 1.0, 9.10S, 124.39E, h240km, MD4.8/3, Error ellipse: s-maj=76.5km s-min=20.5km az=8.0

NEIC 22 08:38:10.2, 1.4, 9.18S, 124.11E, h52km, 14km, mb4.6/13, Error ellipse: s-maj=18.5km s-min=6.3km az=48.0

ISC 22 08:38:05.6, 0.4, 9.11S, 0.06E, 124.26E, 0.05, h33km, n42, s120/48, mb4.6/18, MS3.1/2, 1C-3D, Timor region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI, KEDI, RATI, etc.

BJI 22 09:48:45.2, 68.20N, 129.79E, h4km, mb4.6, mb4.6, Ms4.3, Ms2.1

IDC 22 09:48:51.0, 0.0, 67.57N, 129.02E, mb4.0/18, mb1.4/2/18, mb1mx4.2/23, MS3.7/9, Mst1.3/8, ms1mx3.5/24, Error ellipse: s-maj=21.5km s-min=14.4km az=154.0

MOS 22 09:48:51.9, 1.0, 67.65N, 128.93E, h17km, mb4.3/14, Error ellipse: s-maj=23.2km s-min=8.6km az=91.8

NEIC 22 09:48:52.6, 2.6, 67.63N, 128.89E, h4km, 42km, mb4.5/15, Error ellipse: s-maj=9.9km s-min=7.7km az=148.0

ISC 22 09:48:52.2, 1.9, 67.62N, 0.04E, 128.9E, 0.1, h16km, 14km, n80, s1f05/83, mb4.3/38, MS3.7/18, 7D, Northern and central Siberia

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBRB, WB2, ASPA, etc.

IDC 22 09:09:11.4, 14.0, 1.82N, 98.82E, h72km, 118km, mb3.5/3, mb1.3/7, mb1mx3.4/15, Error ellipse: s-maj=150.0km s-min=24.1km az=58.0

NEIC 22 09:09:13.1, 9.9, 2.07N, 99.31E, h67km, 71km, mb4.5/1, Error ellipse: s-maj=126.9km s-min=17.0km az=57.0

NEIC Felt [III] at Tarutung.

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

JMA 22 09:23:42.4, 0.2, 24.11N, 123.74E, h21km, 2km, M1.5

TAP 22 09:23:59.4, 24.27N, 121.65E, h23km, 1km, ML2.1

ISC 22 09:23:42.6, 1.5, 24.11N, 0.08E, 123.74E, 0.04, h20km, 10km, n6, s037/12, Southeastern Ryukyu Islands

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

IDC 22 09:37:09.5, 7.3, 5.58S, 133.59E, mb4.1/1, mb1.3/9/4, mb1mx3.6/10, ML3.1/3, Error ellipse: s-maj=104.0km s-min=64.1km az=142.0, Aru Islands region

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

PRU 22 09:38:33.2, 51.45N, 16.14E

WAR 22 09:38:33.5, 51.47N, 16.11E, ML2.6, Mining Induced, Poland

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

BJI 22 09:48:45.2, 68.20N, 129.79E, h4km, mb4.6, mb4.6, Ms4.3, Ms2.1

IDC 22 09:48:51.0, 0.0, 67.57N, 129.02E, mb4.0/18, mb1.4/2/18, mb1mx4.2/23, MS3.7/9, Mst1.3/8, ms1mx3.5/24, Error ellipse: s-maj=21.5km s-min=14.4km az=154.0

MOS 22 09:48:51.9, 1.0, 67.65N, 128.93E, h17km, mb4.3/14, Error ellipse: s-maj=23.2km s-min=8.6km az=91.8

NEIC 22 09:48:52.6, 2.6, 67.63N, 128.89E, h4km, 42km, mb4.5/15, Error ellipse: s-maj=9.9km s-min=7.7km az=148.0

ISC 22 09:48:52.2, 1.9, 67.62N, 0.04E, 128.9E, 0.1, h16km, 14km, n80, s1f05/83, mb4.3/38, MS3.7/18, 7D, Northern and central Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, WB2, ASPA, etc.

Table of astronomical observations for 22d 11h, listing stations like KSH, EKS2, DAWY, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 00 SEP, listing stations like NOA, WCN, CMB, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 00 SEP, listing stations like VIVF, WMOK, CAF, etc., with columns for station name, coordinates, and observation details.

NEIC 22 11:13:59.2, 32.68S:71.43W, h30km, ML2.7(GUC), After GUC

Table of astronomical observations for NEIC 22 11:13:59.2, 32.68S:71.43W, h30km, ML2.7(GUC), listing station names and observation data.

NEIC 22 11:17:12.3: 1.7, 21.52S: 68.12W, h126km, 15km, mb3.8/3, Error ellipse: s-maj=30.5km s-min=13.6km az=68.0

Table of astronomical observations for NEIC 22 11:17:12.3: 1.7, 21.52S: 68.12W, h126km, 15km, mb3.8/3, listing station names and observation data.

NIED 22 11:23:00, 38.90N:141.70E, h77km, Mw3.7, Best double couple: M3.43x10^14 NP1:202°, 366°, 194°. NP2:13°, 82°, 182°

JMA 22 11:23:15.4, 38.93N:141.66E, h65km, 1km, M3.7, Broadband fault plane solution: P waves, NP1:342°, 87°, 137°. NP2:216°, 88°, 195°. Principal axes: T P1g49°, Azm132°, N P1g5°, Azm36°; P P1g41°, Azm301°

JMA Felt II J, ISC 22 11:23:15.7: 1.7, 38.92N, 0.06:141.7E, 0.1, h62km, 10km, Near east coast of eastern Honshu

Table of astronomical observations for JMA Felt II J, listing station names and observation data.

PRE 22 11:31:38.1: 1.9, 26.95S: 26.77E, h2km, ML3.5, South Africa

Table of astronomical observations for PRE 22 11:31:38.1: 1.9, 26.95S: 26.77E, h2km, ML3.5, South Africa, listing station names and observation data.

NEIC 22 11:33:57.0, 0.5, 1.90N:98.84E, h20km, mb4.3/4, Error

Table with columns: TRBA, At Turbah, 4.29 277, P, Pn, 13 12 14.2, -0.8, 13 12 24.8, etc.

JMA 22:13:22:56.6, 0.1, 33.41N-136.79E, h44km, 3km, M1.2, Near south coast of western Honshu

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

NIED 22:13:23:00, 33.00N, 136.90E, h8km, Mw3.7 Best double couple: M4.27x10^14 NP1=93, 118, 678, 787, 110. NP2: phi=238, delta=23, lambda=32.

JMA 22:13:23:56.7, 0.1, 33.01N-136.88E, h37km, M4.0, JMA Felt J1, ISC 22:13:23:56.7, 0.8, 33.00N, 0.05, 136.87E, 0.03, h37km, n17, phi=69/34, 1C-1D, Near south coast of western Honshu

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

Table with columns: JHUJ, Mitsune, 2.04 87, P, P, 13 24 35.3, -0.2, 13 25 03.4, -1.4, etc.

NAO 22:14:09:37.6, 6.9, 60.01N-9.99E, h15km, 26km, ML2.1, BER 22:13:49:36.5, 3.0, 59.97N-9.87E, ML1.8, ML2.1 (NAO), Suspected explosion, Southern Norway

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

NAO 22:14:08:33.1, 3.0, 67.19N-20.75E, ML2.1, HEL 22:14:08:33.9, 0.1, 67.15N-20.71E, ML2.1, ML2.4 (UPP), JMA 22:14:08:33.7, 4.3, 67.15N-20.90E, ML2.0, ML2.1 (NAO), Suspected explosion

ISC 22:14:08:32.3, 0.5, 67.17N-20.03-20.71E-0.07, n24, phi=26/37, Sweden

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

ISC 22:14:27:35.4, 1.2, 17.78S-64.95E, mb4.0/8, mb1 4.2/8, mb1mx4.0/16, MS3.8/3, Ms1.3/8, ms1mx3.3/17, Error ellipse: s-maj=38.9km s-min=22.6km az=71.0, NEIC 22:14:27:36.5, 0.6, 17.76S-64.81E, h10km, mb4.5/4, Error ellipse: s-maj=22.4km s-min=12.1km az=94.0, ISC 22:14:27:34.7, 0.7, 17.85S, 0.1, 64.9E, 0.2, h10km, n18, phi=93/17, mb4.1/12, MS3.8/3, 3C-1D, Mauritius - Reunion region

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

Table with columns: RATI, Kedondong, 1.27 47, P, Pn, 14 46 18.8, -1.4, 14 46 15.8, -0.7, etc.

LJU 22:14:55:47.8, 46.11N-14.77E, h16km, ML3.5, LDG 22:14:55:48.0, 0.1, 46.11N-14.84E, h10km, M3.8/10, Error ellipse: s-maj=3.6km s-min=2.5km az=21.0, PDG 22:14:55:48.6, 0.7, 46.10N-14.70E, h11km, IDG 22:14:55:48.1, 2.4, 46.10N-14.89E, h7km, 13km, mb3.6/3, mb1 3.8/7, mb1mx3.7/20, ML3.5/4, Error ellipse: s-maj=16.9km s-min=12.0km az=30.0, PRU 22:14:55:48.6, 46.12N-14.85E, NEIC 22:14:55:48.7, 0.3, 46.15N-14.80E, h6km, 2km, MD3.8 (PDG), ML4.1 (STR), ML3.9 (VIE), ML3.8 (CLL), ML3.7 (ZAG), ML3.7 (SZGRF), ML3.6 (LUJ), ML3.5 (FUR), ML3.5 (BRG), Error ellipse: s-maj=1.8km s-min=1.7km az=198.0, NEIC Felt throughout Slovenia, BGR 22:14:55:49.3, 1.0, 46.12N-14.83E, h10km, ML3.7/8, Error ellipse: s-maj=13.3km s-min=11.1km az=131.0, STR 22:14:55:54.4, 5.5, 46.35N-14.26E, h10km, 1km, M3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 22:14:55:47.4, 0.2, 46.144N-0.009-14.78E, 0.01, h11km, 1km, n180, phi=31/299, mb3.6/3, 38C-1D, Northwestern Balkan Peninsula

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

PKDS Podkum, 0.16 113, Op, ISC, 14 55 52.5, +1.3, 14 55 54.9, +1.2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Sankt Quirin, Sarbogard, GERESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Ceresole Reale, MONE, Muro Lucano, etc.

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

NEIC 22 15:06:10.4, 18.83N-68.17W, h166km, MD3.9(RSPR), After RSPR, RSPR 22 15:06:10.4, 18.83N-68.17W, h166km, 1km, MD3.9/11, MD3.9/1.1, 9C-3D, Mona Passage

IDC 22 15:25:38.2, 2.1, 51.01N-175.53E, mb3.5/4, mb1 3.9/5, mb1mx3.6/22, ML3.1/1, Error ellipse: s-maj=49.7km, s-min=14.3km az=32.0

NEIC 22 15:25:40.1, 1.5, 51.11N-175.46E, h10km, ML3.7(AEIC), Error ellipse: s-maj=34.2km s-min=9.2km az=196.0

ISC 22 15:25:35.9, 2.2, 50.9N, 0, 1, 175.40E, 0.08, h2km, 15km, n17, r1917/23, mb3.6/4, Rat Islands

IDC 22 15:43:31.4, 0.6, 57.95S-25.27W, mb4.7/8, mb1 4.7/8, mb1mx4.7/11, MS4.0/4, Mst 4.0/4, ms1mx3.8/13, Error ellipse: s-maj=29.1km s-min=17.8km az=46.0

NEIC 22 15:43:38.5, 1.4, 57.88S-25.32W, h49km, 13km, mb4.6/12, Error ellipse: s-maj=11.5km s-min=6.9km az=218.0

ISC 22 15:43:37.2, 8.57, 86S-0.25, 2W-0.2, h59km, 27km, n53, r099/32, mb4.7/17, MS3.9/5, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA3, VNA2, etc.

0.8m,0.2s
ROSF **Rostronen** 5.81 339 eSn Sn 18 13 45.9 -9.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ghir-Karzin, Na'in, Al-Qurain, Um Al-Rimmam, Kerman, etc.

22d 18:34:20.74.9.34.85N:70.70E,mb3.8/2,mb1.3.9/4, mb1mx3.5/19,ML4.1/2,Error ellipse: s-maj=86.1km s-min=4.1km az=5.0

NEIC 22 18:34:52.9.2.6.36.51N:71.16E,h199km,28km,mb4.0/9, Error ellipse: s-maj=34.8km s-min=8.9km az=65.0

ISC 22 18:34:53.3.2.2.36.6m.0.1.71.2E-0.3,h229km,20km,n21, c076/21,mb3.4/2,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Almayashu, Uchtor, Kyzart, Erkin-Say, etc.

ISC 22 18:39:21.5:1.8,11.79N-85.06W,mb3.6/3,mb1.4/1,3, mb1mx3.8/18,Error ellipse: s-maj=97.0km s-min=22.0km az=72.0

CASC 22 18:39:22.6:2.4,10.50N-86.63W,h24km,15km,MD4.3, mb3.9(NEIC)

NEIC 22 18:39:27.2:2.2,11.54N-85.37W,h44km,19km,mb3.9/1, Error ellipse: s-maj=87.4km s-min=15.5km az=61.0

ISC 22 18:39:21.2:1.4,10.50N-0.05:86.65W-0.05,h15km,12km,n39,c097/42,mb3.6/4,5C-1D,Off coast of Costa Rica

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

0.8m,0.8s,baz=344,slow=3.6,SNR=5.9

ISC 22 18:48:08.5:7.2,19.00S-176.69W,mb4.2/3,mb1.4.4/3, mb1mx3.9/14,Error ellipse: s-maj=289.0km s-min=115.7km az=152.0,Fiji Islands region

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

LDG 22 18:53:04.1:0.1,42.56N-1.01E,h6km,Md2.3/3,ML2.2/8, Error ellipse: s-maj=0.9km s-min=0.7km az=19.0

STR 22 18:53:04.0:0.2,42.56N-1.01E,h5km,1km,ML2.2,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 22 18:53:04.5:0.2,42.57N-1.02E,h10km,mbLg1.8/17,Error ellipse: s-maj=2.0km s-min=1.6km az=57.0,PRXIMO

ISC 22 18:53:03.0:0.3,42.59N-0.02:1.03E-0.02,h12km,3km,n38,c192/62,1D,Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Salau, Sort, Organya, Gorbait, Ens, Esparrros, etc.

ISC 22 19:06:35.0:3.0,18.95S-174.54W,mb4.0/3,mb1.4.4/3, mb1mx3.9/14,Error ellipse: s-maj=223.0km s-min=31.8km az=152.0,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Mina Array Bea, Malin Array Be.

JMA 22 19:09:09.7:0.6,25.21N-122.61E,ML2.8 TAP 22 19:09:10.8,24.92N-122.23E,h9km,ML3.2,Taiwan region

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

NEIC 22 19:21:56.5:3.4,06S-72.28W,h34km,ML3.6(GUC),After GUC

GUC 22 19:21:56.5:0.6,34.06S-72.28W,h34km,1km,MD4.0, ML3.6,10C-SD,Near coast of Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Longovilo, Langs Cruces, Instituto Hidr, San Fernando, Talagante, Rinconada Maip, Chadas Angosto, El Canelo, Antumapu, Santiago, Santa Lucia, Pirque, Cipreses, Colegio Aleman, Penalolen, Cerro Calan, Peldehue, San Jose de Ma, Las Melosas, Farellones, Jahuel.

NEIC 22 19:23:15.3:7.4,36.86N-71.03E,h4km,50km,mb4.2/7, Error ellipse: s-maj=25.3km s-min=7.6km az=64.0

BUI 22 19:23:18.1,36.59N-71.26E,h20km,mb3.8,ML4.3

ISC 22 19:23:27.6:13.0,37.43N-71.35E,h81km,92km,mb3.7/5, mb1.3.8/7,mb1mx3.5/19,ML4.0/2,Error ellipse: s-maj=125.0km s-min=29.9km az=7.0

ISC 22 19:23:26.2:0.6,37.07N-0.03:71.76E-0.09,h129km,10km,n39,c106/41,mb3.9/3,3C-1D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, Kashi, Miram, Cerro Negro, Playitas, Cerro Gallo 2, Puriscal, Volcan Poas 2, Bijaqay, La Lucha 2, Tortuguero, Urasca, Conchagua, Buena Vista, San Miguel, San Vicente, La Ceiba, El Faro, Lajitas, Lajitas array, Pinedale Array, Mina Array Bea, Mina Array Bea, Alice Springs, Warramunga Arr, Chiang Mai Arr.

22d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW, Mawson, BDFB, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW, PPT, STKA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DAC, ULM, BWO6, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Yellowknife Ar, GYA, MKAR, ENH, WHN, INK, DAW, NJ2, DIV, SSE, THY, ILAR, COLA, BTO, PMR, COLA, FIB, MCK, KDAK, TIA, HHC, MOY, ZAK, SONM, ULN.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like IMA, INCN, TNA, BOD, MAJO, CN2, HIA, TIXI, MDJ, ERM, KLR, SMY, YAK, YSS, YSS, PET, MA2, DJA, KEDI, KEDI, RATI, INGI, KELI, IDC, VNA3, VNA2, SNAW, SNAW, ILAR, SONM, IDC, IDC, BKM, BKM, CTA, WB2, WRA, ASAR, ASAR, FITZ, FITZ, ILAR, KRSC, KMNr, KPT, ZLN, TUMR, LGNR, CIRR, CIRR, KOZ, KOZ, KRSR, KRGR, KLY, KLY, SRDR, SRDR, SVLR, SVLR, ESO, ESO, ESO, ESO, MKZ, MKZ, KBG, KBG, KBG, KBG, KBTR.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KBTR, GNL, GNL, SDLR, SPN, SPN, NLC, NLC, SMAR, AVH, AVH, KOC, KOC, APC, APC, RUS, RUS, TAP, YOJ, YOJ, IRIF, IRIF, HATJ, HATJ, JKRS, JKRS, JKRS, JKRS, TAP, YOJ, YOJ, IRIF, IRIF, HATJ, HATJ, JKRS, JKRS, JKRS, JKRS, LDG, STR, MDD, SJPF, SJPF, LARF, LARF, EALK, EALK, OSSF, OSSF, ETSF, ETSF, ETSF, ETSF, ESAC, ESAC, ELAN, ELAN, LFF, LFF, LFF, LFF, RJJ, RJJ, RJJ, RJJ, IDC, WRA, WRA, ASAR, ASAR, ASAR, ASAR, STKA, MKAR, NEIC, IDC, IDC, LPAZ, LPAZ, ARE, ARE, NNA, NNA, SAML, SAML, CPUP, CPUP, BDFB, BDFB, VNA3, VNA2, SNAW, SNAW, LIC, LIC, TIC, TIC, KIC, KIC, DBIC, DBIC, SONM, SKHL, SKHL, SKHL, SKHL, OKH, OKH, OKH, OKH.

23d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKH, OKK, OKX, OKY, OKZ, etc.

IDC 22:30:15.14.7z.2.1.33.44Nz.23.91E, mb4.0/6, mb1 4.1/12, mb1mx4.0/24, ML4.0/6, Error ellipse: s-maj=37.3km s-min=21.6km az=27.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVD, VAM, IDI, XRY, NPS, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLCN, CLTB, MMLI, KMTI, etc.

IDC 22:31:27.3z.2.4.42.44S, 120.20E, mb3.9/3, mb1 4.1/5, mb1mx3.9/3, ML4.0/1, Error ellipse: s-maj=50.7km s-min=37.3km az=180.0

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

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

IDC 23:00:27.20z.1.9.1.79S, 129.09E, mb3.7/2, mb1 3.9/3, mb1mx3.6/13, ML3.7/1, Error ellipse: s-maj=116.0km s-min=25.1km az=69.0, Halmahera

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOS, VOR, KEV, OBK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LOD, NSS, NSS, KBR, etc.

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

mb1 4.2/11, mb1mx4.2/14, ML4.3/2, MS3.4/2, Ms1 3.4/2, ms1mx3.2/11, Error ellipse: s-maj=25.0km s-min=11.0km az=97.0

NEIC 23 03:08:42.5:1.5, 1.92S:139.22E, h52km, 14km, mb4.3/9, Error ellipse: s-maj=12.9km s-min=9.2km az=80.0

ISC 23 03:08:38.0:0.5, 1.89S, 0.06:139.3E, 0.1, h33km, n28, #0567/28, mb4.3/13, MS3.2/2, 1D, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PMG Port Moresby, KAKA Kakadu, WRAB Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, CTA Charters Tower, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BDFB Brasilia, BDFB Brasilia, ROSC El Rosal, LPAZ La Paz, LPAZ La Paz, DBIC Dimbokro, CPUP Uila Florida, SADO Sadova, TXAR Lajitas Array, TXAR Lajitas Array, NOA NORSAR Array B, PDAR Pinedale Array, PDAR Pinedale Array, ILAR Eielson Array, ILAR Eielson Array.

NEIC 23 03:46:16.8:0.7, 51.56N:16.16E, h5km, ML2.8(SZGRF), ML2.5(BRG), ML2.5(CLL), Error ellipse: s-maj=8.8km s-min=6.3km az=58.0

PRU 23 03:46:17.7, 51.50N, 16.15E

WAR 23 03:46:18.1, 51.52N, 16.12E, ML2.9, Mining Induced

ISC 23 03:46:15.4:0.6, 51.52N:0.03:16.12E, 0.04, n19, #129/25/45, 2C, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, UPC Upec, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, PVCC Panska Ves, BRG Berggiesshobel, BRG Berggiesshobel, PRU Pruhonice, PRU Pruhonice, MORC Moravsky Berou, MORC Moravsky Berou, OKC Ostrava-Krasne, OKC Ostrava-Krasne, NKC Novy Kostel, NKC Novy Kostel, NKC Novy Kostel, OJC Ojcow, OJC Ojcow, KHC Kasperske Hory, KHC Kasperske Hory, GERS GERS Array S, WET Wetzell, BSD Bornholm Skovb, BSD Bornholm Skovb, MOA Mollin, MOA Mollin, ARSA Arzberg, ARSA Arzberg.

IDC 23 03:13:57.0:2.3, 1.81S:140.07E, mb4.0/4, mb1 4.2/5, mb1mx3.9/11, ML4.2/1, Error ellipse: s-maj=97.9km s-min=23.3km az=83.0

NEIC 23 03:14:13.5:7.0, 2.19S:138.90E, h11km, 60km, mb4.0/3, Error ellipse: s-maj=48.9km s-min=20.0km az=67.0

ISC 23 03:14:03.0:1.4, 2.05S, 0.1:139.0E, 0.4, h33km, n10, #0555/10, mb3.9/9, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, ASPA Alice Springs, MBWA Marble Bar, MBWA Marble Bar, STKA Stephens Creek, STKA Stephens Creek, MKAR Makanchi Array, MKAR Makanchi Array, BVAR Borovoye Array, BVAR Borovoye Array, GSPA South Pole Qui, GSPA South Pole Qui.

CASC 23 03:29:23.9:1.9, 12.46N:87.95W, h43km, 64km, MD4.0, ML3.7, 8C-6D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CNCH Conchagua, CNCH Conchagua, CRIN San Cristobal, CRIN San Cristobal, VSM San Miguel, VSM San Miguel, YSM YSM, YSM YSM, BLML Bellamira, BLML Bellamira, LEON Leon, LEON Leon, AGUN Aguas Caliente, AGUN Aguas Caliente, MIRN Miramir, MIRN Miramir, CAHU Cacahuatque, CAHU Cacahuatque, COPN Copalque, COPN Copalque, MOMJ Motomombo, MOMJ Motomombo, SNVI San Vicente, SNVI San Vicente, LCBS La Ceiba, LCBS La Ceiba, LFRS El Faro, LFRS El Faro, SOMN Somoto, SOMN Somoto, XAVN Gruta Xavier, XAVN Gruta Xavier, LBRS Las Brisas, LBRS Las Brisas, MGAN Managua, MGAN Managua, LFU La Fuente, LFU La Fuente, TICN Ticuantepe, TICN Ticuantepe, BOQS Boqueron, BOQS Boqueron, PYTN Playitas, PYTN Playitas, SBL San Blas, SBL San Blas, SNUJ San Jose, SNUJ San Jose, RTR El Retiro, RTR El Retiro.

IDC 23 03:43:27.4:2.4, 13.31N:43.69W, mb3.8/6, mb1 4.1/6, mb1mx3.8/9, MS3.6/9, Ms1 3.7/9, ms1mx3.4/27, Error ellipse: s-maj=29.6km s-min=23.6km az=85.0

ISC 23 03:43:27.8:2.1, 13.3N, 0.1:43.8W, 0.5, h10km, n11, #077/6, mb3.7/6, MS3.6/9, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASPA Alice Springs, JHJ Hachijo jima, MAJO Matushiro, NWAO Naruhino (SRO), STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, MDJ Mudanjing, ASAJ Asahikawa, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, KURK Kurchatov, BVAR Borovoye Array, BRVK Borovoye, ZRNK Zerenda, ARU Aru, MAW Mawson, COLA College, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

NEIC 23 04:53:50.2:7.2, 7.26N:93.47E, h69km, 53km, mb4.5/1, Error ellipse: s-maj=90.2km s-min=14.3km az=65.0

IDC 23 04:53:55.9:1.1, 7.49N:93.84E, h110km, 90km, mb3.3/4, mb1 3.5/5, mb1mx3.3/16, ML4.4/1, Error ellipse: s-maj=10.0km s-min=18.8km az=63.0

ISC 23 04:53:52.3:1.7, 7.4N, 0.1:93.7E, 0.3, h100km, n13, #054/26, mb3.8/6, Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PKI Puchok, DMN Dman, KKN Kakan, KKN Kakan, KOLN Koldanda, MBWA Marble Bar, FITZ Fitzroy Crossi, MKAR Makanchi Array, SONM Songoing Array, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Warramunga Arr, ASAR Warramunga Arr.

NEIC 23 05:22:17.3:3.0, 2.146S:176.45W, h186km, 32km, mb4.1/4, Error ellipse: s-maj=21.9km s-min=11.7km az=164.0

IDC 23 05:22:07.7:5.2, 2.166S:176.34W, h220km, 78km, mb3.4/6, mb1 3.6/8, mb1mx3.5/16, Error ellipse: s-maj=57.8km s-min=19.8km az=168.0

ISC 23 05:22:15.3:3.3, 2.155S:0.2:176.5W, 0.1, h180km, 37km, n17, #0592/16, mb3.9/9, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RAR Rarotonga, RAR Rarotonga, URZ Urutua, URZ Urutua, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, ASPA Alice Springs, MBWA Marble Bar, MBWA Marble Bar, GSPA South Pole Qui, GSPA South Pole Qui, PMR Palmerston, PMR Palmerston, TXAR Lajitas Array, TXAR Lajitas Array, AKASO Malin Array B, AKASO Malin Array B.

IDC 23 05:22:17.8:23.0, 13.64S:170.48E, h462km, 328km, mb3.0/5, mb1 3.3/5, mb1mx3.1/15, Error ellipse: s-maj=260.0km s-min=62.7km az=161.0, Vanuatu Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ILAR Eielson Array, ILAR Eielson Array.

PRU 23 05:32:13.2, 48.34N:18.85E, Felt In Slovakia

NEIC 23 05:32:13.0:0.4, 48.27N:18.81E, h8km, 3km, ML3.5(VIE), ML3.1(BRG), ML3.0(BRA), Error ellipse: s-maj=3.8km s-min=3.2km az=88.0

IDC 23 05:32:14.2:1.1, 48.21N:18.53E, mb1 3.6/5, mb1mx3.4/21, ML3.4/5, Error ellipse: s-maj=15.9km s-min=9.3km az=12.0

ISC 23 05:32:12.1:0.3, 48.32N, 0.01:18.76E, 0.2, h7km, 2km, n46, #128/98, 7C-4D, Czech and Slovak Republics

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VYHS Vyhne, VYHS Vyhne, SRO Srobarova, SRO Srobarova, PENC Penc, PENC Penc, LIKS Likavka, LIKS Likavka, BUD Budapest, BUD Budapest, BUD Budapest, BUD Budapest.

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

IDC 23 05:46:57.3:1.0, 4.28S, 124.22E, mb4.2/6, mb1 4.3/8, mb1mx4.1/15, ML3.4, MS3.4/5, Ms1 3.4/5, ms1mx3.2/14, Error ellipse: s-maj=88.3km s-min=17.2km az=63.0

NEIC 23 05:46:58.0:0.7, 4.36S, 124.17E, h10km, mb4.4/2, Error ellipse: s-maj=53.5km s-min=10.6km az=64.0

ISC 23 05:46:56.7:0.4, 4.5:0.2, 124.1E:0.3, h10km, n12, a113/11, mb4.2/7, MS3.4/3, Banda Sea

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

LDG 23 05:56:06.1:0.4, 42.30N:2.17E, h4km, Md2.6/3, MI2.4/7, Error ellipse: s-maj=6.6km s-min=2.7km az=159.0

ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 23 05:56:06.8:0.4, 42.48N:2.05E, h5km, ML2.7(STR), ML2.4(LDG), MN2.2(MDD), After STR

MDD 23 05:56:07.3:0.4, 42.35N:2.14E, h5km, 6km, mb1.9/10, Error ellipse: s-maj=3.25km s-min=2.2km az=161.0

Aftershock PLICA PRXIMO

ISC 23 05:56:05.3:0.6, 42.38N:0.03:2.14E:0.03, h8km, 4km, n24, a1133/39, Pyrenees

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

IDC 23 06:37:57.8:1.8, 2.59N:127.07E, mb3.4/5, mb1 3.7/5, mb1mx3.5/16, Error ellipse: s-maj=97.8km s-min=24.7km az=68.0, Northern Molucca

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

RSRPR 23 06:40:56.4, 19.54N:65.20W, h25km, 39km, MD3.7/6, MD3.7/6

NEIC 23 06:40:56.4, 19.54N:65.20W, h25km, MD3.7(RSPR), After RSPR

ISC 23 06:40:55.3:1.6, 19.49N:0.10:65.3W:0.1, h25km, n13, a065/21, 7C-3D, Puerto Rico region

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

MOS 23 06:59:14.6:1.4, 56.25N:163.50E, h5km, mb4.0/6, Error ellipse: s-maj=18.5km s-min=11.4km az=66.1

KRSC 23 06:59:14.5:0.7, 56.21N:163.47E, ML4.4

IDC 23 06:59:16.0:0.7, 56.22N:163.39E, mb3.7/10, mb1 3.9/11, mb1mx3.8/24, ML3.3/1, Error ellipse: s-maj=22.1km s-min=11.3km az=27.0

NEIC 23 06:59:19.8:3.3, 56.26N:163.28E, h25km, 25km, mb4.3/5, Error ellipse: s-maj=14.1km s-min=7.8km az=139.0

ISC 23 06:59:14.9:0.8, 56.20N:0.03:163.63E:0.04, h15km, 4km, n65, c1814/93, mb3.9/14, Near east coast of Kamchatka

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

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

OSSR 450nm, 1.0s

OSSR Ossora

KII Karymskiy

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

SPN Mys Shipunski

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SPN Mys Shipunski

SPN Mys Shipunski

23d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and various performance metrics. Includes stations like ETOR Torette, TCF Toulx Ste Croix, MBDF Montbardon, etc.

NEIC 23 09:58:05.7.42.34N-2.15E, h4km, ML4.0(LDG), ML3.9(STR), ML3.3(MRB), MN3.5(MDD), After MRB. NEIC Felt [IV] at Querabús, [III] at Pardinas, Planolas, Ribas de Freser and Ripoll, Spain. LDG 23 09:58:06.7.0.1.42.35N-2.13E, h4km, M4.0/41, Error ellipse: s-maj=2.0km s-min=1.4km az=150.0. MDD 23 09:58:06.1.0.2.42.34N-2.16E, h2km, 2km, mbl=65.0, III RIPOLL RIBES DE FRESEER PLANOLAS PARDINES PRXIMO Aftershock PLICA. MDD EMS: III-IV QUERABUS. STR 23 09:58:06.9.0.3.42.40N-2.07E, h10km, 1km, M3.9, Error ellipse: s-maj=2.0km s-min=0.0km az=1.0. ISC 23 09:58:03.9.0.3.42.43N.0.01-2.17E.0.01, h4km, 2km, n171, s1960/353, 4C, Pyrenees

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and various performance metrics. Includes stations like VALF Valcebollere, CBRU Bruguera, CLLI Llivia, etc.

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Main table with columns: Station Name, Azimuth, Elevation, SNR, and various performance metrics. Includes stations like MELF Les Avelanès, CAVN Les Avelanès, CAVN Les Avelanès, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and various performance metrics. Includes stations like EIBI Ibiza, FRF La Foret Royal, FRF La Foret Royal, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Vianos, Sonseca Array, ESDC, etc.

LGD 23 09:59:47.9.0.1, 42.34N-2.14E, h4km, Md3.0/1, M13.2/17, Error ellipse: s-maj=2.5km s-min=1.7km az=163.0

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

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

NEIC 23 10:04:59.2.1.7, 6.62S; 147.49E, h66km, 13km, mb4.4/7, Error ellipse: s-maj=18.1km s-min=15.3km az=88.0

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

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

ISC 23 10:59:57.2.2.1, 45.2N, 0.2, 150.8E, 0.2, h33km, 18km, n12,

±13/13, mb3.6, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like YUK, Yuzh-Kuril'sk, ASAJ, Asahikawa, etc.

NEIC 23 11:04:55.2.3.7, 28.53N, 142.16E, h30km, 26km, mb4.4/7,

Error ellipse: s-maj=14.3km s-min=9.2km az=87.0

IDC 23 11:04:56.3.7.7, 28.52N, 142.05E, h38km, 34km, mb3.6/10,

mb1.3/10, mb1mx3.7/21, MS3.6/1, Ms1.3/6.1,

ms1mx3.4/24, Error ellipse: s-maj=26.6km s-min=18.5km

az=77.0

ISC 23 11:04:53.3.1.1, 28.61N, 0.05, 142.1E, 0.1, h28km, 23km,

n26, ±19/128, mb4.1/17, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like CBJJ, Chichi jima, HJH, Hachijo jima, etc.

IDC 23 11:47:23.5.1.1, 4.16N, 126.70E, mb3.9/8, mb1.4/1.8,

mb1mx4.0/17, Error ellipse: s-maj=69.0km s-min=15.3km

az=67.0

NEIC 23 11:47:37.3.6.2, 4.16N, 126.83E, h123km, 63km, mb4.3/7,

Error ellipse: s-maj=26.6km s-min=12.2km az=72.0

ISC 23 11:47:33.7.1.8, 4.21N, 0.09, 126.8E, 0.2, h106km, 17km,

n19, ±0/78/19, mb4.0/13, Talau Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like GSPH, General Santos, KAKA, Kakadu, etc.

MOS 23 11:52:56.7.1.0, 4.17N, 126.52E, h33km, mb4.7/10, Error

ellipse: s-maj=28.1km s-min=12.1km az=109.1

IDC 23 11:52:58.8.2.3, 4.09N, 126.67E, h41km, 19km, mb4.1/16,

mb1.4/3/16, mb1mx4.2/20, Error ellipse: s-maj=29.2km

s-min=8.6km az=77.0

BUI 23 11:52:59.7.4.1, 10N, 126.60E, h45km, mb5.1, mb5.0, Ms4.4,

Ms2.1

NEIC 23 11:52:59.9.2.6, 4.13N, 126.64E, h46km, 26km, mb4.8/25,

Error ellipse: s-maj=17.5km s-min=6.6km az=78.0

SYO 23 11:53:01.5.4.0, 7N, 126.58E, h58km, MB4.8

ISC 23 11:53:00.7.0.9, 4.14N, 0.04, 126.59E, 0.09, h69km, 8km,

n85, ±130/97, mb4.6/41, 2C-3D, Talau Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station GSPH.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like CTBH, Cotabato-PC H, CTBH, Musuan, etc.

ISC 23 11:52:56.7.1.0, 4.17N, 126.52E, h33km, 18km, n12,

±13/13, mb3.6, Kuril Islands

IDC 23 11:04:56.3.7.7, 28.52N, 142.05E, h38km, 34km, mb3.6/10,

mb1.3/10, mb1mx3.7/21, MS3.6/1, Ms1.3/6.1,

ms1mx3.4/24, Error ellipse: s-maj=26.6km s-min=18.5km

az=77.0

ISC 23 11:04:53.3.1.1, 28.61N, 0.05, 142.1E, 0.1, h28km, 23km,

n26, ±19/128, mb4.1/17, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like KKTJ, Khon Kaen, SSES, Sheshan, etc.

IDC 23 11:47:23.5.1.1, 4.16N, 126.70E, mb3.9/8, mb1.4/1.8,

mb1mx4.0/17, Error ellipse: s-maj=69.0km s-min=15.3km

az=67.0

NEIC 23 11:47:37.3.6.2, 4.16N, 126.83E, h123km, 63km, mb4.3/7,

Error ellipse: s-maj=26.6km s-min=12.2km az=72.0

ISC 23 11:47:33.7.1.8, 4.21N, 0.09, 126.8E, 0.2, h106km, 17km,

n19, ±0/78/19, mb4.0/13, Talau Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like LZH, Lanzhou, STKA, Stephens Creek, etc.

MOS 23 11:52:56.7.1.0, 4.17N, 126.52E, h33km, mb4.7/10, Error

ellipse: s-maj=28.1km s-min=12.1km az=109.1

IDC 23 11:52:58.8.2.3, 4.09N, 126.67E, h41km, 19km, mb4.1/16,

mb1.4/3/16, mb1mx4.2/20, Error ellipse: s-maj=29.2km

s-min=8.6km az=77.0

BUI 23 11:52:59.7.4.1, 10N, 126.60E, h45km, mb5.1, mb5.0, Ms4.4,

Ms2.1

NEIC 23 11:52:59.9.2.6, 4.13N, 126.64E, h46km, 26km, mb4.8/25,

Error ellipse: s-maj=17.5km s-min=6.6km az=78.0

SYO 23 11:53:01.5.4.0, 7N, 126.58E, h58km, MB4.8

ISC 23 11:53:00.7.0.9, 4.14N, 0.04, 126.59E, 0.09, h69km, 8km,

n85, ±130/97, mb4.6/41, 2C-3D, Talau Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station GSPH.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like TIXI, comp=Z, 1.1nm, 1.2s, mb4.6, etc.

ISC 23 11:52:56.7.1.0, 4.17N, 126.52E, h33km, 18km, n12,

±13/13, mb3.6, Kuril Islands

IDC 23 11:04:56.3.7.7, 28.52N, 142.05E, h38km, 34km, mb3.6/10,

mb1.3/10, mb1mx3.7/21, MS3.6/1, Ms1.3/6.1,

ms1mx3.4/24, Error ellipse: s-maj=26.6km s-min=18.5km

az=77.0

ISC 23 11:04:53.3.1.1, 28.61N, 0.05, 142.1E, 0.1, h28km, 23km,

n26, ±19/128, mb4.1/17, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like KJKN, Kiinagashima, JKW, Kouya, etc.

MOS 23 12:14:54.1.1, 4.48N, 148.62E, h59km, mb4.4/11, Error

ellipse: s-maj=16.0km s-min=13.0km az=86.0

MOS Felt II at Kuril'sk

IDC 23 12:14:55.0.7.4, 72N, 148.35E, h49km, 6km, mb3.9/19,

mb1.4/2/21, mb1mx4.1/27, MS3.1/1, Ms1.3/1.1,

ms1mx2.6/33, Error ellipse: s-maj=17.8km s-min=12.9km

az=134.0

BUI 23 12:14:56.1, 44.90N, 148.77E, h87km, mb4.9, mb4.5,

Ms3.8, Ms2.6

JMA 23 12:14:56.1, 0.4, 44.17N, 148.30E, M5.0

SKHL 23 12:14:56.0, 1.7, 44.70N, 148.60E, h62km, 11km, mb5.3/5

NEIC 23 12:14:57.1, 1.0, 44.63N, 148.47E, h64km, 9km, mb4.5/23,

Error ellipse: s-maj=8.1km s-min=5.7km az=144.0

NEIC Felt II at Kuril'sk

ISC 23 12:14:54.2, 0.3, 44.60N, 0.04, 148.59E, 0.04, h52km,

h52km, 2.2km, pp-P, n124, ±12/143, mb4.4/46, 1C-8D,

Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like KUR, Kuril'sk, 8ujm, 0.6s, etc.

Table with columns: PKI, KKN, WRAB, WRA, WB2, DMN, SONM, GKN, KOLN, ASAR, ASPA, CTA, CTA, FORT, MKAR, NWA0, NWA0, STKA, STKA, STKA, STKA, BRVK, ZRNK, MCK, ARCES, FINES. Includes station names, coordinates, and various parameters.

IDC 23 16:02:10.8-6.2, 17.21S-174.36W, h52km, 57km, mb4.4/14, mb1.4/6.15, mb1mx4.5/19, ML4.6/1, MS3.6/3, Ms1.3/6.3, ms1mx3.1/21, Error ellipse: s-maj=33.0km s-min=14.3km az=153.0

NEIC 23 16:02:12.9-2.0, 17.26S-174.38W, h76km, 18km, mb4.7/25, Error ellipse: s-maj=11.2km s-min=5.9km az=150.0

ISC 23 16:02:09.8-3.4, 17.22S-110.174.45W/0.08, h61km, 30km, n64, c08/84/58, mb4.7/36, 8C-3D, Tonga Islands

Main table for station data under 'Islands' section, listing station names, coordinates, and parameters for various stations like MSVF, RAR, FZR, etc.

Table with columns: VNA2, VNA1, VNA1, CMAR, KMB0, MALL, CLL, BRG, BRTR, MLR, GERES. Includes station names and coordinates.

NIED 23 16:10:00, 38.50N, 141.70E, h47km, Mw3.5 Best double couple: M3.206x1014 NP1.06, delta70, lambda90. NP2.26, delta20, lambda90.

JMA 23 16:10:09.9, 1.38.54N, 141.72E, h53km, 1km, M3.5. Broadband fault plane solution: P waves, NP1.06, 72, delta25, lambda74. NP2.06, delta37, lambda97. Principal axes: T P168, Azm293, N P167, Azm187, P P162, Azm94.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like JIO, OFUJ, JMK, etc.

HEL 23 16:15:40.1-0.4, 61.84N-31.74E, ML1.9, ML2.0 (NAO), Explosion

NAO 23 16:15:41.6-5.9, 62.10N-31.53E, ML2.0

ISC 23 16:15:37.8-1.6, 61.88N-0.06, 31.8E-0.2, n11, c13/36/21, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like VJF, KAF, FIAO, etc.

NIED 23 16:33:00, 26.40N, 129.00E, h11km, Mw3.7 Best double couple: M3.93x1014 NP1.06, delta195, delta61, lambda118. NP2.06, delta62, lambda50.

NEIC 23 16:33:14.0-6.8, 26.41N-128.80E, h17km, 44km, mb4.1/2, Error ellipse: s-maj=31.7km s-min=14.3km az=69.0

JMA 23 16:33:14.0-6.8, 26.44N-128.97E, h40km, 3km, M3.7. IDC 23 16:33:16.8-1.3, 26.38N, 129.71E, h34km, 5km, mb3.3/7, mb1.3/4.7, mb1mx3.4/21, MS2.9/1, Ms1.2/9.1, ms1mx2.7/13, Error ellipse: s-maj=78.4km s-min=13.8km az=61.0

ISC 23 16:33:13.6-0.4, 26.42N-0.03, 128.99E-0.03, h35km, h35km, 2, 3km, pP-2P, n27, c08/83/38, mb3.6/6, MS2.7/1, Ryukyu Islands

Main table for station data under 'Ryukyu Islands' section, listing station names, coordinates, and parameters for various stations like JOW, JIH, etc.

Table with columns: FINES, AKASG. Includes station names and coordinates.

NEIC 23 16:35:02.7, 33.59S-71.63W, h45km, MD3.5 (GUC), After GUC

GUC 23 16:35:02.7-0.7, 33.59S-71.63W, h45km, 1km, MD3.5, ML2.9, 6C-7D, Near east coast of central Chile

Main table for station data under 'Central Chile' section, listing station names, coordinates, and parameters for various stations like LCCH, LNV, etc.

IDC 23 16:42:12.6-1.0, 8.73S-160.13E, h54km, 5km, mb3.9/12, mb1.4/1.13, mb1mx4.1/11, MS2.7/2, Ms1.2/7.2, ms1mx2.6/12, Error ellipse: s-maj=33.6km s-min=14.1km az=132.0

NEIC 23 16:42:16.9-7.3, 8.93S-160.21E, h101km, 65km, mb4.4/9, Error ellipse: s-maj=51.9km s-min=21.3km az=109.0

ISC 23 16:42:10.6-0.7, 8.85S-160.10E-2.0, h51km, h51km, 2, 0km, pP-n25, c15/06/25, mb4.3/18, MS2.8/1, Bougainville - Solomon Islands region

Main table for station data under 'Solomon Islands region' section, listing station names, coordinates, and parameters for various stations like CTA, WRAB, etc.

Table with columns: WMO, comp, SG, Smax, Pn, 1658 20.04 -5.3, 1658 01.05 -0.1, 1659 14.5

BUI 23 17:28:36.9, 31.22N, 96.38E, h27km, mb4.7, mb4.7, ML4.2, Ms4.2, Ms4.2
MOS 23 17:28:37.2, 1.0, 31.14N, 96.39E, h33km, mb4.8/20, Error ellipse: s-maj=18.7km s-min=7.5km az=119.2
NEIC 23 17:28:38.9, 1.6, 31.12N, 96.31E, h32km, 1.2km, mb4.7/37, Error ellipse: s-maj=6.3km s-min=4.9km az=192.0
IDC 23 17:28:39.2, 7.5, 31.15N, 96.48E, h31km, 5.6km, mb4.2/19, mb1.4, 3.22, mb1mx4.3/26, ML4.3/3, MS3.6/7, Ms1 3.7/7, ms1mx3.4/24, Error ellipse: s-maj=23.4km s-min=14.2km az=47.0

ISC 23 17:28:37.0, 6.31, 03.96, 29E, 0.03, h38km, 6km, n130, r103/147, mb4.6/59, MS3.9/10, 3C-1D, Xizang

Main table for 23d 18h with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, LSA, Chengdu, SHL, Shillong, Lanzhou, Kunming, etc.

Main table for 2004 SEP with columns: MKAR, Nanjing, Bishkek, Hyderabad, Sheshan, Kurchatov, Zalesovo, HIA, Novosibirsk, Changchun, etc.

Main table for 2004 SEP with columns: ARCES, ARCCESS Array B, Muntele Rosu, Muntele Rosu, Suwalki, Marble Bar, Ojcow, Piskozestko, Hagfors, Hagfors, Moravsky Berou, Dobruska-Polom, Vranov, etc.

IDC 23 18:05:39.0, 1.7, 42.70N, 104.77W, mb4.0/3, mb1 4.1/8, mb1mx3.8/24, ML3.6/5, Error ellipse: s-maj=31.8km s-min=9.9km az=153.0
NEIC 23 18:05:44.8, 0.5, 43.78N, 105.32W, ML3.3, Error ellipse: s-maj=6.2km s-min=5.1km az=106.0, Suspected Mining explosion.

NEIC 60 km (35 miles) SSE of Gillette, ISC 23 18:04:43.0, 0.5, 43.77N, 0.04, 105.34W, 0.06, n36, r1800/44, mb4.0/3, 1C, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, RSSD, LAO, Boulder Array, etc.

Table with columns: ANMO, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Lac du Bonnet, Norsar Array B, Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Dimbokro, KIC, TIC, LIC, LPAZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ, CPUP, DBIC, ULM, YKA, SONM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA, WB2, WRA, ASAR, ASPA, NVAR, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAHO, PGI, LMR, FRF, EJON, etc.

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

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

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

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

Table with columns: KEK, Kerkira, VLS, Valsamata, AGG, Agios Georgios, LIT, Litokhoron, LIT, Florina, FNA, Xorichti, etc.

GUC 23 21:33:26.6-1.0, 28.95S-71.39W, h36km, 6km, MD4.1, ML4.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VACH, Vallenar, LSCH, La Serena, etc.

IDC 23 21:34:00.9-1.9, 5.85S-130.25E, mb3.9/1, mb1 3.9/4, mb1mx3.7/12, ML3.7/3, Error ellipse: s-maj=69.5km

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

JMA 23 21:42:54.9-0.1, 24.31N-122.46E, h75km, 2km, M2.5, TAP 23 21:42:54.6, 24.07N-122.47E, h31km, ML3.2, Taiwan region

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

IDC 23 21:57:10.2-2.5, 4.39N-96.10E, mb3.5/2, mb1 3.8/3, mb1mx3.4/16, ML3.6/1, Error ellipse: s-maj=83.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, Chiang Mai Arr, WRA, Warramunga Arr, etc.

IDC 23 22:03:55.1-1.0, 30.49S-71.63W, mb4.6/3, mb1 4.4/5, mb1mx4.2/13, ML4.0/2, MS3.4/4, Ms1 3.4/4, ms1mx3.3/14

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OVCH, Ovalle, LSCH, La Serena, etc.

IDC 23 22:55.1-0.7, 30.43S-0.03/3.7, 66W-0.10, h45km, 7km, n56, r1900/48, mb4.5/8, MS3.6/3, 5C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLL, Tololo Astrono, VACH, Vallenar, etc.

NEIC 23 21:30:59.7, 39.25N-20.93E, h28km, MD3.0(ATH), After ATH

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FSR, Penalolen, CPCH, Copiapo, etc.

Table with columns: CPUP, Villa Florida, 13.26 76 Pn, P, 22 26 59.0 -3.9, etc. Includes various station names and coordinates.

MOS 23 22:28:59.0 1.2, 55.70N-112.97E, h15km, mb4.0/1, 2C-2D, Error ellipse: s-maj=38.5km s-min=25.1km az=57.1, Lake Baykal region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Lists station data for Lake Baykal region.

MOS 23 22:30:01.9 1.1, 55.62N-160.38E, h196km, mb4.1/10, Error ellipse: s-maj=20.1km s-min=9.9km az=89.1, KRSC 23 22:30:02.1 0.8, 55.52N-160.41E, h197km, mb4.4, BUI 23 22:30:02.6, 55.57N-160.15E, h214km, mb4.6, IDC 23 22:30:05.9 3.0, 55.73N-159.84E, h198km, 28km, s-maj=15.3km s-min=11.0km az=175.0, NEIC 23 22:30:05.7 0.8, 55.64N-159.91E, h200km, mb4.3/20, Error ellipse: s-maj=8.8km s-min=7.4km az=177.0, ISC 23 22:30:03.1 0.2, 55.62N-160.14E, h193km, 1km, h190km, 3.9km, pP, n106, r106/142, mb4.0/35, Kamchatka Peninsula

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Lists station data for Kamchatka Peninsula.

Main table with columns: KBTB, Krutoberegovo, 1.62 68 P, S, P, 22 30 36.8 -0.9, etc. Lists station data for Krutoberegovo and other locations.

Table with columns: AKASG, Malin Array Be, 66.47 328 P, S, P, 22 40 31.9 -1.2, etc. Lists station data for Malin Array Be and other locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Etsatf, Ste Croix, Calviac, etc.

TRN 23 23:27:37.3, 18.03N-63.98W, h5km, MD3.3
RSPPR 23 23:27:38.8, 17.94N-64.19W, h25km, 29km, MD3.4/7, MD3.4/7

NEIC 23 23:27:38.8, 17.94N-64.19W, h25km, MD3.4 (RSPPR), After RSPPR.

ISC 23 23:27:37.3-0.6, 18.11N-0.2-64.26W-0.04, h25km, n19, 0674/29, 6C-4D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saba, St. Maarten, A, Sint Eustatius, etc.

ISC 23 23:34:11.5-5.0, 5.16S-151.42E, mb3.6/3, mb1 3.9/3, mb1mx3.7/12, Error ellipse: s-maj=146.0km, s-min=32.8km az=104.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Songoing Array, etc.

MAN 23 23:35:21.5, 10.67N-124.93E, mb4.3, ML3.1, MS2.9, 1C, Leyte

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

NEIC 23 23:57:37.8, 32.70S-71.63W, h22km, ML3.2(GUC), After GUC.

GUC 23 23:57:37.8-0.7, 32.70S-71.63W, h22km, 10km, MD3.9, ML3.2

ISC 23 23:57:37.0-1.2, 32.67S-0.05-71.67W-0.06, h22km, n16, 0666/27, 2D, Near coast of central Chile

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

NEIC 24 00:07:03.8, 37.99N-118.70W, h5km, ML3.6(REN), 2C-1D, After REN., California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Old Mammoth Mi, Mina, Tungsten Hills, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Topopah Spring, Beckwourth, Little Rabbit, etc.

NEIC 24 00:26:02.3, 57.09N-154.95W, h49km, ML3.3(AEIC), After AEIC.

ISC 24 00:26:02.3-0.9, 57.86N-155.59W, h82km, 68km, mb3.4/3, mb1 3.5/5, mb1mx3.3/21, ML3.6/2, Error ellipse: s-maj=69.2km s-min=46.2km az=8.0

ISC 24 00:25:59.6-0.6, 57.08N-0.07-154.92W-0.10, h79km, 8km, n33, 0855/38, mb3.8/2, Kodiak Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cahill, Keulij, Katmai Barrier, etc.

TIR 24 00:28:00.7, 42.11N-19.26E, h48km, M12.6

THE 24 00:28:01.2, 42.22N-18.87E, h20km, ML3.6

PDG 24 00:28:01.7, 42.11N-19.27E, h20km

NEIC 24 00:28:01.7, 42.11N-19.27E, h20km, MD3.1(PDG), ML3.1(CSEM), ML2.9(ZAG), After PDG.

ISC 24 00:28:01.9, 3.412N-0.01-19.22E-0.02, h11km, 2km, n59, 913/197, 17C-5D, Northwestern Balkan Peninsula

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

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

LDG 24 01:08:56.3-0.1, 43.06N-0.65W, h11km, Md2.1/3, M1.5/1, Error ellipse: s-maj=2.1km s-min=1.1km az=18.0

STR 24 01:08:56.1-0.1, 43.07N-0.63W, h5km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 24 01:08:56.6-0.5, 43.07N-0.65W, h9km, 4km, mBLg1.2/5, Error ellipse: s-maj=1.7km s-min=1.7km az=23.0, P3XIMO

ISC 24 01:08:55.9-0.4, 43.07N-0.04-0.62W-0.03, h9km, n19, 0855/31, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arette, Montagne du Re, Etsatf, etc.

NEIC 24 01:36:50.3, 15.68N-98.58W, h16km, MD4.0(MEX), After MEX.

MEX 24 01:36:52.2-1.0, 16.11N-98.54W, h5km, 7km, MD4.0

ISC 24 01:36:46.3-1.4, 15.76N-0.08-98.47W-0.05, h5km, n16, 0817/20, 1C, Off coast of Guerrero

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

THR 24 01:42:50.9-0.5, 35.53N-52.12E, h16km, 3km, ML3.8

NEIC 24 01:42:51.6-2.5, 35.06N-52.65E, h48km, 22km, mb3.9/5, Error ellipse: s-maj=32.1km s-min=11.7km az=150.0

MOS 24 01:42:52.8-2.3, 35.46N-52.52E, h33km, mb4.1/5, Error ellipse: s-maj=18.9km s-min=11.7km az=126.6

ISC 24 01:42:54.2-4.9, 35.27N-52.40E, h44km, 65km, mb3.5/6, mb1 3.6/9, mb1mx3.5/22, ML3.3/3, MS3.5/9, Mst1 3.5/9, ms1mx3.2/26, Error ellipse: s-maj=60.9km s-min=22.8km az=170.0

ISC 24 01:42:50.3-0.5, 35.59N-0.06-52.30E-0.06, h16km, n36, 0823/33, mb3.8/10, MS3.3/8, 1D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BOYAT, Corum, Avonos, Malin Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FUNV, SOCV, SIOV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like INMG, MDD, PTEO, PALC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NEIC, GUC, SFDO, etc.

BJI 24 04:19:28.3, 27.32N-96.28E, h83km, mb4.6, Ms3.6
IDC 24 04:19:30.5, 27.70N-96.97E, h50km, mb3.6/9, mb1.3/10, mb1mx3.6/22, ML3.2/1, Error ellipse: s-maj=48.2km s-min=13.2km az=63.0

ISC 24 04:19:31.5, 0.7, 27.42N, 0.09, 96.28E, 0.06, h82km, 8km, n25, r120/29, mb3.9/11, 1C-1D, Myanmar-India border

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LKP, IMP, SHL, KMI, etc.

STR 24 04:27:21.6, 0.6, 42.87N, 1.48W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 24 04:27:22.0, 0.4, 42.87N, 1.47W, h2km, M2.4/3, M2.3/9, Error ellipse: s-maj=6.3km s-min=4.6km az=53.0

MDD 24 04:27:22.0, 0.4, 42.87N, 1.42W, h7km, 4km, mbLg1.8/7, Error ellipse: s-maj=3.5km s-min=2.3km az=32.0, PRXIMO

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Aftershock/PLICA, SJPF, EALK, etc.

TCF Toulx Ste Croi 4.33 37 ePn Pn 04 28 25.3 -1.9

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

NEIC 24 04:49:36.3, 15.65N-97.03W, h45km, MD3.8(MEX), After MEX

MEX 24 04:49:39.0, 1.1, 15.80N-96.89W, h49km, 42km, MD3.8, 1C, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HUIG, VHO, OXX, etc.

NEIC 24 04:57:30.6, 2.1, 4.94S: 144.71E, h85km, 15km, mb4.5/9, Error ellipse: s-maj=22.0km s-min=9.1km az=86.0

IDC 24 04:57:42.5, 0.5, 2.75S: 144.69E, h205km, 49km, mb3.6/7, mb1.3/9, mb1mx3.7/14, Error ellipse: s-maj=35.3km s-min=16.0km az=70.0

ISC 24 04:57:40.4, 2.3, 4.95S: 0.08-144.6E-0.2, h97km, 15km, n27, r073/25, mb4.3/14, 1C, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PIAM, KAKA, CTA, etc.

CASC 24 05:18:03.0, 2.5, 11.12N-87.60W, h36km, 99km, MD3.8, ML2.6, 2C-3D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like COPN, LEON, MIRAN, etc.

NEIC 24 05:22:15.0, 5.5, 16.75S: 25.29W, h10km, mb4.2/5, Error ellipse: s-maj=19.6km s-min=8.8km az=62.0

IDC 24 05:22:20.3, 9.1, 56.39S: 25.49W, h46km, 86km, mb3.9/5, mb1.3/9, mb1mx3.8/10, Error ellipse: s-maj=42.0km s-min=21.9km az=51.0

ISC 24 05:22:19.3, 4.0, 56.3S: 0.1x25.4W, 0.3, h52km, 38km, n17, r067/15, mb4.2/8, 4D, South Sandwich Islands region

Table with columns: Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like CLZ, MORC, KECS, KZIT, BRG, etc.

LDG 24 08:30:10.3,0.6,42.84N-1.45W,h2km,Md2.0/2,Ml2.3/1, Error ellipse: s-maj=9.8km s-min=7.3km az=64.0

STR 24 08:30:10.0,0.1,42.82N-1.46W,h5km,1km,Ml2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 24 08:30:11.2,0.4,42.88N-1.43W,h5km,10km,mbl,1.7/6, Error ellipse: s-maj=3.9km s-min=2.5km az=29.0,PRXIMO AftershockPLICA

ISC 24 08:30:09.2,0.6,42.81N-0.03,1.43W,0.05,h4km,7km,n17, c=089/30,1C,Pyrenees

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like SJPF, LARF, EALK, etc.

ISC 24 08:42:57.1,2.7,4.58N-96.24E,mb3.7/4,mb1 3.9/5, mb1mx3.7/16,Ml4.0/1, Error ellipse: s-maj=114.0km s-min=223.5km az=62.0,Northern Sumatara

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like CMAR, MKAR, WRA, ASAR, STKA, etc.

ISC 24 08:48:05.2,1.0,0.94Sx125.18E,mb3.9/3,mb1 4.1/3, mb1mx3.7/14, Error ellipse: s-maj=365.0km s-min=123.5km az=65.0,Southern Molucca Sea

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

Table with columns: WRA, ASAR, STKA, NAO, BER, HEL, ISC. Includes station names and times.

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like PVF, VJF, FIAO, etc.

WEL 24 09:02:14.4,0.3,38.09Sx176.36E,h155km,2km,Ml3.5/5, 3C-1D, Error ellipse: s-maj=3.3km s-min=2.9km az=90.0, North Island

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

LDG 24 09:14:00.9,0.2,42.93N-1.40W,h3km,Md2.3/3,Ml2.3/2, Error ellipse: s-maj=16.3km s-min=11.1km az=57.0

MDD 24 09:14:00.3,0.5,42.86N-1.39W,h3km,9km,mbl,1.6/4, Error ellipse: s-maj=4.3km s-min=2.5km az=36.0,PRXIMO AftershockPLICA

ISC 24 09:14:38.4,0.9,42.84N-0.05,1.43W,0.06,h13km,5km, n10,c=072/18,Pyrenees

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like SJPF, LARF, EALK, etc.

LDG 24 09:19:49.5,0.6,58.91Sx25.77W,mb4.3/10,mb1 4.3/10, mb1mx4.2/14,MS4.0/5,Ms1 3.9/5,ms1mx3.7/13, Error ellipse: s-maj=25.1km s-min=18.9km az=22.0

NEIC 24 09:19:50.7,4.0,58.72Sx25.51W,h6km,24km,mb4.3/8, Error ellipse: s-maj=11.0km s-min=9.0km az=51.0

ISC 24 09:19:50.3,5.8,76Sx0.07,25.6W,0.2,h10km,n42, 1508/26,mb4.3/15,MS4.0/5,3C-1D,South Sandwich Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like VNA1, VNA2, VNA3, etc.

Table with columns: TROA, QSPA, MAW, MAW, CPUP, SUR, SBA, BDFB, BDFB, BDFB, LPZA, LPZA, SAML, LSZ, DMB, ROSC, STKA, ASAR, PV10, TPNV, NLU, DUG, PDAR, HWUT, INAR, CMAR, ELK, HLD, WVR, MSO, YKA, INK, SONM, ILAR, MCK. Includes station names and times.

ISC 24 09:27:27.3,1.1,29.07Sx66.05W,mb3.5/2,mb1 3.9/3, mb1mx3.8/12,Ml4.2/1,MS2.8/2,Ms1 2.9/2,ms1mx2.7/16, Error ellipse: s-maj=63.4km s-min=26.1km az=159.0

NEIC 24 09:27:36.4,3.4,28.83Sx65.72W,h54km,30km,mb4.5/3, Error ellipse: s-maj=41.1km s-min=17.1km az=107.0

ISC 24 09:27:29.7,0.9,28.85Sx66.0W,0.2,h10km,n13, c=048/10,mb4.1/4,Santiago del Estero Province

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like CPUP, CPUP, CPUP, CPUP, TRQA, LPZA, BDFB, SNAAS, QSPA, WVT, PDAR, ASAR, WRA, ZAL, MKAR, etc.

NAO 24 09:59:30.5,1.8,64.75Nx30.29E,Ml2.4 HEL 24 09:59:30.6,0.2,64.74N-30.59E,Ml2.2,Ml2.4(NAO), BER 24 09:59:30.2,4.9,64.67N-30.65E,Ml2.4(NAO), Suspected explosion

ISC 24 09:59:31.7,1.7,64.68N-30.64E,mb1 3.4/4, mb1mx3.2/19,Ml2.9/4, Error ellipse: s-maj=20.7km s-min=8.3km az=105.0

ISC 24 09:59:29.6,0.8,64.80N-0.03,30.3E,n1,0.2,n120,c194/137, Finland-Karelia border region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase, ID, h, m, s, ISC. Includes stations like MSF, MSF, KJN, KJN, OUL, OUL, SMI, SMI, VNA1, VNA2, VNA3, etc.

Table with columns for station name, time, and various codes. Includes stations like FINESS Array B, EYMN Ely, SNAA Sanae, etc.

Table with columns for station name, time, and various codes. Includes stations like TPVU Topopah Spring, PFO Pinyon Flat Ob, MAW Mawson, etc.

Table with columns for station name, time, and various codes. Includes stations like HHC, HHC, KMI, KMI, KMI, etc.

NEIC 24 11:11:18.5, 34.15S:70.05W, h6km, ML2.5(GUC), After GUC 24 11:11:18.5-0.7, 34.15S:70.05W, h6km, ML2.5, 1C-1D, Chile-Argentina border region

Table with columns: PDAR, YKA, NVAR, NVAR, ASAR. Includes station names, coordinates, and times.

BJI 24 12:40:13.8, 23.18N, 122.00E, h35km, ML3.9
TAP 24 12:40:17.9, 23.17N, 121.48E, h20km, 1km, ML4.1
TAP Fell III at Chengung, II J at Hungye.

JMA 24 12:40:22.3, 0.4, 23.21N, 121.51E, h93km, M2.9
NEIC 24 12:40:22.0, 0.8, 23.17N, 121.68E, h35km, Error ellipse: s-maj=18.1km s-min=14.2km az=83.0

ISC 24 12:40:18.8, 0.3, 23.19N, 0.02, 121.42E, 0.02, h20km, n64, s1505/109, mb3.4/6, 16C, Taiwan

Main table listing station names, coordinates, and times for various stations like CHKT, TWFI, EHY, etc.

MAN 24 13:00:46.4, 10.22N, 121.95E, h1km, mb4.1, ML2.9, MS2.7, ID, Panay
Table listing station names, coordinates, and times for stations in the Panay region.

ENPP El Nido 2.67 292 eP Pn 13 01 32.0 +0.8
PAGZ Pagadian 2.75 149 eP Pn 13 01 32.8 +0.4

TAP 24 13:12:33.2, 24.12N, 122.32E, h32km, ML4.1
JMA 24 13:12:33.9, 0.2, 24.34N, 122.31E, h66km, 2km, M3.2

ISC 24 13:12:33.5, 1.9, 24.40N, 0.1, 122.3E, 0.1, h63km, 16km, n9, s045/16, Taiwan region

Table listing station names, coordinates, and times for stations like YOJ, YOF, IRIF, etc.

ISC 24 13:19:02.1, 2.0, 6.12S, 151.69E, mb3.8/4, mb1 4.1/4, mb1mx3.8/13, Error ellipse: s-maj=119.0km s-min=25.8km az=131.0, New Britain region

Table listing station names, coordinates, and times for stations like WRA, ASAR, FITZ, etc.

STR 24 13:32:42.3, 0.1, 43.05N, 0.61W, h5km, 1km, M2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
MDD 24 13:32:42.9, 0.3, 43.07N, 0.61W, mb1.7/2, Error ellipse: s-maj=4.1km s-min=1.7km az=16.0, PRXIMO

ISC 24 13:32:42.4, 0.5, 43.08N, 0.04, 0.61W, 0.03, h3km, 8km, n20, s056/33, Pyrenees

Main table listing station names, coordinates, and times for stations like ATE, REYF, FDF, etc.

KRSC 24 13:36:13.5, 0.6, 53.96N, 161.45E, h18km, 4km, ML3.9
ISC 24 13:36:12.7, 0.8, 53.95N, 0.03, 161.4E, 0.1, h7km, 7km, n25, s079/50, Off east coast of Kamchatka Peninsula

Main table listing station names, coordinates, and times for stations like MKZ, KIL, KIL, etc.

APC Apache 2.74 250 eP Pn 13 36 59.4 +1.6
APC 13 37 33.1 +1.6
Table listing station names, coordinates, and times for stations in the Apache region.

ML2.2(NAO), Explosion
IDC 24 13:38:59.0, 2.4, 67.72N, 33.76E, mb1 3.6/4, mb1mx3.3/20, ML3.0/4, Error ellipse: s-maj=23.5km s-min=9.8km az=78.0

ISC 24 13:38:56.5, 1.4, 67.66N, 0.04, 33.7E, 0.2, n17, s1557/36, Baltic States - Belarus - Northwestern Russia

Main table listing station names, coordinates, and times for stations like APA, APB, APD, etc.

NEIC 24 13:57:30.2, 40.34S, 174.33E, h100km, ML4.0(WEL), After WEL
WEL 24 13:57:30.9, 0.2, 40.34S, 174.35E, h89km, 2km, ML4.0, 8C-9D, Error ellipse: s-maj=1.0km s-min=0.5km az=90.0, Cook Strait

Main table listing station names, coordinates, and times for stations like KIW, WAZ, WAZ, etc.

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

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

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

ISC 24 14:33:31.2, 4.7, 23.73N-93.45E, h1km, 4.1km, mb3.6/5, mb1 3.8/6, mb1mx3.5/1.9, Error ellipse: s-maj=78.1km s-min=16.9km az=66.0

NEIC 24 14:33:32.5, 0.9, 23.76N-93.59E, h90km, 14km, mb3.6/1, Error ellipse: s-maj=23.8km s-min=7.3km az=45.0

ISC 24 14:33:40.1, 2.2, 23.8N-101.93E, 0.1, h87km, 15km, n13, a1502/16, mb3.7/6, Myanmar-India border region

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

NEIC 24 14:33:41.1, 0.1, 6.53S-130.37E, mb4.1/5, mb1 4.3/8, mb1mx4.2/13, ML4.4/13, Error ellipse: s-maj=52.4km s-min=17.6km az=65.0

NEIC 24 14:34:16.2, 0.6, 6.62S-130.21E, h35km, mb4.0/3, Error ellipse: s-maj=24.6km s-min=7.4km az=70.0

ISC 24 14:34:24.8, 2.0, 7.15S-109.129E, 0.2, h140km, 19km, n16, a1542/23, mb3.9/7, 1C, Banda Sea

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

ISC 24 14:34:11.0, 1.1, 4.0, 1.28, 82N-112.99W, h12km, MW5.9/76, Centroid moment tensor solution. LP body waves: s70, c142, mantle waves: s76, c171; Half duration: 2s

ISC 24 14:34:11.0, 1.1, 4.0, 1.28, 82N-112.99W, h10km, mb5.7/27, MS6.0/17, Error ellipse: s-maj=7.1km s-min=3.8km az=92.8

ISC 24 14:34:11.0, 1.1, 4.0, 1.28, 82N-112.99W, h10km, mb5.9/65.3, MS5.9, MSz5.7

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

MAN 24 14:38:46.0, 11.00N-124.80E, h1km, mb4.1, ML2.9, MS2.7, Leyte

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

ISC 24 14:34:09.5, 0.8, 28.59N-112.81W, h35km, 10km, mb5.5/12, h23km, 2.4km, pp-P, n523, a1816/439, mb5.4/121, MS5.7/122, 17C-11D, Gulf of California

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

ISC 24 14:34:09.5, 0.8, 28.59N-112.81W, h35km, 10km, mb5.5/12, h23km, 2.4km, pp-P, n523, a1816/439, mb5.4/121, MS5.7/122, 17C-11D, Gulf of California

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like NORSAR Array B, Kongsberg, Asahikawa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Esparrros, Haudompre, Lublich, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VYHS Vyhne, Obninsk, Piszkesteto, etc.

24d 23h

IDC 24 22:21:58.3.3.9, 7.47S, 128.14E, h94km, 37km, mb3.9/7, mb1.4/1.0, mb1mx4.0/1.4, Error ellipse: s-maj=35.0km s-min=15.4km az=59.0

ISC 24 22:21:57.0.4.7, 5.66S, 0.06:127.98E:0.10, h100km, n31, s106/38, mb4.4/17, 2D, Banda Sea

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

IDC 24 22:40:39.4:10.0, 7.54S, 129.55E, h123km, 86km, mb3.2/1, mb1.3/3.4, mb1mx3.1/12, ML3.3/3, Error ellipse: s-maj=73.3km s-min=52.8km az=9.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 24 22:40:39.4 event.

NEIC 24 22:55:32.9, 37.15N, 3.49E, MG3.6(MDD), After MDD. MDD 24 22:55:31.1, 1.7, 36.93N, 3.54E, h3km, 18km, mb3.8/8, Error ellipse: s-maj=16.6km s-min=6.9km az=27.0, PRXIMO, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the NEIC 24 22:55:32.9 event.

MDD 24 22:55:42.8:0.4, 42.85N, 1.39W, h9km, 6km, mblg1.5/6, Error ellipse: s-maj=4.2km s-min=2.5km az=33.0, PRXIMO Aftershock/PLICA

LDG 24 22:55:44.8:0.5, 42.98N, 1.31W, h9km, 1km, mblg2.2/1, M2.0/4, Error ellipse: s-maj=7.9km s-min=3.9km az=40.0

ISC 24 22:55:40.4:0.6, 42.83N, 0.03:1.45W:0.05, h11km, 6km, n17, s106/27, Pyrenees

2004 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2004 SEP period.

BJI 24 22:57:18.8, 40.49N, 77.65E, h13km, ML3.4, NNC 24 22:57:23.0:6.0, 40.56N, 78.17E, h34km, 2km, mpv3.4, Error ellipse: s-maj=4.2km s-min=1.2km az=146.0

ISC 24 22:57:18.4:3.2, 40.30N, 0.09:78.1E:0.1, h28km, 31km, n13, s143/16, 4C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the BJI 24 22:57:18.8 event.

NEIC 24 23:05:18.3, 19.31N, 102.65W, h75km, MD3.6(MEX), After MEX. MEX 24 23:05:18.3:1.3, 19.35N, 102.65W, h72km, 54km, MD3.6, Michoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the NEIC 24 23:05:18.3 event.

HEL 24 23:20:16.4:0.3, 67.81N, 19.96E, ML1.9, ML1.9(BER), Explosion BER 24 23:20:18.0:4.3, 67.84N, 20.22E, ML1.8, Suspected explosion

ISC 24 23:20:13.6:0.6, 67.75N, 0.04:19.76E:0.09, n14, s199/20, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the HEL 24 23:20:16.4 event.

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IDC 24 23:31:30.1:1.2, 95.90N, 141.70E, mb3.8/4, mb1.4/0.4, mb1mx3.6/19, MS5.0/1, Ms1.5/0.1, ms1mx3.1/23, Error ellipse: s-maj=70.5km s-min=17.2km az=103.0

ISC 24 23:31:29.6:0.6, 25.8N, 0.1:141.6E:0.4, h5km, 38km, n7, s032/7, mb3.9/4, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 24 23:31:30.1 event.

IDC 24 23:39:28.2:1.0, 31.18N, 138.54E, h388km, 24km, mb2.8/8, mb1.3/3.9, mb1mx3.1/21, Error ellipse: s-maj=71.3km s-min=13.1km az=75.0

JMA 24 23:39:29.4:0.3, 31.42N, 138.87E, h406km, M3.1, ISC 24 23:39:27.7:0.6, 31.26N, 0.08:138.9E:0.2, h408km, n23, s098/27, mb3.3/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 24 23:39:28.2 event.

IDC 24 23:42:55.3:8.7, 10.98S, 124.31E, h143km, 102km, mb3.5/2, mb1.3/2.5, mb1mx3.1/21, Error ellipse: s-maj=84.3km s-min=15.1km az=33.0

ISC 24 23:42:56.3:2.3, 11.0S, 0.1:124.5E:0.1, h175km, 27km, n7, s102/12, mb3.6/2, South of Timor

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 24 23:42:55.3 event.

NIED 24 23:51:00.32, 90N, 136.70E, h8km, Mw4.0, Best double couple: M0.126x10^15 Np1.9e5, 889, 1.24, NP2e9.7, 634, 1.2

JMA 24 23:51:06.8:0.1, 32.90N, 136.71E, h36km, M3.5, NEIC 24 23:51:16.4:1.2, 33.31N, 137.87E, h125km, 13km, Error ellipse: s-maj=19.0km s-min=15.1km az=120.0

IDC 24 23:51:19.3:1.3, 33.23N, 137.61E, h145km, 19km, mb3.2/4, mb1.3/4.5, mb1mx3.2/21, MS3.3/2, Ms1.3/3.2, ms1mx2.8/21, Error ellipse: s-maj=32.4km s-min=17.3km az=35.0

ISC 24 23:51:07.8:0.7, 32.94N, 0.04:136.73E:0.04, h33km, n23, s072/33, mb3.5/4, MS3.5/1, 4C, Southeast of Shikoku

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 24 23:51:00.32 event.

25d 2h

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like MAW, ZAHRAJ, DUNS, GNI, etc.

2004 SEP

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like GERES, HLUJ, MCMT, ELK, etc.

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Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like LABF, LABS, LABP, LABQ, etc.

25d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALC Alcouthim, EMIN Minis Concepcio, PBEJ Beja, PTEO Sao Teotonia, EBAD Badajoz, EMOE Adamuz, PTOM Tomar.

MAN 25 09:21:48.5, 10.22N-126.01E, h18km, mb4.2, ML3.0, MS2.8, 3D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCPH Surigao, IRPLP Maasin, BUTP Butuan, PLP Palo, BESP Borongan, EBSF Tagbilaran, CGP Cagayan de Oro, CNP Catarman, RCP Roxas, PAGZ Pagadian, PVCP Virac.

NEIC 25 09:32:56.7, 16.75N-100.39W, h14km, MD3.8(MEX), After MEX.

MEX 25 09:32:57.2, 0.6, 16.85N-100.39W, h12km, 9km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACX Acapulco, ZIIG Zihuatanejo, PLIG Platanillo, PNIG Pinotepa, YAIY Yautepec, UNM Universidad Na, PPM Popocatepetl, PBVM Pinon, MOIG Morelia, MOIG Morelia, VHO Vista Hermosa, OXX Oaxaca, IISM Ciudad Serdan, SFJM Santa Fe.

LGD 25 09:57:33.1, 1.42, 90N-1.45W, h2km, Mdl 6/2, M11 6/1, Error ellipse: s-maj=20.3km s-min=10.6km az=50.0

MDD 25 09:57:32.7, 0.8, 42.83N-1.2km, mL0.8/2, Error ellipse: s-maj=6.0km s-min=3.2km az=50.0, PRXIMO Aftershock PLICA, Pyrenees

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJFF Ste Jean, EALK Alkurrunztz, ETSF Etsaut, EPF Esparros, ETOR Torete, EMOE Adamuz.

IDC 25 10:45:10.8, 2.0, 24.94N-123.21E, mb3.5/4, mb1 3.6/4, mb1 mx3.5/17, Error ellipse: s-maj=155.0km s-min=21.6km az=65.0

JAP 25 10:45:11.7, 2.0, 24.91N-122.96E, h6km, M2.4

ISC 25 10:45:12.9, 1.8, 24.8N-0.1, 122.95E, 0.10, h24km, 13km, n8, 06/10, mb3.4/4, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, JKRS Kuro-shima, JIJ Ishigaki jima, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

KISR 25 10:48:51.2, 0.9, 33.46N-49.42E, h33km, ML3.2

THR 25 10:48:52.0, 0.7, 33.02N-49.89E, h14km, 12km, ML3.3

ISC 25 10:48:52.6, 0.3, 33.11N-0.03, 49.69E, 0.10, h10km, n9, 07/10, Western Iraz

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

2004 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNGE Sanandaj, MIB Mutribah, UMR Umm Al-Rimmam, RST RST, KBD Kbd, RDF Al-Radifath, QRN Al-Qurain, GRMI Germi.

IDC 25 11:05:21.0, 15.0, 11.74N-140.00E, h260km, 153km, mb3.3/7, mb1 3.5/7, mb1 mx3.4/15, Error ellipse: s-maj=79.5km s-min=20.9km az=71.0, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, YKA Yellowknife Ar, ARCES ACESS Array B, FINES FINES Array B.

NEIC 25 11:14:10.8, 35.60N-22.66E, h4km, ML3.9(ATH), After ATH.

THE 25 11:14:14.6, 35.41N-22.67E, h20km

IDC 25 11:14:14.9, 3.2, 36.13N-22.97E, mb3.9/6, mb1 3.9/8, mb1 mx3.7/20, ML3.7/2, Error ellipse: s-maj=75.6km s-min=12.2km az=39.0

ATH 25 11:14:15.1, 35.84N-22.86E, h20km, 2km, MD3.7/16, ML3.7

ISC 25 11:14:13.1, 1.1, 35.70N-0.07, 22.75E, 0.06, h6km, 9km, n50, 01935/56, mb3.8/6, 2C, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KYTH Kithira, VLI Velia, VAM Vamos, GVD VAMOS, ITM Ithomi, IDI Anoyia, NAIG Nisos Agina, THRS Thira Island, THRE Thira Island, THRA Thira Island, THRA Thira Island, NSAL Nisos Salamina, SANTI Santorini, THRT Thira Island, NPS Neapolis, ATH Athens Observa, APE Athens Observa, PTH Penteli, MKIT Kithairon Oros, MPAR Parnis Oros, KARP Karpachos, XOR Xorichos, SMG Samos, JAN Janina, MEV Metsovion, IGT Igoumenitsa, LGT Litokhoron, KEK Kerkira, KKK Kerkira, FNA Florina, BRTR Keskin Array B, GERES GERES Array B, HFS Hagfros, FINES FINES Array B, NOA NORSAR Array B, EKA Eskdalemuir Ar, ARCES ARCES Array B, MKAR Makanchi Array.

NEIC 25 12:04:20.7, 34.75S-71.77W, h38km, MD4.0(GUC), After GUC.

GUC 25 12:04:20.7, 0.7, 34.75S-71.77W, h38km, 2km, MD4.0, ML3.7, 8C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFDO San Fernando, TALC Talca, LNV Longovio, CACH El Canelo, CACH CACH, CICH Cipreses, CHCH Chadas Angostu, LCHH Las Cruces, TACH Talagante, RCDM Rincondada Maip, ANTU Antupmapu, ANTU Antupmapu, PCH Pirque, LMEL Las Melosas, LMEL LMEL, FSR Penalolen, DSCH Colegio Aleman, DSCH DSCH, CLCH Cerro Canal, CLCH CLCH, FCH Farellones, JACH Jahuel.

OTT 25 11:49:10.9, 1.2, 72.98N-77.25W, h18km, MN2.3/2, 1C, Baffin Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PINU Pond Inlet, IGL Igloolik, TULEG Thule, RES Resolute Bay, QILN Qiln, EUNU Eureka, YRTN Rankin Inlet.

NEIC 25 11:51:38.0, 1.0, 14.84S-71.71W, h124km, 10km, mb4.5/3,

614

Error ellipse: s-maj=22.0km s-min=13.8km az=212.0

IDC 25 11:51:44.4, 4.6, 15.13S-71.37W, h172km, 34km, mb3.9/3, mb1 3.7/5, mb1 mx3.4/15, Error ellipse: s-maj=47.3km s-min=27.7km az=122.0

ISC 25 11:51:37.3, 1.1, 14.9S-0.1, 71.78W, 0.09, h135km, 11km, n13, 01909/13, mb4.1/4, 1D, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, LPAZ LPAZ, NNA Nana, LVC Limon Verde, CPUP Villa Florida, BDFB Brasilia, PLCA Paso Flores, DBIC Dibikro, QSPA South Pole Qui, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songino Array.

CASC 25 11:58:07.3, 0.9, 11.31N-88.03W, h35km, 13km, MD4.2, Error ellipse: s-maj=33.0km s-min=19.9km az=122.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XAVN Gruta Xavier, TACN Ticuantepe, MGAN Managua, CNCH Conchagua, WILN Americas 2, VSM San Miguel, BLLM Bellmaria, PYTN Playitas, CONN Concepcion, SNVI San Vicente, CAHU Cacahuatique, LABU La Ceiba, SOMN Somoto, LFRS El Faro, LFRS El Faro, LBRS Las Brisas, VCR Vista de Mar, LFU La Fuente, BOQU Boqueron, SBLB San Blas, SNJE San Jose, RTR El Retiro, JICAR Jicaral, MTOZ Montecristo 2, CGAZ Cerro Gallo 2, PRA1 Puriscal, LAJ Bijagual, ESCUE Escuela Geolog, LCR2 La Lucha 2, TRTC Tortugero, URSC Urusca, BUS Buena Vista, ACR Cerro Adams.

NEIC 25 12:06:33.9, 3.2, 31.23S-178.70W, mb3.7/2, mb1 4.0/3, mb1 mx3.8/11, ML3.8/1, Error ellipse: s-maj=69.2km s-min=36.3km az=105.0

NEIC 25 12:06:38.0, 4.0, 31.33S-178.59W, h34km, 37km, Error ellipse: s-maj=47.5km s-min=12.9km az=115.0

ISC 25 12:06:33.2, 2.8, 31.65S-0.1, 177.5W, 0.6, h79km, 23km, n11, 05/66/12, mb3.5/2, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFDO San Fernando, TALC Talca, LNV Longovio, CACH El Canelo, CACH CACH, CICH Cipreses, CHCH Chadas Angostu, LCHH Las Cruces, TACH Talagante, RCDM Rincondada Maip, ANTU Antupmapu, ANTU Antupmapu, PCH Pirque, LMEL Las Melosas, LMEL LMEL, FSR Penalolen, DSCH Colegio Aleman, DSCH DSCH, CLCH Cerro Canal, CLCH CLCH, FCH Farellones, JACH Jahuel.

IDC 25 12:06:33.9, 3.2, 31.23S-178.70W, mb3.7/2, mb1 4.0/3, mb1 mx3.8/11, ML3.8/1, Error ellipse: s-maj=69.2km s-min=36.3km az=105.0

NEIC 25 12:06:38.0, 4.0, 31.33S-178.59W, h34km, 37km, Error ellipse: s-maj=47.5km s-min=12.9km az=115.0

ISC 25 12:06:33.2, 2.8, 31.65S-0.1, 177.5W, 0.6, h79km, 23km, n11, 05/66/12, mb3.5/2, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, PUZ Puketiti.

BJI	comp=E,162nm,14.4s	LR	LR		
BJI	comp=Z,287nm,29.0s				
BJI	Beijing 48.12 8 eP	S	P	16 12 47.2 -1.5	
BJI	comp=Z,10.0nm,0.6s,mb4.8	S	LR	16 19 40.6 +0.5	
MAJO	comp=Z,290nm,29.0s				
MAJO	Matsushiro 52.34 31 eP	P	P	16 13 21.9 +1.1	
CN2	comp=Z,2.3nm,1.3s,mb5.0				
CN2	Changchun 53.66 16 eP	P	P	16 13 29.8 -0.7	
CN2	comp=Z,10.0nm,0.6s,mb5.0	AMB	AMB		
CN2	comp=Z,200nm,5.0s	AMB	AMB		
CN2	comp=N,200nm,15.0s	LR	LR		
CN2	comp=E,200nm,15.0s	LR	LR		
CN2	comp=Z,200nm,18.0s	LR	LR		
SONM	comp=Z,2.0nm,1.8s,mb5.3	P	P	16 13 42.6 -0.2	
SONM	Songino Array 55.35 359 P	P	P	16 14 42.0 -0.1	
SONM	comp=Z,3.2nm,0.6s,mb4.5,baz=176,slow=7.6,SNR=16	PcP	PcP		
MDJ	comp=Z,1.1nm,0.5s,baz=175,slow=3.6,SNR=15	P	P	16 13 43.5 -1.2	
MDJ	Mudanjiang 55.61 19 P	P	P	16 14 03.9 -0.7	
CASY	Casey 58.48 179 eP	P	P	16 14 03.9 -0.7	
CASY	comp=Z,8.7nm,0.9s,mb4.7				
AAK	Ala-Archa 58.73 331 d i P	P	P	16 14 20.2 -5.1	
AAK	comp=Z,5.0nm,1.3s,mb4.4	MLR	MLR	16 14 05.6 -1.1	
AAK	comp=Z,100nm,20.0s				
AAK	Ala-Archa 58.73 331 eP	P	P	16 14 04.0 -2.7	
MKAR	Makanchi Array 58.94 340 P	P	P	16 14 05.8 -2.3	
MKAR	comp=Z,13nm,0.6s,mb5.2,baz=151,slow=6.5,SNR=102	LR	LR	16 42 20.0	
MKAR	comp=Z,1.16nm,19.4s,baz=143,slow=39	LR	LR	16 14 05.8 -2.3	
MKAR	Makanchi Array 58.94 340 P	P	P	16 14 05.8 -2.3	
MKAR	comp=Z,13nm,0.6s	MLR	MLR	16 14 05.8 -2.3	
MIR	Mirny 59.63 1871 eP	P	P	16 14 13.0 +0.4	
MIR	comp=Z,2.0nm,1.0s,mb5.1	P	P	16 14 13.8 -4.3	
KLR	Kul'dur 60.40 18 eP	P	P	16 14 33.4 +0.8	
YSS	Yuzh-Sakhalins 62.56 26 eP	P	P	16 14 31.3 -1.4	
YSS	comp=Z,1.4nm,1.0s,mb4.8				
KURK	Kurchatov 63.55 340 d i P	P	P	16 14 38.1 -1.1	
KURK	comp=Z,1.6nm,0.8s,mb5.0				
KURK	Kurchatov 63.55 340 d i P	P	P	16 14 37.6 -1.5	
ZAL	Zalesovo 64.50 345 P	P	P	16 14 44.3 -0.9	
ZAL	comp=Z,2.3nm,0.3s,mb4.5,baz=256,slow=5.8,SNR=7.7				
ZAL	Zalesovo 64.50 345 P	P	P	16 14 44.3 -1.0	
MAW	Mawson 66.98 197 P	P	P	16 15 00.5 -0.4	
MAW	comp=Z,7.4nm,0.6s,mb4.7,baz=189,slow=6.5,SNR=29	LR	LR	16 40 23.5	
MAW	comp=Z,6.1nm,18.4s,baz=189,slow=32	LR	LR	16 15 00.5 -0.3	
MAW	Mawson 66.98 197 P	P	P	16 15 00.5 -0.3	
MAW	comp=Z,7.0nm,0.6s	MLR	MLR	16 15 00.5 -0.3	
QRN	Al-Qurain 68.34 305 eP	P	P	16 15 09.3 -0.6	
KAMS	Al-Khamsin 68.34 295 P	P	P	16 15 09.1 -1.0	
SVAD	Sorovyev Array 68.46 337 P	P	P	16 15 08.8 -1.9	
BRVK	Borovyev 68.52 337 eP	P	P	16 15 08.8 -1.9	
KBD	Kabd 68.68 305 eP	P	P	16 15 10.7 -1.4	
RDF	Al-Radifah 68.70 305 eP	P	P	16 15 11.4 -0.9	
RDF	comp=Z,34nm,0.7s,mb5.3	AMB	AMB	16 15 14.8	
RST	Umm Al-Ruweisah 69.37 305 eP	P	P	16 15 14.5 -1.8	
RST	comp=Z,54nm,0.5s,mb5.6	AMB	AMB	16 15 16.9	
KMBO	Kilima Mbogo 70.84 271 eP	P	P	16 15 27.0 +0.5	
BLJS	Balijurashi 70.90 294 P	P	P	16 15 27.1 +1.3	
ARSS	Ar Rass 71.24 301 P	P	P	16 15 26.9 -0.8	
YAK	Yakutsk 71.55 11 eP	P	P	16 15 29.0 +0.1	
YAK	comp=Z,9.0nm,0.9s,mb4.6	MLR	MLR	16 15 29.0 +0.1	
YAK	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 15 29.0 +0.1	
YAK	comp=N,5.0nm,1.2s	MLR	MLR	16 15 25.7 -3.2	
YAK	Yakutsk 71.55 11 eP	P	P	16 15 25.7 -3.2	
HLS	comp=N,21nm,0.7s,mb5.1	P	P	16 15 37.7 -0.1	
PET	Hal'Il 72.94 302 P	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P	P	P	16 15 37.7 -0.1	
PET	comp=N,21nm,0.7s,mb5.1	P	P	16 15 43.8 -1.1	
PET	Petropavlovsk 74.12 29 eP	S	S	16 25 13.1 +3.9	
PET	comp=Z,45nm,17.8s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=E,68nm,26.5s	MLR	MLR	16 25 13.1 +3.9	
PET	comp=Z,11nm,0.9s,mb4.7	MLR	MLR	16 25 13.1 +3.9	
PET	comp=N,5.0nm,1.2s	MLR	MLR	16 25 13.1 +3.9	
PET	Hal'Il 72.94 302 P</				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSU Marysvalde, PVO1 Paradox Valley, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WBA Warramunga Arr, ASAR Alice Springs, etc.

PRE 25 17:49:51.7, 0.8, 26.235:28.24E, h2km, ML3.8, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Silverton, KSR Koster, NWL Newcastle, etc.

GUC 25 18:47:59.8, 0.7, 27.455:70.83W, h53km, 10km, MD3.6, ML3.4, 3C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPCH Copiapo, VACH Vallenar, TLL Tololo Astron, etc.

NEIC 25 18:37:36.2, 2.6, 20.97S:177.29W, h368km, 27km, mb4.3/20, Error ellipse: s-maj=16.2km s-min=11.8km az=177.0

NEIC 25 18:57:37.8, 2.1, 21.12S:177.23W, h384km, 23km, mb3.6/12, mb1 3.8/13, mb1mx3.8/17, Error ellipse: s-maj=23.7km s-min=10.3km az=151.0

NEIC 25 18:57:38.6, 2.0, 65S:177.44W, h384km, MB4.2, SYO 25 18:57:32.5, 1.1, 20.87S:100.87W, h339km, 10km, n60, a1906/50, mb4.1/28, 5C-1D, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

IDC 25 17:25:29.33, 0.8, 54S:163.01E, mb3.8/4, mb1 4.0/4, mb1mx3.8/13, Error ellipse: s-maj=576.0km s-min=83.1km az=58.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 25 17:22:45.2, 3.1, 19S:134.51E, mb3.4/2, mb1 3.6/3, mb1mx3.4/12, ML3.0/1, Error ellipse: s-maj=144.0km s-min=31.0km az=99.0, Irian Jaya region

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

IDC 25 17:22:14.8, 2.0, 21.93N:144.29E, mb3.8/6, mb1 3.9/6, mb1mx3.7/20, Error ellipse: s-maj=110.0km s-min=21.4km az=83.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like INK Inuvik, MKAR Makanchi Array, BVAR Boroye Array, etc.

NEIC 25 19:00:57.7, 62.68N:143.45W, h6km, ML3.6(AEIC), After AEIC

NEIC 25 19:00:59.7, 62.68N:143.13W, h10km, ML4.0/2, Eastern Alaska, Central Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TMW Tok Microwave, BC3A Beaver Creek A, WANC Wrangell North, etc.

SLKM Skliak Lake, WHY Whitehorse

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPU Mount Spurr, BRBK Bradley Lake, BM3 Burnt Mountain, etc.

ISK 25 19:04:11.6, 38.54N:26.38E, h21km, MD3.2, ATH 25 19:04:12.6, 38.69N:26.25E, h35km, MD3.3/3, ISC 25 19:04:11.4, 1.2, 38.61N:0.03, 26.37E, h9km, 10km, n27, a089/35, 4C, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PRK Paraskevi, IZM Izmir, KDAG Bornova, etc.

IDC 25 19:11:05.8, 2.5, 25.63N:143.39E, mb3.7/4, mb1 3.8/4, mb1mx3.5/20, Error ellipse: s-maj=101.0km s-min=19.1km az=73.0

ISC 25 19:11:05.2, 6.1, 25.6N:0.2, 143.7E, 0.4, h14km, 39km, n6, a1955/77, mb3.7/4, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBUJ Chichi Jima, WBA Warramunga Arr, WRA Warramunga Arr, etc.

Table of astronomical observations for 25d 21h, listing station names, signal strength, and other parameters.

Table of astronomical observations for 2004 SEP, listing station names, time, and other parameters.

Table of astronomical observations for 620, listing station names, time, and other parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WB2 Port Moresby, ASAR Alice Springs, etc.

NEIC 25 21:36:25.6:2.8, 23.51Sx179.97E, h530km, 29km, mb4.2/10, Error ellipse: s-maj=27.6km s-min=13.5km

IDC 25 21:36:27.4:3.5, 23.81Sx179.76E, h526km, 25km, mb3.1/6, mb1 3.9/7, mb1mx3.2/12, Error ellipse: s-maj=44.5km s-min=25.3km az=46.0

ISC 25 21:36:29.2:2.5, 23.73S, 0.1x179.7E:0.2, h580km, 30km, n21, n093/20, mb4.0/15, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, CTCTA Charters Tower, MAJOW Mawson, etc.

IDC 25 21:48:48.2:4.1, 16.04Sx177.07W, mb4.0/5, mb1 4.2/5, mb1mx4.1/11, MSC3.7/5, MS1 3.8/5, mb1mx3.8/13, Error ellipse: s-maj=130km s-min=24.6km az=143.0

ISC 25 21:48:48.6:2.0, 16.0S, 0.7x177.2W:0.5, h33km, n12, n0114/5, mb4.0/5, MS3.8/4, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAR Rarotonga, STKA Stephens Creek, WRA Warramunga Arr, etc.

CASC 25 21:55:29.7:2.2, 12.55N-88.05W, h52km, 45km, MD4.1, ML3.9, 6C-2D, Off coast of Central America

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CNCH Conchagua, YSM San Miguel, BLML Bellamira, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LAJ Bijagal, LCR La Lucha 2, ICR Volcan Irazu, etc.

GUC 25 22:06:30.1:0.8, 27.47Sx71.11W, h33km, 6km, MD4.5, ML4.6, 5C, Near coast of northern Chile

IDC 25 22:27:47.8:0.6, 15.58N-95.61W, h20km, 66km, MD3.7, Near coast of Oaxaca

IDC 25 22:33:10.3:4.0, 15.38Sx175.00W, mb4.6/3, mb1 4.7/3, mb1mx4.1/11, Error ellipse: s-maj=305.0km s-min=33.8km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMCH Combarbala, HUG Huatulco, CMIG Matias Romero, etc.

IDC 25 22:45:03.2:2.5, 24.36Sx179.82W, h485km, 23km, mb3.3/7, mb1 3.4/8, mb1mx3.3/13, Error ellipse: s-maj=30.3km s-min=19.6km az=89.0

NEIC 25 22:45:05.2:3.4, 24.36S, 179.83W, h513km, 34km, mb3.9/7, Error ellipse: s-maj=38.2km s-min=15.0km az=222.0

ISC 25 22:45:06.0:1.3, 24.40S, 0.1x180.0E:0.2, h520km, 19km, n21, n093/21, mb3.8/11, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, URZ Urewera, RPZ Rapa Iti, etc.

NIED 25 22:48:00.4:0.10N, 138.40E, h14km, Mw3.5 Best double peak, M2: 02:01:14 NP1: 9:24:1, 866: 1:47:7. NP2: 1:13:7, 860: 1:47:7

JMA 25 22:48:18.0:0.2, 40.07N-138.41E, h14km, 4km, M3.8

ISC 25 22:48:17.0:0.9, 40.10N-138.38E:0.09, h58km, 34km, n15, n065/25, Eastern Sea of Japan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JOG2 Oga 2, JTB Tobishima, JIW Iwasaki, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Msz3.7, ZUR_RM 25 23:04:04.83, 74N, 2.43W, h4km, Mw4.5/7, Moment Tensor Solution, etc.

NEIC 25 23:04:05.0:0.3, 83.74N, 2.43W, h10km, mb4.7/12 Error ellipse: s-maj=10.3km s-min=7.0km az=207.0

ISC 25 23:04:03.4:0.3, 83.84N-0.07, 2.3W:0.5, h10km, (h16km, 3.7km, p-P), n53, n106/49, mb4.2/29, MS3.7/14, North of Svalbard

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SUMG Summit, ARCES ARCES Array B, ARCES ARCES Array B, etc.

Table with columns: WMO, Location, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WMOK Wichta Mounta, JCT Junction City, TXAR Lajitas Array, etc.

NEIC 25:23:19:28.1, 39.91S:177.06E, h29km, ML3.9(WEL), After WEL

NEIC Fell at Hawkes Bay. WEL 25:23:19:27.9, 2.39, 93.93x177.04E, h29km, ML3.8/10, 3C-30, Error ellipse: s-maj=2.0km s-min=1.3km az=90.0, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, Azimuth Rate, Elevation Rate. Lists numerous stations like PWZ Pawanui, TSZ Takapari Road, etc.

NEIC 25:23:30:48.8, 35.00S:70.53W, h7km, ML2.9(GUC), After GUC

GUC 25:23:30:48.8-0.9, 35.00S:70.53W, h7km, ML2.9, 9C-2D, Chile-Argentina border region

Table of stations in the Chile-Argentina border region, including SFDO San Fernando, CACH El Canelo, LNV Longovilo, etc.

BER 25:23:39:5.3, 9.76, 24N:15.65E, h31km, 136km, ML2.5(NAO)

NAO 25:23:39:5.4-0.7, 16.78N:15.01E, ML2.5, 1D, Svalbard region

Table of stations in the Svalbard region, including HSP Hornsund, SPA0 Spitsbergen Ar, etc.

MEX 25:23:57:5.0-7.7, 17.11N-99.89W, h20km, 19km, MD3.6, Guerrero

Table of stations in Guerrero, including ACX Acapulco.

Table of stations in the 2004 SEP section, including ACX Platanillo, IZ Mezonpeteci, etc.

STR 26:00:01:39.6, 0.1, 42.99N:0.31E, h5km, 1km, ML2.2, Error ellipse: s-maj=0.8km s-min=0.0km az=1.0

LDG 26:00:01:39.0-0.1, 43.01N:0.26E, h2km, MD1.8/3, ML1.7/3, Error ellipse: s-maj=1.5km s-min=0.6km az=165.0, France

Table of stations in the 2004 SEP section, including EPF Esparros, LAFB Labassere, etc.

IDC 26:00:09:03.8:10.0, 1.03Sx137.57E, mb3.9/2, mb1 4/0/3, mb1mx3.7/10, ML3.5/1, Error ellipse: s-maj=145.0km

Table of stations in the 2004 SEP section, including WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 26:00:24:49.9:1.9, 1.82N:127.28E, mb3.5/3, mb1 3.7/4, mb1mx3.6/13, ML3.6/1, Error ellipse: s-maj=114.0km

Table of stations in the 2004 SEP section, including FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

KRSC 26:00:45:19.9:1.3, 49.60N:156.30E, h21km, 7km, ML4.7, MOS 26:00:45:20.1:1.4, 49.85N:155.82E, h6km, mb4.2/9, Error ellipse: s-maj=21.2km s-min=8.7km az=69.6

Table of stations in the 2004 SEP section, including SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

NEIC 26:00:45:24.3:1.1, 49.86N:155.74E, h85km, 6km, mb4.3/5, Error ellipse: s-maj=12.2km s-min=7.6km az=144.0

ISC 26:00:45:21.4:0.7, 49.72N:0.06E:156.02E:0.08, h82km, 6km, n80, r134/100, mb3.9/24, 2C, Kuril Islands

Table of stations in the 2004 SEP section, including ALID Alaid, PAU Pauzhetka, MIPR Malaya Ipeka, etc.

IDC 26:01:21:42.3:4.5, 9.45S:114.42E, mb3.3/3, mb1 3.6/4, mb1mx3.5/13, ML3.5/1, Error ellipse: s-maj=289.0km

DJA 26:01:21:45.9:1.0, 9.97S:114.12E, h15km, MD5.1/4, ML4.9/4, Error ellipse: s-maj=20.8km s-min=15.6km az=22.0

NEIC 26:01:21:47.8:1.5, 9.76S:114.25E, h40km, Error ellipse: s-maj=25.4km s-min=13.7km az=77.0

ISC 26:01:21:44.0:1.7, 10.04S:0.07x114.2E:0.1, h53km, 22km, n13, r19/102, mb3.3/3, 5C-2D, South of Bali

Main station list table for the 2004 SEP section, including INGI Ingas, KEDI Kedondong, etc.

LDG 26:01:25:54.8:0.2, 42.36N:2.17E, h4km, Md2 2/3, ML2.0/10, Error ellipse: s-maj=3.3km s-min=1.5km az=152.0

MDD 26:01:25:54.2:0.3, 42.34N:2.15E, h2km, 6km, mbL 1.5/6, Error ellipse: s-maj=3.1km s-min=2.2km az=162.0

PRXIMO AfterschoolFLICA 26:01:25:53.1:0.6, 42.48N:0.03x2.12E:0.04, h3km, 4km, n18, r1827/36, 1D, Pyrenees

Table of stations in the 2004 SEP section, including VALF Valcebollere, VALF Valcebollere, etc.

Table of stations in the 2004 SEP section, including YSS Yuzh-Sakhalins, MA2 Magadan, etc.

FX1 Attu Island-F 11.19 67 ePn P 00 47 57.5 -2.4

FX1 FX1 00 49 46.6 -1.7

MAJO Kuldur 15.77 277 eSn S 00 49 03.0 +4.4

MCK McKinley 32.14 43 P P 00 51 43.1 +0.5

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

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ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

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ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

ILAR Borovoy Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Eielson Array 33.02 41 P P 00 51 50.0 -0.3

ILAR Borovoy Array 33.02 41 P P 00 50 51.1 -0.2

Table with columns: CARF, EJON, EMIR, MTLF, EPOB, EPOB, EPF, ETSF, LASF, ESAC, CAF, SJP, LFF, RJF, VIVF, TCF. Includes station names, coordinates, and various codes.

CASC 26 01:46:18.2, 5.14, 92N-89.70W, h1km, 6km, MD3.7, ML3.4, 3C-2D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Montecristo 2, Las Nubes, El Retiro, Cusmapa, Ixpaco, San Jose, San Blas, Boqueron, Tecpan 2, La Fuente, Las Brisas, El Faro, La Ceiba, San Vicente, Cacacuatique, Jato, Conchagua.

NEIC 26 01:53:24.6, 1.2, 4.99S, 144.87E, h74km, 10km, mb4.4/11, Error ellipse: s-maj=12.3km s-min=10.4km az=213.0

ISC 26 01:53:29.0, 6.7, 5.10S, 144.59E, h106km, 59km, mb4.0/10, mb1.4, 2/12, mb1mx4.2/14, MS3.4/5, Ms1.3/4.5, ms1mx3.2/17, Error ellipse: s-maj=32.3km s-min=18.4km az=59.0

ISC 26 01:53:23.5, 1.3, 5.00S, 0.07, 144.86E, 0.08, h80km, 11km, n32, c092/31, mb4.3/15, 1C-1D, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Paiam, Wau, Port Moresby, Kakadu, Charters Tower, Warramunga Arr, Alice Springs, Fitzroy Crossi, Armadale, Stephens Creek, Marble Bar, Hachijo jima, Urewhera, Fitzroy Crossi, Stephens Creek, Warramunga Arr, Zalesovo.

Table with columns: MAW, MAW, BRVK, QSPA, ILAR, DBIC. Includes station names like Mawson, Borovoy, Eielson Array, Dimborko.

LDG 26 01:55:03.0, 3.0, 45.95N, 2.80E, h4km, Md2.3/3, Ml2.2/15, Error ellipse: s-maj=1.0km s-min=0.7km az=111.0

STR 26 01:55:03.0, 9.0, 45.94N, 2.86E, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 26 01:55:01.4, 0.3, 45.94N, 0.02, -2.77E, 0.03, h5km, 5km, n21, c120/43, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Petit Puy Mans, Saint Agoulin, Toulx Ste Croi, Lubihae, Bois d'Angland, Avrill sur Loir, Signal de Mont, Les Rejaudoux, Calviac, Saint Saulge, Humbigny, Lormes, Saint-Julien-I, La Frestale, Ste Croix, Saint Martin d, La Chapelle, Montlieu, Matizieres J'vi, Esparros.

NEIC 26 01:55:02.2, 33.96S, 69.03W, h17km, ML3.3(GUC), After GUC

GUC 26 01:55:02.0, 9.3, 33.96S, 69.03W, h17km, MD4.0, ML3.3, 3C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Las Melosas, Cipreses, Farellones, El Canelo, Chadas Angostu, Cerro Calan, Colegio Aleman, Rincónada Maip, Peldehue, Talagante, Longovilo, Las Cruces.

ISC 26 02:01:59.1, 5.0, 18.92N, 146.05E, h200km, 34km, mb3.3/4, mb1.3, 6/5, mb1mx3.3/18, Error ellipse: s-maj=117.0km s-min=17.6km az=82.0

ISC 26 02:02:01.4, 4.4, 18.9N, 0.2, 145.4E, 1.0, h222km, 33km, n5, c135/6, mb3.4/4, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichi jima, Warramunga Arr, Alice Springs, Kalwaria, Wattenberg.

Table with columns: WRA, ASAR, ASAR, MKAR. Includes station names like Alice Springs, Makanchi Array.

BGR 26 02:11:53.8, 0.7, 51.52N, 16.20E, h1km, ML3.5/4, Error ellipse: s-maj=15.6km s-min=6.7km az=171.0

NEIC 26 02:11:54.0, 0.4, 51.57N, 16.18E, h5km, ML3.5(VIE), ML3.5(SZGRF), ML3.0(OLL), Error ellipse: s-maj=5.2km s-min=4.6km az=82.0

ISC 26 02:11:55.0, 0.7, 51.49N, 16.07E, mb1 3.5/7, mb1mx3.4/21, ML3.2/6, Error ellipse: s-maj=10.5km s-min=6.4km az=116.0

PRU 26 02:11:55.3, 51.51N, 16.12E, Error ellipse: s-maj=11.5km s-min=5.1km az=116.1

WRA 26 02:11:55.5, 51.52N, 16.11E, ML3.5, Mining Induced ISC 26 02:11:52.9, 0.3, 51.47N, 0.02, -16.10E, 0.02, n64, c132/131, 12C-2D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ksiaz, Upice, Dobruska-Polom, Panska Ves, Berggiesshubel, Ruedersdorf, Pruhonicie, Raciborz, Moravsky Berou, Gorka Klasztor, Ojcow, Kasperke Hory, Geres Array S, Wetzell, Kolacno, Niedzica, Vyhne, Grafenberg Arr, Bornholm Skovb, Sopron, Molin, Arzberg, Cervencia-Dubn, Piszkesteto, Kalwaria, Kolonicke sedl, Koelnbreinspre, Watalderalm, Wattenberg.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZST Bratislava, ROBS Robic, HMDT Nahal Hemdat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HAU comp=Z,20nm,0.8s, GNI comp=Z,238nm,22.2s, LASF Ste Croix, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU ARU, ARU comp=Z,6.0nm,0.9s,mb4.3, ARU comp=E,60nm,14.0s, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Kawauchi, Otama, Marumori, Yanaizu, Matsushiro, Hachioji jima 2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Songino Array, Alice Springs, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HAU Haudompre, SJPF Ste Jean, etc.

IDC 26 10:40:38.67,2.5,51Sx137.15E,mb1 2.8/3, mb1mx0.9,ML2.6/3, Error ellipse: s-maj=34.7km s-min=20.0km az=61.0

STR 26 11:49:09.5,1.47.98N,1.13W,h5km,1km,MI2.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

IDC 26 12:12:53.8,7.2,34.98S,178.99E,h163km,73km,mb3.9/4, mb1 4.0/5, mb1mx3.9/10, Error ellipse: s-maj=83.8km s-min=43.2km az=179.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Warramunga Arr, Alice Springs, Mount Isa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like GRR Gorron, LDF La Druitiere, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MXZ Matakaoa, WIZ White Island, etc.

IDC 26 10:42:57.7,15.0,0.09Sx123.14E,h189km,161km, mb3.3/5,mb1 3.4/6,mb1mx3.3/16,ML4.3/1, Error ellipse: s-maj=98.5km s-min=24.4km az=61.0

IDC 26 11:49:09.3,0.3,47.65N,0.02x0.18W,0.02,h4km,2km,n34, s-min=137.2km az=82.0, Tonga Islands region

NEIC 26 12:12:53.8,7.2,34.98S,178.99E,h163km,73km,mb3.9/4, mb1 4.0/5, mb1mx3.9/10, Error ellipse: s-maj=83.8km s-min=43.2km az=179.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Kakadu, Fitzroy Crossi, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ROSF Rostrenen, BOF Bois d'Angland, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like URZ Urewera, URZ Urewera, etc.

IDC 26 10:55:37.6,18.0,23.44S,175.34W,mb4.2/5,mb1 4.3/5, mb1mx4.0/13, Error ellipse: s-maj=330.0km s-min=137.2km az=82.0, Tonga Islands region

IDC 26 12:29:00.24,0.0N,123.60E,h35km,Mw4.1, Best double couple: M1.71x10^15 NP1.9,53,871,177. NP2.2x268, 823,1,123.

NEIC 26 12:29:06.3,2.3,23.95N,123.41E,h58km,25km,mb4.1/2, Error ellipse: s-maj=61.3km s-min=10.9km az=66.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LOR Lormes, AGO Saint Agoulin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like NIED 26 12:29:00.24,0.0N,123.60E,h35km,Mw4.1, etc.

IDC 26 11:31:31.9,0.7,20.35N,146.84E,mb4.0/12,mb1 4.1/12, mb1mx4.1/21,MS3.5/4,MS1 3.6/4,ms1mx3.2/21, Error ellipse: s-maj=35.0km s-min=15.0km az=90.0

IDC 26 11:31:33.6,0.5,20.36N,146.79E,h10km,mb4.4/6, Error ellipse: s-maj=21.3km s-min=8.6km az=91.0

IDC 26 12:29:05.9,0.8,23.94N,0.08,123.57E,0.05,h41km,6km, n23,0.87/29,mb3.8/11,MS3.1/1, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like GUMO Guam, JHU Hachioji jima 2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SFTF Safford, MEZF Maizieres J'vi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, ZRKN, ARCES, FINES, BRTR, NB2, NOA, GERS.

CASC 26 12:43:45.6:1.5, 14.96N:92.51W, h28km, 8km, MD4.2, ML4.6

MEX 26 12:43:47.2:1.3, 14.87N:92.89W, h85km, 66km, MD4.2

ISC 26 12:43:42.3:0.6, 14.66N:0.06:92.82W, 0.04, h79km, 19km, n20, c1912/35, 1C-4D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAT, CCIG, FUG, SCX, IXP, XG, CMIG, RTR, SBL, SBJ, HUI, BOO, LBRS, LFRS, LCB, SNVI, OAX, VHO, EVV, CNCH, PPM.

DJA 26 12:48:58.6:0.9, 8.80S:113.35E, h146km, 12km, MD4.5/1, ML4.0/2, 5C-2D, Error ellipse: s-maj=49.2km, s-min=20.4km az=18.0, Jawa

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

FUNV 26 12:51:31.7, 11.19N:62.01W, h119km, MW3.0

TRN 26 12:51:36.3, 11.21N:61.97W, h104km, MD3.5

ISC 26 12:51:31.4:0.7, 11.04N:0.04:62.19W, 0.03, h129km, 6km, n21, c1914/38, 2C, Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUIV, TRN, ITEV, TPP, CRUV, GUNV, GRW, TBH, TPR, BOT, ORIV, IBAV, RIOV, GURV, MERV, LUEV, CAOV, TURV, BAUV, PAVV.

IDC 26 14:15:47.1:2.9, 32.25S:178.15W, mb4.1/3, mb1.4/2/4, mb1mx4.0/13, ML3.5/1, Error ellipse: s-maj=62.3km, s-min=25.0km az=22.0

NEIC 26 14:15:49.4:1.0, 31.75S:178.24W, h10km, mb4.4/2, Error ellipse: s-maj=32.8km, s-min=18.3km az=214.0

ISC 26 14:15:54.3:1.2, 32.41S:0.09:178.8W, 0.2, h33km, n15, c1906/11, mb4.1/5, 3C-2D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, CTA, ASAR, WB2, WRAB, WRA, GSPA, SNA, CMIG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA3, VNA2, KAF, FINES.

MAN 26 14:18:04.3, 12.39N:122.86E, h44km, mb3.9, ML2.7, MS2.3, 1D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUQP, BOAC, GGP, PVCP.

LDG 26 14:33:47.4:0.1, 46.60N:7.15E, h6km, Md2/3, Mi2.1/1/3, Error ellipse: s-maj=1.6km, s-min=1.0km az=104.0

STR 26 14:33:48.9:0.8, 46.68N:7.25E, h10km, M1.9, Error ellipse: s-maj=0.6km, s-min=0.0km az=1.0

ZUR 26 14:33:47.5, 46.60N:7.19E, h12km, ML1.3/7, 7C, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORNY, SENIN, AIGLE, WIMIS, GRVON, LKBD, SALAN, DIX, EMV, CMBF, LOMF, BALST, LPL, LPG, HINF, MOF, HAU, ECH, CDF, WLS, ORIF, SMF, LOR, VIV, SSF, AVF, BGF.

CASC 26 14:43:01.9:1.3, 13.85N:89.75W, h2km, 4km, MD3.7, ML3.6, 3C-3D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTR, SBL, SBJ, SNJE, BOOS, LFRS, IXP, LCB, SNVI, CAHU, TP2, JAT.

IDC 26 15:06:37.2:3.0, 32.86S:179.10W, mb3.3/2, mb1.3/6/3, mb1mx3.5/11, ML3.7/1, MS3.0/1, Ms1 3.0/1, ms1mx2/7/9, Error ellipse: s-maj=69.1km, s-min=46.1km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, RAR, ASAR, WRA, FINES, MEX, CMIG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OAX, VHO.

IDC 26 15:20:56.8:1.1, 13.47N:120.21E, mb3.6/4, mb1.3/8/4, mb1mx3.5/18, Error ellipse: s-maj=22.0km, s-min=11.5km az=128.0

MAN 26 15:20:58.9, 13.59N:120.24E, h7km, mb4.4, ML3.3, MS3.1

ISC 26 15:20:57.9:0.9, 13.53N:0.04:120.16E, 0.06, h14km, 5km, n22, c1902/29, mb3.6/4, 1C-3D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUBP, PAZ, TGY, TGY, TGY, LBPH, ARP, SUMP, LOP, BUSP, BOAC, POLP, OATR, BALP, CUYO, BOLP, CAUP, APY, WARR, SONM, ASAR, MKAR.

MDD 26 15:22:04.8:1.9, 36.96N:8.42W, mb2.8/3, mbLg1.3/5, Error ellipse: s-maj=14.9km, s-min=6.2km az=24.0, PRXIMO

INMG 26 15:22:04.1:1.3, 36.93N:8.40W, h2km, 8km, ML1.6, Error ellipse: s-maj=10.3km, s-min=5.4km az=18.0

ISC 26 15:22:04.2:2.1, 36.98N:0.09:8.40W, 0.07, h2km, n10, c1902/18, West of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTEO, PTEO, PTEO, PALC, PALC, PALC, PBEJ, PBEJ, PBEJ, MOE, EMIN, EMIN, ESPR, ESPR, EBAD, EBAD.

LDG 26 15:22:21.8:0.1, 45.95N:7.92E, h2km, Md2.0/3, Mi1.9/4, Error ellipse: s-maj=2.9km, s-min=1.5km az=114.0

ZUR 26 15:22:22.3, 46.00N:7.87E, h3km, ML1.5/3

ISC 26 15:22:21.3:0.9, 45.93N:0.03:7.88E, 0.07, h3km, n8, c1902/15, 1C-1D, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMK, DIX, LKBD, LKBD, LKBD, LPL, LPL, CMBF, CMBF, MBDF, MBDF.

DJA 26 15:23:53.6:1.6, 0.66N:123.84E, h200km, ML5.6/2, Error ellipse: s-maj=108.9km, s-min=33.0km az=122.0

BUI 26 15:24:04.8, 0.83N:120.33E, h36km, mb5.5, mb5.4, Ms4.8, Ms2.5

MOS 26 15:24:05.6:0.9, 1.09N:120.36E, h33km, mb5.5/30, Ms4.5/18, Error ellipse: s-maj=18.4km, s-min=7.2km az=114.9

NEIC 26 15:24:06.0:2.1, 0.4N:120.31E, mb5.3/51, MS4.4/11, Error ellipse: s-maj=7.4km, s-min=3.9km az=82.0

SYO 26 15:24:06.3, 1.06N:120.29E, h28km, MB5.2, MS4.4

HRVD 26 15:24:06.4, 0.2, 1.17N:120.42E, h22km, MW5.1/59, Centroid moment Tensor Solution. LP body waves: s45c65; Mantle waves: s59c102; Half duration: 0

Moment tensor: Scale 10^16Nm; Mr=2.85±.15; Mw=2.89±.09; Mo=0.05±.14; Mv=4.76±.16; Mh=0.74±.09; Mv=2.94±.23; Best double couple: Mb.33x10^16 NP1: c272°, 81.6°, 59°. NP2: c61°, 877°, 98°. Principal axes: T: 6.31, P: 3.31, N: 1.57; N: 0.3, P: 0.8, Azm: 62°; P: -6.35, P: 58°, Azm: 320°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s

IDC 26 15:24:08.2:2.6, 1.04N:120.31E, h7km, 24km, mb5.0/23, mb1.5/2/5, mb1mx5.0/26, ML5.0/2, MS4.5/16, Ms1.4/5/16, mb1mx4.4/19, Error ellipse: s-maj=19.5km, s-min=9.5km az=68.0

ISC 26 15:24:04.1:0.9, 1.03N:0.02:120.35E, 0.03, h24km, 6km, h28km, 1.6km, pp-P, n283, c09/289, mb5.3/102, MS4.5/49, 23C-30D, Minahassa Peninsula, Sulawesi

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

26d 15h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KKR Kurukshetra, ZAK Zakamensk, WMQ Urumqi, etc.

2004 SEP

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ZRNR Zerenda, ZRNR Casey, FX1 Atsu Island-F, etc.

632

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CSS Prodhromos, SYO Syowa Base, SYO Syowa Base, etc.

DJA 26 15:33:48.8-1.0, 9.79S-114.18E, h84km,29km, MD5.1/4, M-L4.1/3, 2C-4D, Error ellipse: s-maj=52.3km s-min=17.4km az=25.0, South of Bali

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like INGI Ingas, INGI Obninsk, KELI Kelakatan, etc.

NEIC 26 15:54:05.4, 36.17N-120.65W, MW3.7(BRK), 1C, After

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Includes stations like LRV Little Rabbit, SMO San Andreas Ge, SMO Columbia Cole, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NISHM Saint Helena R, MWC Mount Wilson, MNV Mina, etc.

LDG 26 16:00:41.2,0.3,42.83N-1.52W,h2km,Md2.3,Mi2.3/2, Error ellipse: s-maj=5.3km s-min=3.0km az=42.0

STR 26 16:00:41.5,0.7,42.86N-1.54W,h2km,Mi2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 26 16:00:42.7,0.5,42.84N-1.43W,mbLq1.4/8, Error ellipse: s-maj=3.7km s-min=2.1km az=53.0,PRXIMO

ISC 26 16:00:41.2,0.6,42.81N-0.03,1.42W,0.05,h2km,n16, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SJPF Ste Jean, EALK Alkuruntz, LARF Larrau, etc.

CASC 26 16:07:05.3,4.1,11.96N-85.19W,MD3.5,2C-2D, Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CONN Concepcion, AFON Apoyo, MASN Masaya, etc.

MDD 26 16:40:10.5,2.3,34.75N-5.53W,mb3.5/7, Error ellipse: s-maj=20.8km s-min=13.6km az=5.0,PRXIMO

NEIC 26 16:40:11.1,34.80N-5.62W,MG3.5(MDD),Ater MDD.

INMG 26 16:40:11.3,1.2,34.83N-5.58W,ML2.1, Error ellipse: s-maj=7.8km s-min=6.4km az=162.0

ISC 26 16:40:11.1,1.8,34.94N-0.3,5.59W,0.07,h11km,37km,n16, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EMIJ Mijas, ESPR Espera, PALC Alcouthim, etc.

STR 26 16:58:09.1,0.7,42.83N-1.52W,h5km,1km,Mi2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 26 16:58:10.2,0.3,42.89N-1.52W,h6km,Md2.6/3,Mi2.4/7, Error ellipse: s-maj=5.0km s-min=3.8km az=48.0

MDD 26 16:58:11.0,0.4,42.87N-1.43W,h7km,4km,mbLq1.7/8, Error ellipse: s-maj=3.3km s-min=2.3km az=33.0,PRXIMO

ISC 26 16:58:09.0,0.6,42.86N-0.03,1.49W,0.04,h11km,3km,n28, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SJPF Ste Jean, EALK Alkuruntz, LARF Larrau, etc.

IDC 26 17:03:54.9,13.0,4.20N,126.48E,h116km,121km, mb3.2/4,mb1.3,4/4,mb1mx3.1/6, Error ellipse: s-maj=168.0km s-min=25.0km az=63.0

ISC 26 17:03:46.9,2.5,5.0N,0.1,127.9E,0.3,h81km,29km,n10, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KCP Kidapawan, BUKP Musuan, BUTP Butuan, etc.

IDC 26 17:12:39.8,2.1,30.56S,177.41W,mb4.2/5,mb1.4,3/6, mb1mx4.1/14,ML3.4/1, Error ellipse: s-maj=52.6km s-min=31.9km az=129.0

NEIC 26 17:12:42.0,1.3,30.51S,177.52W,h10km,mb4.5/4, Error ellipse: s-maj=26.5km s-min=17.4km az=66.0

ISC 26 17:12:45.1,1.2,30.57S,0.09,178.2W,0.2,h10km,n18, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Charters Tower, CTA Charters Tower, etc.

TIF 26 17:15:23.4,43.05N,43.77E,h8km,Mpv4.5, Error ellipse: s-maj=15.0km s-min=7.8km az=123.6

MOS 26 17:15:30.0,0.8,42.91N-44.23E,h10km,mb4.3/1, Error ellipse: s-maj=15.0km s-min=7.8km az=123.6

ISC 26 17:15:30.2,0.5,43.02N,0.03,44.15E,0.04,h10km,n20, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZEI Tsey, KUBR Kubataba, DUS Dusheti, etc.

BUI 26 17:38:00.3,36.62N-70.75E,h153km, Error ellipse: s-maj=22.5km s-min=5.7km az=62.0

MOS 26 17:38:05.1,1.0,36.49N,71.11E,h189km,mb3.8/5, Error ellipse: s-maj=44.7km s-min=20.9km az=83.5

IDC 26 17:38:07.6,9.2,36.57N,71.32E,h192km,83km,mb3.5/5, mb1.3,6/8,mb1mx3.2/0, Error ellipse: s-maj=58.0km s-min=18.7km az=40.0

NNC 26 17:38:12.6,9.4,37.30N,70.55E,h147km,116km,mpv4.3, Error ellipse: s-maj=144.2km s-min=92.5km az=110.0

ISC 26 17:38:03.1,0.6,36.41N,0.03,71.22E,0.09,h175km,7km, n49, Aftershock/PLICA

ISC 26 17:38:03.1,0.6,36.41N,0.03,71.22E,0.09,h175km,7km, n49, Aftershock/PLICA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CEP Cherat, CHCP Chirak Chowk, THW Thame Wali, etc.

Table with columns: RDF, AI-Radif, 78.60 301, eP, P, 19 27 17.1 +1.3, 19 27 17.7

Table with columns: UMR, Al-Rimmam, 78.62 302, eP, P, 19 27 16.9 +1.0, 19 27 17.7

Table with columns: MIB, MTRihab, 79.00 302, eP, P, 19 27 18.4 +0.6, 19 27 17.1 -0.4

Table with columns: TIXI, Tikisi, 79.01 31, eP, P, 19 27 18.4 +0.6, 19 27 17.1 -0.4

Table with columns: RST, Umm Al-Ruwaisa, 79.21 302, eP, P, 19 27 19.3 +0.3, 19 27 20.0

Table with columns: SYO, Syowa Base, 79.75 201, iP, P, 19 27 22.1 +1.2, 19 27 27.0 +1.0

Table with columns: SYO, Syowa Base, 79.75 201, iP, P, 19 27 22.1 +1.2, 19 27 27.0 +1.0

Table with columns: ARU, Arti, 81.07 330, iP, P, 19 42 20.3 -4.7, 19 45 51.8 -3.7

Table with columns: KMB0, Kilima Mbogo, 82.86 270, P, P, 19 27 40.1 +2.3, 19 28 20.6 0.0

Table with columns: SNA, Neumayer-Watz, 94.7 195, iP, P, 19 28 24.8 +1.3, 19 28 35.0 +0.3

Table with columns: FINES, FINESSE Array B, 37.46 326, P, P, 19 44 47.7 +0.2, 19 45 17.9 +0.5

Table with columns: ARCES, ARCES Array B, 41.09 338, P, P, 19 45 17.9 +0.5, 19 45 33.3 +0.1

Table with columns: HFS, Hagfors, 43.05 322, P, P, 19 45 33.3 +0.1, 19 45 43.2 -0.5

Table with columns: NB2, NORARS Subarra, 44.36 323, P, P, 19 45 43.2 -0.5, 19 45 43.5 -0.2

Table with columns: NOA, NORARS Array B, 44.36 323, P, P, 19 45 43.5 -0.2, 19 45 43.5 -0.2

Table with columns: RSPR, 26 19:47:42.3, 20.27N, 70.00W, h15km, 35km, MD3,7/5, MD3,7/5, 3C-3D, Dominican Republic region

Table with columns: IDE, Isla Desecho, 3.03 128L, eP, P, 19 48 27.4 -3.4, 19 49 03.8 -3.2

Table with columns: IDE, Isla Desecho, 3.03 128L, eP, P, 19 48 27.4 -3.4, 19 49 03.8 -3.2

Table with columns: IDE, Isla Desecho, 3.03 128L, eP, P, 19 48 27.4 -3.4, 19 49 03.8 -3.2

Table with columns: IDE, Isla Desecho, 3.03 128L, eP, P, 19 48 27.4 -3.4, 19 49 03.8 -3.2

Table with columns: LJU, Ljubljana, 12.11 330, iPn, P, 20 04 35.2 -3.9, 20 04 40.2 -2.5

Table with columns: PERS, Pernice, 12.38 333, iPn, P, 20 04 40.2 -2.5, 20 04 40.9 -3.2

Table with columns: OBKA, Obir, 12.49 332, iPn, P, 20 04 40.9 -3.2, 20 06 54.8 -8.9

Table with columns: ROBIC, Robic, 12.70 328, eP, P, 20 04 45.0 -1.3, 20 04 47.7 -1.3

Table with columns: ARS, Arzberg, 12.77 336, iPn, P, 20 07 00.8 -1.0, 20 04 58.3 -2.1

Table with columns: MOA, Molin, 13.72 334, iPn, P, 20 07 00.8 -1.0, 20 07 24.4 -8.7

Table with columns: KWP, Kalwaria, 13.84 359, eP, P, 20 05 04.2 +2.4, 20 05 08.0 -0.3

Table with columns: VRAC, Vranov, 14.33 343, P, P, 20 05 08.0 -0.3, 20 05 09.6 -0.7

Table with columns: SBF, Sospel, 14.47 309, eP, P, 20 05 09.6 -0.7, 20 05 12.5 +1.2

Table with columns: MORC, Moravsky Berou, 14.55 346, eP, P, 20 05 12.5 +1.2, 20 05 13.6 +6.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SAML, BDFB, and BDFB.

NIED 26 21:38:00.32, 30.30N, 142.20E, h5km, Mw4.2 Best double couple: Ma2.51x10^15 NP1.55, lambda=99.0, lambda=99.0. NP2: theta=351, delta=78.

IDC 26 21:38:06.0+1.6, 32.35N, 142.25E, mb4.2/18, mb1.4/4/21, mb1mx4.3/28, ML4.1/3, Error ellipse: s-maj=67.1km s-min=18.2km az=2.0

JMA 26 21:38:08.3-0.4, 32.30N, 142.21E, h35km, M4.4 BUJ 26 21:36:11.2, 32.17N, 142.18E, h69km, mb4.6, mb4.3, Ms4.3, Ms4.0

NEIC 26 21:38:12.7-2.3, 32.32N, 142.12E, h53km, 15km, mb4.6/19, MW4.2(NIED), Error ellipse: s-maj=23.1km s-min=10.1km az=166.0

MOS 26 21:38:13.0-0.9, 32.92N, 142.05E, h40km, mb4.5/14, Error ellipse: s-maj=22.3km s-min=10.3km az=114.2

ISC 26 21:38:08.6+1.5, 32.26N, 142.05E, h32km, 10km, n96, c1504/106, mb4.4/41, MS4.0/4, MS4.0/2, Southeast of Honshu

Main station list table for the left column, including stations like JHU2, BSO1, BSO3, BSO4, etc.

Main station list table for the middle column, including stations like BVAR, BRVK, ZRNC, INK, etc.

NEIC 26 21:40:50.7, 31.60S, 71.54W, h38km, MD3.9(GUC), After GUC

GUC 26 21:40:50.7-0.5, 31.60S, 71.54W, h38km, 2km, MD3.9, ML3.0, 1C-1D, Near coast of central Chile

Main station list table for the middle column, including stations like CMCH, JACH, TOL, etc.

Main station list table for the right column, including stations like PAGZ, SCPH, IPIL, etc.

IDC 26 21:46:46.4-2.2, 47.52N, 114.60W, h28km, 21km, mb3.1/1, mb1.3/7.3, mb1mx3.3/21, ML3.9/2, Error ellipse: s-maj=32.0km s-min=10.6km az=43.0

NEIC 26 21:46:43.0, 47.57N, 114.31W, h17km, ML3.7, ML3.8(BUT), 2D, After BUT, Montana

Main station list table for the right column, including stations like MSO, CHMT, HRY, etc.

Azm152°; N 1.373, Plg1°, Azm242°; P-3.78, Plg70°, Azm333°

ISC 26 22:50:00.1-0.6, 37.5N-0.1-31.56W, 0.06, h10km, n46, α120/32, mb4.1/16, MS4.1/22, Azores Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like CALA, PICO, RID, SET2, etc.

ISC 26 22:53:04.2-1.0, 6.19S-149.70E, mb3.4/4, mb1 3.6/4, mb1mx3.5/1.1, Error ellipse: s-maj=168.0km

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

NEIC 26 22:56:54.2-1.5, 6.99S-129.71E, h56km, 15km, mb4.6/6, Error ellipse: s-maj=16.9km s-min=9.2km az=59.0

ISC 26 22:56:55.2-4.3, 7.02S-129.67E, h64km, 38km, mb3.8/8, mb1 4.0/9, mb1mx3.9/12, ML4.8/3, Error ellipse: s-maj=49.3km s-min=17.1km az=65.0

ISC 26 22:57:04.5-2.5, 7.58S-109.129.58E, 0.10, h191km, 28km, n26, α084/27, mb4.0/13, IC, Banda Sea

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

1.4nm, 0.3s, baz=317, slow=18, SNR=7.7

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

IDC 26 23:03:49.0-3.7, 7.49N-76.98W, h87km, 36km, mb3.4/5, mb1 3.7/6, mb1mx3.5/18, MS3.1/2, Me1 3.1/2, mstmx2.7/24, Error ellipse: s-maj=51.6km s-min=23.8km az=67.0

NEIC 26 23:03:48.5-1.5, 7.38N-77.06W, h88km, 16km, mb3.9/2, Error ellipse: s-maj=22.2km s-min=12.6km az=60.0

ISC 26 23:03:44.3-2.1, 7.52N-10.09, h69.0km, 23km, n15, α096/13, mb3.77, Northern Colombia

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

BER 26 23:19:06.4-4.0, 67.80N-20.14E, ML1.6, Suspected explosion

HEL 26 23:19:05.8-0.1, 67.83N-20.22E, ML1.7, ML2.3(UFP), ML1.8(BER), Explosion, Sweden

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

MEX 26 23:31:53.1-0.4, 15.91N-97.73W, h16km, 25km, MD3.5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like PNIG, VHO, OXX, etc.

NEIC 27 00:07:15.6-1.1, 30.85S-178.03W, h50km, mb4.4/3, Error ellipse: s-maj=33.9km s-min=21.8km az=212.0

IDC 27 00:07:16.1-8.9, 31.63S-178.00W, h59km, 81km, mb4.0/4, mb1 4.2/6, mb1mx3.9/13, ML3.6/2, Error ellipse: s-maj=62.2km s-min=47.9km az=0.0

ISC 27 00:07:19.6-2.4, 31.76S-178.90W, 0.2, h50km, 19km, n22, α086/20, mb4.3/6, 2C, Kermadec Islands region

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

RPZ Rata Peaks 14.31 211 P 00 10 42.2 +1.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like RPZ, CTA, CTAO, etc.

CASC 27 00:23:08.3-1.7, 13.34N-90.20W, h27km, 5km, MD3.6, 3C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like SBLS, RTR, SNJE, etc.

STR 27 00:45:29.2-0.5, 42.33N-2.14E, h5km, 1km, MI2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 27 00:45:29.2, 42.33N-2.14E, h5km, ML2.6(STR), ML2.4(LDG), MVI, 9(MDD), After STR

MDD 27 00:45:30.0-0.2, 42.34N-2.15E, h4km, 2km, mbLq2.1/18, Error ellipse: s-maj=1.9km s-min=1.4km az=177.0, PRXIMO Aftershock/KPLCA

LDG 27 00:45:30.0-0.2, 42.35N-2.15E, h4km, MD2.7/3, MI2.4/22, Error ellipse: s-maj=2.9km s-min=1.7km az=177.0

ISC 27 00:45:28.2-0.3, 42.44N-0.02-2.17E, h7km, 2km, n56, α1942/121, 1D, Pyrenees

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

CBRU Brugera 0.16 176 Pg 00 45 31.0 -0.6

CARF Carcanieres 0.28 351 P Sg 00 45 37.0 +3.2

FILF Filloles 0.31 68 Pg Sg 00 45 35.4 +0.8

FILF Filloles 0.31 68 Pg Sg 00 45 35.4 +0.7

FILF Filloles 0.31 68 Pg Sg 00 45 35.4 +0.7

SJAF Saint Jean de 0.53 85 Pg Sg 00 45 40.0 +1.1

SJAF Saint Jean de 0.53 85 Pg Sg 00 45 40.0 +1.1

EJON La Jonquera 0.54 89 Pg Pg 00 45 40.3 +1.4

EJON La Jonquera 0.54 89 Pg Pg 00 45 40.3 +1.4

EJON La Jonquera 0.54 89 Pg Pg 00 45 40.3 +1.4

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

ERJON Laroque-de-Fa 0.56 29 Pg Sg 00 45 42.3 +2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAF Calviac, SJPF Ste Jean, LFF La Frestale, EALK Alkurruntz, etc.

NIED 27 00:59:00, 32.30N, 142.20E, h50km, Mw4.3 Best double couple: M=2.76x10^15 NP1=132, s866, lambda106. NP2: phi=237, delta16, lambda16.

ICD 27 00:59:07.4, 1.0, 32.17N, 142.27E, mb3.9/7, mb1 4.0/9, mb1mx3.8/20, ML3.7/2, Error ellipse: s-maj=28.0km s-min=21.6km az=74.0

NEIC 27 00:59:08.0, 0.7, 32.16N, 142.23E, h10km, mb4.1/2, Error ellipse: s-maj=18.0km s-min=11.8km az=46.0

JMA 27 00:59:11.7, 0.4, 32.34N, 142.16E, h94km, M3.5

ISC 27 00:59:08.8, 1.9, 32.25N, 0.06, 142.20E, 0.08, h20km, 15km, n25, c114/33, mb3.9/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ Mitsune, JHJ Hachijo jima, BSO1 Boso, etc.

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

ICD 27 01:22:49.8, 4.1, 35.89N, 29.86E, mb4.0/2, mb1 3.8/4, mb1mx3.5/17, ML3.3/2, MS4.0/2, Ms1 4.0/2, ms1mx3.3/21, Error ellipse: s-maj=66.2km s-min=39.9km az=9.0

ATH 27 01:22:50.3, 36.19N, 29.87E, h14km, MD3.5/4

NEIC 27 01:22:51.6, 2.2, 36.08N, 29.81E, h3km, mb3.9/1, MD3.5(ATH), Error ellipse: s-maj=20.4km s-min=9.3km az=158.0

ISK 27 01:22:52.9, 36.41N, 29.62E, h5km, MD3.6, ML3.5

ISC 27 01:22:52.3, 0.5, 36.22N, 0.04, 29.66E, 0.03, h3km, n41, c1916/48, mb3.8/3, MS4.0/2, AZ, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSL Kastellorizon, ELL Elmali, DALT Dalyan (Mudla), etc.

NEIC 27 01:26:17.4, 63.18N, 151.24W, h5km, ML3.7(PMR), ML3.5(AEIC), After AEIC, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTH Kantishna Hill, TRF Thorofare Moun, RND Chulitna, etc.

ICD 27 01:31:31.8, 1.9, 0.24S, 127.06E, mb3.5/3, mb1 3.7/4, mb1mx3.5/14, ML3.5/1, Error ellipse: s-maj=112.0km s-min=24.5km az=69.0, Halmahera

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

NEIC 27 01:39:26.0, 0.7, 6.76N, 72.97W, h168km, 8km, mb3.9/2, Error ellipse: s-maj=14.5km s-min=11.1km az=105.0

ICD 27 01:39:27.2, 4.2, 6.72N, 73.04W, h172km, 24km, mb3.4/4, mb1 3.7/5, mb1mx3.3/19, Error ellipse: s-maj=43.5km s-min=30.7km az=93.0

ISC 27 01:39:25.0, 0.7, 6.84N, 0.10, 73.0W, 0.1, h168km, 9km, n9, c040/10, mb3.7/5, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAML Cathedral Cave, CCM Cajal Lajas Array, TXAR Schefferville, etc.

ICD 27 01:43:47.8, 2.1, 30.42S, 177.50W, mb4.3/5, mb1 4.4/6, mb1mx4.2/14, ML3.4/1, Error ellipse: s-maj=57.8km s-min=35.1km az=142.0

NEIC 27 01:43:56.3, 1.8, 30.06S, 178.51W, h10km, mb4.5/3, Error ellipse: s-maj=51.8km s-min=28.7km az=209.0

ISC 27 01:44:01.1, 2.0, 30.54S, 0.09, 179.0W, 0.3, h33km, n15, c1913/12, mb4.2/5, Kermadec Islands region

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

PGC 27 01:44:24.1, 58.34N, 133.49W, h1km, ML3.1/4, Near Mt. Ogden, British Columbia - Alaska border., Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLBC Dease Lake, WHY Whitehorse, WHY Haines Junction, etc.

MOS 27 01:58:03.2, 1.6, 44.81N, 147.78E, h115km, mb4.2/2, Error ellipse: s-maj=35.9km s-min=27.8km az=49.6

JMA 27 01:58:03.2, 0.5, 44.50N, 149.11E, h22km, M4.6

ICD 27 01:58:06.4, 3.6, 44.89N, 147.74E, h122km, 31km, mb3.3/7, mb1 3.5/8, mb1mx3.3/19, Error ellipse: s-maj=28.0km s-min=18.9km az=96.0

ISC 27 01:58:03.4, 1.2, 44.7N, 0.1, 147.8E, 0.2, h115km, 10km, n28, c1911/32, mb3.5/7, 3C-2D, Kuril Islands

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

NEIC 27 01:58:03.4, 1.2, 44.7N, 0.1, 147.8E, 0.2, h115km, 10km, n28, c1911/32, mb3.5/7, 3C-2D, Kuril Islands

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

Table with columns: SNA, Sname, Az, AzZ, Phase ID, Time, Res. Includes stations like SNA, Sname, VNA2, VNA3, VNA1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ULC, ULC, SDA, TTT, TTT, PUK, PUK, BCI, BCI, PVI, PVI, IVA, IVA, PLE, PLE.

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

NEIC 27 02:23:03.0, 0.6, 26.13N, 92.15E, mb4.2/4, Error ellipse: s-maj=19.2km s-min=11.1km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SHL, SHL, SHL, SHL, IMP, IMP, AGT, AGT, BWN, BWN, CMAR, CMAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONA, SONA, SONA, SONA, BHP, BHP, ENH, ENH, MKAR, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR, MKAR, SONM, SONM, BVAR, BVAR, ZRNC, ZRNC, ZRNC, ZRNC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZRNC, ZRNC, MBWA, MBWA, ARCES, ARCES, WRA, WRA, WRA, WRA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WRA, WRAB, WRAB, WRA, WRA, WRA, WRA.

MDD 27 03:10:44.9, 1.4, 35.02N, 3.96W, mb3.5/13, Error ellipse: s-maj=14.6km s-min=5.6km az=11.0

Table with columns: EMEL, Melilla, SNR=24, 0.90 77 P Pb, 03 11 00.7 -0.8

Table with columns: EMUJ, Mijas, SNR=7.9, 1.58 338 P Pn, 03 11 12.6 +0.1

Table with columns: EROJ, Sierra Loja, SNR=5.0, 2.04 357 P Pn, 03 11 21.4 +2.1

Table with columns: EADA, Adamuz, SNR=9.6, 3.09 352 P Pn, 03 11 35.1 +0.9

Table with columns: EMIN, Mina Concepcio, SNR=16, 3.41 322 P Pn, 03 11 38.8 +0.1

Table with columns: PALC, Alcoutim, SNR=12, 3.65 311 ePn, 03 11 42.8 +0.7

Table with columns: ETOB, Tobarra, SNR=10, 4.06 29 P Pn, 03 11 48.4 +0.5

Table with columns: ETOB, Tobarra, SNR=10, 4.06 29 P Pn, 03 11 48.4 +0.5

Table with columns: ETOB, Tobarra, SNR=10, 4.06 29 P Pn, 03 11 48.4 +0.5

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

Table with columns: KHL, Karahalli, 2.62 26 PN P, 04 06 41.0 +0.6

IDC 27 04:24:26.7, 45.0, 15.20S, 177.58E, mb3.9/3, mb1 4.0/3, Error ellipse: s-maj=802.0km

ISC 27 04:25:59.2,3.0,18.7S,0.1,168.4E,0.5,1136km,11km,n6,
 c052/9,mb3.7/3,1C, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BKM	Butte a Klehm	0.99 352	Op P	04 26 22.4	-0.4
BKM	Mont Dzumac	3.86 208	eS P	04 26 41.0	+0.2
DZM			eS P	04 26 58.4	+0.2
DZM			eS P	04 27 42.3	-1.0
NOUC	Port Laguerre	3.94 209	eP S	04 26 59.7	+0.4
NOUC			eS P	04 27 46.1	+0.7
STKA	Stephens Creek	27.48 236	Op P	04 31 34.5	-0.3
WRA	Warramunga Arr	32.13 262	Op P	04 32 15.7	-0.3
ASAR	Alice Springs	32.49 255	Op P	04 32 19.6	+0.5

IDC 27 04:58:12.0,1.5,21.83N,142.66E,h296km,14km,mb3.4/9,
 mb1.3/10,mb1mx3.4/20, Error ellipse: s-maj=25.0km
 s-min=10.7km az=92.0

NEIC 27 04:58:16.4,4.6,21.77N,142.66E,h343km,49km,mb3.9/2,
 Error ellipse: s-maj=20.9km s-min=9.5km az=89.0

ISC 27 04:58:11.1,1.3,21.80N,0.08,142.7E,0.2,830km,13km,
 n17,c080/16,mb3.6/1,1D, Mariana Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
CBJH	Chichi jima	5.29 353	Op P	04 59 34.1	+1.4
CBJH			S	05 00 35.5	-1.3
FX1	Attu Island-F	38.83 29	eP	05 05 10.0	+1.3
SOMN	Songino Array	38.96 321	Op P	05 05 10.8	+1.0
WRAB	Tennant Creek	42.26 192	eP	05 05 37.3	+0.2
WB2	Warramunga Arr	42.27 192	Op P	05 05 37.2	+0.1
WRA	Warramunga Arr	42.27 192	Op P	05 05 37.3	+0.1
FITZ	Fitzroy Crossi	43.02 204	Op P	05 05 42.8	-0.3
STKA	Stephens Creek	45.09 191	Op P	05 06 06.3	-0.2
ASAR	Alice Springs	45.09 191	Op P	05 07 01.4	-0.5
STKA	Stephens Creek	53.38 181	Op P	05 07 01.4	-0.5
STKA	Stephens Creek	53.38 181	Op P	05 07 01.4	-0.5
MKAR	Makanchi Array	54.28 313	Op P	05 07 08.4	-0.2
MKAR			ScP	05 11 34.5	
ILAR	Iliamna Array	62.17 27	Op P	05 08 00.8	-1.3
BRVK	Borovoye	62.35 319	Op P	05 08 02.8	-0.8
ARCES	ARCES Array B	76.68 341	Op P	05 09 41.5	+0.6
FINES	FINESS Array B	82.89 334	Op P	05 10 02.4	-0.5
LPZA	La Paz	150.40 85	Op P	05 17 30.6	+8.9
LPZA			PKPab	05 17 38.4	+1.1
LPZA			PKPab	05 17 30.1	+8.4
LPZA			PKPab	05 17 37.8	+0.6

IDC 27 05:26:38.5,49.0,23.13S,174.81W,mb3.9/3,mb1.4/1,3,
 mb1mx3.9/11, Error ellipse: s-maj=918.0km
 s-min=172.1km az=87.0, Tonga Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
STKA	Stephens Creek	39.42 247	Op P	05 34 08.7	-3.3
ASAR	Alice Springs	46.86 259	Op P	05 35 10.9	-1.5
WRA	Warramunga Arr	47.22 264	Op P	05 35 14.3	-1.0

NEIC 27 05:53:46.8,36.83N,12.22W,MG4.1(MDD),After MDD.
 INMG 27 05:53:48.3,1.5,36.65N,12.40W,h31km,ML2.8, Error
 ellipse: s-maj=6.4km s-min=5.1km az=62.0

IGIL 27 05:53:49.0,36.77N,12.13W,h0km,ML3.4

MDD 27 05:53:46.8,1.8,36.80N,12.21W,mb4.2/11, Error
 ellipse: s-maj=15.9km s-min=12.4km az=47.0, PRXIMO,
 Azores-Cape St. Vincent Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PTEO	Sao Teotonio	2.88 74	Op P	05 54 32.7	-2.1
PTEO			eS	05 55 06.2	-4.5
PTEO			Pn	05 54 32.7	-2.1
PTEO			Pn	05 55 06.2	-4.5
PLOU	Loures	3.19 48	Op P	05 54 37.8	-1.5
PLOU			eS	05 55 15.1	-3.5
PLOU			Pn	05 54 37.8	-1.5
PLOU			Pn	05 55 15.1	-3.5
PBEJ	Beja	3.67 69	Op P	05 54 44.0	-2.0
PBEJ			eS	05 55 24.9	-5.7
PBEJ			Pn	05 54 44.0	-2.0
PBEJ			Pn	05 55 24.9	-5.7
ALMR	Almeirim	3.71 50	Op P	05 54 44.5	-2.1
ALMR			eS	05 55 27.2	-4.5
ALMR			eS	05 55 27.3	-4.4
ALMR			AML	05 55 29.4	
ALMR			AML	05 55 30.7	
PALC	Alcoutim	3.84 79	Op P	05 54 46.0	-2.4
PALC			eS	05 55 28.9	-6.1
PALC			Pn	05 54 46.0	-2.4
PALC			Pn	05 55 28.9	-6.1
ERIP	Rio Piedras	4.00 80	Op P	05 54 48.0	-2.7
ERIP			eS	05 55 33.6	-5.5
ERIP			Pn	05 54 50.0	-2.3
PTOM	Tomar	4.11 46	Op P	05 55 36.9	-4.9
PTOM			eS	05 55 36.9	-4.9
PTOM			Pn	05 54 50.0	-2.3
PTOM			Pn	05 55 36.9	-4.9
EMIN	Mina Concepcio	4.52 76	Op P	05 54 54.9	-3.2
EMIN			eS	05 55 45.1	-7.1
EBAD	Badajoz	4.55 63	Op P	05 54 55.8	-2.8
EBAD			eS	05 55 46.8	-6.4
PCBR	Castelo Branco	4.80 49	Op P	05 54 59.3	-2.8
PCBR			eS	05 55 52.6	-6.7
PCBR			Pn	05 54 59.3	-2.8
PCBR			Pn	05 55 52.6	-6.7
ESPR	Espera	5.09 87	Op P	05 55 03.3	-3.0
ESPR			eS	05 55 59.7	-7.1
MTE	Manteigas	5.13 44	Op P	05 55 03.8	-2.9
MTE			eS	05 56 06.0	-6.9
MTE			Pn	05 55 03.8	-2.9
MTE			Pn	05 56 06.0	-6.9
PVIS	Viseu	5.16 39	Op P	05 55 04.2	-3.0
PVIS			eS	05 56 01.5	-6.9
PVIS			Pn	05 55 04.2	-3.0
PVIS			Pn	05 56 01.5	-6.9
PVRL	Vila Real	5.68 37	Op P	05 55 11.7	-2.8

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
EMJ	Mijas	5.98 90	Op P	05 56 21.3	-7.7
EMJ			eS	05 56 15.1	-3.9
EMJ			Pn	05 56 21.3	-7.7
EMJ			Pn	05 56 15.1	-3.9
EZAM	Zamans	6.00 26	Op P	05 56 20.6	-8.7
EZAM			eS	05 55 15.6	-3.3
EZAM			Pn	05 56 20.6	-8.7
EZAM			Pn	05 55 15.6	-3.3
ELOB	Lobios	6.00 31	Op P	05 56 20.3	-9.0
ELOB			eS	05 55 18.3	-3.9
ELOB			Pn	05 56 20.3	-9.0
ELOB			Pn	05 55 18.3	-3.9
EADA	Adamuz	6.22 75	Op P	05 56 25.7	-9.2
EADA			eS	05 55 22.9	-4.0
EADA			Pn	05 56 25.7	-9.2
EADA			Pn	05 55 22.9	-4.0
PBRG	Braganca	6.55 39	Op P	05 55 22.9	-4.0
PBRG			eS	05 56 34.6	-8.7
PBRG			Pn	05 55 22.9	-4.0
PBRG			Pn	05 56 34.6	-8.7
PBRG			Pn	05 55 22.9	-4.0
PBRG			Pn	05 56 34.6	-8.7
EMAZ	Mazaricos	6.63 21	Op P	05 55 23.7	-4.2
EMAZ			eS	05 56 32.0	-13
EMAZ			Pn	05 55 23.7	-4.2
EMAZ			Pn	05 56 32.0	-13
ECAL	Calabor	6.66 38	Op P	05 55 24.5	-3.8
ECAL			eS	05 56 36.5	-9.4
ECAL			Pn	05 55 24.5	-3.8
ECAL			Pn	05 56 36.5	-9.4
ERUA	La Rua	6.82 37	Op P	05 55 23.6	-6.9
ERUA			eS	05 56 39.0	-11
ERUA			Pn	05 55 23.6	-6.9
ERUA			Pn	05 56 39.0	-11
ESDC	Sonsecra Array	7.10 64	Op P	05 55 30.1	-4.4
ESDC			eS	05 56 46.3	-11
ESDC			Pn	05 55 30.1	-4.4
ESDC			Pn	05 56 46.3	-11
EQES	Quesada	7.35 79	Op P	05 55 34.7	-3.3
EQES			eS	05 56 52.5	-11
EQES			Pn	05 55 34.7	-3.3
EQES			Pn	05 56 52.5	-11
EPON	Ponte Nova	7.59 29	Op P	05 55 36.9	-4.4
EPON			eS	05 56 57.8	-11
EPON			Pn	05 55 36.9	-4.4
EPON			Pn	05 56 57.8	-11
EVIA	Vianos	7.91 74	Op P	05 55 06.4	-11
EVIA			eS	05 55 49.3	-3.7
EVIA			Pn	05 55 06.4	-11
EVIA			Pn	05 55 49.3	-3.7
EAR1	Ariondas	8.42 37	Op P	05 57 18.1	-12
EAR1			eS	05 57 24.1	-11
EAR1			Pn	05 57 18.1	-12
EAR1			Pn	05 57 24.1	-11
ETOB	Tobarra	8.65 74	Op P	05 55 55.3	-4.1
ETOB			eS	05 57 29.0	-12
ETOB			Pn	05 55 55.3	-4.1
ETOB			Pn	05 57 29.0	-12
ETOR	Torete	8.88 60	Op P	05 56 08.6	-4.2
ETOR			eS	05 57 52.6	-13
ETOR			Pn	05 56 08.6	-4.2
ETOR			Pn	05 57 52.6	-13
EMOS	Mosqueruela	9.85 65	Op P	05 57 52.6	-13
EMOS			eS	05 58 03.8	-14
EMOS			Pn	05 57 52.6	-13
EMOS			Pn	05 58 03.8	-14
ESAC	San Caprasio	10.34 58	Op P	05 58 03.8	-14
ESAC			eS		
ESAC			Pn	05 58 03.8	-14
ESAC			Pn		

IDC 27 05:55:52.2,3.0,30.37S,138.23E,mb1.3/2/4,
 mb1mx3.2/10,ML2.7/4, Error ellipse: s-maj=76.9km
 s-min=19.9km az=74.0, South Australia

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
STKA	Stephens Creek	3.25 118	Op P	06 00 43.6	-1.8
STKA			eS	06 00 52.2	-4.8
STKA			Pn	06 00 43.6	-1.8
STKA			Pn	06 00 52.2	-4.8
ASAR	Alice Springs	7.71 329	Op P	06 01 44.5	-4.0
ASAR			eS	06 03 19.1	+1.5
ASAR			Pn	06 01 44.5	-4.0
ASAR			Pn	06 03 19.1	+1.5
WRA	Warramunga Arr	10.97 340	Op P	06 02 31.6	-1.9
WRA			eS	06 04 35.1	-3.1
WRA			Pn	06 02 31.6	-1.9
WRA			Pn	06 04 35.1	-3.1
FITZ	Fitzroy Crossi	16.75 314	Op P	06 03 49.0	-0.9
FITZ			eS		
FITZ			Pn	06 03 49.0	-0.9
FITZ			Pn		

DJA 27 06:32:49.4,1.0,9.31S,116.05E,h2km,MD5.9/3,ML4.3/1,
 2C-4D, Error ellipse: s-maj=24.0km s-min=12.3km
 az=154.0, Sumbawa region

Table with columns: Call Sign, Location, Frequency, Band, Mode, Power, and other technical details. Includes stations like BGMR Bucharest-Geol, BBIR Bucharest-INCE, etc.

Table with columns: Call Sign, Location, Frequency, Band, Mode, Power, and other technical details. Includes stations like SIM comp=Z,1um,0.3s, SIM comp=Z,160nm,7.1s, etc.

Table with columns: Call Sign, Location, Frequency, Band, Mode, Power, and other technical details. Includes stations like BDRM Kayabasi, JAVS Javornik, VOY Vojvoko, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like SPAK, VAI, TOD, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like NB2, NOA, NOA, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like SVE, ARCES, ARCES, etc.

27d 11h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KKM Kota Kinabalu, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 27 10:18:03.0-6.42S;-147.55E;h61km,55km,mb3.6/3, mb1 3.8/5,mb1mx3.5/13,ML3.3/2,Error ellipse: s-maj=71.7km s-min=48.2km az=67.0,Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 10:48:59.8-2.798S;-129.20E;h260km,97km,mb2.9/1, mb1 3.0/4,mb1mx2.8/3, Error ellipse: s-maj=60.4km s-min=42.1km az=28.0, Banda Sea

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

IDC 27 10:57:52.2-41.0, 17.19S;-65.49E,mb3.6/3,mb1 3.8/3, mb1mx3.5/16,MS3.8/1,Ms1 4.0/1,ms1mx3.6/21, Error ellipse: s-maj=1348.0km s-min=39.0km az=59.0, Mauritius - Reunion region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

OTT 27 11:29:39.41.1, 67.64N;-63.75W,h18km, MN2.9, 4.15km northeast from Qikiqtarjuaq, Nu Eastern Arctic Background Seismic Zone, Baffin Island region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like FRB Frobisher Bay, etc.

2004 SEP

Table with columns: IGL, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IGL Igloolik, PINU Pond Inlet, QILN Qikiqtaaluk Expl, etc.

BUJ 27 11:33:24.3, 31.10S;-179.00W, h10km, mb5.1, mb4.9 NEIC 27 11:33:24.4-0.3, 31.10S;-178.97W, h10km, mb5.1/20, Error ellipse: s-maj=10.8km s-min=8.2km az=151.0, Centroid moment Tensor Solution. LP body waves: s,c7c; Main waves: s30, c93; Half duration: 0 Moment tensor: Scale 1016Nm; Mw=2.93; Ms=0.89; Ml=1.90; Md=0.36; Mz=0.11; Mb=0.84; Ms=0.34; Best double couple: M=2.51x10^19 Np1=190° δ36° λ=80° NP2: φ=357° δ55° λ=97°. Principal axes: T:2.05, P10°0', Azm92°; N:92, P16g°, Azm1°; P:-2.97, P1g79°, Azm241°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 27 11:33:31.0, 3.3, 31.34S;-179.03W, h65km,33km, mb4.3/8, mb1 4.4/10,mb1mx4.3/14,ML4.0/2,MS4.0/11,Ms1 4.0/11,ms1mx3.8/19 Error ellipse: s-maj=23.7km s-min=18.7km az=178.0

ISC 27 11:33:25.6, 3.3, 31.14S;-0.06, 179.07W, 0.08, h2km, 25km, n65, e180/49, mb4.9/26, MS4.0/8, 5C-3D, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, URZ Urewera, etc.

ASAR Alice Springs 42.16 268 P 11 41 17.6 -0.3 comp=2.10m,0.9s,mb4.5,baz=103.8,slow=7.5,SNR=82

ASAR Alice Springs 42.16 268 P 11 41 17.6 -0.3 comp=2.141m,18.9s,MS3.9,baz=114,slow=36

ASPA Alice Springs 42.16 268 P 11 41 17.5 -0.4 comp=2.30m,1.0s,mb4.5,baz=114,slow=36

WRA Warramunga Arr 43.20 274 P 11 41 25.8 -0.7 comp=2.34m,0.8s,mb5.1

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.18m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

WRA Warramunga Arr 43.21 274 P 11 41 25.8 -0.7 comp=2.15m,0.8s,mb4.8,baz=111,slow=8.1,SNR=81

646

Table with columns: TXAR, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TXAR Topopah Spring, PDAR Pinedale Array, etc.

NEIC 27 11:53:19.2, 0.4, 31.22S;-68.22W, h98km,4km, mb4.2/18, Error ellipse: s-maj=7.5km s-min=4.7km az=95.0, NEIC Felt (III) at San Juan

GUC 27 11:53:19.4, 0.8, 31.21S;-68.53W, h150km,15km,ML4.4, IDC 27 11:53:20.1, 0.7, 31.13S;-68.48W, h102km,5km, mb4.0/6, mb1 4.1/8,mb1mx4.0/14, Error ellipse: s-maj=28.8km s-min=16.7km az=82.0

ISC 27 11:53:18.3, 0.6, 31.19S;-0.03, 68.25W, 0.06, h99km,5km, n67, φ=97/73, mb4.2/24, 10C-4D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, JACH Jahuel, FCH Farellones, etc.

TACH Talagante 3.35 222 P 11 54 09.3 -0.6 comp=N,1.0m,0.4s

VACH Valenar 3.39 319 P 11 54 11.1 +0.7 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

CHCH Chadas Angostu 3.41 216 P 11 54 10.6 -0.1 comp=N,1.0m,0.4s

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

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

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

MOS 27 12:20:25.9 1.6, 49.27N; 155.58E, h79km, mb4.3/5, Error ellipse: s-maj=26.3km s-min=8.2km az=70.5

KRSC 27 12:20:25.4 1.6, 48.92N; 156.41E, h43km, 15km, ML4.9, IDC 27 12:20:28.1 0.6, 49.35N; 155.19E, h50km, 5km, mb3.8/11, mb1 4.2/13, mb1mx3.9/23, MS2.8/1, Ms1 2.8/1, ms1mx2.0/31, Error ellipse: s-maj=20.6km s-min=13.9km az=139.0

NEIC 27 12:20:29.9 1.1, 49.45N; 155.19E, h81km, 10km, mb4.3/13, Error ellipse: s-maj=13.5km s-min=6.3km az=149.0, ISC 27 12:20:25.1 0.4, 49.07N; 155.85E, 0.1, h49km, h49km, 1.5km, p=0.78, r=102/100, mb4.2/25, Kuril

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

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

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

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

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

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

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

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

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

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

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

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

27d 15h

comp=Z,2.3nm,0.8s,mb4.3
PDAR Pinedale Array 97.32 47 LR 13 57 40.2

NEIC 27 13:21:25.7, 28.58S:71.17W, h46km, MD3.8(GUC), After GUC
GUC 27 13:21:25.7, 28.58S:71.17W, h46km, 2km, MD3.8, ML3.9, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Vallenar, La Serena, Copiapo, Tololo Astrono, Combarbala.

HLW 27 13:30:53.6, 23.50N-31.94E, h16km, Mb3.7, 3C, Egypt
Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Jabal Masmas, APRS, Adndan, Idfu, Nakhli, SWA1, SWA2.

IDC 27 13:52:10.3-1.1, 31.51S:72.95W, mb4.1/4, mb1 4.0/5, mb1mx3.9/13, ML3.5/1, Error ellipse: s-maj=57.8km s-min=28.5km az=111.0

NEIC 27 13:52:15.5, 31.50S:72.52W, h28km, mb4.4/1, ML3.7(GUC), After GUC
GUC 27 13:52:15.5, 0.9, 31.50S:72.52W, h28km, 14km, MD3.8, ML3.7

ISC 27 13:52:15.3-1.2, 31.52S:0.047, 72.72W:0.10, h43km, 11km, n23, 0.954/32, mb4.0/5, 6C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like La Serena, Tololo Astrono, Jahuel, Peidehue, Rinconada Maip, Talagante, Farellones.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Jahuel, Peidehue, Rinconada Maip, Talagante, Farellones, Pirque, Chadas Angostu, El Canelo, Las Melosas.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Cihpreses, San Fernando, La Paz, Torquist, LPaz, Brasilia, Sanae, GSPA, DBIC, MAW, WRA, ZAL.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Cihpreses, San Fernando, La Paz, Torquist, LPaz, Brasilia, Sanae, GSPA, DBIC, MAW, WRA, ZAL.

MAN 27 14:36:58.6, 11.67N:126.34E, h53km, mb4.4, ML3.3, MS3.1, Philippine Islands region

WAR 27 14:40:54.8, 50.06N:18.45E, ML2.4, Mining Induced
PRU 27 14:40:55.2, 50.10N:18.41E
ISC 27 14:40:53.0-0.5, 50.11N:0.04:18.43E:0.04, n11, 0.17/22, Poland

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Raciborz, Ostrava-Krasne, Ojcow, Likavka, Dobruska-Polom, Niedzica, Ksziaz, Upice, Vyhne, Pruhonice, Kasperke Hory.

GUC 27 14:43:08.7, 0.8, 37.05S:72.53W, h63km, 9km, ML4.3
NEIC 27 14:43:12.0, 1.5, 36.83S:72.25W, h61km, 1km, mb4.0/1, Error ellipse: s-maj=31.1km s-min=12.3km az=84.0

NEIC Felt [III] at Angol
ISC 27 14:43:06.9-1.0, 36.89S:0.04:72.9W:0.1, h41km, 12km, n20, 0.998/31, mb3.9/1, 5C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Chillan.

2004 SEP

CCHI CCHI 1.81 35 I/P S 14 43 31.4 +0.4
TALC Talca 1.81 35 I/P S 14 43 37.5 +1.2

TMCH Temuco 1.87 173 eP P 14 43 37.1 0.0
TMCH San Fernando 2.75 35 I/P S 14 43 58.1 -1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Longovilo, Cipreses, El Canelo, Las Cruces, Talagante, Las Melosas, Rinconada Maip, Farellones, Peidehue, Torquist, LPaz.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Palmer Station, Neumayer Olymp, Neumayer-Watz, Sanae.

IDC 27 14:54:00.4-0.2, 27.71N:112.23W, mb3.3/1, mb1 3.7/3, mb1mx3.6/19, ML4.0/2, MS3.5/3, Ms1 3.5/3, ms1mx3.4/5, Error ellipse: s-maj=60.1km s-min=22.6km az=15.0, Baja California

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Lajitas Array, Yellowknife Arr, Pinedale Array, Lac du Bonnet, Yellowknife Arr, Eielson Array.

IDC 27 14:55:54.4-25.0, 18.89S:174.46W, mb4.0/4, mb1 4.1/4, mb1mx3.8/14, 1C-1D, Error ellipse: s-maj=466.0km s-min=143.2km az=74.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Charters Tower, Stephens Creek, Alice Springs, Warramunga Arr, Neumayer Olymp, Neumayer-Watz.

PDG 27 15:07:28.0-0.1, 42.21N:19.50E, h15km, 1km
TIR 27 15:07:28.0, 42.23N:19.49E, h20km
ISC 27 15:07:29.0-5, 42.20N:0.02:19.51E:0.04, h12km, 5km, n13, 0.1513/24, 4C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Shkodra, Podgorica, Udcinj, Bajram Curri, Plav, Berane, Gafa e Shtames, Tifane, Bratogost, Unac-Piva, Pljevlja, Skopje, Ston.

IDC 27 15:09:50.4-2.1, 6.87S:129.06E, mb3.9/1, mb1 3.9/4, mb1mx3.6/13, ML3.5/3, Error ellipse: s-maj=103.0km s-min=26.6km az=75.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array.

NEIC 27 15:32:48.3, 3.7, 37.25N:72.09E, h117km, 30km, mb4.0/2, Error ellipse: s-maj=7.6km s-min=17.3km az=154.2

IDC 27 15:32:49.9, 6.8, 37.91N:71.54E, h68km, 65km, mb3.7/5, mb1 3.7/8, mb1mx3.4/22, ML3.5/2, Error ellipse: s-maj=17.9km s-min=40.5km az=142.0

NINC 27 15:32:58.8, 2.8, 38.23N:75.81E, h305km, 11km, mpv3.5, Error ellipse: s-maj=284.7km s-min=23.1km az=77.0

ISC 27 15:32:48.3-0.6, 37.24N:0.03:72.0E:0.1, h171km, 12km, n28, 0.1961/38, mb3.9/6, 3C, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Cherat, Chirah Chowk, Thw Tamche Wali, Ala-Archa, Berazinda, Bhakra, Kaipa.

CEP Cherat 3.67 190 Op P 15 33 31.4 +1.7
CHCP Chirah Chowk 3.80 173 P P 15 33 51.0 +3.7

THW Thw Tamche Wali 4.70 190 P P 15 33 58.8 -0.2
AAK Ala-Archa 5.36 14 P P 15 34 10.6 +2.9

AAK 15m, 0.5s S 15 35 09.5 +0.3
DRP Berazinda 6.05 201 P P 15 34 15.5 -1.1

BHK Bhakra 6.74 152 E Sx 15 35 47.0 +2.8
KLP Kaipa 7.46 141 eP S 15 34 56.1 +3.8

KLP 4.0m, 0.4s S 15 36 12.3 +3.8

ISC 27 15:53:51.8, 0.8, 20.13N:70.46W, h39km, 10km, mb4.2/13, Error ellipse: s-maj=8.5km s-min=6.5km az=202.0

IDC 27 15:53:53.4, 3.4, 20.17N:70.53W, h53km, 32km, mb3.8/10, mb1 4.1/13, mb1mx4.0/21, ML4.3/3, MS3.8/12, Ms1 3.7/12, ms1mx3.6/24, Error ellipse: s-maj=19.6km s-min=18.1km az=20.0

ISC 27 15:53:49.2, 2.7, 20.15N:0.07:70.43W:0.05, h32km, 21km, n51, 0.0964/44, mb4.1/23, MS3.8/11, Dominican Republic region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Agua Agua, Arcebo Observ, San Juan, San Juan, Santo Domingo, Rosal, Rosal.

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comp=N, 522nm, 0.8s e 15 36 12.1
JOSI comp=E, 462nm, 0.5s e 15 35 01.2 +6.6

JOSI Joshimath 8.91 138 eP P 15 35 32.8 -0.5
AYAN Aya Nagar 9.67 156 eP S 15 35 02.8 -1.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Khetri, Kundal, Sohna, Borovoye Array, Borovoye Array.

BVAR Borovoye Array 15.67 355 P P 15 36 19.3 -1.6
BVAR comp=N, 0.2nm, 0.3s, baz=153, slow=9.7, SNR=5.0

ZAL Zalesovo 18.49 23 eP P 15 36 59.3 +5.7
GNI Gani 21.93 286 P P 15 37 27.8 -0.6

BRTR Keskin Array B 30.47 287 P P 15 38 46.8 -0.3
AKASC Malin Array B 33.44 307 P P 15 39 13.7 +1.0

FINES FINES Array B 37.48 325 P P 15 40 47.9 +2.2
ARCES ARCES Array B 40.81 337 P P 15 40 17.6 +3.6

NB2 NORARS Array A 44.46 322 P P 15 40 45.5 +1.9
NOA NORARS Array B 44.46 322 P P 15 40 46.0 +2.4

NIED 27 15:37:00, 33.00N:137.30E, h5km, Mw4.3, Best double couple: M2:2.97x10^15 Np1:3.329x10^15, 885x1.120x10^15, NP2:2.9x10^15, 830F:1.9x10^15

IDC 27 15:37:41.1-1.1, 32.94N:137.52E, mb3.7/6, mb1 3.8/6, mb1mx3.6/22, MS3.6/2, Ms1 3.6/2, ms1mx3.2/25, Error ellipse: s-maj=26.9km s-min=19.8km az=39.0

NEIC 27 15:37:42.3-0.6, 32.99N:137.67E, h10km, Error ellipse: s-maj=23.3km s-min=9.2km az=90.0

JMA 27 15:37:42.1-0.1, 32.99N:137.30E, h41km, 2km, M3.6
ISC 27 15:37:42.5-1.1, 33.02N:0.03:137.29E:0.03, h33km, 9km, n29, 0.0717/46, mb3.6/6, MS3.6/11, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Tokai 1, Tokai 2, Tokai 3, Kozaga, Tokai 4, Ise, Kinogashima, Minabe, Tsu 2, Kouya, Hachijo jima, HJH, HJH2, HJH3, HJH4, Oshima 3, Aioi, Shimob, Odawara 2, Miyama, Wachi, Monobe, Matsuhiro, Matsuhiro, Matsuhiro.

ASAHIKAWA Asahikawa 11.83 19 LR comp=Z, 233nm, 18.8s, baz=45, slow=40

SONM Sonoma Array 27.56 312 P 15 43 31.2 +2.7

MKAR Makanchi Array 43.52 305 P 15 45 48.2 +3.7

WRA Warramunga Arr 52.73 183 P 15 45 56.8 +0.1

ASAR Alice Springs 56.45 184 P 15 47 24.5 +0.7

ASAR 0.4nm, 0.7s, mb3.5, baz=12, slow=13, SNR=7.2

STKA Stephens Creek 64.67 176 P 15 48 20.4 +0.8

BRTR Keskin Array B 78.61 310 P 15 49 47.8 +3.5

NEIC 27 15:53:51.8, 0.8, 20.13N:70.46W, h39km, 10km, mb4.2/13, Error ellipse: s-maj=8.5km s-min=6.5km az=202.0

IDC 27 15:53:53.4, 3.4, 20.17N:70.53W, h53km, 32km, mb3.8/10, mb1 4.1/13, mb1mx4.0/21, ML4.3/3, MS3.8/12, Ms1 3.7/12, ms1mx3.6/24, Error ellipse: s-maj=19.6km s-min=18.1km az=20.0

ISC 27 15:53:49.2, 2.7, 20.15N:0.07:70.43W:0.05, h32km, 21km, n51, 0.0964/44, mb4.1/23, MS3.8/11, Dominican Republic region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Agua Agua, Arcebo Observ, San Juan, San Juan, Santo Domingo, Rosal, Rosal.

AGP Agua Agua 3.55 119 eP Pn 15 54 44.5 +1.0

AOAP Arcebo Observ 3.91 117 eP Pn 15 54 48.5 -0.1

SJG San Juan 4.52 116 P Pn 15 55 00.6 +3.2

SJG 3.8nm, 0.3s, baz=341, slow=18, SNR=5.5

SJG San Juan 4.52 116 P Pn 15 55 06.3 +3.2

SJG San Juan 4.52 116 P Pn 15 55 07.3 -2.2

SDV Col San Antoni 4.76 114 eP Pn 15 56 20.3 -0.5

SDV Santo Domingo 11.20 181 eP Pn 15 55 29.1 -1.3

SDV E Rosal 15.66 195 P eSn 15 58 27.8 -7.6

ROSC E Rosal 15.66 195 P 15 57 29.8 +0.3

ROSC 4.2nm, 0.3s, baz=150, slow=20, SNR=5.5

ROSC comp=Z, 139nm, 18.8s, baz=49, slow=41

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JuntasAbangare, Blacksburg, Lakeview Retre, etc.

DJA 27 15:59:26.1 ± 1.0, 8.39S; 109.63E, h240km, MD4, 7/3, ML4.9/3, Error ellipse: s-maj=150.0km s-min=22.5km

IDC 27 16:00:12.3±0.0, 5.08S; 117.77E, mb3.5, mb1 3.7/3, mb1mx3.4/15, Error ellipse: s-maj=469.0km s-min=199.1km az=14.0

ISC 27 15:59:29.1±2.5, 4.95S; 111.2E±0.4, h10km, n7, ±0.109/10, mb3.5/3, 1C-6D, Java Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KELI, RATA, RATI, etc.

IDC 27 16:23:18.7±4.8, 19.09S; 69.51W, h97km, 39km, mb3.8/3, mb1 4.0/5, mb1mx3.8/14, Error ellipse: s-maj=46.3km s-min=24.2km az=57.0

NEIC 27 16:23:20.2±0.9, 19.03S; 69.41W, h110km, 9km, mb4.0/2, Error ellipse: s-maj=17.3km s-min=10.1km az=66.0

ISC 27 16:23:19.9±0.7, 18.97S; 0.05-69.55W±0.09, h125km, 9km, n15, ±0.68/14, mb4.1/2, 1C, Northern Chile

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, ASAR, etc.

MAN 27 16:59:05.9, 12.90N; 121.27E, h22km, mb4.5, ML3.3, MS3.2, Mindoro

NAO 27 17:01:49.9±1.9, 67.06N; 20.83E, ML2.4 HEL 27 17:01:50.4±0.1, 67.08N; 20.95E, ML2.1, ML2.7(UPP), ML2.2(BER), Explosion

IDC 27 17:01:50.5±0.8, 67.06N; 21.00E, mb1 3.2/4, mb1mx3.1/20, ML2.8/4, Error ellipse: s-maj=15.6km s-min=6.3km az=113.0

BER 27 17:01:52.4±3.7, 67.06N; 20.86E, ML1.9, ML2.4(NAO), Suspected explosion

ISC 27 17:01:48.3±0.3, 67.02N; 0.02±20.85E±0.06, n32, ±0.42/53, Sweden

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DUNU, MASU, ERTU, etc.

MSF 27 17:05:46.8±2.2, 6.07S; 130.29E, mb3.5/2, mb1 4.0/5, mb1mx3.7/13, ML3.8/3, MS3.9/1, Ms1 3.9/1, ms1mx2.5/19, Error ellipse: s-maj=80.7km s-min=25.3km az=73.0, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSF, KEV, SUF, etc.

NEIC 27 17:05:38.0±1.5, 29.77N; 95.52E, h14km, 9km, mb5.3/70, Error ellipse: s-maj=4.1km s-min=2.9km az=205.0

LDG 27 17:05:38.1±0.3, 29.92N; 95.0E, h10km, Mb5.3/39, Ms4.2/8, Error ellipse: s-maj=13.5km s-min=6.1km az=132.0

BUI 27 17:05:38.29, 29.84N; 95.52E, h30km, mb5.2, mb5.2, ML4.9, Ms4.9, Msz4.7

HRVD 27 17:05:38.0±0.4, 29.78N; 95.70E, h31km, 1km, MW5.0/48, Centroid moment Tensor Solution. LP body waves: s16.c21, Mantle waves: s48.c77; Half duration: 0 Moment tensor: Scale 10^19Nm; M1: 463.24; M2: 266.16; M3: 812.16; M4: 0.132; M5: 1.06; M6: 1.06; M7: 0.48; M8: 22; Best double couple: M3.3x10^16 NP1±126; 879; λ-176; NP2±35; 866; λ-11; Principal axes: T 4.02, P165, Azm81; N-1.46, Plg78; Azm194; P-2.57, Plg11; Azm350; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 27 17:05:38.5±0.8, 29.76N; 95.59E, h33km, mb5.3/29, Ms4.3/18 Error ellipse: s-maj=12.4km s-min=5.2km az=121.3

IDC 27 17:05:39.2±1.7, 29.74N; 95.57E, h24km, 17km, mb4.7/24, mb1 4.8/27, mb1mx4.8/31, ML5.0/3, MS4.2/14, Ms1 4.3/14, ms1mx4.0/26, Error ellipse: s-maj=19.1km s-min=8.9km az=51.0

ISC 27 17:05:36.3±0.9, 29.81N; 0.02±95.55E±0.02, h14km, 5km, h20km±2.5km, p-P, N410, ±0.89/430, mb5.2/137, MS4.4/35, 18C-103D, Eastern Xizang-India border region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, ASPA, WARRAMUNGA ARR, etc.

NEIC 27 17:38:42.81.1.8, 6.83S; 147.35E, h49km, 15km, mb4.3/4, Error ellipse: s-maj=21.2km s-min=15.9km az=104.0, IDC 27 17:38:45.4.2.1, 6.83S; 147.50E, h81km, 23km, mb3.8/7, mb1.4/0.10, mb1mx3.9/1.14, MS3.4/3, Ms1 3.4/3, ms1mx3.2/1.4, Error ellipse: s-maj=37.2km s-min=13.5km az=109.0, ISC 27 17:36:41.3.1.9, 6.65S; 0.09, 147.4E, 0.2, h52km, 15km, n20, o19/23, mb4.1/8, MS3.3/2, 1C, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA, PMAO, URZ, CNB, STKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QRN, UMR, KBD, RDF, MIB, etc.

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

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

LDG 27 20:17:55.4.4.5, 18.51Sx177.25W, mb4.4/5, mb1 4.6/5, mb1mx4.2/13, Error ellipse: s-maj=91.1km s-min=46.1km az=75.0

ISC 27 20:17:58.7.3.4, 18.65S.0.3.177.3W.0.5, h33km, n12, 0.66E/12, mb4.7/8, 2D, Fijil Islands region

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

NIED 27 20:27:00.41.50N.142.10E, h44km, Mw4.0. Best double couple: Mo:9.58x1014 NP1.0e12, 0.67e7, 1.90e7. NP2:0.192e12, 0.23e11, 1.91e11

MOS 27 20:27:18.4.1.0.41.43N.142.03E, h61km, mb4.1/6, Error ellipse: s-maj=37.5km s-min=18.1km az=77.7

LDG 27 20:27:21.9.2.9, 41.56N.142.05E, h65km, mb2.7km, mb3.5/9, mb1 3.7/9, mb1mx3.5/23, Error ellipse: s-maj=22.7km s-min=18.9km az=88.0

JMA 27 20:27:21.2.0.1, 41.55N.142.07E, h66km, mb3.9m, M3.6 Broadband fault plane solution: P waves. NP1:0.150e12, 0.140e12, NP2:0.22e12, 0.81e11, 1.01e11. Principal axes: T P1g53, Azm305; N P1g11, Azm200; P P1g35, Azm102; JMA Felt 1 J1

ISC 27 20:27:20.6.0.4, 41.54N.0.4.142.06E.0.05, h71km, mb4.4km, n33, 0.66E/44, mb3.7/9, 3C-BD, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ohata, Kayabe, Urakawa-nobuka, etc.

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

LDG 27 20:35:56.0.0.1, 43.52N.0.59W, h3km, Md2.1/2, M2.1/2, Error ellipse: s-maj=3.2km s-min=2.2km az=136.0

STR 27 20:35:57.5.0.4, 43.44N.0.61W, h5km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 27 20:35:57.4.0.5, 43.45N.0.61W, h17km, mb1.1km, MbLg1.3/6, Error ellipse: s-maj=6.0km s-min=2.7km az=13.0, PRXIMO

ISC 27 20:35:54.5.0.5, 43.56N.0.03.0.56W.0.04, h5km, km, n24, 0.97E/44, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oriardi, Arette, Montagne du Re, etc.

LDG 27 21:05:20.3.5.8, 39.52N.4.18E, h28km, 74km, mb3.3/4, Error ellipse: s-maj=25.3km s-min=9.9km az=146.0, PRXIMO

LDG 27 21:05:25.1.1.1, 39.98N.4.04E, h10km, M2.1/5, Error ellipse: s-maj=26.0km s-min=10.5km az=165.0

ISC 27 21:05:16.8.1.1, 39.69N.0.1x4.17E.0.10, h10km, n20, 1.103/25, Balearic Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Labassere, Les Forges d'A, Alkuruntz, etc.

MDD 27 20:46:19.3.1.6, 39.46N.4.17E, mb3.5/2, Error ellipse: s-maj=21.6km s-min=8.8km az=148.0, PRXIMO

LDG 27 20:46:27.7.1.0, 39.98N.4.03E, h10km, M2.3/6, Error ellipse: s-maj=22.1km s-min=8.5km az=166.0

ISC 27 20:46:17.7.1.3, 39.59N.0.1x4.22E.0.09, h10km, n25, 1.106/32, Balearic Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oriardi, Arette, Montagne du Re, etc.

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

MDD 27 21:01:23.9.3.4, 39.50N.4.19E, h28km, 37km, mb3.4/6, Error ellipse: s-maj=23.5km s-min=8.0km az=144.0, PRXIMO

LDG 27 21:01:28.0.1.1, 39.89N.4.08E, h10km, M2.0/4, Error ellipse: s-maj=29.0km s-min=9.9km az=164.0

ISC 27 21:01:19.7.1.1, 39.59N.0.1x4.18E.0.09, h10km, n23, 0.84E/28, Balearic Islands

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

MDD 27 21:05:20.3.5.8, 39.52N.4.18E, h28km, 74km, mb3.3/4, Error ellipse: s-maj=25.3km s-min=9.9km az=146.0, PRXIMO

LDG 27 21:05:25.1.1.1, 39.98N.4.04E, h10km, M2.1/5, Error ellipse: s-maj=26.0km s-min=10.5km az=165.0

ISC 27 21:05:16.8.1.1, 39.69N.0.1x4.17E.0.10, h10km, n20, 1.103/25, Balearic Islands

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

MDD 27 21:07:25.7.2.4, 39.52N.4.16E, h32km, 77km, mb3.5/4, Error ellipse: s-maj=24.5km s-min=10.8km az=150.0, PRXIMO

LDG 27 21:07:30.0.1.0, 39.97N.4.06E, h10km, M2.1/6, Error ellipse: s-maj=23.9km s-min=9.2km az=166.0

ISC 27 21:07:21.1.1.1, 39.59N.0.1x4.22E.0.09, h10km, n20, 1.106/32, Balearic Islands

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like Trims Highway, Paradox Valley, Lajitas Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES FINES Array B, FINES FINES Array A, FINES FINES Array C, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WET, SGKT, WLF, ZST, etc.

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

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

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

Table with columns: CHCH, CHCH, CICH, CICH. Station Name, Frequency, Power, and other parameters.

IDC 28 00:11:45.7:27.0, 22.18S: 173.62W, mb4.3/4, mb1 4.4/4, mb1mx4.1/1.4, Error ellipse: s-maj=493.0km, s-min=154.8km, az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, Alice Springs, Warrungarra Arr, Forrest.

TAP 28 00:27:49.2, 23.10N: 121.32E, h16km, 1km, ML3.6, Taiwan

Large table listing various stations in Taiwan (CHKT, CHKT, TWFT, etc.) with their respective frequencies, powers, and coordinates.

NDI 28 00:39:42.2:5.7, 30.40N: 79.97E, h7km, 33km, MD3.2, ML3.5

NEIC 28 00:39:44.5:2.5, 29.97N: 79.67E, h83km, 29km, mb3.7/1, Error ellipse: s-maj=21.5km, s-min=13.5km, az=76.0

IDC 28 00:39:45.9:9.0, 30.14N: 79.96E, h83km, 81km, mb3.3/7, mb1 3.5/8, mb1mx3.3/22, ML3.5/1, Error ellipse: s-maj=51.9km, s-min=19.6km, az=52.0

ISC 28 00:39:38.9:1.3, 30.42N: 0.05: 80.04E: 0.06, h12km, 7km, n24, r139/27, mb3.6/7, Western Xizang-India border region

Table listing stations in the Western Xizang-India border region (JOSI, JOSI, JOSI, etc.) with their frequencies, powers, and coordinates.

NEIC 28 00:54:08.6: 0.7, 32.68S: 71.75W, h29km, ML2.8(GUC), After GUC

GUC 28 00:54:08.6: 0.7, 32.68S: 71.75W, h29km, 4km, MD3.6,

ML2.8, 1C-2D, Near coast of central Chile

Table listing stations in Chile (LCHC, LCHC, JACH, etc.) with their frequencies, powers, and coordinates.

NEIC 28 00:57:50.4, 32.73S: 71.67W, h34km, ML3.1(GUC), After GUC

GUC 28 00:57:50.4: 0.8, 32.73S: 71.67W, h34km, 3km, MD4.0, ML3.1, 3D, Near coast of central Chile

Large table listing various stations in Chile (IHA, IHA, LCHC, etc.) with their frequencies, powers, and coordinates.

NEIC 28 01:27:34.8, 32.71S: 71.73W, h33km, ML3.1(GUC), After GUC

GUC 28 01:27:34.8: 0.7, 32.71S: 71.73W, h33km, 4km, MD4.0, ML3.1, 2C-2D, Near coast of central Chile

Table listing stations in Chile (IHA, IHA, LCHC, etc.) with their frequencies, powers, and coordinates.

NEIC 28 01:32:15.5, 51.78N: 174.11W, h41km, ML3.2(AEIC), After AEIC

IDC 28 01:32:30.9:27.0, 51.88N: 169.20W, mb3.4/2, mb1 3.9/3, mb1mx3.2/22, ML4.1/1, MS3.0/1, Ms1 3.0/1, ms1mx2.1/19, Error ellipse: s-maj=512.0km, s-min=174.1W, 0.1, h64km, 9km, n13, c059/18, mb3.3/2, Andreanof Islands

Table listing stations in the Andreanof Islands (ATKA, ATKA, GSIG, etc.) with their frequencies, powers, and coordinates.

0.5nm, 0.8s, mb3.6, baz=299, slow=5.0, SNR=5.9

BUI 28 01:33:40.8, 24.16S: 67.28W, h187km, mB5.0, NEIC 28 01:33:41.8: 0.5, 23.99S: 66.74W, h181km, 5km, mb4.5/16, Error ellipse: s-maj=7.4km, s-min=5.7km, az=71.0

SYO 28 01:33:41.4, 23.92S: 66.48W, h180km, MB4.5, GUC 28 01:33:42.2: 1.3, 24.03S: 67.31W, h242km, 24km, MD4.1, ML4.8

IDC 28 01:33:44.4: 1.7, 23.87S: 66.67W, h202km, 14km, mb4.0/12, mb4.2/15, mb1mx4.2/17, Error ellipse: s-maj=17.1km, s-min=10.0km, az=60.0

ISC 28 01:33:41.0: 0.5, 24.04S: 0.03: 66.80W: 0.05, h189km, 5km, h175km, 1.8km, pp: pP, n87, r16/84, mb4.5/27, 9C-3D, Salm

Large table listing various stations in the Pacific region (Limon Verde, Limon Verde, ANCH, etc.) with their frequencies, powers, and coordinates.

Table with columns: WRA, WARRAMUNGA ARR, PKP, PKPpdf, Time, Res. Includes stations like WARRAMUNGA ARR, TENNIS CREEK, ZAL, etc.

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

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

NEIC 28 01:43:02.4, 32.70S, 171.75W, h15km, ML3.4(GUC), After GUC.

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

THE 28 01:52:28.3, 42.43N, 21.08E, h10km, ML3.8.

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

GUC 28 01:53:14.0, 0.9, 32.68S, 171.75W, h34km, ML3.6, ML2.8, 4C-4D, Near coast of central Chile.

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

ICD 28 01:47:48.6, 1.0, 31.89S, 178.10W, mb4.3/6, mb1 4.4/9, mb1mx4.3/16, ML3.9/3, Error ellipse: s-maj=40.2km.

NEIC 28 01:47:52.0, 4.9, 31.82S, 178.13W, h25km, 35km, mb4.6/8, Error ellipse: s-maj=14.7km s-min=11.7km az=173.0.

ISC 28 01:47:50.8, 0.0, 31.80S, 0.09, 178.1W, 0.1, h27km, h27km, 8km; p-P, n36, e1903/27, mb4.5/10, 2C-3D, Kermadec Islands region.

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

THE 28 01:52:26.4, 0.3, 42.51N, 0.01, 20.97E, 0.02, h6km, 2km, n88, e115/134, 23C-10D, Northwestern Balkan Peninsula.

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

LDG 28 02:02:39.7, 0.1, 43.12N, 0.70W, h4km, M2.9/2, M2.1/6, Error ellipse: s-maj=1.4km s-min=1.1km az=2.0.

STR 28 02:02:39.5, 0.2, 43.11N, 0.70W, h5km, 1km, M2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

MDD 28 02:02:40.0, 0.2, 43.13N, 0.71W, h11km, mbLg 1.8/13, Error ellipse: s-maj=3.0km s-min=1.4km az=18.0, PRXIMO.

ISC 28 02:02:38.2, 0.3, 43.23N, 0.02, 0.65W, 0.02, h5km, 4km, n41, e120/75, Pyrenees.

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

PDG 28 01:52:27.4, 0.3, 42.55N, 20.95E, h5km, 1km. NEIC 28 01:52:27.4, 42.55N, 20.95E, h5km, ML3.5(CSEM), ML3.4(PDG), After PDG.

TIR 28 01:52:27.1, 42.56N, 20.82E, h19km, M3.0.

DAVA

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

DAVA

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

Table with columns: SNA, Sanae, YKA, MKAR, etc. Includes station names, coordinates, and various codes.

IDC 28 03:57:43.4, 5.0, 6.03S:148.70E, mb3.5/3, mb1 3.7/5, mb1mx3.6/13, ML3.4/2, Error ellipse: s-maj=75.9km s-min=5.5, l=1km

ISC 28 03:57:44.1, 7.4, 5.9S:0.2, 148.5E:0.4, h22km, 59km, n6, s=131/17, mb3.3/3, New Britain region

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

NEIC 28 04:02:37.2, 1.4, 21.1, 40Sx179.75W, h600km, mb4.0/2, Error ellipse: s-maj=93.6km s-min=20.9km az=159.0

IDC 28 04:02:38.6, 6.7, 0, 20.91S:179.89W, h618km, 395km, mb2.8/4, mb1 2.9/4, mb1mx2.8/12, Error ellipse: s-maj=201.0km s-min=11.4km az=76.0

ISC 28 04:02:36.2, 1.9, 21.3S:0.2, 179.8W:0.4, h600km, n7, s=045/7, mb3.6/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Charters Tower, CTAA, STKA, etc.

GUC 28 04:04:03.9, 0.9, 35.05S:70.44W, h10km, MD3.5, ML2.6, 1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like San Fernando, SFDO, CICH, etc.

IDC 28 04:19:23.7, 0.6, 28.71S:65.83W, mb4.2/1, mb1 4.3/13, mb1mx4.2/17, ML4.0/2, MS3.5/3, Ms1 3.4/3, ms1mx3.1/13, Error ellipse: s-maj=20.6km s-min=16.0km az=69.0

BUI 28 04:19:27.4, 28.50S:66.10W, h33km, mb4.1, Ms4.9, Ms2.4.9

NEIC 28 04:19:27.4, 28.50S:66.10W, h33km, mb4.4/8, MD4.4(SJA), After SJA.

NEIC Felt (I) at Catamarca. SYO 28 04:19:27.4, 28.50S:66.10W, h33km, MB4.4

ISC 28 04:19:23.1, 4.2, 28.83S:0.06, 65.8W:0.1, h7km, 26km, n53, s=131/37, mb4.3/16, MS3.3/2, 4C-3D, Santiago del Estero Province

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists numerous stations including Limon Verde, Viana Florida, CPUP, etc.

Table with columns: LSZ, ASAR, WRA, WRAB, AAK, ZAL, MKAR, KOLN, WMQ, GKN, DMN, KKN, PKI, SONM, CN2, etc. Includes station names and coordinates.

IDC 28 04:32:27.6, 43.0, 15.13S:175.32W, mb3.8/3, mb1 4.0/3, mb1mx3.7/12, MS2.9/1, MS1 2.9/1, ms1mx2.5/13, Error ellipse: s-maj=822.0km s-min=171.4km az=77.0, Tonga Islands

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

JMA 28 04:46:09.0, 0.3, 25.10N:122.30E, M2.7 TAP 28 04:46:13.4, 24.51N:122.02E, h10km, 1km, ML3.4 TAP Felt III J at Nanau.

ISC 28 04:46:11.9, 9.0, 25.49N:0.02, 122.16E:0.02, h9km, 3km, n37, s=056/371, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like ENA, ILA, TWE, etc.

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists numerous stations including Nanau, Iilan, Neicheng, etc.

STR 28 05:27:7.0, 4.2, 83N:1.45W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 28 05:27:7.0, 5.2, 82.88N:1.43W, h4km, M2.2, M1.9/2, Error ellipse: s-maj=7.5km s-min=5.3km az=39.0

MDD 28 05:27:28.9, 0.5, 42.85N:1.40W, mbLg1.4/5, Error ellipse: s-maj=2.2km s-min=2.2km az=52.0, PRXIMO

ISC 28 05:27:1.3, 0.7, 42.82N:0.03, 1.44W:0.05, h4km, n16, s=095/24, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Ste Jean, LARF, EALK, etc.

Table with columns: EPF, ELAN, ELAN, ETOR, ETOR, EMOS, LFF, LASF, etc. Includes station names and coordinates.

NIED 28 05:03:00, 32.30N:141.70E, h23km, M4.3 Best double couple: Ms3.52x1015 NP1@270°, 871°.-152°. NP2: @s171°, 664°, -121°.

JMA 28 05:33:49.0, 0.4, 32.35N:141.73E, M4.4 BUI 28 05:33:51.9, 32.26N:141.81E, h46km, mb4.8, mb4.6, Ms4.4, Ms24.0

IDC 28 05:33:51.5, 0.6, 32.39N:141.45E, mb4.2/17, mb1 4.4/19, mb1mx4.3/23, ML4.1/2, MS3.6/6, Ms1 3.6/6, ms1mx3.3/29, Error ellipse: s-maj=18.3km s-min=13.6km az=78.0

MOS 28 05:33:54.0, 8.0, 32.88N:141.23E, h17km, mb4.6/12, Error ellipse: s-maj=24.7km s-min=9.4km az=109.9

NEIC 28 05:33:58.0, 1.3, 32.38N:141.32E, h47km, 11km, mb4.6/21, MW4.3(NIED), Error ellipse: s-maj=8.4km s-min=7.1km az=110.0

ISC 28 05:33:52.6, 1.3, 32.28N:0.03, 141.44E:0.05, h22km, 8km, n113, s=190/2119, mb4.6/46, MS3.7/6, 1C-2D, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Mitsune, Hachijo jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like BSO1, BSO2, BSO3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like BSO4, JOD2, JYV, etc.

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

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

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

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

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

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

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

Table of station data for the left column, including station names like MKAR, KURK, ILAR, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like BRTR, KESKIN, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like LARQUE-DE-FA, SALAU, etc., and their associated coordinates and parameters.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Tarama and Kinmen.

GRAL 28 08:02:55.7, 10.0, 37.42N, 35.69E, h18km, 99gkm, MD3.8
BUJ 28 08:02:57.9, 36.0, 30N, 34.30E, h8km, mb4.7
NIC 28 08:02:57.3, 0.4, 36.99N, 34.55E, h56km, mb4.5, ML4.2, MW3.6

IDC 28 08:02:57.1, 1.0, 36.72N, 33.97E, mb3.9/11, mst1.4/1.9,
mb1mx4.0/26, ML4.4/6, MS3.0/3, Ms1 3.0/3, msb1.2/7.22,
Error ellipse: s-maj=26.7km s-min=18.9km az=59.0

MOS 28 08:02:57.2, 1.4, 36.63N, 34.27E, h10km, MD4.0, ML4.2
Error ellipse: s-maj=11.6km s-min=7.0km az=101.7
ISK 28 08:02:58.6, 36.79N, 34.36E, h10km, MD4.0, ML4.2
NEIC 28 08:02:58.9, 36.82N, 34.34E, h8km, mb4.2/14, ML4.2(NIC), After ISK.

NEIC Felit in Iceland Province.
DSS 28 08:03:03.0, 4.0, 36.67N, 34.09E, h15km, ML4.5, MS3.6
IUSC 28 08:02:59.8, 0.5, 36.77N, 0.01, 34.34E, 0.02, h15km, 3km,
n167, c1813/201, mb4.1/21, 4C-2D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Erdemli, Isikli, Ceyhan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Mamdari, Konya-Tatoy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Prodhromos, Lefka, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Gaziantep, Souini-Zanaja, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Souini-Zanaja, BNN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like BNN, Paphos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Kizilcal, Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Keskin Array B, BNN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like BNN, Bueac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Bueac, Isparta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like Isparta, ANTO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other metrics. Includes stations like ANTO, LOD, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Jabal al Asfar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Tasoluk, Dragot, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Masada, Kayabasi, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Bornova, Izmir, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Sochi, Soc, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Malin Array Be, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like KWP, PSZ, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like VAE, VRAC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GEC2, GEC3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GEC2, GEC3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GEC2, GEC3, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GEC2, GEC3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GEC2, GEC3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like HHC, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like HHC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like HHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KWP, BOZ, OMM, URZ, MTUM, etc.

LDG 28 09:25:35.3:0.6, 42.96N:1.34W, h2km, Md2.21, M2.0/2, Error ellipse: s-maj=8.4km s-min=3.6km az=46.0

MDD 28 09:25:34.7:0.7, 42.90N:1.37W, mBLg1.2/5, Error ellipse: s-maj=5.6km s-min=2.9km az=44.0, PRXIMO

AftershockPLICA, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJFF, LARF, EALK, etc.

PRU 28 09:47:08.3, 51.43N:16.18E, WAR 28 09:47:08.8, 51.45N:16.16E, ML2.8, Mining Induced, Poland

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

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

NEIC 28 09:47:41.2:0.5, 51.52N:16.22E, h5km, ML2.3(BRG), ML3.3(VIE), ML2.9(SZGRF), Error ellipse: s-maj=6.5km s-min=5.2km az=98.0

ICD 28 09:47:43.2:0.7, 51.43N:16.01E, mb1 3.5/7, mb1mx3.4/22, ML3.1/7, Error ellipse: s-maj=14.0km s-min=7.0km az=106.0

PRU 28 09:47:43.5, 51.41N:16.18E, WAR 28 09:47:43.3, 51.45N:16.16E, ML3.0, Mining Induced

ISC 28 09:47:38.8:0.5, 51.53N:0.03:16.21E:0.04, n25, s17/4/40, 1C, Poland

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

DJA 28 09:52:16.2:0.9, 8.76S:-115.30E, h65km, 6km, MD5.3/4, 5C-3D, Error ellipse: s-maj=25.3km s-min=7.4km az=30.0, Bali region

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

TIF 28 09:53:40.9, 41.38N:43.95E, h3km, Mpv3.8.2D, Turkey-Georgia-Armenia border region

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

NEIC 28 10:01:46.4, 37.27S:-177.39E, h130km, After WEL, WEL 28 10:01:46.6:0.1, 37.26S:-177.39E, h127km, ML4.3/8, 1C, Error ellipse: s-maj=0.8km s-min=0.7km az=90.0

Off east coast of North Island

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

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

ICD 28 10:09:08.6:0.7, 27.49S:71.15W, mb4.2/7, mb1 4.3/9, mb1mx3.2/15, ML3.8/2, MS4.0/4, M4.1 4.0/4, ms1mx3.5/17, Error ellipse: s-maj=28.0km s-min=21.0km az=76.0

NEIC 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, mb4.6/5, MD4.2(GUC), After GUC

GUC 28 10:09:13.2:0.6, 27.52S:71.16W, h43km, 4km, MD4.2, ML4.6

SYO 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

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

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

CPUP 28 10:09:13.2:0.7, 27.52S:71.16W, h43km, MB4.5, ISC 28 10:09:11.9:1.8, 27.43S:0.03:71.2W:0.1, h31km, n40, s113/36, mb4.3/11, MS4.0/3, 6C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MDJ. Includes stations like JACH Jahuel, FCH Farellones, PEL Peidehue, etc.

NIED 28 10:41:00, 32.50N, 141.60E, h23km, Mw5.2 Best double couple: Ms5.96x10^16 NP1:φ=266°, δ84°, λ=146°. NP2: φ=172°, δ57°, λ=7°. JMA 28 10:41:42, 7.0, 32.49N, 141.63E, MS.0, IDC 28 10:41:44, 3.0, 32.36N, 141.35E, mb4.6/22, mb1 4.7/24, mb1mx4.7/26, ML4.5/2, MS4.4/4, Ms1 4.5/4, ms1mx4.1/18, Error ellipse: s-maj=15.0km s-min=12.5km az=87.0, Putative timing error at ZAL MOS 28 10:41:49, 0.1, 32.62N, 141.26E, h33km, mb5.1/23, MS4.6/14, Error ellipse: s-maj=14.6km s-min=6.9km az=109.9 BUI 28 10:41:50, 3, 32.46N, 141.41E, h60km, mb5.1, mb4.9, Ms4.9, MS24.8 NEIC 28 10:41:50, 5.0, 7, 32.43N, 141.20E, h44km, mb5.0/74, MW5.2(NIED), Error ellipse: s-maj=4.1km s-min=3.5km az=163.0 HRVD 28 10:41:50, 5.0, 3, 32.44N, 141.40E, h16km, MW5.3/62, Centroid moment Tensor Solution. LP body waves: s46,c78; Mantle waves: s62,c113; Half duration: 1s0 Moment tensor: Scale 10^17Nm; Mr0.34±.02; Mθ0.06±.02; Mφ0.04±.02; Mσ0.66±.05; Mδ0.027±.01; Mr0.54±.05; Best double couple: Ms:96x10^17 NP1:φ=175°, δ20°, λ38°. NP2:φ=49°, δ78°, λ106°. Principal axes: T:93, P154°, Azm338°, N:07, P15°, Azm225°, P:1, P1g31°, Azm126°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISC 28 10:41:48, 5.0, 2, 32.38N, 141.25E, 0.03, h38km, h38km, 1.6km, pp-P, n325, d099/335, mb5.0/105, MS4.8/22, 16C-7D, Southeast of Honshu

Main table with columns: MDJ, LR, LR, Time, Res, MDJ. Includes stations like Mudanjiang, Uglegorz, comp=Z,450nm,2.0s, etc.

Main table with columns: SONM, YAK, YAK, comp=Z,27nm,0.8s,mb4.8, 30.50 311 P P, 10 48 01.6 +1.6, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MDJ. Includes stations like JHJ Mitsune, JHJ Hachijo jima 2, JHJ Kozu shima, etc.

Table of astronomical observations for 28th 10h, listing station codes (e.g., FITZ, WRAB, WB2), object names (e.g., Fitzroy Crossi, Warramunga Arr), coordinates, and other parameters.

Table of astronomical observations for 28th 10h, listing station codes (e.g., SOC, WCN, CHMT), object names (e.g., Washoe City, Chamberlain Mo), coordinates, and other parameters.

Table of astronomical observations for 28th 10h, listing station codes (e.g., KHC, GERES, GRA1), object names (e.g., Geres Array B, Grafenberg Arr), coordinates, and other parameters.

CBIJ	17nm,0.3s,baz=301,slow=19,SNR=3.8	S _n	P	10 45 54.2	-4.6
CBIJ	14nm,0.3s,baz=259,slow=23,SNR=2.5	P	S	10 44 57.1	-1.5
JMM	Chichi jima	5.26 172	P	10 44 59.7	-2.9
JMM	Murumori	5.55 355	P	10 45 57.8	-8.3
JHHJ	Haha-jima-NKT	5.72 173	P	10 45 04.3	-0.7
JHHJ			P	10 46 10.2	-0.2
JMK	Ichinoseki	6.62 359	P	10 45 15.4	-2.3
JMK			P	10 46 22.2	-1.1
JNU	Nakatsue	8.87 278	LR	10 48 59.7	
ASAJ	comp=Z,6um,18.9s,baz=42,slow=36		P	10 46 22.3	-7.0
ASAJ	Asahikawa	11.81 4 Pn	P	10 48 26.0	-15
ASAJ	2.1nm,0.3s,baz=248,slow=6.8,SNR=6.8				
ASAJ	Asahikawa	11.81 4 P	P	10 46 22.3	-7.0
ASAJ				10 48 26.0	
ASAJ	comp=Z,6.0nm,0.3s		pmax	pmax	
ASAJ	comp=N,2.0nm,0.3s		smax		
YUK	Yuzh-Kuril'sk	12.21 16	eP	10 46 31.4	-3.3
YUK			eS	10 48 31.4	-19
YUK	comp=N,210nm,0.4s		pmax	pmax	
YUK	comp=Z,230nm,0.4s		pmax	pmax	
YUK	comp=E,460nm,0.6s		pmax	pmax	
YUK	comp=N,2um,1.0s		smax		
YUK	comp=E,1um,0.6s		smax		
YUK	comp=N,370nm,0.8s		smax		
YUK	comp=E,570nm,0.7s		smax		
YUK	comp=N,2um,16.0s		MLR	MLR	
YUK	comp=N,2um,16.0s		MLR	MLR	
JOW	comp=E,3um,16.0s		LR	LR	
JOW	Kunigami	12.63 248	LR	10 50 36.9	
JOW	comp=E,4um,19.6s,baz=134,slow=33				
YSS	Yuzh-Sakhalins	14.65 4	P	10 47 02.3	-4.4
MDJ	Mudanjiang	15.33 327	P	10 47 14.5	-1.1
MDJ			AP	10 47 23.8	
MDJ	comp=Z,26nm,1.1s		AMB	AMB	
MDJ	comp=Z,186nm,6.2s		AMB	AMB	
MDJ	Mudanjiang	15.33 327	eP	10 47 14.7	-0.9
CN2	comp=Z,1.0nm,0.6s		P	10 47 35.0	-1.2
CN2	Changchun	16.95 317	eP	10 50 41.8	-0.3
CN2			eS		
CN2	AMB		AMB		
CN2	comp=Z,700nm,8.0s		LR	LR	
CN2	comp=N,3um,15.0s		LR	LR	
CN2	comp=E,3um,15.0s		LR	LR	
CN2	comp=Z,3um,19.0s		LR	LR	
SSE	Sheshan	17.21 271	eP	10 47 40.3	+0.7
SSE			XP	10 47 57.3	
SSE			S	10 50 47.5	-0.8
SSE			XS	10 51 12.3	
SSE			LR	LR	
SSE	comp=N,708nm,18.7s		LR	LR	
SSE	comp=E,1um,18.7s		LR	LR	
SSE	comp=N,2um,18.2s		LR	LR	
SSE	Sheshan	17.21 271	eP	10 47 40.2	+0.6
SSE	comp=Z,18nm,0.7s				
SSE			S	10 47 57.3	
SSE			S	10 50 47.5	-0.8
SSE			SS	10 51 12.2	
DL2	Dalian	17.32 298	PR	10 47 44.5	
DL2			S	10 50 55.8	+5.1
DL2			AMB	AMB	
DL2	comp=Z,370nm,8.3s		LR	LR	
DL2	comp=N,800nm,13.7s		LR	LR	
DL2	comp=E,2um,15.3s		LR	LR	
DL2	comp=Z,2um,15.3s		LR	LR	
GUMO	Guam	18.92 169	eP	10 48 02.5	+1.7
NJ2	Nanjing	19.05 275	eP	10 48 20.5	-0.2
NJ2			PP	10 48 20.5	+1.5
NJ2			S	10 51 31.0	+1.2
NJ2	comp=Z,1um,5.0s		LR	LR	
NJ2	comp=N,3um,16.0s		LR	LR	
NJ2	comp=E,2um,17.8s		LR	LR	
NJ2	comp=Z,2um,14.4s		LR	LR	
BJI	Beijing	21.69 298	P	10 48 24.5	-5.4
BJI			XP	10 48 51.5	
BJI	comp=Z,480nm,6.7s		AMB	AMB	
BJI	comp=N,2um,14.0s,MS4.7		LR	LR	
BJI	comp=E,1um,14.7s,MS4.7		LR	LR	
BJI	comp=Z,3um,21.7s		LR	LR	
BJI	Beijing	21.69 298	P	10 48 24.4	-5.5
BJI	comp=Z,8.0nm,1.4s,mb4.8				
BJI	Hailar	23.41 323	eP	10 48 51.4	
BJI	comp=Z,25nm,0.7s,mb4.8				
HHC	Hu-ho-hao-te	25.30 298	eP	10 48 45.6	-1.1
HHC			AP	10 49 03.5	-1.6
HHC			PP	10 49 16.0	+1.1
HHC			PCP	10 50 09.3	-1.0
HHC			PCP	10 52 37.0	+1.3
HHC			S	10 53 22.0	-4.1
HHC	comp=Z,28nm,1.1s,mb4.7		AMB	AMB	
HHC	comp=Z,351nm,4.3s		LR	LR	
HHC	comp=N,634nm,16.1s,MS4.7		LR	LR	
HHC	comp=E,2um,13.7s,MS4.7		LR	LR	
HHC	comp=Z,1um,17.8s,MS4.5		LR	LR	
CLNS	Chul'man	27.03 340	eP	10 49 19.9	-1.0
CLNS			ePP	10 49 26.7	-4.2
CLNS			ePPP	10 50 09.3	-1.0
CLNS			eS	10 53 52.2	-2.1
CLNS			eSS	10 55 02.4	-7.2
CLNS			eSSS	10 55 22.3	-5.7
CLNS			e	11 00 06.4	
CLNS	comp=Z,57nm,1.2s,mb5.0		pmax	pmax	
CLNS	comp=N,54nm,1.5s		pmax	pmax	
CLNS	comp=E,18nm,0.8s		pmax	pmax	
CLNS	comp=Z,35nm,1.0s,mb4.8		pmax	pmax	
CLNS	comp=N,11nm,0.7s		pmax	pmax	
CLNS	comp=E,27nm,1.0s		smax		
CLNS	comp=N,520nm,13.0s		smax		
CLNS	comp=Z,299nm,11.5s		smax		
XAN	comp=E,53nm,10.3s		P	10 49 20.5	-1.8
XAN	Xi'an	27.15 283	P	10 49 20.5	-1.8
XAN			AMB	AMB	
ENH	Enshi	27.26 274	eP	10 49 22.2	-1.2
ENH	comp=Z,31nm,0.9s,mb4.8				
SOMN	Songino Array	30.61 311	P	10 49 54.6	+1.6
SOMN	comp=Z,13nm,1.0s,mb4.7,baz=112,slow=6.7,SNR=9.2				
YAK	Yakutsk	30.66 349	eP	10 49 52.1	-1.3
YAK			pmax	pmax	
YAK	comp=Z,55nm,2.0s,mb5.0				

LZH	Lanzhou	31.13 287	PP	10 49 57.0	-0.8
LZH			PP	10 51 00.5	-0.4
LZH			eS	10 54 57.0	-2.8
LZH			SS	10 56 43.8	-2.4
LZH	comp=Z,41nm,1.3s,mb5.1		AMB	AMB	
LZH	comp=Z,178nm,5.5s		AMB	AMB	
LZH	comp=E,1um,13.2s		LR	LR	
LZH	comp=Z,3um,17.1s,MS4.9		LR	LR	
LZH	Lanzhou	31.13 287	PP	10 49 57.1	-0.7
LZH	comp=Z,41nm,1.3s,mb5.1				
LZH			pP	10 50 08.1	+0.1
LZH			sP	10 50 13.8	+1.2
LZH			sP	10 51 00.6	-0.3
LZH			eS	10 54 57.0	-2.8
LZH			SS	10 55 17.6	
LZH			SS	10 56 43.7	-2.5
BOD	Bodaibo	31.58 332	eP	10 50 00.8	-0.7
ZAK	Zakamensk	33.34 314	eP	10 50 17.4	+0.5
GTA	Gaotai	34.17 294	P	10 50 23.3	-0.9
GTA			PP	10 51 40.8	+1.4
GTA			PP	10 55 45.5	-1.7
GTA			SS	10 58 00.0	+3.0
GTA	comp=Z,134nm,8.0s		AMB	AMB	
GTA	comp=N,414nm,13.3s,MS4.7		LR	LR	
GTA	comp=E,840nm,16.0s,MS4.7		LR	LR	
GTA			LR	LR	
KMI	comp=Z,823nm,15.6s,MS4.6		eP	10 50 28.0	+1.0
KMI	Kuming	34.48 268	eP	10 51 14.8	+2.3
KMI	comp=Z,4.0nm,1.0s,mb4.3				
TIXI	Tiksi	39.95 354	eP	10 51 43.6	
TIXI			pmax	pmax	
TIXI	comp=Z,20nm,1.5s,mb4.6		MLR	MLR	
TIXI	comp=Z,600nm,17.0s,MS4.5				
CMAR	Chiang Mai Arr	40.47 261	P	10 51 22.3	+5.0
CMAR	comp=Z,2.8nm,1.0s,mb4.0,baz=47,slow=7.1,SNR=4.6		PcP	10 53 22.4	+2.1
CMAR	comp=Z,0.5nm,0.4s,baz=27,slow=2.0,SNR=3.0		PcP		
CMAR	Chiang Mai Arr	40.47 261	P	10 51 22.3	+5.0
CMAR			pmax	pmax	
CMAR	comp=Z,3.0nm,1.0s		pmax	pmax	
CMAR	comp=Z,1.0nm,0.4s		pmax	pmax	
LSA	Lhasa	42.80 280	P	10 51 37.3	+0.9
WHQ	Urumqi	43.09 301	P	10 51 39.3	+0.7
WHQ			AP	10 51 51.5	+2.5
WMQ			PP	10 53 21.8	+0.8
WMQ			S	10 58 00.5	-1.3
WMQ			SS	11 01 05.5	-2.8
WMQ	comp=Z,47nm,1.4s,mb5.0		AMB	AMB	
WMQ	comp=Z,94nm,10.0s		AMB	AMB	
WMQ	comp=N,648nm,18.4s,MS4.7		LR	LR	
WMQ	comp=E,647nm,19.0s,MS4.7		LR	LR	
WMQ	comp=Z,787nm,20.4s,MS4.6		LR	LR	
ZAL	Zalesovo	45.17 316	P	10 51 56.0	+0.8
ZAL			pmax	pmax	
NVS	Novosibirsk	46.16 317	eP	10 52 00.1	-2.9
NVS			pmax	pmax	
NVS	comp=Z,26nm,1.1s,mb5.1		pmax	pmax	
NVS	comp=E,31nm,1.2s		pmax	pmax	
MKAR	Makanchi Array	46.72 306	P	10 52 07.8	+0.3
MKAR	comp=Z,1.9nm,0.7s,mb5.2,baz=90,slow=9.7,SNR=7.3				
MKAR	Makanchi Array	46.72 306	P	10 52 07.8	+0.3
MKAR			pmax	pmax	
MKAR	comp=Z,19nm,0.7s				
PKI	Pulchoki	48.26 280	eP	10 52 19.0	-0.9
PKI	comp=Z,79nm,1.1s,mb5.7				
KKN	Kakani	48.29 280	eP	10 52 19.7	-0.4
KKN	comp=Z,88nm,0.9s,mb5.8				
DMN	Daman	48.50 280	eP	10 52 20.9	-0.8
DMN	comp=Z,49nm,1.0s,mb5.5				
GKN	Gorkha	48.76 281	eP	10 52 22.0	-1.7
GKN	comp=Z,164nm,1.2s,mb5.9				
KURK	Kurchatov	48.91 311	iP	10 52 23.6	-0.9
KURK	Kurchatov	48.91 311	eP	10 52 23.9	-0.7
KURK	comp=Z,52nm,1.1s,mb5.7				
KOLN	Koldanda	49.70 281	eP	10 52 30.3	-0.7
KOLN	comp=Z,140nm,1.4s,mb5.8				
CTA	Charters Tower	52.32 174	LR	11 14 19.3	
CTA	comp=Z,540nm,20.5s,MS4.5,baz=6.4,slow=35				
CTA	Charters Tower	52.32 174	eP	10 52 49.2	-1.7
FITZ	Fitzroy Crossi	52.35 199	eP	10 52 51.2	+0.1
FITZ	comp=Z,5.8nm,0.6s,mb4.5				
FITZ	Fitzroy Crossi	52.35 199	P	10 52 50.6	-0.5
FITZ	comp=Z,17nm,1.3s,mb4.8,baz=8.4,slow=7.3,SNR=2.9				
WRAB	Tennant Creek	52.39 188	eP	10 52 51.1	-0.3
WRAB	comp=Z,46nm,0.8s,mb5.5				
WB2	Warramunga Arr	52.40 188	eP	10 52 50.7	-0.8
WB2	Warramunga Arr	52.40 188	P	10 52 50.8	-0.7
WB2	comp=Z,14nm,0.7s,mb5.0,baz=3.9,slow=7.5,SNR=8.3				
WRA	comp=Z,2.3nm,0.8s,baz=3.1,slow=4.5,SNR=7.6		LR	10 57 57.8	
WRA	comp=Z,434nm,18.8s,MS4.5,baz=345,slow=36		LR	11 15 34.2	
WRA	Warramunga Arr	52.40 188	P	10 52 50.8	-0.7
WRA	comp=Z,14nm,0.7s		pmax	pmax	
WRA	comp=N,2.0nm,0.8s		pmax	pmax	
WRA	comp=Z,434nm,18.8s		MLR	MLR	
KSH	Kashi	52.41 297	eP	10 52 51.0	-0.3
KSH			eAP	10 53 04.0	+2.1
KSH			PP	10 54 02.0	+0.1
KSH			ePP	10 54 51.0	-0.2
KSH			eP	10 57 59.5	
KSH			S	11 00 12.5	-0.8
KSH			eS	11 00 27.3	-0.7
KSH			eSS	11 02 34.0	-1.0
KSH			eSS	11 03 47.5	-2.3
KSH	comp=Z,190nm,4.0s		AMB	AMB	
KSH	comp=N,650nm,12.1s,MS5.1		LR	LR	
KSH	comp=E,1um,15.8s,MS5.1		LR	LR	
MCK	McKinley	52.61 32	P	10 52 52.1	-0.3
MCK	comp=E,8.4nm,1.0s,mb4.6				
ILAR	Eielson Array	53.53 30	P	10 52 57.2	-2.1
ILAR	comp=E,4.3nm,0.7s,mb4.5,baz=262,slow=5.1,SNR=8.3				
ILAR	Eielson Array	53.53 30	P	10 52 57.2	-

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Chichi jima, Marumori, Asahikawa, etc.

NAO 28 11:53:40.65, 1.57, 57Nk, 7.52E, h8km, 27km, ML3.0
NEIC 28 11:53:40.7, 57.49N, 6.95E, h16km, ML2.9(BER), After BER.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Monsted Ugrnd, Stavanger, Blasjo.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Karmoy, Odda, Espengren, Bergen, Askoy, Hoyanger, Sulen, etc.

MOS 28 12:51:27.4, 2.46, 49.90N, 87.84E, h10km, mb4.1/1, Error ellipse: s-maj=24.8km s-min=13.9km az=12.3
NNC 28 12:51:29.9, 5.8, 50.06N, 88.00E, h20km, 41km, mpv3.8, Error ellipse: s-maj=56.1km s-min=29.3km az=53.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKAR, Ust-Kan, Tashtagol, etc.

NEIC 28 12:57:15.3, 0.30, 33S, 71.60W, h28km, ML3.9(GUC), After GUC.
GUC 28 12:57:15.3, 0.30, 33S, 71.60W, h28km, 7km, MD3.3, ML3.9, 1C-3D, Near coast of central Chile

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

NIED 28 13:02:00, 31.80N, 141.90E, h5km, Mw4.5 Best double couple: Ms=7.3x10^15 Np1=328, 883, 181. Np2=200, 817, 141.
IDC 28 13:02:27.0, 6.31, 80N, 141.73E, mb4.3/1, mb1 4.4/1, mb1 mx4.4/25, ML3.9/4, MS3.8/4, Ms1 3.8/4, ms1 mx3.3/28, Error ellipse: s-maj=18.4km s-min=14.3km az=83.0, Putative timing error at ZAL

BJJ 28 13:02:28.1, 31.82N, 141.53E, h15km, mb4.9, mb2.4, Ms4.1, Msz3.5
JMA 28 13:02:28.9, 0.2, 31.82N, 141.92E, h68km, M3.8
NEIC 28 13:02:31.0, 3.5, 31.81N, 141.66E, h26km, 24km, mb4.6/19, MW4.5(NIED), Error ellipse: s-maj=10.2km s-min=8.0km az=115.0
MOS 28 13:02:30.3, 1.2, 31.91N, 141.80E, h33km, mb4.6/14, Error ellipse: s-maj=22.5km s-min=10.8km az=110.5
ISC 28 13:02:27.3, 1.2, 31.79N, 0.03, 141.67E, 0.05, h12km, 7km, n10u, 1070/113, mb4.5/35, MS4.0/8, 2C, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mitsune, Hachijo jima 2, Boso 1, Boso 3, Kozu shima, etc.

MOS 28 12:51:27.4, 2.46, 49.90N, 87.84E, h10km, mb4.1/1, Error ellipse: s-maj=24.8km s-min=13.9km az=12.3
NNC 28 12:51:29.9, 5.8, 50.06N, 88.00E, h20km, 41km, mpv3.8, Error ellipse: s-maj=56.1km s-min=29.3km az=53.0
ISC 28 12:51:30.1, 1.2, 50.02N, 0.07, 87.6E, 0.1, h10km, n13, 1512/19, 7C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Sheshan, Nanjing, Beijing, etc.

NEIC 28 12:57:15.3, 0.30, 33S, 71.60W, h28km, ML3.9(GUC), After GUC.
GUC 28 12:57:15.3, 0.30, 33S, 71.60W, h28km, 7km, MD3.3, ML3.9, 1C-3D, Near coast of central Chile

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

BUI 28 13:43:26.1, 13.20S:15.10W, h10km, mB5.3, Ms5.1, Msz5.1
HRVD 28 13:43:26.1±0.2, 12.86S:14.55W, h12km, MW5.2/69, Centroid moment Tensor Solution. LP body waves: s47.67z; Mantle waves: s69.c13z; Half duration: 1s0
Moment tensor: Scale 10¹⁷Nm; Mr=0.79±0.2; Mw=0.04±0.2; Ms=0.83±0.2; M=0.16±0.07; Mw=0.09±0.02; Mw=0.06±0.06; Best double couple: Ms:83; 10¹⁷ NP1: 0±185; 0±43; -λ-74; NP2: 0±343; 0±49; -λ-105; Principal axes: T:84, P1g3; Azm84; N-02, P1g1; Azm353; P-82, P1g7; Azm188; nsta1 refers to body waves, cutoff=50s; nsta2 refers to surface waves, cutoff=50s.
NEIC 28 13:43:26.1±0.2, 13.24S:15.06W, h10km, mB5.4/79, MS4.8/18 Error ellipse: s-maj=7.9km s-min=5.4km az=122.0

ISC 28 13:43:24.6±0.3, 13.12S±0.05±15.10W±0.6h10km, n247, c097/225, mB5.2/108, MS4.7/29, 6C-5D, Southern Mid-Atlantic Ridge

Code	Station Name	AZ	Phase ID	Time h m s	Res
LIC	Lamto	21.66	28 eP	13 48 17.3	-0.2
LIC	Lamto	21.66	28 eP	13 48 17.9	+0.4
RCBR	Riachuelo	21.75	288 eP	13 48 18.8	+0.4
KIC	Kosan Bako	21.91	29 eP	13 48 17.5	-2.5
TIC	Toumoudi	22.04	28 eP	13 48 14.1	-7.2
DBIC	Dimboko	22.13	28 eP	13 48 19.4	-2.8
DBIC	Dimboko	22.13	28 eP	13 54 47.0	
DBIC	Dimboko	22.13	28 eP	13 48 18.4	-3.8
DBIC	Tsumeb	31.93	105 eP	13 48 29.9	
DBIC	Tsumeb	31.93	105 eP	13 49 51.5	-1.5
TSUM	Tsumeb	31.93	105 eP	13 59 37.9	
TSUM	Tsumeb	31.93	105 eP	13 49 52.2	-0.7
BDFB	Brasilia	31.97	261 pP	13 49 52.6	-0.7
BDFB	Brasilia	31.97	261 pP	14 00 31.6	
SUR	Sutherland	38.02	126 eP	13 50 45.2	+0.4
SUR	Sutherland	38.02	126 eP	13 50 42.7	-2.1
SUR	Sutherland	38.02	126 eP	13 50 42.7	-2.1
CPUP	Villa Florida	41.68	245 pP	13 51 13.9	-1.4
CPUP	Villa Florida	41.68	245 pP	13 51 15.5	+0.2
LSZ	Lusaka	41.97	98 pP	13 51 11.4	-6.4
LSZ	Lusaka	41.97	98 pP	13 51 11.4	-6.4
MBAR	Mbarara	47.07	78 pP	13 51 56.2	-2.7
SAML	Samunguwi	48.33	270 eP	13 52 01.0	+0.2
TRQA	Torunquist	48.39	230 pP	13 52 08.7	-0.1
EMIJ	Mijas	50.36	11 pP	13 52 23.0	-1.0
ESPR	Espera	50.47	10 pP	13 52 24.4	-0.4
ERON	Agron	50.98	12 pP	13 52 29.5	+0.8
ELOJ	Sierra Loja	51.04	11 pP	13 52 29.9	+0.8
EMIN	Mina Concepcio	51.23	9 pP	13 52 28.5	-2.1
LPZA	La Paz	52.28	260 eP	13 52 31.1	-0.2
LPZA	La Paz	52.28	260 eP	14 11 51.6	
LPZA	Luque	51.42	11 pP	13 52 31.7	-0.3
EUVO	Evora	51.80	7 pP	13 52 39.7	+4.6
EUVO	Evora	51.80	7 pP	13 52 35.5	+0.6
EQES	Quesada	51.89	12 pP	13 52 35.0	-0.6
EADA	Adamuz	51.95	11 pP	13 52 35.7	-0.4
EBAD	Badajoz	52.15	8 pP	13 52 37.2	-0.3
EMUR	La Murta	52.33	14 pP	13 52 40.7	+1.8
EVIA	Vianos	52.81	12 pP	13 52 42.6	+0.1
KMBO	Kilima Mbogo	53.17	81 pP	13 52 45.7	+0.1
KMBO	Kilima Mbogo	53.17	81 pP	14 11 02.0	
EBEN	Beniarra	53.39	14 pP	13 52 48.1	+1.4
ESDC	Sonsecra Array	53.53	11 pP	13 52 47.8	0.0
ESDC	Sonsecra Array	53.53	11 pP	14 15 42.6	
ESDC	Sonsecra Array	53.53	11 pP	13 52 47.2	-0.6
ESDC	Sonsecra Array	53.53	11 pP	13 52 55.2	+4.3
MTE	Manteigas	53.70	7 pP	13 52 47.1	-1.9
EIBI	Ibiza	54.09	16 pP	13 52 54.2	+2.3
EMOS	Mosqueruela	54.91	14 pP	13 52 58.7	+0.7
ETOR	Torete	55.00	12 pP	13 52 58.0	-0.6
ELOB	Lobios	55.09	6 pP	13 52 59.3	+0.1
STS	Santiago	56.05	6 pP	13 53 05.3	-0.8
EMAZ	Mazaricos	56.07	5 pP	13 53 06.1	-0.1
ESAC	San Caprasio	56.21	13 pP	13 53 07.0	-0.3
EPOB	Poblet	56.22	15 pP	13 53 07.2	-0.1
EPOB	Poblet	56.22	15 pP	13 53 09.8	-0.5
EMIR	Miracle	56.86	15 pP	13 53 12.4	+0.5
EARI	Ariandans	56.86	9 pP	13 53 12.4	+0.5
ELAN	Laneses	57.08	10 pP	13 53 13.7	+0.2
ETSF	Etsaut	57.31	13 eP	13 53 15.1	0.0
SJPF	St Jean	57.38	12 pP	13 53 15.5	-0.1
VAE	Valguarnera	57.46	28 pP	13 53 19.5	+3.3
MELF	Melles	57.58	14 pP	13 53 17.7	+0.7
LABF	Labassere	57.59	13 eP	13 53 16.7	-0.4
EPF	Esparrros	57.63	13 pP	13 53 17.4	0.0
VNA1	Neumayer-Stat	57.66	177 pP	13 53 24.7	+7.5
EJON	La Jonquera	57.71	16 pP	13 53 19.6	+1.7
MLS	Mouils	57.74	14 eP	13 53 18.7	+0.6
VNA2	Neumayer-Watz	57.97	177 pP	13 53 25.0	+5.6
VNA3	Neumayer Olymp	58.19	178 pP	13 53 28.4	+7.5
MTFL	Montlieu	58.37	15 eP	13 53 21.5	-1.0
SNA4	Sanae	59.00	176 pP	13 53 29.3	+2.8
SNA4	Sanae	59.00	176 pP	13 53 28.4	+1.9
SNA4	Sanae	59.00	176 pP	13 53 28.4	+1.9
SNA4	Sanae	59.00	176 pP	13 53 23.1	-3.4
SJG	San Juan	59.15	301 pP	13 53 30.8	+2.5
SJG	San Juan	59.15	301 pP	13 53 30.8	+2.5
SJG	San Juan	59.15	301 pP	13 53 30.8	+2.5

SJG	San Juan	59.15	301 pP	13 53 30.8	+2.5
SDV	Santo Domingo	59.32	289 pP	13 53 29.1	-0.5
LASF	Ste Croix	59.48	16 eP	13 53 29.6	-0.6
LFF	La Frestale	59.54	13 eP	13 53 30.1	-0.5
LMR	La Moure	59.55	18 eP	13 53 30.0	-0.7
PGF	Plogoff	59.65	20 eP	13 53 30.6	-0.8
FRF	La Foret Royal	59.80	18 eP	13 53 31.9	-0.5
CAF	Calvia	59.83	14 eP	13 53 31.8	-0.8
SMRF	Simiane la Rot	59.86	17 eP	13 53 32.8	-0.1
CALN	Calern	60.05	18 eP	13 53 34.1	0.0
RJF	Les Rejaudoux	60.06	13 eP	13 53 33.5	-0.7
RJF	Les Rejaudoux	60.06	13 eP	13 53 33.5	-0.7
MVIF	Mont Viel	60.26	18 eP	13 53 37.6	+2.0
AURF	Auriere	60.30	19 eP	13 53 36.5	+0.6
TOLF	Tolfa	60.31	23 eP	13 53 35.9	-0.1
SBL	Sospel	60.31	19 eP	13 53 35.4	-0.6
LBL	Lubilhac	60.40	15 eP	13 53 37.0	+0.5
VIVF	Saint-Julien-l-	60.42	16 eP	13 53 36.5	-0.2
AUTN	Autun	60.43	19 eP	13 53 37.1	+0.3
SAOF	Soarge	60.46	19 eP	13 53 37.1	+0.1
MRLC	Muro Lucano	60.63	26 eP	13 53 38.0	-0.1
ORIF	Oris-en-Rattie	60.61	17 eP	13 53 39.4	+0.1
ORIF	Oris-en-Rattie	60.61	17 eP	13 53 39.4	+0.1
PTQR	Pietraquaria	60.82	24 eP	13 53 41.4	+2.0
PYM	Petit Puy Mans	60.83	14 eP	13 53 40.0	+0.6
FIN	Finale Ligure	60.87	19 eP	13 53 40.3	+0.6
MBDF	Mantadon	60.90	18 eP	13 53 40.2	+0.3
MFF	Saint Martin d	60.94	12 eP	13 53 39.5	-0.7
AQU	L'Agulia	61.10	24 eP	13 53 40.8	-0.5
TCF	Toulx Ste Croi	61.15	14 eP	13 53 41.4	-0.2
BNI	Baronecchia	61.16	17 pP	13 53 37.2	-4.5
BDFI	Bagni Di Lucca	61.53	21 eP	13 53 43.6	-0.6
BGF	Bois d'Agland	61.55	14 eP	13 53 43.9	-0.4
LPG	La Plagne	61.59	17 eP	13 53 44.7	+0.1
LQL	La Plagne	61.60	17 eP	13 53 45.1	+0.4
QUIP	Quintin	61.68	9 pP	13 53 44.7	-0.5
ERBM	Eremo	61.78	21 eP	13 53 45.8	+2.5
SMF	Signal de Mont	61.87	15 eP	13 53 46.0	-0.5
AVF	Avril-sur-Loir	61.89	14 eP	13 53 46.2	-0.4
ARV	Arcevia	61.89	23 eP	13 53 49.7	+3.0
BST	Brest	61.92	8 eP	13 53 38.5	-8.3
ROSF	Rostrenen	62.07	9 eP	13 53 47.5	-0.3
SGMF	Saint Gilles	62.10	9 eP	13 53 47.1	-0.9
SSF	Saint Saulte	62.18	14 eP	13 53 48.1	-0.4
CABF	La Chapelle	62.42	16 eP	13 53 49.5	-0.7
LOR	Lormes	62.46	14 eP	13 53 49.8	-0.6
LOR	Lormes	62.46	14 eP	13 53 49.8	-0.6
GRR	Gorron	62.52	11 eP	13 53 50.4	-0.4
LDF	La Druitiere	62.55	11 eP	13 53 52.6	-0.4
FLN	La Foliniere	62.95	11 eP	13 53 52.8	-0.8
LOMF	Lomont	63.30	17 eP	13 53 57.7	+1.7
BRMO	Bormio	63.55	19 eP	13 53 59.4	+1.6
BBS	Basel-Blauen	63.60	21 eP	13 53 57.9	0.0
CTI	Castel Tesino	63.63	20 eP	13 53 59.4	+1.3
HNF	Hinteralfeld	63.74	16 eP	13 53 57.8	-1.0
HAU	Haudompre	63.77	16 eP	13 53 58.2	-0.9
HAU	Haudompre	63.77	16 eP	13 53 58.2	-0.9
MOF	Molkenrain	63.85	16 eP	13 53 58.8	-0.8
THEF	Theif Jontf	63.88	16 eP	13 54 01.0	+0.3
MEZF	Matzieres Jv	63.90	15 eP	13 53 59.5	-0.4
FEID	Feldberg	64.11	17 eP	13 54 01.2	-0.1
OTAV	Otavallo	64.15	27 pP	13 54 05.4	+3.3
KNDS	Knezdol	64.16	23 eP	13 54 03.0	+1.3
SKO	Skopje	64.31	30 pP	13 54 02.0	-0.7
GNMA	Gemona	64.38	21 eP	13 54 03.3	+0.2
CDF	Champ du Feu	64.40	16 eP	13 54 02.1	-1.0
VOY	Vojsko	64.42	22 eP	13 54 03.3	0.0
WLS	Weischbruch	64.42	16 eP	13 54 02.9	-0.4
ROB	Roble	64.45	22 eP	13 54 03.5	0.0
BOJS	Bojanci	64.47	23 eP	13 54 03.5	-0.2
FVI	Forni Avoltri	64.50	21 pP	13 54 04.0	+0.2
SPAK	Spaichingen	64.52	17 eP	13 54 04.0	-1.1
BFO	Black Forest	64.62	17 pP	13 54 01.2	-3.4
LJU	Ljubljana	64.92	22 eP	13 54 05.4	+0.5
LANF	Langenberg	65.06	16 pP	13 54 07.0	-0.4
MMB	Musomiste	65.15	31 pP	13 54 08.5	+0.4
BAIF	Baives	65.15	14 pP	13 54 07.1	-0.9
WLF	Walferdange	65.25	15 eP	13 54 05.9	-2.7
DIVS	Divcibare	65.29	27 pP	13 54 09.0	0.0
GIVF	Givet	65.33	11 pP	13 54 08.3	-0.9
GROS	Grobnik	65.37	23 eP	13 54 10.0	+0.5
PERS	Pernice	65.37	22 eP	13 54 09.9	+0.4
GRUS	Grusze	65.45	28 pP	13 54 10.2	+0.2
RRP	Ruppelstein	65.52	16 pP	13 54 10.5	+0.1
SYO	Syowa Base	65.59	161 pP	13 54 06.1	-4.4
SYO	Syowa Base	65.59	161 pP	13 54 11.9	-1.8
VTS	Vitoshka	65.64	30 pP	13 54 12.0	+0.8
PBG	Belgrade	66.06	27 pP	13 54 14.6	+0.7
PBO	Panagyurishte	66.08	31 pP	13 54 16.3	+2.2
HGN	Helmingsroep	66.21	14 eP	13 54 14.7	-0.1
PKSM	Merag	66.45	25 eP	13 54 16.5	+0.5
GRA1	Grafenberg Arr	66.69	18 eP	13 54 17.3	-0.5
GRA1	Grafenberg Arr	66.69	18 eP	13 54 17.3	-0.5
GERES	GERES Array B	66.75	20 pP	13 54 18.1	-0.1
GERES	GERES Array B	66.75	20 pP	13 56 45.8	-1.4
GERES	GERES Array B	66.75	20 pP	13 54 18.1	-0.1
GERES	GERES Array B	66.75	20 pP	13 56 45.8	-1.4
KHC	Kasperske Hory	66.95	20 eP	13 54 19.0	-0.5
KHC	Kasperske Hory	66.95	20 eP	14 19 00.0	
WTSB	Winterswijk	67.53	14 eP	13 54 23.2	+0.1
NKC	Novy Kostel	67.55	19 eP	13 54 23.6	+0.3
NKC	Novy Kostel	67.55	19 eP	14 23 20.0	
ESKT	Ekiskehir	67.60	37 pP	13 54 23.9	+0.1
MOX	Moxa	67.65	18 eP	13 54 23.9	0.0
MOX	Moxa	67.65	18 eP	14 24 41.0	
MOX	Moxa	67.65	18 eP	13 54 23.9	0.0
MOX	Moxa	67.65	18 eP	13 54 23.9	0.0

MOX	Moxa	67.65	18 eP	13 54 23.9	0.0
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Table with columns: Station Name, Time, Azimuth, Elevation, P, S, M, L, R, and other parameters. Includes stations like Baotou, Songino Array, Yakutsk, Lanzhou, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, S, M, L, R, and other parameters. Includes stations like WRAB, WBR, WRA, MCK, ILAR, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, S, M, L, R, and other parameters. Includes stations like CRVS, ULM, KECS, etc.

JMA 28 15:21:38.3; 0.5, 32.29N; 141.78E, h28km, M3.5
IDC 28 15:21:43.1; 2.3, 31.89N; 140.47E, mb3.6, M3.7, 7/77,
JFK 1.9m, 0.5m, 3.22, ML3.31, Error ellipse: s-maj=102.0km
s-min=14.2km az=69.0

ISC 28 15:21:39.8; 2.5, 32.47N; 0.06; 141.8E; 0.1, h23km, 21km,
n23, c090/26, mb3.7G, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, M, L, R, Time, Res, Hms, ISC. Includes stations like JHJ2, JHJ, BSO1, etc.

IDC 28 15:29:51.4; 0.3, 52.42S; 28.12E, mb5.5/22, mb1 5.6/22,
mb1mx5.6/22, MS6.0/18, Ms1 6.0/18, ms1mx5.8/21, Error
ellipse: s-maj=12.2km s-min=8.0km az=47.0, Putative
timing error at ZAL
BUJ 28 15:29:53.8, 52.50S, 28.00E, h10km, mb6.2, mb6.2, Ms6.2,
Ms2.9
NEIC 28 15:29:53.8; 0.1, 52.52S; 28.02E, h10km, mb6.9/68, Me6.8,
Ms6.0/104, MW6.3, Error ellipse: s-maj=5.9km
s-min=4.7km az=82.0, Moment Tensor Solution, s15
Moment tensor: Sca2 1018N; Mw: 0.34; Mw: 2.65;
Ms: 2.99; Mw: 0.26; Ms: 1.69; Mw: 0.68; Best double
couple: M3.4x10^18 NP1: 30, 88, -1.74; NP2: 29, 89,
88, -1.8; Principal axes: T. 3.12, P1g1*, Azm345; N. 47,
Plg79, Azm82; P. -3.59, Plg10*, Azm254; Broadband
fault plane solution: P waves. NP1: 205, 88, -1.80;
NP2: 115, 89, -1.5; Principal axes: T Plg4*, Azm160;
N Plg0; Azm0; P Plg4*, Azm70; Depth from synthetics
of broadband displacement seismograms. Energy
computed from BB mechanism.
HRVD 28 15:29:53.8; 0.1, 52.44S; 28.59E, h12km, MW6.3/79,
Centroid moment Tensor Solution. LP body waves:
s79,c191; Mantle waves: s73,c146; Half duration: 3/6

28d 15h

Moment tensor: Scale 10^18Nm; M1:0.20±0.02; M2:0.69±0.03; M3:0.24±0.03; M4:0.14±0.07; M5:0.85±0.03; M6:0.27±0.07; Best double couple: M3:0.86±0.10; NP1: 0±111°, 865°, 10°; NP2: 211°, 890°, 175°; Principal axes: T: 3.97, Plg3: Azm336°; N: -21, Plg85°; Azm199°; P: -3.75, Plg3°; Azm66°; nst1 refers to body waves, cutoff=40s. nst2 refers to mantle waves, cutoff=125s.
SYO 28 15:29:53.7, 52.44±27.99E, h10km, MBS, 9, MS6.0
MOS 28 15:29:58.8, 1.9, 52.12±29.50E, h33km, mb5.8/25, MS6.0/26, Error ellipse: s-maj=28.5km s-min=9.8km

DUSS 28 15:30:13.6, 0.3, 48.92±27.95E, h15km, MS7.3
ISC 28 15:29:52.6, 0.1, 52.50±0.03, 28.05E, 0.07, h10km, (h8km, 1, 1km, pp-P) n730, c0997386, mb5.8/89, MS6.0/138, 45C-33D, South of Africa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, ISC. Lists various seismic stations and their associated data points.

2004 SEP

Main table of seismic events with columns: LPA, Name, Time, Magnitude, Depth, Location, Quality, etc. Lists numerous earthquakes from September 2004.

680

Table of seismic events with columns: Name, Time, Magnitude, Depth, Location, Quality, etc. Lists additional seismic events.

Table with columns for flight codes (e.g., SCHO, FRB, KIWB), destinations (e.g., Schefferville, Frobisher Bay, Kanaga Island), times, and status indicators.

Table with columns for flight codes (e.g., YSS, SAML, KWAJ), destinations (e.g., Yuzh-Sakhalins, Kwajalein Atol, Asahikawa), times, and status indicators.

Table with columns for flight codes (e.g., BST, FINES, QUIF), destinations (e.g., Brest, FINESS Array B, Quistinic), times, and status indicators.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KIS, URZ, SKO, MKAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FITZ, SBA, TRIS, QSPA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PDAR, TXAR, ULM, DLBC, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like LLP, LKP, KCP, DCPH, etc.

LDG 28 17:53:45.4±1.5, 42.84N±1.45W, h2km, Md2, 1/2, M2.0/1, Error ellipse: s-maj=28.8km s-min=17.5km az=56.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like Ste Jean, EALK, ETSF, etc.

STR 28 17:54:32.9±0.3, 42.83N±1.45W, h5km, 1km, M2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 28 17:54:34.0±0.4, 42.87N±1.39W, h7km, Md2, 9/2, M2.6/8, Error ellipse: s-maj=6.6km s-min=3.9km az=31.0

NEIC 28 17:54:34.4, 42.87N±1.39W, h7km, ML2.6(LDG), ML2.5(STR), M2.0(MDD), After LDG.

MDD 28 17:54:34.2±0.3, 42.86N±1.40W, h6km, 3km, mBLg2.0/11, Error ellipse: s-maj=2.9km s-min=2.1km az=27.0, PRXIMO

ISC 28 17:54:32.4±0.4, 42.87N±0.02±1.45W±0.03, h13km±2km, 142±19±127.5, Pyrenees

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like Ste Jean, EALK, LARF, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like Labassere, Ens, Esparros, ESAC, etc.

JMA 28 18:05:43.9±0.5, 32.08N±142.31E, h45km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like Mitsune, Boso, Hitachi, etc.

BUI 28 18:27:59.8, 52.05N±175.62W, h50km, mB4.9, mB5.0, Ms2.2, Ms2.0

MOS 28 18:28:02.3±1.1, 51.99N±176.04W, h51km, mB4.5/11, Error ellipse: s-maj=16.9km s-min=10.9km az=93.9

IDC 28 18:28:03.5±0.4, 51.98N±176.16W, h48km±3km, mB4.3/25, mB1.4/5/26, mB1mx4.4/29, Error ellipse: s-maj=15.0km s-min=8.8km az=155.0

HRVD 28 18:28:03.2±0.9, 51.64N±176.35W, h41km±2km, MW5.2/20, Centroid moment Tensor Solution. LP body waves: s22, c22, mantle waves: s19, c23; Half duration: 190

NEIC 28 18:28:03.2±0.2, 51.62N±175.98W, mB4.8/61, MS4.7/4, ML5.0(AE/C) Error ellipse: s-maj=6.5km s-min=3.2km az=179.0

ISC 28 18:28:04.2±0.3, 51.88N±0.05±176.02W±0.03, h67km±2km, h45km±6km±p-P, 68N±9, c098/246, mB4.7/87, 9C-4D, Andean/O Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like GSIG, GSTR, GSDT, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like PET, RSO, SPU, SLKM, PMR, SML, IMA, MCK, DIV, COLA, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ASAJ Asahikawa, LZH Lanzhou, etc.

MDD 28 18:54:40.2, 0.3, 41.48Nk: 7.86W, mbLg1.2/8, Error ellipse: s-maj=4.9km s-min=2.2km az=68.0, PRXIMO

INMG 28 18:54:40.2, 1.1, 41.49Nk: 7.85W, ML1.0, Error ellipse: s-maj=4.1km s-min=1.6km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVRL Vila Real, ELOB Lobios, PVIS Viseu, etc.

STR 28 18:59:03.0, 0.5, 42.87Nk: 1.44W, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 28 18:59:03.9, 0.5, 42.86Nk: 1.38W, h3km, 8km, mbLg1.5/5, Error ellipse: s-maj=3.5km s-min=2.8km az=40.0, PRXIMO

LDG 28 18:59:04.0, 0.7, 42.90Nk: 1.41W, h7km, M2.5/2, M10.2, Error ellipse: s-maj=11.8km s-min=6.6km az=57.0

ISC 28 18:59:02.0, 0.6, 42.88Nk: 0.04k: 1.42W, 0.04, h7km, 6km, n18, c0574/34, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJPF Ste Jean, LARF Larrau, EALK Alkuruntz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETOR 1.2nm, 0.2s, SNR=7.9, MTLF Moutoules, etc.

ISK 28 19:11:08.8, 38.25Nk: 25.22E, h5km, MD3.2, ATH 28 19:11:09.7, 38.38Nk: 25.45E, h63km, 1.4km, ML3.2

ISC 28 19:11:04.0, 4.6, 38.25Nk: 0.06: 25.30E: 0.5, h5km, n7, c0927/11, Aegean Sea

IDC 28 19:18:40.5, 1.6, 25.83S: 69.62E, mb3.8/8, mb1 3.8/8, mb1mx3.7/17, Error ellipse: s-maj=57.1km s-min=23.0km az=40.0

NEIC 28 19:18:42.5, 0.7, 25.74S: 69.71E, h10km, mb4.1/3, Error ellipse: s-maj=26.4km s-min=13.7km az=199.0

ISC 28 19:18:40.7, 0.9, 25.75S: 0.2: 69.8E: 0.1, h10km, n13, c0778/13, mb3.8/11, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSZ Lusaka, MBAR Mbarara, CMAR Chiang Mai Arr, etc.

IDC 28 19:18:44.5, 2.7, 12.74Nk: 57.47E, mb3.7/5, mb1 3.9/5, mb1mx3.6/19, Error ellipse: s-maj=67.6km s-min=33.1km az=53.0

NEIC 28 19:18:46.0, 1.8, 12.75Nk: 57.47E, h10km, mb3.9/1, Error ellipse: s-maj=44.1km s-min=20.7km az=53.0

ISC 28 19:18:44.3, 2.4, 12.8Nk: 0.3: 57.4E: 0.4, h10km, n7, c0526/7, mb3.6/6, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, ZRKN Zenda, etc.

BUI 28 19:25:00.5, 52.40S: 26.60E, h10km, mb5.6, mb5.7, M2.5/3

IDC 28 19:25:01.1, 0.5, 52.62S: 26.49E, mb5.0/16, mb1 5.1/16, mb1mx5.1/16, MS4.6/15, Ms1 4.6/15, ms1mx4.5/24, Error ellipse: s-maj=18.8km s-min=12.1km az=57.0

NEIC 28 19:25:02.5, 0.1, 52.43S: 26.56E, h10km, mb5.3/37, MS4.8/30, Error ellipse: s-maj=7.5km s-min=6.3km az=49.0

HRVD 28 19:25:02.5, 0.3, 52.59S: 26.62E, h12km, MW5.2/59, Centroid moment Tensor Solution. LP body waves: s38, c53, Mantle waves: s59, c97; Half duration: 150

SYO 28 19:25:02.4, 52.41S: 26.57E, h10km, MB5.3, MS4.8, ISC 28 19:25:01.2, 0.2, 52.63S: 0.05: 26.3E: 0.1, h10km, n183, c113/102, mb5.2/51, MS4.7/41, 8C-6D, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SYO Syowa Base, SNAU Sanae, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CASY Casey, PMSA Palmer Station, SBA Scott Base, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pioggia, La Moure, Montlieux, Etsaut, Oris-ent-Rattie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELK Elko, Old Mammoth Mt, Minv, etc.

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

WVT		e	LR	pP	21 41 39.5	-2.8
WVT	comp=Z,1um,20.0s,MS5.0					
MIAR	Mount Ida	53.05 340	PFAKE	LR	21 41 50.0	+15
MIAR	comp=Z,1um,21.0s,MS4.9					
CBN	Corbin	53.59 357	PFAKE	LR	21 41 50.0	+12
CBN	comp=Z,1um,22.0s,MS5.3					
WCI	Wyandotte Cave	54.67 349	eP	P	21 41 44.8	-1.6
WCI	comp=Z,130nm,0.8s,mb5.0					
WCI	comp=Z,2um,20.0s,MS5.2					
WCI	Wyandotte Cave	54.67 349	eP	P	21 41 44.8	-1.6
WCI	comp=Z,134nm,0.8s,mb5.0					
WCI	comp=Z,2um,20.0s,MS5.2					
WMOK	Wichita Mounta	55.10 336	eP	P	21 41 47.8	-1.8
WMOK	comp=Z,33nm,1.6s,mb5.1					
WMOK	comp=Z,1um,21.0s,MS5.0					
WMOK	Wichita Mounta	55.10 336	eP	P	21 41 47.8	-1.8
WMOK	comp=Z,33nm,1.6s,mb5.1					
MCWV	Mont Chateau	55.20 355	PFAKE	LR	21 42 00.0	+10
MCWV	comp=Z,3um,22.0s,MS5.3					
CLNB	Carlsbad	55.26 330	eP	P	21 41 50.9	+0.1
CLNB	comp=Z,3um,22.0s,MS5.3					
FVM	French Village	55.35 345	eP	P	21 41 49.4	-2.0
FVM	comp=Z,47nm,1.0s,mb5.5					
FVM	French Village	55.35 345	eP	P	21 41 49.4	-2.0
FVM	comp=Z,47nm,1.0s,mb5.5					
FVM	Guadalupe Moun	55.44 329	eP	P	21 41 51.7	-0.4
FVM	comp=Z,47nm,1.0s,mb5.5					
GDL2	Bloomington	55.62 349	eP	P	21 41 51.7	-1.6
GDL2	comp=Z,35nm,0.6s,mb5.6					
BLO	Bloomington	55.62 349	eP	P	21 41 51.7	-1.7
BLO	comp=Z,35nm,0.6s,mb5.6					
BLO	Cathedral Cave	55.63 344	eP	P	21 42 00.1	-1.5
BLO	comp=Z,33nm,0.6s,mb5.6					
CCM	Cathedral Cave	55.63 344	eP	P	21 42 00.1	-1.6
CCM	comp=Z,62nm,1.3s,mb5.5					
CCM	comp=Z,2um,20.0s,MS5.1					
CCM	Cathedral Cave	55.63 344	eP	P	21 41 51.7	-1.7
CCM	comp=Z,62nm,1.3s,mb5.5					
CCM	comp=Z,2um,20.0s,MS5.1					
SSPA	Standing Stone	56.04 357	eP	P	21 41 55.7	-0.6
SSPA	comp=Z,2um,20.0s,MS5.1					
SSPA	Standing Stone	56.04 357	eP	P	21 42 03.9	-0.8
SSPA	comp=Z,86nm,1.3s,mb5.6					
ACSO	Alum Creek Sta	56.10 352	eP	P	21 41 55.5	-1.2
ACSO	comp=Z,2um,20.0s,MS5.2					
ACSO	Alum Creek Sta	56.10 352	eP	P	21 42 03.6	-1.5
ACSO	comp=Z,72nm,0.9s,mb5.7					
RKT	Rikitea	57.13 252	eS	S	21 49 49.3	-6.6
RKT	comp=Z,3um,20.0s,MS5.3					
RKT	Rikitea	57.13 252	eS	S	21 54 59.6	
RKT	comp=Z,524nm,36.8s					
RKT	comp=Z,1um,41.2s					
BRYW	Bryant College	57.30 3	eP	P	21 58 56.1	
BRYW	comp=Z,95nm,0.9s,mb5.8					
BRYW	Bryant College	57.30 3	eP	P	21 42 04.5	-0.8
BRYW	comp=Z,95nm,0.9s,mb5.8					
BINY	Binghamton	57.53 359	eP	P	21 42 13.3	-0.4
BINY	comp=Z,102nm,1.1s,mb5.8					
BINY	Binghamton	57.53 359	eP	P	21 42 06.4	-0.5
BINY	comp=Z,102nm,1.1s,mb5.8					
BINY	comp=Z,2um,21.0s,MS5.2					
BINY	Weston	57.78 3	PFAKE	LR	21 42 20.0	+11
BINY	comp=Z,2um,21.0s,MS5.2					
WES	Weston	57.78 3	PFAKE	LR	21 42 20.0	+11
WES	comp=Z,2um,21.0s,MS5.2					
HRV	Harvard-Oak R	57.89 3	eP	P	21 42 09.0	-0.4
HRV	comp=Z,2um,20.0s,MS5.2					
HRV	Harvard-Oak R	57.89 3	eP	P	21 42 17.8	0.0
HRV	comp=Z,61nm,1.1s,mb5.5					
HRV	comp=Z,2um,20.0s,MS5.2					
HRV	Harvard-Oak R	57.89 3	eP	P	21 42 08.9	-0.4
HRV	comp=Z,61nm,1.2s,mb5.5					
HRV	comp=Z,2um,20.0s,MS5.2					
HRV	Barren Site	58.13 329	eP	P	21 42 10.7	-0.5
HRV	comp=Z,2um,20.0s,MS5.2					
BNM	Barren Site	58.13 329	eP	P	21 42 19.6	0.0
BNM	comp=Z,2um,20.0s,MS5.2					
GENY	Geneseo	58.16 357	eP	P	21 42 11.0	-0.3
GENY	comp=Z,2um,20.0s,MS5.2					
GENY	Geneseo	58.16 357	eP	P	21 42 19.4	-0.3
GENY	comp=Z,2um,20.0s,MS5.2					
KSU1	Kansas State U	58.19 340	eP	P	21 42 09.9	-1.7
KSU1	comp=Z,2um,20.0s,MS5.2					
KSU1	Los Pinos Moun	58.26 329	eP	P	21 42 18.5	-1.5
KSU1	comp=Z,2um,20.0s,MS5.2					
LPM	Lemitar	58.32 329	eP	P	21 42 12.0	-0.1
LPM	comp=Z,2um,20.0s,MS5.2					
LENM	Lemitar	58.32 329	eP	P	21 42 13.8	+1.3
LENM	comp=Z,2um,20.0s,MS5.2					
LAZ	Ladron	58.59 329	eP	P	21 42 20.7	-0.3
LAZ	comp=Z,2um,20.0s,MS5.2					
ANMO	Albuquerque	58.69 329	eP	P	21 42 14.3	-0.8
ANMO	comp=Z,2um,20.0s,MS5.2					
ANMO	Albuquerque	58.69 329	eP	P	21 42 23.1	-0.5
ANMO	comp=Z,50nm,0.9s					
ANMO	Albuquerque	58.69 329	eP	P	21 42 14.3	-0.8
ANMO	comp=Z,50nm,0.9s,mb5.5					
ANMO	Albuquerque	58.69 329	eP	P	21 42 23.1	-0.5
ANMO	comp=Z,50nm,0.9s					
ACCN	Adirondack Com	58.71 1	eP	P	21 42 14.8	-0.3
ACCN	comp=Z,2um,20.0s,MS5.3					
ACCN	Adirondack Com	58.71 1	eP	P	21 42 23.7	+0.1
ACCN	comp=Z,2um,20.0s,MS5.3					
TRIS	Tristan da Cun	58.73 124	PFAKE	LR	21 42 30.0	+15
TRIS	comp=Z,2um,21.0s,MS5.1					
TUC	Tucson	58.92 324	eP	P	21 42 16.3	-0.5
TUC	comp=Z,2um,20.0s,MS5.2					
TUC	Tucson	58.92 324	eP	P	21 42 24.9	-0.3
TUC	comp=Z,28nm,0.8s,mb5.3					
TUC	Tucson	58.92 324	eP	P	21 42 16.3	-0.4
TUC	comp=Z,3um,19.0s,MS5.4					
TUC	Tucson	58.92 324	eP	P	21 42 24.9	-0.4
TUC	comp=Z,28nm,0.8s,mb5.3					
HNH	Hanover	59.06 2	P	P	21 42 17.1	-0.4
HNH	comp=Z,3um,19.0s,MS5.4					
HNH	Hanover	59.06 2	P	P	21 42 26.4	+0.4
HNH	comp=Z,3.2nm,1.1s					
NCB	Newcomb	59.29 0	eP	P	21 42 18.9	-0.2
NCB	comp=Z,2um,21.0s,MS5.1					
NCB	Newcomb	59.29 0	eP	P	21 42 27.3	-0.4
NCB	comp=Z,50nm,1.2s,mb5.4					
NCB	Newcomb	59.29 0	eP	P	21 42 27.3	-0.4
NCB	comp=Z,50nm,1.2s,mb5.4					
LOZ	Lake Ozonia	59.94 0	eP	P	21 42 21.8	-1.8
LOZ	comp=Z,1um,21.0s,MS5.1					
LOZ	Lake Ozonia	59.94 0	eP	P	21 42 30.9	-1.2
LOZ	comp=Z,1um,21.0s,MS5.1					
JFWS	Jewell Farm	59.99 347	PFAKE	LR	21 42 40.0	+16
JFWS	comp=Z,2um,21.0s,MS5.2					
JFWS	Jewell Farm	59.99 347	PFAKE	LR	21 42 40.0	+16
JFWS	comp=Z,2um,21.0s,MS5.2					
WVL	Waterville	60.05 4	PFAKE	LR	21 42 40.0	+16
WVL	comp=Z,2um,21.0s,MS5.2					
WVL	Waterville	60.05 4	PFAKE	LR	21 42 40.0	+16
WVL	comp=Z,2um,21.0s,MS5.2					
MSNY	Massena	60.32 360	eP	P	21 42 25.2	-0.9
MSNY	comp=Z,3um,20.0s,MS5.8					
EMMW	East Machias	60.38 6	PFAKE	LR	21 42 40.0	+13
EMMW	comp=Z,3um,20.0s,MS5.8					
SDCO	Great Sand Dun	60.51 332	eP	P	21 42 27.2	-0.4
SDCO	comp=Z,5um,22.0s,MS5.6					
SDCO	Great Sand Dun	60.51 332	eP	P	21 42 35.2	-0.8
SDCO	comp=Z,123nm,1.0s,mb5.0					
SDCO	Great Sand Dun	60.51 332	eP	P	21 42 35.2	-0.8
SDCO	comp=Z,123nm,1.0s,mb5.0					
SDCO	Great Sand Dun	60.51 332	eP	P	21 42 35.2	-0.8
SDCO	comp=Z,123nm,1.0s,mb5.0					

RW3	Ridgway	61.92 331	eP	P	21 42 37.3	+0.1
RW3	comp=Z,2um,20.0s,MS5.0					
ISCO	Idaho Springs	62.25 333	eP	P	21 42 45.6	-0.1
ISCO	comp=Z,64nm,1.2s,mb5.6					
ISCO	Idaho Springs	62.25 333	eP	P	21 42 39.1	-0.2
ISCO	comp=Z,64nm,1.3s,mb5.6					
ISCO	Idaho Springs	62.25 333	eP	P	21 42 47.1	-0.7
ISCO	comp=Z,64nm,1.3s,mb5.6					
ISCO	Idaho Springs	62.25 333	eP	P	21 42 39.1	-0.2
ISCO	comp=Z,64nm,1.3s,mb5.6					
ISCO	Idaho Springs	62.25 333	eP	P	21 42 47.1	-0.8
ISCO	comp=Z,64nm,1.3s,mb5.6					
PQI	Presque Isle	62.27 5	PFAKE	LR	21 42 50.0	+11
PQI	comp=Z,1um,21.0s,MS5.1					
PQI	Presque Isle	62.27 5	PFAKE	LR	21 42 50.0	+11
PQI	comp=Z,1um,21.0s,MS5.1					
BAR	Barrett	62.65 320	eP	P	21 42 42.5	+0.4
BAR	comp=Z,19.0s,MS5.9					
BAR	Barrett	62.65 320	eP	P	21 42 50.1	-0.5
BAR	comp=Z,19.0s,MS5.9					
PFO	Pinyon Flat Ob	63.16 321	eP	P	21 42 45.4	0.0
PFO	comp=Z,54nm,0.9s,mb5.7					
PFO	Pinyon Flat Ob	63.16 321	eP	P	21 42 54.0	+0.1
PFO	comp=Z,54nm,0.9s,mb5.7					
PFO	Pinyon Flat Ob	63.16 321	eP	P	21 42 45.4	0.0
PFO	comp=Z,54nm,0.9s,mb5.7					
PFO	Pinyon Flat Ob	63.16 321	eP	P	21 42 54.0	+0.1
PFO	comp=Z,54nm,0.9s,mb5.7					
PFO	Pinyon Flat Ob	63.16 321	eP	P	21 42 45.4	0.0
PFO	comp=Z,54nm,0.9s,mb5.7					
NEN	Nelson	63.66 324	eP	P	21 42 48.8	+0.1
NEN	comp=Z,625nm,22.0s,MS4.7					
NEN	Nelson	63.66 324	eP	P	21 42 56.7	-0.5
NEN	comp=Z,625nm,22.0s,MS4.7					
SRU	San Rafael	63.96 329	eP	P	21 42 50.5	-0.2
SRU	comp=Z,1um,21.0s,MS5.0					
SRU	San Rafael	63.96 329	eP	P	21 42 59.1	-0.1
SRU	comp=Z,1um,21.0s,MS5.0					
MSU	Marysvalde	64.33 328	eP	P	21 42 53.1	0.0
MSU	comp=Z,1um,21.0s,MS5.0					
MSU	Marysvalde	64.33 328	eP	P	21 43 01.7	+0.1
MSU	comp=Z,1um,21.0s,MS5.0					
MVU	Marysvalde	64.34 328	eP	P	21 42 53.9	+0.7
MVU	comp=Z,47nm,1.0s,mb5.5					
MVU	Marysvalde	64.34 328	eP	P	21 43 01.9	+0.3
MVU	comp=Z,47nm,1.0s,mb5.5					
TMUT	Trail Mountain	64.44 329	eP	P	21 42 54.5	+0.7
TMUT	comp=Z,4um,19.0s,MS5.6					
TMUT	Trail Mountain	64.44 329	eP	P	21 43 02.8	+0.4
TMUT	comp=Z,4um,19.0s,MS5.6					
ARUT	Antelope Range	64.45 327	eP	P	21 42 55.2	+1.2
ARUT	comp=Z,4um,19.0s,MS5.6					
ARUT	Antelope Range	64.45 327	eP	P	21 43 03.4	+1.0
ARUT	comp=Z,4um,19.0s,MS5.6					
MWC	Mount Wilson	64.55 321	eP	P	21 42 55.2	+0.6
MWC	comp=Z,4um,19.0s,MS5.6					
MWC	Mount Wilson					

Table with columns for station name, frequency, power, and signal strength. Includes stations like YBHA, YBHB, YBHC, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YKA, YKB, YKC, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YLD, YLE, YLF, etc.

az=66.0
 NEIC 29 00:27:42.6:1.1, 20.84N-121.66E, h67km, mb4.6/19, Error ellipse: s-maj=11.8km s-min=5.6km az=63.0
 BUJ 29 00:27:43.3:21.07N-121.60E, h67km, mb4.3, mb4.4, ML4.6, Ms3.9, Msz3.9
 JMA 29 00:27:45.6:0.4, 21.06N-121.94E, h114km, ML4.5
 MAN 29 00:27:46.1, 20.80N-121.63E, h48km, mb4.9, ML3.8, MS3.8
 ISC 29 00:27:42.6:0.3, 20.98N-121.72E-0.04, h86km, 3km, n84, r128/104, mb4.4/32, 1C-7D, Philippine Islands region

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
BBP	Basco	0.58	157	eP	P	00 29 57.0+1.2	
BBP				eS	P	00 28 09.6+0.6	
SGCP	Mt. Cagua	2.74	173	eP	P	00 28 26.3+0.8	
SGCP				eS	P	00 28 56.5+1.0	
PIP	Pasquin	2.83	202	iP	P	00 28 26.0-0.8	
PIP				iS	P	00 28 56.6-1.4	
APYP	Conner	3.13	188	eP	P	00 28 31.7+0.8	
APYP				eS	P	00 29 05.6-1.7	
CVP	Callao Caves	3.26	178	eP	P	00 28 34.0+1.3	
CVP				eS	P	00 29 12.0+1.5	
ABRA	Dolores	3.44	196	eP	P	00 28 35.6+0.4	
ABRA				eS	P	00 29 14.2-0.9	
HATJ	Hateruma jima	3.62	32	eP	P	00 28 38.1+0.4	
HATJ				eS	P	00 29 19.1-0.4	
YOJ	Yonaguni jima	3.67	19	eP	P	00 28 39.5+1.2	
YOJ				eS	P	00 29 20.3-0.3	
IRIF	Iriomote-Funau	3.82	29	eP	P	00 28 41.6+1.1	
IRIF				eS	P	00 29 24.2-0.3	
JKRS	Kuro-shima	3.87	33	eP	P	00 28 42.1+0.9	
JKRS				eS	P	00 29 25.5-0.3	
JPAL	Palanan	3.95	170	eP	P	00 28 48.5+6.2	
JPAL				eS	P	00 29 33.3+5.7	
TATO	Taipai	3.98	357	eP	P	00 28 48.8+1.1	
CAUP	Cauayan	4.01	179	eP	P	00 28 46.5+3.4	
CAUP				eS	P	00 29 30.6+1.4	
JJI	Ishigaki jima	4.05	33	eP	P	00 28 43.8+0.2	
JJI				eS	P	00 29 28.3-1.7	
JTJ	Tarama	4.57	36	eP	P	00 28 51.0+0.2	
JTJ				eS	P	00 29 41.9-1.1	
BCPH	Baguio City Da	4.70	193	iP	P	00 28 53.6+1.1	
BCPH				iS	P	00 29 44.4-1.8	
BOLP	Bolinao	4.88	201	eP	P	00 28 57.1+2.0	
BOLP				eS	P	00 29 47.4+1.8	
OZH	Quanzhou	4.89	324	iP	P	00 28 52.8-2.4	
OZH				iS	P	00 29 44.0-6.9	
OZH	comp=N,390nm,0.3s			Smax			
OZH	comp=E,430nm,0.5s			Smax			
BALP	Baler	5.21	182	eP	P	00 29 00.2+0.6	
BALP				eS	P	00 29 59.2+0.3	
SCZP	Santa Cruz	5.45	199	eP	P	00 29 08.5+5.7	
SCZP				eS	P	00 30 07.4+2.6	
JKE	Kume jima 2	7.07	40	eP	P	00 29 23.6-1.6	
GZH	Guangzhou	8.05	287	eP	P	00 29 36.0-2.6	
GZH				Smax			
GZH	comp=N,274nm,0.6s			Smax			
JOW	Kunigami	8.36	45	eP	P	00 29 42.2-0.7	
JOW				eS	P	00 29 42.2-0.7	
JOW	comp=E,181nm,0.3s,baz=211,slow=10,SNR=11			LR		00 33 18.7	
QIZ	Qiongzong	11.33	262	eP	LR	00 30 22.3-0.8	
QIZ				LR			
WHN	Wuhan	11.61	327	iP	P	00 30 25.3-1.4	
WHN				eS	P	00 32 32.0-3.0	
ENH	Enshi	14.39	312	eP	P	00 31 04.1+0.8	
ENH				eS	P	00 31 04.1+0.8	
GYA	Guiyang	14.82	294	eP	P	00 31 12.5+3.6	
GYA				AMB	AMB	00 33 44.5-6.8	
GYA				AMB	AMB		
GYA	comp=Z,10.0nm,0.8s			LR	LR		
GYA	comp=N,360nm,8.4s			LR	LR		
GYA	comp=E,240nm,5.7s			LR	LR		
GYA	comp=Z,230nm,6.3s			LR	LR		
CD2	Chengdu	18.92	305	eP	P	00 32 01.0+1.9	
BJT	Gaijiata	19.56	347	eP	P	00 32 05.6-0.5	
BJT				eS	P	00 32 05.6-0.5	
BJI	Beijing	39.58	347	eP	P	00 32 05.5-0.8	
BJI				AMB	AMB		
BJI	Beijing	39.58	347	eP	P	00 32 05.5-0.8	
BJI				eS	P	00 32 05.5-0.8	
CMAR	Chiang Mai Arr	21.58	267	eP	P	00 32 26.4-0.4	
CMAR				eS	P	00 34 50.1	
CMAR	comp=Z,7.9nm,1.0s,mb4.0,baz=72,slow=8.8,SNR=17			LR		00 40 50.1	
LZH	Lanzhou	35.20	318	eP	Px	00 32 41.9	
LZH				eS	P	00 32 41.9	
W02				sp		00 32 55.1	
PKI	Pulchoki	42.66	288	eP	P	00 34 13.8-3.5	
PKI				eS	P	00 34 13.8-3.5	
KKN	Kakani	33.73	289	eP	P	00 34 15.3-3.1	
KKN				eS	P	00 34 15.3-3.1	
DMN	Daman	33.93	289	eP	P	00 34 16.5-3.1	
DMN				eS	P	00 34 16.5-3.1	
GKN	Gorkha	34.37	289	eP	P	00 34 21.4-2.0	
KAKA	Kakadu	35.07	162	eP	P	00 34 31.3+1.8	
KAKA				eS	P	00 34 31.3+1.8	
KOLN	Koldanda	35.27	289	eP	P	00 34 27.8-3.3	
KOLN				eS	P	00 34 27.8-3.3	
WAZU	Wau	37.33	136	eP	P	00 34 49.5+0.8	
FITZ	Fitzroy Crossi	39.03	174	eP	P	00 35 01.1-1.5	
FITZ				eS	P	00 35 01.2-1.3	
FITZ	comp=Z,3.3nm,0.8s,mb4.0			P		00 35 01.2-1.3	
FITZ	comp=Z,4.3nm,0.6s,mb4.5,baz=2,slow=7.9,SNR=32			P		00 35 02.0-2.0	
PMG	Port Moresby	39.20	138	eP	P	00 35 02.0-2.0	
PMG				eS	P	00 35 02.0-2.0	
HYB	Hyderabad	40.83	273	eP	P	00 35 18.0+0.5	
IKAR	Ikatanchi Arr	41.01	318	eP	P	00 35 19.9+1.3	
IKAR				eS	P	00 35 19.9+1.3	
WRAB	Tennant Creek	42.49	162	eP	P	00 35 29.6-1.6	
WRAB				eS	P	00 35 29.6-1.6	
WRA	Warramunga Arr	42.50	162	eP	P	00 35 29.9-1.3	
WRA				eS	P	00 35 29.9-1.3	
WRA	comp=Z,6.8nm,0.4s,mb4.7,baz=344,slow=8.8,SNR=61			PcP	PcP	00 37 22.5-0.7	
WB2	Warramunga Arr	42.50	162	iP	P	00 35 29.9-1.4	
WB2				iS	P	00 35 29.9-1.4	
KURK	Kurchatov	44.88	322	eP	P	00 35 50.8+0.7	
KURK				eS	P	00 35 50.8+0.7	
ASAR	Alice Springs	45.93	164	eP	P	00 35 58.2-0.6	
ASAR				eS	P	00 37 34.1-0.8	
ASAR	comp=Z,1.2nm,0.8s,baz=0.3,slow=4.5,SNR=4.0			P		00 35 58.2-0.6	
ASPA	Alice Springs	45.93	164	iP	P	00 35 58.2-0.6	
ASPA				eS	P	00 36 10.1+0.1	
CTA	Charters Tower	47.35	148	eP	P	00 36 10.2+0.2	
CTA				eS	P	00 36 10.2+0.2	
CTA	comp=Z,12nm,0.8s,mb4.7			P		00 36 10.2+0.2	
BVAR	Borovoye Array	50.48	322	eP	P	00 36 33.8+0.1	
BVAR				eS	P	00 36 33.8+0.1	
BVAR	comp=Z,1.2nm,0.5s,mb4.1,baz=109,slow=7.4,SNR=8.8			P		00 36 36.4+2.2	
BRVK	Borovoye	50.55	322	eP	P	00 36 36.4+2.2	
BRVK				eS	P	00 36 36.4+2.2	
ZRKN	Zerenda	51.25	322	eP	P	00 36 39.7+0.2	
ZRKN				eS	P	00 36 39.7+0.2	
FORT	Fortress	51.82	173	eP	P	00 36 43.0-1.1	
FORT				eS	P	00 36 43.0-1.1	
KLBR	Kellerberrin	52.41	184	iP	P	00 36 46.9-1.6	
KLBR				iS	P	00 36 46.9-1.6	
NWAO	Narrogin (SRO)	57.77	185	eP	P	00 36 57.8-0.8	
NWAO				eS	P	00 36 57.8-0.8	
STKA	Stevens Creek	55.90	160	iP	P	00 37 12.9-1.1	
STKA				iS	P	00 37 12.9-1.1	
STKA	comp=Z,12nm,0.5s,mb5.2			P		00 37 13.1-1.0	
STKA	comp=Z,17nm,0.6s,mb5.3,baz=338,slow=6.9,SNR=57			P		00 37 13.1-1.0	
ARU	Arti	57.97	324	eP	P	00 37 27.3-1.0	
ARU				eS	P	00 37 27.3-1.0	
ARU	comp=Z,8.1nm,0.6s,mb4.9			P		00 37 27.3-1.0	
TOO	Tooolangi	62.39	159	eP	P	00 37 58.8+0.1	
TOO				eS	P	00 37 58.8+0.1	
RAYN	Ar Rayn	69.78	288	eP	P	00 38 42.2+0.2	
RAYN				eS	P	00 38 42.2+0.2	
MZLS	Mizel	69.92	289	eP	P	00 38 47.2+0.5	
MZLS				eS	P	00 38 47.2+0.5	
ARSS	Ar Rass	71.18	291	eP	P	00 38 54.8+0.4	
ARSS				eS	P	00 38 54.8+0.4	

KAMS	Al Khamasin	71.46	285	P	P	00 38 56.0 0.0
ILAR	Eielson Array	71.83	27	P	P	00 39 00.9+3.4
comp=Z,0.9nm,0.8s,mb3.6,baz=267,slow=5.5,SNR=7.5						
HILS	Ha'il	72.05	293	D	P	00 39 00.4
ARCES	ARCCESS Array B	72.69	339	P	P	00 39 03.5+1.1
comp=Z,0.7nm,0.8s,mb3.9,baz=83,slow=11,SNR=2.9						
FINES	FINESS Array B	74.46	330	P	P	00 39 14.7+1.7
comp=Z,5.5nm,1.2s,mb4.2,baz=63,slow=4.3,SNR=7.7						
FINES				LR	LR	01 16 08.5
comp=Z,4.6nm,1.8s,baz=246,slow=39						
KBRS	Khaybar	74.66	292	P	P	00 39 16.4+1.6
BRTR	Keskin Array B	75.48	307	P	P	00 39 19.9+0.7
comp=Z,0.9nm,1.0s,mb3.5,baz=72,slow=3.9,SNR=4.3						
TBKS	Tabuk	76.30	295	P	P	00 39 25.8+1.7
JMOS	Jabal Moqyreh	76.79	295	P	P	00 39 27.2+1.0
AYUS	'Ayunah	77.39	295	P	P	00 39 31.2+1.0
BDAS	Al Bad'	77.46	296	P	P	00 39 30.5-0.1
TAYS	Tayyib Ism	77.62	296	P	P	00 39 32.9+1.4
HFS	Hagfors	80.60	331	P	P	00 39 47.7+0.7
comp=Z,0.8nm,0.4s,mb3.9,baz=135,slow=4.2,SNR=7.4						
NOA	NORSAR Array B	81.28	333	P	P	00 39 52.8+2.3
comp=Z,0.8nm,0.9s,mb3.6,baz=60,slow=3.2,SNR=3.0						
NOA				LR	LR	01 18 37.9
comp=Z,3.9nm,21.8s,baz=50,slow=39						
KMBO	Killik Mboc	85.43	287	P	P	00 40 11.3-0.3
comp=Z,1.4nm,0.8s,mb3.9,baz=51,slow=12,SNR=5.0						
GERES	GERESS Array B	85.63	321	P	P	00 40 13.1+0.4
comp=Z,0.5nm,0.7s,mb3.5,baz=63,slow=6.0,SNR=5.5						
YKA	Yellowknife Arr	85.75	291	P	P	00 40 13.8+1.0
comp=Z,1.6nm,0.5s,mb4.2,baz=308,slow=4.7,SNR=6.0						
USHA	Ushuaia	145.34	170	PKPbc	PKPbc	00 47 12.1+1.5
comp=Z,4.0nm,0.6s,baz=181,slow=3.7,SNR=5.9						

IDC 29 00:44:59.6:4.6, 18.52S-178.24W, h468km, 50km, mb1.7/13, mb1.3/9,13, mb1mx3.9/18, Error ellipse: s-maj=23.1km s-min=20.4km az=20.0
 NEIC 29 00:45:00.7:3.5, 18.51S-178.31W, h481km, 37km, mb4.4/10, Error ellipse: s-maj=18.5km s-min=15.7km az=48.0
 ISC 29 00:45:01.4:0.4, 17.85S-120.1784W-0.2, h495km, 52km, n57, r083/27, mb4.2/18, 1C, Fiji Islands region

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
URZ	Urewera	20.05	190	eP	P	00 40 00.0-1.0	
9.6nm,0.7s,baz=104,slow=2.4,SNR=3.4							
ARMA	Armidade	29.64					

TSUM	comp=Z,974nm,20.0s,MS4.8	50.28 57	P	P	02 09 50.7 +0.7
CASY	comp=Z,24nm,0.7s,mb5.3	51.09 159	eP	P	02 09 54.9 -0.6
LPZAZ	comp=Z,3.7nm,0.6s,mb4.5,baz=179,slow=7.3,SNR=15	52.65 305	P	P	02 10 07.7 -0.2
LPZAZ	comp=Z,4.0nm,0.6s	52.66 305	P	P	02 10 07.7 -0.2
RCBR	comp=Z,7.85nm,21.0s,MS4.7	53.37 347	eP	LR	02 10 11.7 -1.5
ARE	comp=Z,592nm,22.0s,MS4.7	53.97 301	eP	P	02 10 18.0 +0.4
SAML	comp=Z,7.0nm,0.8s,mb4.7	57.32 314	eP	P	02 10 38.9 -3.0
LSZ	comp=Z,592nm,22.0s,MS4.7	58.57 66	eP	P	02 10 50.0 -0.5
LSZ	comp=Z,2.5nm,0.9s,mb5.2		LR	LR	
NNA	comp=Z,2.0nm,20.0s,MS5.3	60.32 298	PFAKE	LR	02 11 10.0 +7.4
LIC	comp=Z,283nm,22.0s,MS4.4	66.79 22	eP	P	02 11 45.1 +0.1
KIC	comp=Z,332nm,1.4s	66.98 23	eP	P	02 11 46.3 +0.1
TIC	comp=Z,84nm,1.3s	67.20 22	eP	P	02 11 47.7 +0.1
DBIC	comp=Z,502nm,1.2s	67.26 22	P	P	02 11 48.1 +0.1
DBIC	comp=Z,1.9nm,0.9s,mb5.1,baz=170,slow=7.0,SNR=28		LR	LR	02 35 11.8
OTAV	comp=Z,337nm,21.3s,MS4.5,baz=150,slow=30	71.88 303	eP	LR	02 12 18.9 +2.6
OTAV	comp=Z,3.7nm,0.8s,mb4.4		LR	LR	
MBAR	comp=Z,546nm,21.0s,MS4.8	72.62 61	eP	P	02 12 19.9 -0.8
ROSC	comp=Z,2.13nm,19.0s,MS4.4	74.29 309	P	P	02 12 30.7 +0.3
ROSC	comp=Z,3.2nm,0.5s,mb4.5,baz=168,slow=22,SNR=2.5		LR	LR	02 45 47.3
KMBO	comp=Z,940nm,21.8s,MS5.0,baz=215,slow=36	75.20 67	eP	P	02 12 38.8 +3.2
KMBO	comp=Z,5.6nm,1.2s,mb4.4,baz=196,slow=3.0,SNR=7.5		LR	LR	02 42 54.6
KMBO	comp=Z,1.6nm,1.8s,MS5.3,baz=123,slow=33		P	P	02 12 39.8 +4.1
PAYG	comp=Z,1.1nm,19.0s,MS5.3	76.56 292	PFAKE	LR	02 12 50.0 +6.6
RPZ	comp=Z,1.1nm,21.0s,MS5.1	77.01 192	P	P	02 12 43.8 -1.5
URZ	comp=Z,8.6nm,0.8s,mb4.7,baz=152,slow=21,SNR=3.2		P	P	02 13 07.9 -2.1
HUMP	comp=Z,1.5nm,0.9s,mb4.9,baz=216,slow=4.5,SNR=3.4	83.44 322	eP	P	02 13 17.5 -2.5
NWAO	comp=Z,5.16nm,20.0s,MS4.9,baz=184,slow=33	83.56 149	LR	LR	02 46 56.8
NWAO	comp=Z,1.6nm,1.4s,mb4.8		LR	LR	02 13 30.0 +1.0
JTS	comp=Z,536nm,20.0s,MS4.9	83.70 302	PFAKE	LR	02 13 30.0 +8.6
TOO	comp=Z,61nm,20.0s,MS4.0	83.78 173	eP	P	02 13 23.4 +2.1
MUN	comp=Z,9.5nm,0.8s,mb5.0	84.18 148	eP	P	02 13 23.3 -0.1
ADE	comp=Z,1.0nm,1.2s,mb4.8		i	pP	02 13 36.0 +0.1
TBI	comp=Z,1.1nm,21.0s,MS5.1	85.74 167	P	S	02 13 32.2 +1.1
TBI	comp=Z,1.0nm,1.2s,mb4.8	86.08 230	eS	S	02 24 09.9 +7.2
FORT	comp=Z,1.1nm,23.0s,baz=157	88.16 157	eP	P	02 36 57.9
STKA	comp=Z,6.8nm,1.5s,mb4.8	89.11 169	eP	pP	02 13 47.5 0.0
STKA	comp=Z,6.8nm,1.5s,mb4.8	89.11 169	eP	pP	02 13 58.8 -1.2
STKA	comp=Z,3.9nm,0.5s,mb5.0,baz=147,slow=5.2,SNR=14		P	pP	02 13 47.7 +0.3
PPT	comp=Z,1.1nm,19.2s,MS5.3,baz=192,slow=34	91.31 232	eS	S	02 54 58.8 +7.7
TEIG	comp=Z,893nm,22.5s,baz=159	93.40 303	PFAKE	LR	02 43 19.7
COCO	comp=Z,1.0nm,22.0s	95.00 124	PFAKE	LR	02 14 30.0 +1.3
MBWA	comp=Z,260nm,19.0s,MS4.7	95.40 148	PFAKE	LR	02 14 30.0 +1.3
ASPA	comp=Z,691nm,19.0s,MS5.2	96.17 161	eP	P	02 14 19.3 -0.8
ASPA	comp=Z,3.3nm,0.7s,mb4.9,baz=183,slow=4.1,SNR=47	96.17 161	P	P	02 14 19.6 -0.5
ASAR	comp=Z,0.8nm,0.4s,baz=22,slow=2.2,SNR=17		PKPKPbc	LR	02 31 05.7
ASAR	comp=Z,620nm,18.5s,MS5.1,baz=193,slow=35		LR	LR	02 56 22.6
BBSR	comp=Z,432nm,21.0s,MS4.9	96.44 327	PFAKE	LR	02 14 30.0 +8.9
DWPF	comp=Z,579nm,20.0s,MS5.1	98.13 312	PFAKE	LR	02 14 40.0 +1.1
ESDC	comp=Z,579nm,20.0s,MS5.1	98.13 312	PFAKE	LR	02 14 40.0 +1.1
FITZ	comp=Z,216nm,21.7s,MS4.6,baz=175,slow=32	98.86 152	LR	LR	02 58 52.3
WRA	comp=Z,227nm,18.1s,MS4.7,baz=254,slow=35		LR	LR	02 14 36.3 -0.8
WRA	comp=Z,0.9nm,0.8s,mb4.2,baz=193,slow=4.2,SNR=7.8		PKPKPbc	LR	02 30 56.8
WRA	comp=Z,0.6nm,0.4s,baz=358,slow=2.8,SNR=18		LR	LR	02 58 10.2
WRA	comp=Z,903nm,19.1s,MS5.3,baz=185,slow=34	98.89 161	P	P	02 14 36.3 -0.7
CTAO	comp=Z,1.0nm,0.8s		pmx	pmx	
CTAO	comp=Z,903nm,19.2s		MLR	MLR	
NHSC	comp=Z,556nm,20.0s,MS5.1	101.20 172	PFAKE	LR	02 14 50.0 +7.0
PALK	comp=Z,216nm,21.7s,MS4.6,baz=175,slow=32	102.14 316	PFAKE	LR	02 15 00.0 +1.3
LRLAL	comp=Z,556nm,20.0s,MS5.1	104.59 100	PFAKE	LR	02 15 10.0 +1.2
LRLAL	comp=Z,1.60nm,21.0s,MS4.5		PFAKE	LR	02 15 10.0 +1.2
MYNC	comp=Z,554nm,20.0s,MS5.1	105.37 313	PFAKE	LR	02 19 30.0
CBN	comp=Z,280nm,19.0s,MS4.8	105.75 320	PFAKE	LR	02 19 30.0
BLA	comp=Z,646nm,21.0s,MS5.2	105.91 317	PFAKE	LR	02 19 30.0
OXF	comp=Z,427nm,20.0s,MS5.0	106.94 309	PFAKE	LR	02 19 30.0
HRV	comp=Z,422nm,22.0s,MS5.0	107.84 326	PFAKE	LR	02 19 30.0
MCWV	comp=Z,539nm,19.0s,MS5.1	107.97 299	PFAKE	LR	02 19 30.0
JCT	comp=Z,334nm,20.0s,MS4.9		PFAKE	LR	02 19 30.0
JCT	comp=Z,239nm,22.0s,MS4.7		PFAKE	LR	02 19 30.0

MIAR	Mount Ida	108.69 306	PFAKE	LR	02 19 30.0
EMMW	comp=Z,285nm,20.0s,MS4.8	108.74 330	PFAKE	LR	02 19 30.0
LTX	comp=Z,2.0nm,21.0s,MS5.7	108.80 295	PFAKE	LR	02 19 30.0
TXAR	comp=Z,374nm,19.0s,MS5.0	108.80 295	PKPKPbc	LR	02 30 46.0
ACSO	comp=Z,0.5nm,0.8s,baz=287,slow=2.8,SNR=4.5	109.51 317	PFAKE	LR	02 19 30.0
NCB	comp=Z,456nm,19.0s,MS5.1	109.97 325	PFAKE	LR	02 19 30.0
PQI	comp=Z,298nm,20.0s,MS4.9	110.71 330	PFAKE	LR	02 19 40.0 +1.7
CCM	comp=Z,3.0nm,22.0s,MS5.8	110.75 310	PFAKE	LR	02 19 40.0 +1.7
PMG	comp=Z,539nm,21.0s,MS5.1	111.85 172	PFAKE	LR	02 19 40.0 +1.4
KHC	comp=Z,646nm,20.0s,MS5.2	112.16 27	ePKP	PKP	02 19 24.0 -1.8
GNI	comp=Z,485nm,21.0s,MS5.1	114.38 52	PFAKE	LR	02 19 40.0 +1.0
JFWS	comp=Z,243nm,19.0s,MS4.8	114.52 313	PFAKE	LR	02 19 40.0 +9.3
TUC	comp=Z,243nm,19.0s,MS4.8	114.66 292	ePKPK	LR	02 19 31.0
ANMO	comp=Z,236nm,20.0s,MS4.8	114.77 297	PFAKE	LR	02 19 40.0 +8.6
ESK	comp=Z,236nm,20.0s,MS4.8	115.08 14	PFAKE	LR	02 19 40.0 +8.6
SDCO	comp=Z,354nm,21.0s,MS5.0	116.75 49	PFAKE	LR	02 19 35.2 +0.4
KIV	comp=Z,68nm,20.0s,MS4.3	117.83 36	PKP	PKP	02 19 36.7 -0.1
AKASG	comp=Z,1.0nm,0.5s	117.97 334	PKP	PKP	02 19 36.4 -0.6
SCHO	comp=Z,2.5nm,0.5s,baz=231,slow=12,SNR=10	117.97 334	PKP	PKP	02 19 36.4 -0.6
ISCO	comp=Z,585nm,20.0s,MS5.2	118.34 300	PFAKE	LR	02 19 50.0 +1.2
PV01	comp=Z,285nm,19.0s,MS4.9	118.34 297	PKP	PKP	02 19 41.0 +2.8
PFO	comp=Z,89nm,21.0s,MS4.4	118.50 288	PFAKE	LR	02 19 50.0 +1.1
PNV10	comp=Z,285nm,19.0s,MS4.9	118.76 297	ePKP	PKP	02 19 38.9 0.0
NEN	comp=Z,285nm,19.0s,MS4.9	119.34 291	ePKP	PKP	02 19 39.2 -1.0
SRU	comp=Z,285nm,19.0s,MS4.9	120.04 296	PKP	PKP	02 19 43.7 +2.2
MSU	comp=Z,285nm,19.0s,MS4.9	120.34 295	PKP	PKP	02 19 43.8 +1.8
MVU	comp=Z,285nm,19.0s,MS4.9	120.35 295	PKP	PKP	02 19 43.9 +1.9
TPNV	comp=Z,323nm,22.0s,MS4.9	121.06 291	ePKP	PKP	02 19 44.8 +1.4
RSD	comp=Z,323nm,22.0s,MS4.9	121.13 304	ePKP	PKP	02 19 43.8 +0.4
DAC	comp=Z,276nm,21.0s,MS4.9	121.19 289	PFAKE	LR	02 20 00.0 +1.6
MPU	comp=Z,276nm,21.0s,MS4.9	121.28 296	ePKP	PKP	02 19 46.2 +2.4
DAU	comp=Z,276nm,21.0s,MS4.9	121.42 297	ePKP	PKP	02 19 45.5 +1.4
NLU	comp=Z,276nm,21.0s,MS4.9	121.47 314	ePKP	PKP	02 19 45.1 +1.0
JLU	comp=Z,276nm,21.0s,MS4.9	121.67 297	ePKP	PKP	02 19 46.0 +1.6
DUG	comp=Z,276nm,21.0s,MS4.9	121.97 296	ePKP	PKP	02 19 46.3 +1.2
TCUT	comp=Z,154nm,19.0s,MS4.7	122.04 297	ePKP	PKP	02 19 45.6 +0.4
TPH	comp=Z,154nm,19.0s,MS4.7	122.42 291	ePKP	PKP	02 19 47.3 +1.2
PDAR	comp=Z,255nm,22.0s,MS4.8	122.49 300	PKP	PKP	02 19 46.5 +0.4
BW06	comp=Z,2.9nm,0.4s,baz=195,slow=2.2,SNR=12	122.50 300	PFAKE	LR	02 20 00.0 +1.4
BW06	comp=Z,313nm,19.0s,MS5.0	122.50 297	ePKP	PKP	02 19 46.9 +0.8
BGU	comp=Z,333nm,20.0s,MS5.0	122.65 296	ePKP	PKP	02 19 48.3 +1.9
ULM	comp=Z,4.7nm,0.5s,baz=136,slow=0.6,SNR=4.4	122.78 314	PKP	PKP	02 19 46.0 -0.5
ULM	comp=Z,4.7nm,0.5s,baz=136,slow=0.6,SNR=4.4	122.78 314	PKP	PKP	02 19 45.7 -0.8
NB2	comp=Z,1.0nm,0.6s,baz=201,slow=1.9	122.80 280	PKP	PKP	02 19 46.8 +0.6
NOA	comp=Z,2.0nm,0.7s,baz=195,slow=1.6,SNR=8.2	122.80 280	PKP	PKP	02 19 46.8 +0.6
NOA	comp=Z,2.0nm,0.7s,baz=195,slow=1.6,SNR=8.2	122.80 280	PKP	PKP	02 19 46.8 +0.6
OMM	comp=Z,2.0nm,0.7s,baz=195,slow=1.6,SNR=8.2	122.93 92	eP	PKP	02 19 48.2 +2.2
KOLD	comp=Z,2.0nm,0.7s,baz=195,slow=1.6,SNR=8.2	123.15 90	eP	PKP	02 19 48.1 +0.4
MNV	comp=Z,2.0nm,0.7s,baz=195,slow=1.6,SNR=8.2	123.15 90	eP	PKP	02 19 49.6 +2.1
AHID	comp=Z,346nm,21.0s,MS5.0	123.20 299	PFAKE	LR	02 20 00.0 +1.3
CMAR	comp=Z,246nm,20.0s,MS4.9	123.28 111	PKP	PKP	02 19 49.0 +0.9
CMAR	comp=Z,2.9nm,0.7s,baz=233,slow=3.2,SNR=10.0	123.28 111	PKP	PKP	02 19 49.0 +0.8
ELK	comp=Z,3.0nm,0.7s	123.55 294	ePKP	PKP	02 19 50.0 +1.8
WUYU	comp=Z,297nm,19.0s,MS5.0	123.64 299	ePKP	PKP	02 19 48.8 +0.5
DMN	comp=Z,25nm,0.9s	123.80 92	eP	PKP	02 19 48.5 -0.5
GKN	comp=Z,45nm,1.1s	123.91 38	PFAKE	LR	02 20 00.0 +1.1
OBN	comp=Z,90nm,22.0s,MS4.4	123.93 92	eP	PKP	02 19 48.9 -0.3
PKI	comp=Z,39nm,1.1s	123.93 92	eP	PKP	02 19 50.7 +1.7
CMB	comp=Z,396nm,21.0s,MS5.0	124.01 300	ePKP	PKP	02 19 50.2 +1.3
KKN	comp=Z,18nm,0.7s	124.04 92	eP	PKP	02 19 47.1 -2.3
LAO	comp=Z,540nm,22.0s,MS5.2	124.11 305	PFAKE	LR	02 20 00.0 +1.1
YFT	comp=Z,540nm,22.0s,MS5.2	124.39 300	ePKP	PKP	02 19 52.5 +2.8
DGMT	comp=Z,540nm,22.0s,MS5.2	124.65 308	ePKP	PKP	02 19 51.2 +1.2
GCMT	comp=Z,541nm,22.0s,MS5.2	124.91 302	ePKP	PKP	02 19 52.0 +1.5
QLMT	comp=Z,541nm,22.0s,MS5.2	124.95 300	ePKP	PKP	02 19 53.4 +2.8
HLID	comp=Z,272nm,21.0s,MS4.9	125.34 297	PFAKE	LR	02 20 00.0 +8.6
BEKR	comp=Z,272nm,21.0s,MS4.9	125.35 290	ePKP	PKP	02 19 53.5 +2.0
NHSM	comp=Z,272nm,21.0s,MS4.9	125.42 287	ePKP	PKP	02 19 51.5 -0.2
OHMC	comp=Z,272nm,21.0s,MS4.9	125.49 289	ePKP	PKP	02 19 55.0 +3.1
MCMT	comp=Z,272nm,21.0s,MS4.9	125.59 299	ePKP	PKP	02 19 54.3 +2.4
SHL	comp=Z,272nm,21.0s,MS4.9	125.66 99	eP	PKP	02 19 53.0 +0.5
BOZ	comp=Z,272nm,21.0s,MS4.9	125.67 301	ePKP	PKP	02 19 53.9 +1.9
FINES	comp=Z,272nm,21.0s,MS4.9	126.32 32	PKP	PKP	02 19 53.1 +0.3
FINES	comp=Z,4.5nm,0.5s,baz=155,slow=1.9,SNR=4.4	126.32 32	PKP	PKP	02 19 53.2 +0.4
HRY	comp=Z,5.0nm,0.5s	126.58 301	ePKP	PKP	02 19 55.5 +1.8

MOD	Modoc	126.88 292	ePKP	PKP	02 19 54.2 -0.2
KAF	comp=Z,305nm,21.0s,MS5.0	126.96 28	eP	PKP	02 19 53.7 -0.3
KAF	comp=Z,305nm,21.0s,MS5.0	126.96 28	eP	PKP	02 19 53.7 -0.3
WDC	comp=Z,4.0nm,0.6s	126.97 289	ePKP	PKP	02 19 57.5 +2.8
WDC	comp=Z,4.0nm,0.6s	126.97 289	ePKP	PKP	02 19 57.5 +2.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sheshan, DAWY Dawson, MONDY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint-Julien-I, COLF, etc.

Table with columns: AVF, LPGA, SFS, MTLF, CABF, LFF, EPF, etc. Includes stations like La Plagne, Saint Saugle, Montoliou, etc.

ISC 29 02:11:00.0-0.9, 46.39N-0.06-15.10E-0.07, n5, c05167, 2C, Northwestern Balkan Peninsula

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

ISC 29 02:30:53.4-2.6, 8.34N-127.99E, mb3.9/3, mb1.4, 1/3, mb1mx3.6/17, Error ellipse: s-maj=202.0km s-min=26.8km az=65.0

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

FUNUV 29 02:59:22.2, 6.73N-73.24W, h176km, MW3.1, LDC 29 02:59:25.2-2.5, 6.66N-73.04W, h176km, mb3.3/2, mb1.3/6.3, mb1mx3.1/19, Error ellipse: s-maj=56.6km s-min=26.7km az=102.0

ISC 29 02:59:23.3-0.7, 6.87N-0.06-72.98W-0.06, h171km, n5, c19121, mb3.5/2, 2C-3D, Northern Colombia

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

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

IDC 29 03:41:38.2-0.6, 8.30S-43.98E, mb4.4/16, mb1.4/5/17, mb1mx4.5/21, ML4.4/1, MS4.2/16, Ms1.4/2.16, ms1mx4.1/21, Error ellipse: s-maj=20.7km s-min=14.7km az=61.0

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

ISC 29 03:41:43.1-0.7, 8.40S-43.80E, h32km, mb5.2, mb4.9, Ms5.0, Ms2.6, MOS 29 03:41:41.5-0.7, 8.26S-43.93E, h33km, mb4.7/17, Error ellipse: s-maj=23.9km s-min=8.2km az=99.3

ISC 29 03:41:43.1-0.2, 8.37S-43.85E, mb4.7/57, Error ellipse: s-maj=7.3km s-min=5.5km az=61.0

ISC 29 03:41:43.3-0.8, 8.37S-43.86E, h32km, MB4.7, ISC 29 03:41:41.6-1.7, 8.37S-0.04-43.80E-0.06, h35km, 15km, h35km, 1.8km, p-P, n196, c1909/164, mb4.7/77, MS4.2/23, 8C-8D, Northwest of Madagascar

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

29d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRO Grobarova, MAW Mawson, etc.

2004 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI Sverdlowski, EBDAD Badajoz, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI Tikisi, ILAR Eielson Array, etc.

Technical notes and error ellipses for station data, including coordinates and measurement errors.

NEIC Fell at Nelson. ISC 29 03:44:51.2, 0.6, 41.44S, 0.02x172.34E, 0.03, h5km, 4km.

Table with columns for Code, Station Name, Azimuth, Time, and other details. Includes stations like DSZ Denniston Nort, etc.

Table with columns: BKZ, Black Stump Fm, 3.90 56 PN, Pn, 03 45 52.2 -0.9, etc. Includes stations like Black Stump Fm, Wanaka, Paeroa, etc.

NEIC 29 04:03:36.2.0.5, 51.56N-16.11E, h5km, ML2.9(SZGRF), ML2.9(VIE), ML2.9(FUR), ML2.5(BRG), Error ellipse: s-maj=5.6km s-min=4.4km az=52.0

PRU 29 04:03:37.6.51.46N, 16.09E, WAR 29 04:03:37.8.51.49N, 16.05E, ML2.9, Mining Induced, IDC 29 04:03:38.0.7.51.52N-15.81E, mb1 3.4, mb1mx3.3/21, ML3.1/7, Error ellipse: s-maj=12.2km s-min=6.6km az=100.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like KSP, Ksiaz, Ujpec, Dobruska-Polom, etc.

INMG 29 04:09:38.5.1.1, 42.42N-8.10W, h20km, 21km, ML1.5, Error ellipse: s-maj=2.8km s-min=2.0km az=72.0, MDD 29 04:09:38.6.0.3, 42.41N-8.09W, mBL1.6/1.1, 1C-2D, Error ellipse: s-maj=3.1km s-min=2.0km az=64.0, PRXIMO, Spain

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like EZAM, Zamans, EZAM, Lobios, etc.

IDC 29 04:21:56.0.2.5, 16.38S-173.68W, mb3.9/4, mb1 4.1/4, mb1mx4.0/13, Error ellipse: s-maj=181.0km s-min=32.0km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like STKA, Stephens Creek, WRA, Warrungarra Arr, etc.

PRE 29 04:29:58.9.1.1, 26.43S-27.37E, h2km, ML3.6, South Africa

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like KSR, Koster, SILR, Silverton, etc.

IGQ 29 04:35:41.8.2.745S-79.48W, h19km, 7km, mb4.1, 7C-3D, Error ellipse: s-maj=8.7km s-min=2.6km az=58.0, Near coast of Ecuador

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like IGUA, Igalata, ARR, Arrayan, etc.

IDC 29 04:49:56.7.2.2, 7.29S-152.04E, mb3.5/4, mb1 3.8/4, mb1mx3.8/12, MS3.8/1, Ms1 3.8/1, ms1mx2.7/16, Error ellipse: s-maj=115.0km s-min=28.8km az=132.0, New Britain region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like WRA, Warrungarra Arr, ASAR, Alice Springs, etc.

IDC 29 04:55:34.3.0.6, 43.93N-83.40E, mb4.2/16, mb1 4.4/19, mb1mx4.3/23, ML4.3, MS3.4/2, Ms1 3.4/2, ms1mx2.6/19, Error ellipse: s-maj=17.7km s-min=9.4km az=60.0, LDG 29 04:55:35.4.0.2, 43.87N-83.29E, h23km, Mb4.5/20, Ms3.3/1, Error ellipse: s-maj=8.4km s-min=5.5km az=73.0, BUJ 29 04:55:37.2.44.01N-83.41E, h22km, mb4.6, mb4.4, ML 4.6, NEIC 29 04:55:38.1.0.2, 43.03N-83.41E, mb4.5/28, Error ellipse: s-maj=6.7km s-min=4.8km az=220.0, MOS 29 04:55:38.2.0.9, 44.06N-83.37E, h33km, mb4.6/17, Error ellipse: s-maj=19.5km s-min=9.3km az=117.2, NNC 29 04:55:45.9.1.7, 44.29N-82.61E, h30km, 10km, mpv4.4, Error ellipse: s-maj=12.9km s-min=8.2km az=97.0, ISC 29 04:55:36.0.1.5, 44.01N-0.05, 83.32E, 0.07, h21km, 11km, h22km, 3km, pP-P, n101, 0.98/1/14, mb4.5/43, MS3.6/5, 19C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like MKAR, Makanchi Array, MKAR, 153nm, 0.3s, baz=168, slow=16, SNR=353, etc.

Table with columns: TXAR, Lajitas Array, 20.54 321 P, P, 06 42 14.0 +1.3, etc.

IDC 29 07:06:06.7, 1.2, 10.77N:142.51E, mb3.75, mb1 3.9/5, mb1mx3.8/16, Error ellipse: s-maj=69.8km s-min=23.2km az=96.0

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

IDC 29 06:49:40.6, 1.5, 12.32N:144.15E, mb3.74, mb1 3.8/4, mb1mx3.7/17, Error ellipse: s-maj=55.5km s-min=29.5km az=96.0

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

NIED 29 06:56:00.26, 30N:127.80E, h5km, Mw4.1 Best double couple: Mb1.44x10^15 NP1a33°, delta1°, Lambda°. NP2a:191°, 310°, Lambda68°

JMA 29 06:56:27.0, 2.0, 1.26, 32N:127.83E, h21km, mb3, M3.5 JMA Feat 1/1

IDC 29 06:56:29.6, 4.2, 25.36N:125.71E, mb3.3/3, mb1 3.5/3, mb1mx3.4/18, Error ellipse: s-maj=360.0km s-min=28.9km az=61.0

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

NEIC 29 07:01:24.6, 17.70N:98.41W, h65km, MD3.8(MEX), After MEX. MEX 29 07:01:24.4, 1.0, 17.64N:98.42W, h48km, 17km, MD3.8, Guerrero

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

IDC 29 07:40:27.5, 5.8, 21.23S:170.98E, mb4.2/2, mb1 4.5/2, mb1mx3.9/9, Error ellipse: s-maj=243.0km s-min=56.2km az=151.0

NEIC 29 07:40:55.4, 2.2, 21.12S:170.24E, h212km, 11km, mb4.0/6, Error ellipse: s-maj=34.6km s-min=16.3km az=215.0

IDC 29 07:40:53.8, 1.7, 21.07S:170.3E, 2.0, h215km, 11km, n16, c065/20, mb3.9/8, 3C-1D, Southeast of Loyalty

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

BYKL 29 07:41:00.1, 0.2, 53.05N:108.05E, h22km, 73km MOS 29 07:41:03.1, 3.9, 53.10N:108.10E, h10km, mb4.0/1, 1C-6D, Error ellipse: s-maj=19.5km s-min=9.3km az=117.4, Lake Baykal region

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

TRG 29 07:41:14, 2N:0.2S, h142km, 0.2S, mb1 1.4/2, mb1mx3.3/3, mb1 3.5/3, mb1mx3.4/18, Error ellipse: s-maj=360.0km s-min=28.9km az=61.0

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

FFNB 29 06:56:00.26, 30N:127.80E, h5km, Mw4.1 Best double couple: Mb1.44x10^15 NP1a33°, delta1°, Lambda°. NP2a:191°, 310°, Lambda68°

JMA 29 06:56:27.0, 2.0, 1.26, 32N:127.83E, h21km, mb3, M3.5 JMA Feat 1/1

IDC 29 06:56:29.6, 4.2, 25.36N:125.71E, mb3.3/3, mb1 3.5/3, mb1mx3.4/18, Error ellipse: s-maj=360.0km s-min=28.9km az=61.0

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

NIED 29 06:56:00.26, 30N:127.80E, h5km, Mw4.1 Best double couple: Mb1.44x10^15 NP1a33°, delta1°, Lambda°. NP2a:191°, 310°, Lambda68°

JMA 29 06:56:27.0, 2.0, 1.26, 32N:127.83E, h21km, mb3, M3.5 JMA Feat 1/1

IDC 29 06:56:29.6, 4.2, 25.36N:125.71E, mb3.3/3, mb1 3.5/3, mb1mx3.4/18, Error ellipse: s-maj=360.0km s-min=28.9km az=61.0

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

IDC 29 07:40:27.5, 5.8, 21.23S:170.98E, mb4.2/2, mb1 4.5/2, mb1mx3.9/9, Error ellipse: s-maj=243.0km s-min=56.2km az=151.0

NEIC 29 07:40:55.4, 2.2, 21.12S:170.24E, h212km, 11km, mb4.0/6, Error ellipse: s-maj=34.6km s-min=16.3km az=215.0

IDC 29 07:40:53.8, 1.7, 21.07S:170.3E, 2.0, h215km, 11km, n16, c065/20, mb3.9/8, 3C-1D, Southeast of Loyalty

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

IDC 29 07:54:33.0, 4.7, 6.73S:130.46E, h57km, 43km, mb4.1/7, mb1 4.4/9, mb1mx4.3/12, ML5.0/3, MS2.6/1, Ms1 2.6/1, ms1mx2.3/13, Error ellipse: s-maj=57.7km s-min=18.9km az=67.0, putative timing error on ZAL

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

NEIC 29 07:54:41.7, 1.7, 8.60S:130.29E, h137km, 19km, mb4.7/7, Error ellipse: s-maj=25.4km s-min=11.6km az=74.0

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

IDC 29 07:54:37.1, 2.0, 7.04S:130.27E, 0.09, h121km, 21km, n26, c114/35, mb4.7/14, 2D, Tanimbar Islands region

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

IDC 29 07:54:33.0, 4.7, 6.73S:130.46E, h57km, 43km, mb4.1/7, mb1 4.4/9, mb1mx4.3/12, ML5.0/3, MS2.6/1, Ms1 2.6/1, ms1mx2.3/13, Error ellipse: s-maj=57.7km s-min=18.9km az=67.0, putative timing error on ZAL

NEIC 29 07:54:41.7, 1.7, 8.60S:130.29E, h137km, 19km, mb4.7/7, Error ellipse: s-maj=25.4km s-min=11.6km az=74.0

IDC 29 07:54:37.1, 2.0, 7.04S:130.27E, 0.09, h121km, 21km, n26, c114/35, mb4.7/14, 2D, Tanimbar Islands region

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

IDC 29 07:54:33.0, 4.7, 6.73S:130.46E, h57km, 43km, mb4.1/7, mb1 4.4/9, mb1mx4.3/12, ML5.0/3, MS2.6/1, Ms1 2.6/1, ms1mx2.3/13, Error ellipse: s-maj=57.7km s-min=18.9km az=67.0, putative timing error on ZAL

NEIC 29 07:54:41.7, 1.7, 8.60S:130.29E, h137km, 19km, mb4.7/7, Error ellipse: s-maj=25.4km s-min=11.6km az=74.0

IDC 29 07:54:37.1, 2.0, 7.04S:130.27E, 0.09, h121km, 21km, n26, c114/35, mb4.7/14, 2D, Tanimbar Islands region

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

NEIC 29 08:12:09.4, 1.9, 24.26S:178.58E, h599km, 19km, mb4.6/8, Error ellipse: s-maj=20.2km s-min=17.8km az=107.0

IDC 29 08:12:10.2, 2.4, 24.17S:178.51E, h589km, 30km, mb3.7/6, mb1 3.9/6, mb1mx3.7/10, Error ellipse: s-maj=66.0km s-min=14.1km az=163.0

IDC 29 08:12:09.4, 1.6, 24.3S:0.2-178.5E, 0.1, h597km, 20km, n36, c064/25, mb4.4/11, 4C, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTAO, TOO, STKA, ASAR, WARRAMARR ARR, ASPA, WB2, WRAB, WRA, FORT, FITZ, QSPA, SNA, SNA, VNA3, VNA2, TXAR, ILAR, MKAR, MKAR, KURK, BVAR, ARCES, FINES, FINES, NB2, NOA, NOA, AKASG, EKA, MLR.

NNC 29 08:13:51.1, 3.7, 40.03N-81.57E, mpv4.0, Error ellipse: s-maj=187.5km s-min=33.8km az=94.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH, MK31, MK31, MK31.

WEL 29 08:13:52.0, 2.36, 34.5S-179.95E, h33km, ML3.6/3, Error ellipse: s-maj=2.1km s-min=1.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ, PUK, MWZ, URZ, KUZ, BKZ, URZ, YAI, YAI, NGZ, CNZ, WNVZ.

NEIC 29 08:14:52.4, 17.17N-100.50W, h7km, MD4.1 (MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACX, ACX, ACX, ZIG, ZIG, ZIG, PLIG, YAI, YAI, IZ, PNIG, UNM, UNM, UNM, MOIG, MOIG, MOIG, PPM, PPM, PPM, ISM, ISM, VHO, VHO, OXX, OXX, OXX, SFJM, SFJM, SFJM.

STR 29 08:40:39.6, 0.2, 49.36N-6.93E, h1km, 1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUP, WLF, WLF, ABH, ABH, KTD, BGG, BGG, CDF, CDF, CDF, WLS, WLS, ECH, ECH, RFF, RFF, STB, STB, TOD, TOD, LIBD, THEF, THEF, KLL, BFO, BFO, BFO, BFO, HAU, HAU, MEZF, MEZF, MOF, HIN, HIN, HGN, HGN, HGN, HGN, GIV, GIV, FELD, BAIF, BAIF, BUG, UBBA, WTSB, CABB, CABB, GRF, DAVA, DAVA, DAVA, DAVA, LOR, LOR, LOR, SSF, SSF, SSF, MOX, MOX, MOX, CLZ, SMF, SMF, MOTA, MOTA, MOTA, AVF, AVF, SOTA, SOTA, SOTA, WTTA, WTTA, WTTA, BGF, BGF, LDF, KBA, KBA, FLN, GRR, GRR, ROF, ROF, QUIF, QUIF.

LDG 29 08:40:39.9, 0.2, 49.37N-6.90E, h1km, MD3.2/1, M13.5/14, Error ellipse: s-maj=1.4km s-min=1.2km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUP, WLF, WLF, ABH, ABH, KTD, BGG, BGG, CDF, CDF, CDF, WLS, WLS, ECH, ECH, RFF, RFF, STB, STB, TOD, TOD, LIBD, THEF, THEF, KLL, BFO, BFO, BFO, BFO, HAU, HAU, MEZF, MEZF, MOF, HIN, HIN, HGN, HGN, HGN, HGN, GIV, GIV, FELD, BAIF, BAIF, BUG, UBBA, WTSB, CABB, CABB, GRF, DAVA, DAVA, DAVA, DAVA, LOR, LOR, LOR, SSF, SSF, SSF, MOX, MOX, MOX, CLZ, SMF, SMF, MOTA, MOTA, MOTA, AVF, AVF, SOTA, SOTA, SOTA, WTTA, WTTA, WTTA, BGF, BGF, LDF, KBA, KBA, FLN, GRR, GRR, ROF, ROF, QUIF, QUIF.

LDG 29 08:45:09.6, 0.1, 45.03N-6.55E, h2km, MD2.9/3, M12.8/15, Error ellipse: s-maj=3.1km s-min=2.1km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUP, WLF, WLF, ABH, ABH, KTD, BGG, BGG, CDF, CDF, CDF, WLS, WLS, ECH, ECH, RFF, RFF, STB, STB, TOD, TOD, LIBD, THEF, THEF, KLL, BFO, BFO, BFO, BFO, HAU, HAU, MEZF, MEZF, MOF, HIN, HIN, HGN, HGN, HGN, HGN, GIV, GIV, FELD, BAIF, BAIF, BUG, UBBA, WTSB, CABB, CABB, GRF, DAVA, DAVA, DAVA, DAVA, LOR, LOR, LOR, SSF, SSF, SSF, MOX, MOX, MOX, CLZ, SMF, SMF, MOTA, MOTA, MOTA, AVF, AVF, SOTA, SOTA, SOTA, WTTA, WTTA, WTTA, BGF, BGF, LDF, KBA, KBA, FLN, GRR, GRR, ROF, ROF, QUIF, QUIF.

GDM Grand Maison 0.32 297 Pg Pg 08 45 15.2 +1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GDM, MBDF, MBDF, OG22, OG22, FENE, FENE, LPGA, LPGA, ORIF, ORIF, LPL, LPL, RSP, RSP, BBR, BBR, GRN, GRN, LSD, LSD, SURF, SURF, PZZ, PZZ, OCF, OCF, OG26, OG26, STVZ, STVZ, STA, STA, ENR, ENR, TOUF, TOUF, ORO, ORO, ORO, ORO, ROB, ROB, ROB, ROB, OG05, OG05, AUTN, AUTN, MVI, MVI, SMRF, SMRF, SAOF, SAOF, AUR, AUR, MONE, MONE, MON, MON, VIV, VIV, CALN, CALN, SBF, SBF, SBF, SBF, MCGN, MCGN, MCGN, MCGN, RORO, RORO, FIN, FIN, FIN, FIN, FIN, FIN, NEG, NEG, FRF, FRF, IMI, IMI, IMI, IMI, PCP, PCP, CABB, CABB, CABB, CABB, LMR, LMR, LMR, LASF, LASF, LASF, SMF, SMF, SMF, HIN, HIN, HIN, AVF, AVF, AVF, LOR, LOR, LOR, SSF, SSF, SSF, HAU, HAU, BGF, BGF, BGF, CAF, CAF, TCF, TCF, MTLF, MTLF, MTLF, RJF, RJF.

SKO 29 08:52:58.0, 4.1, 11N-20.74E, h13km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKO, PDG, PDG, NEIC, TIR, TIR, TIR, QSH, QSH, QSH, LACI, LACI, LACI, SKO, SKO, SKO, ULJC, ULJC, ULJC, PVY, PVY, TGT, TGT, OHR, OHR, OHR, BIA, BIA, TIR, TIR, QSH, QSH, LACI, LACI, LACI, SKO, SKO, SKO, ULJC, ULJC, ULJC, PVY, PVY, TGT, TGT.

ISC 29 08:52:57.6, 0.5, 41.19N-20.30E, h10km, n17, @1948/34, 11C-3D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHR, OHR, BIA, BIA, TIR, TIR, QSH, QSH, LACI, LACI, LACI, SKO, SKO, SKO, ULJC, ULJC, ULJC, PVY, PVY, TGT, TGT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR, WVT, MAW, MCM, etc.

NEIC 29 11:41:22.3, 33.37Sx70.15W, h11km, ML3.5(GUC), After GUC.

GUC 29 11:41:22.3, 0.7, 33.37Sx70.15W, h11km, 1km, MD4.1, ML3.5, 3C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FCH, CLCH, DSCH, PCH, etc.

IDC 29 11:52:13.4, 1.5, 21.08S, 69.92W, mb4.0/2, mb1 4.0/2, mb1mx3.7/10, 1D, Error ellipse: s-maj=85.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLL, SNA, MAW, ASAR, etc.

PRU 29 12:00:02.9, 51.38N, 16.12E

WAR 29 12:00:02.5, 51.45N, 16.08E, ML2.6, Mining Induced

ISC 29 11:59:59.8, 1.7, 51.46N, 0.07, 16.04E, 0.06, n8, e119/15, Poland

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

HEL 29 12:02:00.6, 0.2, 59.75N, 22.29E, ML1.8, ML2.3(UPP), ML2.1(NAO), Explosion

BER 29 12:02:01.6, 4.1, 59.86N, 22.37E, ML2.1(NAO), Suspected explosion

NAO 29 12:02:02.7, 2.5, 60.08N, 22.17E, ML2.1

ISC 29 12:01:59.6, 0.6, 59.79N, 0.05, 22.32E, 0.05, n19, e099/35, Baltic States - Belarus - Northwestern Russia

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

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

IDC 29 12:03:01.9, 1.1, 33.04N, 87.10E, mb3.6/5, mb1 3.8/7, mb1mx3.7/19, ML3.0/1, Error ellipse: s-maj=44.5km

NEIC 29 12:03:02.0, 5.0, 3.3, 12N, 86.94E, h10km, mb3.6/3, Error ellipse: s-maj=23.8km s-min=9.5km az=59.0

ISC 29 12:03:00.1, 0.7, 33.11N, 0.1, 87.1E, 0.2, h10km, n12, e115/13, mb3.6/6, Xizang

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

ISC 29 12:25:27.8, 0.4, 44.76N, 0.03, 17.96E, 0.03, h10km, n20, e098/37, 7C-3D, Northwestern Balkan Peninsula

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

MAN 29 12:42:06.1, 0.160N, 125.59E, h32km, mb3.7, ML2.4, MS1.9, 1C, Leyte

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

HEL 29 12:49:30.1, 0.3, 59.81N, 22.31E, ML1.7, ML2.4(UPP), ML2.0(NAO), Explosion

IDC 29 12:49:30.7, 1.7, 59.85N, 22.27E, mb1 2.9/4, mb1mx2.9/17, ML2.6/3, Error ellipse: s-maj=24.2km

BER 29 12:49:31.2, 3.9, 59.89N, 22.40E, ML2.0(NAO), Suspected explosion

NAO 29 12:49:33.3, 0.3, 60.21N, 22.16E, ML2.0

ISC 29 12:49:28.5, 0.6, 59.82N, 0.05, 22.37E, 0.06, n25, e149/41, Baltic States - Belarus - Northwestern Russia

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

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

STR 29 13:24:52.6, 0.1, 42.86N, 0.27W, h5km, 1km, M2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 29 13:24:52.9, 42.85N, 0.27W, h5km, ML2.5(LDG), ML2.4(STR), MN2.2(MDD), After LDG

LDG 29 13:24:52.9, 0.1, 42.88N, 0.27W, h3km, 1.4km, mblg1.8/10, Error ellipse: s-maj=2.6km s-min=1.0km az=179.0

MDD 29 13:24:53.0, 0.3, 42.88N, 0.27W, h3km, 1.4km, mblg1.8/10, Error ellipse: s-maj=3.3km s-min=1.6km az=179.0

ISC 29 13:24:52.4, 0.4, 42.88N, 0.04, 0.26W, 0.02, h5km, 6km, n27, e094/44, Pyrenees

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

Code Station Name Azimuth Phase ID Time Res

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

NEIC 29 13:29:16.5, 0.7, 18.02Sx178.49W, h600km, mb4.0/5, Error ellipse: s-maj=24.3km s-min=16.3km az=171.0

IDC 29 13:29:20.8, 2.5, 17.88Sx178.70W, h5km, 31km, mb3.0/7, mb1 3.2/7, mb1mx3.2/12, Error ellipse: s-maj=45.7km

ISC 29 13:29:18.8, 2.8, 17.9S, 0.2, 178.7W, 0.1, h644km, 36km, n18, e092/19, mb3, 10, 3C, Fiji Islands Region

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

29d 14h

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

NIED 29 13:50:00.20, 20N, 121.90E, h8km, Mw4.0. Best double couple: M9.57x1014 NP19x351°, 880°, λ-147°. NP2: φ=254°, δ=57°, λ-12°.

MAN 29 13:50:11.5, 20.65N, 120.81E, h143km, mb4.4, ML3.3, MS3.1

DC 29 13:50:17.6, 0.9, 19.97N, 121.78E, mb3.8/8, mb1 4.0/8, mb1mx3.9/18, MS3.1/2, Ms1 3.2, ms1mx2.9/15, Error ellipse: s-maj=38.1km s-min=18.2km az=66.0

NEIC 29 13:50:23.6, 0.5, 19.89N, 121.70E, h45km, mb4.1/1, Error ellipse: s-maj=9.1km s-min=9.9km az=63.0

ISC 29 13:50:27.0, 0.6, 19.91N, 0.05, 121.5E, 0.1, h58km, 7km, n19, <110>23, mb3.7/9, MS2.8/1, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like BBP Basco, BBP BBP, SCGP Mt. Cagua, etc.

DC 29 13:55:44.2, 5.3, 27S, 131.90E, mb3.8/4, mb1 3.9/5, mb1mx3.8/13, ML3.5/1, Error ellipse: s-maj=14.0km, s-min=30.1km az=70.0

NEIC 29 13:55:55.0, 7.7, 28S, 130.46E, h79km, 37km, mb4.0/3, Error ellipse: s-maj=53.7km s-min=23.8km az=73.0

ISC 29 13:55:43.3, 3.8, 3.62S, 0.1, 131.3E, 0.3, h7km, 23km, n13, <116>16, mb3.9/5, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like KAKA Kakadu, KAKA FITZ, WRAB Tennant Creek, etc.

STR 29 13:56:06.7, 0.1, 42.85N, 0.26W, h5km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 29 13:56:07.5, 0.7, 42.85N, 0.27W, h1km, 74km, mbLQ0.9/4, Error ellipse: s-maj=5.1km s-min=1.9km az=177.0, PRXIMO

LDG 29 13:56:07.0, 0.1, 42.84N, 0.27W, h2km, Md2.0/2, Error ellipse: s-maj=1.9km s-min=0.7km az=174.0, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like VIEF View, VIEF VIEF, VIEF VIEF, etc.

2004 SEP

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like EALK Alkuruntz, SURF Saint Ours, SURF Mont Tournai, etc.

WEL 29 14:37:59.1, 0.2, 37.93S, 176.41E, h158km, 23km, ML3.7/5, 1C-1D, Error ellipse: s-maj=2.4km s-min=2.2km az=0.0, North Island

Code Station Name Az AzZ Phase ID Time Res ICS h m s ICS

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like URZ Urewera, URZ Matawai, URZ Blak Stump Fm, etc.

DC 29 14:48:06.4, 11.0, 61.82S, 152.84E, mb3.8/4, mb1 3.9/4, mb1mx3.9/6, MS3.7/3, Ms1 3.7/3, ms1mx3.5/10, Error ellipse: s-maj=373.0km s-min=29.2km az=99.0, Balleny Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like RPZ Rata Peaks, URZ Urewera, STKA Stephens Creek, etc.

NEIC 29 14:50:31.5, 33.38S, 70.13W, h9km, mb4.5/3, ML4.4(GUC), After GUC.

NEIC Felt [III] at Santiago, Valparaiso and Vina del Mar [II] at Limache and Panquehue.

GUC 29 14:50:31.5, 0.7, 33.38S, 70.13W, h9km, 1km, MD4.4, ML4.4

ISC 29 14:50:31.6, 0.8, 33.36S, 0.03, 70.11W, 0.05, h9km, 4km, n28, <080>41, mb4.3/3, 12C-7D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like FCH Farellones, CLCH Cerro Calan, DSCH Colegio Aleman, etc.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like IHA San Fernando, SFDO Talca, TROC Torquist, etc.

DC 29 14:57:48.3, 0.6, 0.58S, 135.72E, mb5.0/14, mb1 5.0/16, mb1mx5.0/21, ML3.9/2, MS4.4/16, Ms1 4.4/16, ms1mx4.2/20, Error ellipse: s-maj=26.8km s-min=13.1km az=74.0

DJA 29 14:57:50.7, 1.5, 0.51S, 135.98E, h53km, 12km, mb5.1/2, Error ellipse: s-maj=139.7km s-min=7.1km az=11.0

MOS 29 14:57:51.7, 1.5, 0.63S, 135.63E, h33km, mb5.0/10, Error ellipse: s-maj=23.0km s-min=11.1km az=113.7

NEIC 29 14:57:56.5, 1.3, 0.67S, 135.68E, h63km, 11km, mb4.9/25, Error ellipse: s-maj=10.8km s-min=5.1km az=57.0

NEIC Felt [IV] at Biak, HRVD 29 14:57:56.5, 0.2, 0.55S, 135.75E, h18km, MW5.3/6/9, Centroid moment tensor: Source. LP body waves: s7, c98, Mantle waves: s69, c120; Half duration: 1s1

Moment tensor: Scale 10^17Nm; Mw=0.69±0.02; Mw-0.68±0.01; Mw-0.21±0.01; Mw-0.73±0.04; Mw-0.30±0.01; Mw-0.47±0.04; Best double couple: Mo1.2x10^17 NP19x116°, δ18°, λ76°, NP2x31°, δ73°, λ94°. Principal axes: T 1.22, N1962°, Azm228°, N1-03, P164°, Azm129°, P-1.19, P1628°, S377°, nst21 refers to body waves, cutoff=40s. nst22 refers to surface waves, cutoff=50s

BUI 29 14:57:57.0, 0.70S, 135.70E, h63km, mb4.9/8, Ms4.7, Ms2.4

ISC 29 14:57:55.2, 1.3, 0.76S, 0.03, 135.61E, 0.06, h66km, 11km, n110, <113>114, mb4.8/39, 6C-8D, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like SWI Sorong, YOMI Yo Mokole, YOMI Yo Mokole, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like BUNI Buntu Taipa, NINI Niniconang, TANI Tanete Lijupan, etc.

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

SSE	comp=Z,28nm,0.7s,mb5.2	S	S	15 04 55.6	-8.1
SSE		S	P	15 09 59.5	-2.7
SSE		S	S	15 10 14.8	
SSE		LR	LR		
KLBR	comp=Z,430nm,20.8s	eP	P	15 04 43.6	+0.1
NVAO	Kellerberrin 35.01 207	eP	P	15 04 55.9	+0.8
NVAO	comp=Z,13nm,0.7s,mb4.9	P	P	15 07 19.2	+0.6
NVAO	Narogin (SRO) 36.37 207	P	P	15 04 55.9	+0.8
NVAO	comp=Z,13nm,0.7s,mb5.0,baz=37,slow=8.7,SNR=14	P	P	15 04 55.9	+0.8
NVAO	Narogin (SRO) 36.37 207	P	P	15 04 55.9	+0.8
NVAO	comp=Z,6.6nm,0.8s,baz=273,slow=2.6,SNR=3.6	P	P	15 07 19.2	
NVAO	Narogin (SRO) 36.37 207	P	P	15 07 19.2	
NVAO	comp=Z,13nm,0.7s	pmax	pmax		
NVAO	comp=Z,7.0nm,0.8s	pmax	pmax		
KKTK	Khon Kaen 36.54 299	P	P	15 04 57.0	+0.4
CNB	Canberra Magne 36.69 161	eP	P	15 04 58.4	+0.7
TOO	Toolangi 37.75 167	iP	P	15 05 08.1	+1.6
ENH	comp=Z,10nm,0.7s,mb4.9	P	P	15 05 20.2	-2.1
CMAR	Chiang Mai Arr 40.74 300	P	P	15 05 31.9	+0.1
CMAR	comp=Z,5.4nm,0.8s,mb4.8,baz=118,slow=6.9,SNR=39	P	P	15 07 34.1	+1.6
CMAR	comp=Z,3.0nm,0.9s,baz=139,slow=2.0,SNR=8.1	P	P	15 21 13.2	
CMAR	comp=Z,243nm,20.8s,baz=130,slow=34	P	P	15 05 32.0	+0.2
CMAR	Chiang Mai Arr 40.78 300	P	P	15 07 34.2	
CMAR	comp=Z,5.0nm,0.8s	pmax	pmax		
CMAR	comp=Z,3.0nm,0.9s	pmax	pmax		
KMI	Kunming 40.91 311	iP	P	15 05 33.5	+0.7
KMI	comp=Z,13nm,1.1s,mb4.7	AMB	AMB		
KMI	comp=Z,60nm,4.8s	LR	LR		
KMI	comp=N,325nm,18.4s	LR	LR		
KMI	comp=E,388nm,22.8s	LR	LR		
KMI	comp=Z,589nm,19.2s	LR	LR		
KMI	Kunming 40.91 311	iP	P	15 05 33.6	+0.8
KMI	comp=Z,13nm,1.1s,mb4.7	AMB	AMB		
KMI		pP	pP	15 05 49.4	+0.1
KMI		PP	PP	15 07 02.5	-8.5
KMI		S	S	15 11 24.7	
KMI		sS	sS	15 11 49.4	
KMI		SS	SS	15 13 59.8	
KMI		Sx	Sx		
CHG	Chiang Mai 40.93 300	P	P	15 05 40.8	+7.8
XAN	Xi'an 42.73 327	P	P	15 05 47.5	-0.2
XAN	comp=Z,590nm,19.2s	AMB	AMB		
BJI	Beijing 44.31 339	P	P	15 06 07.0	+6.5
BJI	comp=Z,8.0nm,1.2s,mb4.3	SS	SS	15 15 45.0	+4.5
BJI	comp=Z,9.0nm,0.7s,mb4.6	LR	LR		
BJI	comp=N,574nm,20.3s	LR	LR		
BJI	comp=E,434nm,23.7s	LR	LR		
BJI	comp=Z,654nm,21.2s	P	P	15 06 06.9	+6.4
BJI	Beijing 44.31 339	P	P	15 06 06.9	+6.4
BJI	comp=Z,9.0nm,0.7s,mb4.6	S	S	15 12 19.0	-10
BJI		SS	SS	15 15 45.1	+4.6
BJI		LR	LR		
HHC	Hu-ho-hao-te 46.83 335	eP	P	15 06 20.0	-0.4
HHC	comp=Z,10.0nm,0.8s,mb4.6	AMB	AMB		
LZH	Lanzhou 47.08 324	iP	P	15 06 24.0	+1.5
LZH	comp=Z,39nm,1.2s,mb5.0	AMB	AMB	15 08 11.5	-1.9
LZH	comp=N,317nm,13.0s	LR	LR		
LZH	comp=Z,442nm,17.2s	P	P	15 06 24.1	+1.6
LZH	Lanzhou 47.08 324	iP	P	15 06 24.1	+1.6
LZH	comp=Z,39nm,1.2s,mb5.0	pP	pP	15 06 34.2	-5.0
LZH		SP	SP	15 06 38.3	-8.5
LZH		PP	PP	15 08 11.5	-1.9
LZH		LR	LR		
LZH	comp=Z,440nm,17.2s	LR	LR		
KLR	Kul'dur 49.90 357	eP	P	15 06 46.2	+2.1
KLR	comp=Z,13nm,0.7s,mb4.9	eS	S	15 13 48.0	+0.1
KLR	Putchoki 55.80 304	P	P	15 06 57.8	-0.8
GTA	Gaotai 51.68 325	eP	P	15 08 57.5	+1.1
GTA	comp=Z,7.0nm,1.0s,mb4.7	SS	SS	15 14 14.8	+2.2
GTA	comp=Z,67nm,5.7s	AMB	AMB	15 17 49.3	+1.7
GTA	comp=N,91nm,16.0s	LR	LR		
GTA	comp=E,170nm,16.0s	LR	LR		
LSA	Lhasa 52.09 309	P	P	15 07 03.0	+2.1
RPZ	Rata Peaks 53.15 148	P	P	15 07 08.7	-0.1
RPZ	comp=Z,78nm,1.3s,mb5.6,baz=57,slow=3.2,SNR=5.5	LR	LR	15 28 46.6	
URZ	Urewera 53.30 139	P	P	15 07 10.2	+0.3
URZ	comp=Z,11nm,1.0s,mb4.8,baz=231,slow=20,SNR=5.4	P	P	15 07 28.8	-1.0
SONM	Songino Array 54.67 336	P	P	15 07 26.9	-1.3
SONM	comp=Z,0.7nm,0.5s,mb3.9,baz=166,slow=5.9,SNR=2.7	P	P	15 07 28.7	-0.8
PKI	Putchoki 55.80 304	P	P	15 07 26.9	-1.3
KKN	Kakani 55.98 305	eP	P	15 07 28.7	-0.8
DMN	Daman 56.06 304	eP	P	15 07 29.4	-0.7
GKN	Gorkha 56.59 305	eP	P	15 07 33.3	-0.6
PET	Petropavlovsk 56.95 16	eP	P	15 07 42.5	+6.4
PET	comp=Z,15nm,0.9s,mb5.0	eS	S	15 15 23.0	-0.2
PET	comp=Z,15nm,0.9s,mb5.0	eS	S	15 19 13.8	+0.1
PET	comp=N,34nm,12.5s	pmax	pmax		
PET	comp=Z,66nm,14.2s	MLR	MLR		
KOLN	Koldana 57.36 304	eP	P	15 07 38.8	-0.6
ZAK	Zakamensk 57.94 336	eP	P	15 07 40.1	-2.9
ZAK	Hydrabad 58.99 291	iP	P	15 09 56.6	
HYB	Hydrabad 58.99 291	eP	P	15 07 50.5	-0.2
TRD	Triandrum 59.16 280	eP	P	15 07 49.4	-2.6
BOD	Bodaibo 60.89 347	eP	P	15 08 02.8	-0.5
WMQ	Urumqi 61.57 322	P	P	15 08 08.3	+0.2
WMQ	comp=Z,13nm,0.8s,mb5.0	AMB	AMB	15 10 28.5	+2.1
WMQ	comp=Z,39nm,8.7s	LR	LR		
WMQ	comp=N,161nm,19.0s	LR	LR		
WMQ	comp=E,148nm,21.0s	LR	LR		
WMQ	comp=Z,132nm,20.3s	LR	LR		
YAK	Yakutsk 62.78 357	eP	P	15 08 14.8	-1.1
YAK	comp=Z,10.0nm,0.8s,mb4.8	pmax	pmax		
YAK	comp=N,3.0nm,0.9s	pmax	pmax		
YAK	Yakutsk 62.78 357	eP	P	15 08 14.3	-1.6

MKAR	Makanchi Array 66.37 323	P	P	15 08 38.3	-1.0
MKAR	comp=N,24nm,0.9s,mb5.1	LR	LR	15 08 26.3	
MKAR	comp=N,4.6nm,0.7s,mb4.4,baz=108,slow=6.9,SNR=39	LR	LR	15 08 28.3	
CASY	Casey 67.77 191	eP	P	15 05 48.1	+0.4
TKM2	Tokmak 2 69.01 317	P	P	15 08 56.3	+0.5
UCH	Uchtor 69.50 316	P	P	15 09 00.3	+1.4
UCH	SNR=12				
AAK	Ala-Archa 69.66 316	eP	P	15 08 59.6	-0.2
AAK	comp=N,11nm,1.3s,mb4.5	P	P	15 09 01.9	+0.6
USP	Ospenovka 69.88 317	P	P	15 09 01.9	+0.6
USP	SNR=7.9				
NVS	Novosibirsk 69.98 331	iP	P	15 08 59.5	-2.1
NVS		i		15 11 30.9	
NVS	comp=Z,12nm,1.6s,mb4.5	pmax	pmax		
NVS	comp=N,9.0nm,1.3s	pmax	pmax		
NVS	comp=E,4.0nm,0.8s	pmax	pmax		
NVS	Almayushu 70.04 316	P	P	15 09 03.4	+1.2
NVS	SNR=26				
EKS2	Erkin-Say 70.16 316	P	P	15 09 03.7	+0.8
EKS2	SNR=6.8				
KURK	Kurchatov 70.36 326	iP	P	15 09 03.1	-0.8
KURK	comp=Z,7.6nm,1.0s,mb4.5	eP	P	15 09 02.4	-1.5
MIR	Mirnyy 72.15 197	eP	P	15 09 16.8	+2.4
MIR	comp=Z,55nm,1.5s,mb5.2	pmax	pmax		
PPT	Papeete 75.20 108	eS	S	15 19 09.7	+3.3
PPT		eSS	SS	15 23 56.1	-3.6
PPT		eR		15 32 23.8	
TBI	Tubuai 75.87 114	eR	S	15 19 16.0	+3.4
TBI	comp=Z,226nm,22.8s	eR		15 32 59.5	
BVAR	Borovyoye Array 75.95 326	P	P	15 09 36.5	-0.1
BVAR	comp=Z,17nm,1.1s,mb4.7,baz=117,slow=6.6,SNR=36	P	P	15 09 36.6	-0.5
BRVK	Borovyoye 76.03 326	eP	P	15 09 36.6	-0.5
BRVK	comp=Z,13nm,1.0s,mb4.6				
ZRNB	Zerenda 76.72 325	eP	P	15 09 40.8	+0.0
ZRNB	comp=Z,12nm,1.0s,mb4.6	eP	P	15 09 54.3	+2.2
SBK	Scott Base 78.81 174	eP	P	15 10 15.2	+2.0
MAW	Mawson 82.77 202	eP	P	15 10 15.7	+2.5
MAW	comp=Z,8.3nm,1.0s,mb4.5				
MAW	Mawson 82.77 202	P	P	15 10 15.7	+2.5
MAW	comp=Z,9.6nm,0.9s,mb4.6,baz=77,slow=5.2,SNR=19	LR	LR	15 44 08.2	
MAW	comp=Z,362nm,20.5s,baz=67,slow=34	LR	LR	15 10 17.0	+0.1
ARU	Arti 83.48 327	iP	P	15 10 17.0	+0.1
ARU	comp=Z,232nm,21.8s,baz=290,slow=33	e	ePPP	15 19 22.9	-2.9
ARU		eS	S	15 20 30.1	-1.6
ARU		eSS	SSS	15 29 28.1	0.0
ARU	comp=Z,12nm,1.1s,mb4.6	pmax	pmax		
ARU	comp=N,100nm,22.0s	MLR	MLR		
ARU	comp=N,100nm,22.0s	MLR	MLR		
ILAR	Eielson Array 85.36 25	P	P	15 10 25.1	-1.1
ILAR	comp=E,1.0nm,20.0s				
ILAR	Eielson Array 85.36 25	P	P	15 10 25.1	-1.0
ILAR	comp=Z,2.4nm,0.7s,mb4.8,baz=80,slow=7.4,SNR=6.2	pmax	pmax		
RAYN	Ar Rayn 90.40 293	P	P	15 10 52.2	+0.9
RAYN	comp=Z,48nm,1.0s,mb5.6,SNR=10.0				
GNI	Garni 91.15 310	LR	LR	15 52 21.1	
GNI	comp=Z,53nm,22.0s,baz=356,slow=36				
ARCES	ARCCESS Array B 97.65 341	P	P	15 11 22.9	-0.5
ARCES	comp=Z,2.4nm,0.7s,mb4.8,baz=80,slow=7.4,SNR=6.2				
ARCES	comp=Z,197nm,18.1s,baz=204,slow=38	LR	LR	16 00 54.1	
ASF	Jabal al Asfar 97.78 302	LR	LR	16 02 19.3	
ASF	comp=Z,7.4nm,20.4s,baz=232,slow=40				
YKA	Yellowknife Ar 99.72 26	LR	LR	15 52 55.0	
YKA	comp=Z,232nm,21.8s,baz=290,slow=33				
FINES	FINES Array B 99.91 333	LR	LR	16 01 52.5	
FINES	comp=Z,210nm,18.4s,baz=256,slow=38				
LVC	Limon Verde 146.68 136	ePKPab	PKPab	15 17 33.4	-0.5
ROSC	El Rosal 149.83 162	ePKPbc	PKPbc	15 17 42.5	+8.4
ROSC	comp=Z,2.8nm,0.4s,baz=321,slow=1.9,SNR=4.5				
LPZ	La Paz 151.09 127	ePKPdc	PKPdc	15 17 39.3	+3.5
LPZ	comp=Z,2.8nm,0.4s,baz=321,slow=1.9,SNR=4.5	ePKPbc	PKPbc	15 17 45.7	+1.0
SDV	Santo Domingo 152.65 72	ePKPdc	PKPdc	15 17 41.1	+2.9

GUC 29 15:05:08.0.2, 83.38S, 70.14W, h10km, 1km, MD3.7, ML3.0, 8C-8D, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
FCH	Farellones	0.14	292	iP	Op	15 05 12.2	+0.6
FCH		iS	Sg			15 05 14.9	+1.1
FCH		AMP				15 05 15.1	
CLCH	Cerro Calan	0.34	267	iP	Pg	15 05 15.8	+0.6
CLCH		iS	Sg			15 05 21.1	+1.5
CLCH		AMP				15 05 22.6	
FSR	Penalolen	0.34	253	iP	Pg	15 05 15.8	+0.6
FSR		iS	Sg			15 05 21.4	+1.4
FSR		AMP				15 05 21.7	
DSCH	Colepio Aleman	0.36	267	iP	Pg	15 05 16.2	+0.5
DSCH		iS	Sg			15 05 22.3	+1.6
DSCH		AMP				15 05 23.2	
PCH	Pirque	0.40	233	iP	Pg	15 05 16.7	+0.3
PCH		iS	Sg			15 05 22.9	+1.2
STL	Santa Lucia	0.43	262	iP	Pg	15 05 17.1	+0.4
STL		iS	Sg			15 05 24.0	+1.2
STL		AMP				15 05 24.3	
ANTU	Antumapu	0.46	246	iP	Pg	15 05 17.8	+0.2
ANTU		iS	Sg			15 05 24.7	+0.9
ANTU		AMP				15 05 25.7	
PEL	Peidehue	0.52	297	iP	Pg	15 05 19.1	+0.4
PEL		iS	Sg			15 05 26.5	+0.8
PUEX	Pudahuel	0.53	263	iP	Pg	15 05 19.0	+0.1
PUEX		iS	Sg			15 05 27.3	+1.4
PUEX		AMP				15 05 27.7	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sun Moon Lake, Yung-k'ang, Gukeng, Hengchun, etc.

MOS 29 15:42:06.7, 1.2, 4.0, 81N-29.02E, h10km, mb3.8/6, Error ellipse: s-maj=9.5km s-min=6.3km az=103.9

THE 29 15:42:07.2, 4.0, 86N-29.08E, h5km, ML4.3

ISK 29 15:42:07.8, 4.0, 79N-29.02E, h14km, MD4.0, ML4.0

NEIC 29 15:42:07.7, 4.0, 78N-29.02E, h12km, mb3.8/2, MD4.0(ATH), ML4.0(ISK), After ISK

NEIC Felt at Istanbul.

IDD 29 15:42:09.2, 2.5, 41.00N-29.15E, mb3.6/5, mb1 3.8/6, m1mx3.6/18, ML4.6/1, Error ellipse: s-maj=36.5km s-min=23.9km az=53.0

ATH 29 15:42:16.3, 4.0, 50N-27.83E, h5km

BUC 29 15:43:14.5, 0.7, 45.11N-36.72E, h36km, 4km, Error ellipse: s-maj=13.8km s-min=4.2km az=116.0

ISC 29 15:42:07.8, 0.3, 40.79N-0.02, 29.00E, 0.02, h14km, 2km, n119, e099/143, mb3.7/6, 4C-8D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Buyukada, Istanbul-Kandi, Yalova, Bogazkoy, etc.

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

BER 29 16:00:04.6, 4.1, 77.11N-18.05E, h15km, 128km, region

NAO 29 15:59:59.0, 2.3, 76.99N-18.59E, ML2.3, Svalbard

Code Station Name Az Phase ID Time Res ISC

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

BER 29 16:04:58.8, 3.9, 57.37N-17.15E, ML2.6(NAO), Suspected explosion

HEL 29 16:04:59.0, 0.1, 57.63N-17.05E, ML2.2, ML3.0(UPP), ML2.6(NAO), Explosion

NAO 29 16:05:00.6, 5.0, 57.62N-17.15E, ML2.6

IDD 29 16:05:01.1, 2.2, 57.78N-16.80E, mb1 3.2/4, mb1mx3.2/17, ML3.1/3, Error ellipse: s-maj=22.7km s-min=9.4km az=16.0

ISC 29 16:04:56.4, 0.5, 57.74N-0.04, 17.17E, 0.06, n28, e149/47, Baltic Sea

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

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

NEIC 29 16:27:34.9, 2.1, 4.63S-153.17E, h80km, 14km, mb4.5/9, Error ellipse: s-maj=28.1km s-min=13.1km az=103.0

IDD 29 16:27:38.4, 7.7, 4.85S-153.13E, h108km, 55km, mb3.9/6, mb1 4.0/7, mb1mx3.9/13, MS3.6/2, Ms1 3.6/2, ms1mx2.9/18, Error ellipse: s-maj=62.0km s-min=28.4km az=87.0

ISC 29 16:27:34.0, 2.2, 4.71S-0.09, 153.2E, 0.2, h79km, 15km, n26, e111/25, mb4.3/14, 2C, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RAB, PMG, CTA, WAKA, etc.

IDD 29 16:42:01.3, 4.7, 5.80S-102.43E, mb3.3/3, mb1 3.5/3, mb1mx3.4/14, Error ellipse: s-maj=222.0km s-min=29.1km az=50.0, Southern Sumatara

Code Station Name Az Phase ID Time Res ISC

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

IDD 29 16:51:25.3, 1.3, 9.47S-78.97W, mb4.1/3, mb1 4.5/3, mb1mx4.2/11, MS3.5/2, Ms1 3.4/2, ms1mx3.2/15, Error ellipse: s-maj=57.9km s-min=43.8km az=70.0

NEIC 29 16:51:35.2, 1.4, 9.35S-79.04W, h69km, 12km, mb4.4/4, Error ellipse: s-maj=25.0km s-min=7.9km az=76.0

ISC 29 16:51:34.0, 0.2, 1.9, 24S-0.09, 78.9W, 0.2, h65km, 19km, n24, e113/12, mb4.1/5, 2C-2D, Near coast of northern Peru

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

29d 18h

Table of radio stations and frequencies for the 29d 18h period. Includes stations like Saint Gilles, Les Forges d'A, Etsau, Magnote du Re, etc.

2004 SEP

Table of radio stations and frequencies for the 2004 SEP period. Includes stations like Ruppelstein, WLSch, FIN, MCGN, etc.

716

Table of radio stations and frequencies for the 716 period. Includes stations like Bratislava, Moravsky Berou, Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pawanui, Takapari Road, Birch Farm, etc.

IDC 29 19:29:27.62,4,9.89S; 112.43E, mb3.7/3, mb1 3.8/4, mb1mx3.6/14, ML3.4/1, Error ellipse: s-maj=120.0km s-min=23.0km az=46.0

DJA 29 19:29:28.9,1.2,9.79S; 112.53E, h2km, ML4.9/4, Error ellipse: s-maj=36.7km s-min=25.5km az=137.0

ISC 29 19:29:30.9,1.3,9.75S, 0.1, -1.12, 6E, 0.1, h33km, n8, c087/11, mb3.6/3, 1C-5D, South of Hawaiki

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

NIED 29 19:36:00.28, 28.40N, 142.50E, h5km, Mw4.3 Best double couple: M3.17x10^15 NP1.9x235°, 874°, λ111°. NP2.9x10^15, 826°, λ39°

IDC 29 19:36:09.1, 0.6, 28.34N; 142.70E, mb4.3/12, mb1 4.4/14, mb1mx4.3/23, ML4.1/2, MS3.6/3, Ms1 3.6/3, ms1mx3.1/28, Error ellipse: s-maj=23.8km s-min=12.8km az=96.0

BUI 29 19:36:10.4, 28.30N; 142.60E, h21km, mb4.6, Ms4.7

JMA 29 19:36:11.6, 0.1, 28.41N; 142.50E, h20km, M4.9

NEIC 29 19:36:12.4, 0.3, 28.32N; 142.63E, h22km, 21km, mb4.6/19, MW4.3(NIED), Error ellipse: s-maj=9.4km s-min=7.1km az=102.0

MOS 29 19:36:12.0, 0.1, 28.44N; 142.78E, h33km, mb4.7/8, Error ellipse: s-maj=23.6km s-min=10.7km az=106.6

ISC 29 19:36:10.1, 1.2, 28.43N; 0.02, 142.56E, 0.08, h17km, 8km, n95, c19/199, mb4.5/33, MS4.0/2, 6C-5D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, Boso 1, Boso 2, etc.

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

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MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

MAT Matsushiro 19m, 0.8s

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

CMAR Chiang Mai Arr 41.04 266 P P 19 43 54.7 +0.3

CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

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CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

CMAR Chiang Mai Arr 41.04 266 P P 19 43 55.2 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGGU Iggoon, NOA NORSTAR Array B, etc.

IGGU Iggoon 3.33 1 P Pn 19 46 18.1 +1.3

NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

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NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

NOA NORSTAR Array B 4.65 321 P Pn 19 46 33.5 -1.9

TAP 29 19:51:10.2, 24.50N; 122.12E, h75km, ML3.0

JMA 29 19:51:15.9; 0.1, 24.80N; 122.23E, h73km, M2.0, Taiwan region

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

STR 29 19:57:20.9; 0.3, 45.19N; 6.33E, h2km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 29 19:57:21.8; 0.1, 45.20N; 6.47E, h2km, M2.2/2, M12.0/3, Error ellipse: s-maj=2.9km s-min=2.0km az=94.0

ISC 29 19:57:21.0; 0.5, 45.22N; 0.02, 6.39E, 0.04, h2km, n10, c087/19, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPG La Plagne, LPL La Plagne, etc.

ISC 29 20:12:39.0, 8.45, 75N; 0.06, 11.95E; 0.06, h2km, n16, c071/18, 10C-2D, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CGRP Cima Grappa, CAE Caneva, etc.

DAVA Damuels 2.10 318 // Pn 20 11 01.7 +1.2

Table with 3 columns: Station Name, Time, Res. Includes DAVA, DAVB, DAVC.

MDD 29:20:19.02:7.0,3,42.36N,2.14E, h5km,5km, mbLg1.6/6, Error ellipse: s-maj=3.3km s-min=2.1km az=165.0, PRXIMO AftershockFLCA

LDG 29:20:19.02:6.0,2,42.36N,2.17E, h4km, M1.1/9.8, Error ellipse: s-maj=3.4km s-min=1.8km az=175.0, STR 29:20:19.03:1.0,7,42.77N,2.25E, h5km,1km, M1.2/3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 29:20:19.00:5.0,6,42.36N,0.03:2.18E,0.03, h9km,4km, n20, s=129/36, 1C, Pyrenees

Main station list table for the first section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

KRSC 29:20:24:33.0:1.1,52.58N,159.68E, h16km,2km, ML3.8, Off east coast of Kamchatka Peninsula

Main station list table for the second section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

ICD 29:20:36:11:7.2,6,16.21S,173.77W, mb3.9/5, mb1 4/2,5, mb1mx4.1/12, MS3.4/3, Mst 1 3/4,3, ms1mx3.1/20, Error ellipse: s-maj=145.0km s-min=25.0km az=143.0, ISC 29:20:36:15.6:2.2,16.25S,0.0:7.173 SW,0.6, h33km, n8, s=069/5, mb3.9/5, MS3.6/2, Tonga Islands

Main station list table for the third section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Table with 3 columns: Station Name, Time, Res. Includes ILAR, BRTR, GERES.

ICD 29:20:51:17.9:0.8,54.83N,160.39W, mb4.4/17, mb1 4/6,2/1, mb1mx4.5/27, ML4.0/4, MS3.5/12, Mst 1.3/5,1/2, ms1mx3.3/32, Error ellipse: s-maj=23.0km s-min=14.8km az=174.0, Pn6

BJJ 29:20:51:22.7,55.27N,160.03W, h43km, mb4.7, mb4.8, MS4.3, Ms2.1/4

NEIC 29:20:51:25.4:0.3,54.87N,160.18W, h49km,2km, mb4.6/38, MS3.8/3, ML4.6(AE)IC, Error ellipse: s-maj=5.7km s-min=2.2km az=156.0

MOS 29:20:51:26.2:0.9,55.72N,160.90W, h28km, mb4.8/17, Error ellipse: s-maj=20.0km s-min=8.1km az=93.4

ISC 29:20:51:23.7:0.4,54.84N,160.04:160.11W,0.04, h49km,2km, h20km,6.4km, p-P, n228, s=1902/229, mb4.6/65, MS3.6/17, 14C-4D, Alaska Peninsula

Main station list table for the fourth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

KDAD Kodiak Island 5.12 52 P 20 52 38.0 -2.0

Main station list table for the fifth section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

DLBC Dease Lake 16.86 65 P 20 55 18.5 +1.2

DLBC Dease Lake 16.86 65 eP 20 55 18.1 +0.7

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

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DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

DLBC Dease Lake 16.86 65 eP 20 55 33.6 -1.4

Table with 3 columns: Station Name, Time, Res. Includes DUG, PDAR, YAK.

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

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Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

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Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

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Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

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Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

Paradox Valley 37.82 94 eP 20 58 38.2 +1.3

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

IDC 30 00:28:27.2, 13.0, 30.05S, 178.46W, h177km, 120km, mb3.2, mb1 3.4/3, mb1mx3/0.10, Error ellipse: s-maj=105.0km s-min=60.2km az=11.0, Kermadec Islands

IDC 30 00:35:14.1, 6.0, 21.00S, 178.70W, h575km, 69km, mb3.2/8, mb1 3.5/8, mb1mx3.4/13, Error ellipse: s-maj=93.2km s-min=28.7km az=155.0

NEIC 30 00:35:15.3, 4.2, 21.01S, 178.76W, h590km, 49km, mb4.0/7, Error ellipse: s-maj=21.3km s-min=18.0km az=77.0

IDC 30 00:35:14.2, 0.7, 21.0S, 0.2, 178.8W, 0.1, h590km, n23, c0555/20, mb3.8/12, Fiji Islands region

IDC 30 00:48:38.2, 38.85N, 21.16E, h5km, MD3.3(ATH), After ATH

ATH 30 00:48:38.2, 38.84N, 21.16E, h5km, MD3.3/7

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

IDC 30 00:57:44.0, 1.7, 48.28N, 154.70E, mb3.6/8, mb1 3.8/8, mb1mx3.7/23, Error ellipse: s-maj=57.5km s-min=25.2km az=88.0

MOS 30 00:57:49.9, 3.0, 48.35N, 154.35E, h51km, mb4.0/4, Error ellipse: s-maj=38.1km s-min=16.5km az=71.5

ISG 30 00:57:45.5, 3.9, 48.3N, 0.1, 154.9E, 0.2, h2km, 28km, n15, c0570/17, mb3.7/8, Kuril Islands

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

IDC 30 01:37:00.4, 30.1N, 146.90E, h35km, Mw4.2 Best double couple: M1.9x10^15 N1.1e18, P63, lambda64. NP2.0e2466, delta7, lambda131

MOS 30 01:37:45.2, 1.8, 43.23N, 146.94E, h33km, mb4.6/5, Error ellipse: s-maj=35.7km s-min=15.2km az=122.9

JMA 30 01:37:46.9, 0.4, 43.27N, 146.85E, h39km, 44km, M4.0

SKHL 30 01:37:47.2, 2.0, 43.10N, 146.30E, h33km, mb5.7/1

IDC 30 01:37:53.7, 3.6, 43.36N, 146.53E, h87km, 31km, mb3.6/8, mb1 3.8/9, mb1mx3.6/22, MS3.3/2, Ms1 3.4/2, ms1mx2.6/37, Error ellipse: s-maj=27.4km s-min=20.7km az=96.0

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

PRU 30 01:06:33.2, 51.44N, 16.14E

WAR 30 01:06:33.6, 51.47N, 16.11E, ML2.7, Mining Induced

ISG 30 01:06:31.9, 1.4, 51.42N, 0.06, 16.04E, 0.07, n9, c1509/16, Poland

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

IDC 30 01:07:44.1, 2.4, 10.86S, 113.77E, mb3.5/4, mb1 3.7/5, mb1mx3.6/15, ML3.2/1, Error ellipse: s-maj=117.0km s-min=21.3km az=46.0

DJA 30 01:07:44.3, 1.1, 10.83S, 113.85E, h2km, MD5.1/1, ML4.0/2, Error ellipse: s-maj=33.4km s-min=24.1km

NEIC 30 01:07:50.9, 1.1, 10.45S, 114.00E, h40km, mb3.8/1, Error ellipse: s-maj=22.0km s-min=12.8km az=60.0

ISG 30 01:07:44.4, 3.6, 10.84S, 0.08, 114.0E, 0.1, h2km, 29km, n13, c1506/17, mb3.5/5, 6D, South of Java

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

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

IDC 30 01:36:53.5, 24.0, 45.31N, 149.98E, h174km, 226km, mb3.0/6, mb1 3.3/6, mb1mx3.2/20, MS3.1/1, Ms1 3.1/1, ms1mx2.5/7, 1C-2D, Error ellipse: s-maj=41.6km s-min=22.4km az=115.0, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNAZ, VNA3, VNA1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2, NEM2, YUK, etc.

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

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

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

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

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

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

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

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

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like KIV Kislovodsk, AKASV Malin Array Be, SNAAS Sanae, etc.

CASC 30 01:59:22.51.5, 13.91N-90.58W, h96km, 7km, MD3.9, ML4.1, 6C-4D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like IXG Ixpaco, CUSS Cusmapa, NBG Las Nubes, etc.

IDC 30 02:07:16.0.11.0, 27.27N-54.04E, mb3.7/5, mb1 3.8/6, mb1mx3.8/22, ML3.7/1, Error ellipse: s-maj=212.0km

s-min=32.4km, az=178.0. KISR 30 02:07:18.2.0.8, 27.91N-54.16E, h7km, 999km, ML3.5, THR 30 02:07:26.8.1.1, 28.15N-54.13E, h14km, 11km, ML3.2

ISC 30 02:07:17.2.0.9, 27.32N-0.08S, 45.00E, 0.05, h10km, n20, s=133/26, mb3.6/4, South Iran

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like GHIR Ghir-Karzin, KRBR Kerman, NASN Na'in, etc.

HEL 30 02:29:36.2.0.2, 67.82N-20.15E, ML1.7, ML1.0(UPP), ML1.5(BE/F), Explosion

BER 30 02:29:36.9.4.4, 67.80N-20.17E, ML1.5, Suspected explosion

ISC 30 02:29:35.1.0.5, 67.81N-0.03-20.14E, 0.08, n14, s=193/22, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like NIKU Nikaluokta, DUNU Dundret, MASU Masugnbyn, etc.

Table with columns: MELS Mels, MORB Mori Rana, KEV Kevo, KEUL Oulu, NNS Namsos, etc.

NEIC 30 02:43:32.9.3, 32.68S-71.66W, h36km, MD3.5(GUC), After GUC

ISC 30 02:43:32.9.0.8, 32.68S-71.66W, h36km, 4km, MD3.5, ML2.6, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like LCCH Las Cruces, JACH Jahuel, RCDM Rinconada Maip, etc.

NEIC 30 03:10:05.0.1, 64.15N-94.33W, h93km, MD3.9(MEX), After MEX

MEX 30 03:10:03.7.1.2, 16.54N-94.37W, h113km, 18km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like CMIG Matias Romero, TUIG Tuzandepelt, HUIG Huatulco, etc.

JMA 30 03:27:08.5.0.1, 38.46N-142.16E, h50km, 1km, M3.6, 1C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like JIO Ouri, OFJU Ofunato, JMK Ichinoseki, etc.

JMA 30 03:29:38.1.0.4, 24.04N-121.08E, h92km, M3.0, TAP 30 03:29:39.2, 23.93N-121.13E, h12km, 1km, ML3.6, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like YOJ Yonaguni jima, YOF Iriomote-Funau, HATJ Hateruma jima, etc.

PRU 30 03:32:39.9.51.44N-16.11E, WAR 30 03:32:39.5.1.50N-16.09E, ML2.7, Mining Indonesia

ISC 30 03:32:38.3.1.2, 51.44N-16.02E, 0.06, n9, s=109/19, Poland

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

LEDBW 30 03:33:50.4.0.2, 47.64N-7.74E, h15km, 1km, ML1.5, Error ellipse: s-maj=6.0km, s-min=2.0km, az=72.0

LDG 30 03:33:50.1.0.1, 47.63N-7.73E, h2km, Md1.9/1, M11.8/4, Error ellipse: s-maj=1.8km, s-min=1.0km, az=96.0

ZUR 30 03:33:50.3.47.63N-7.74E, h16km, ML 1.1/7, ISC 30 03:33:50.5.0.4, 47.64N-0.03-7.74E, 0.04, h16km, n14, s=454/23, 7C, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like SULZ Sulz-Chesache, SULZ Sulz.

Table with columns: BALST Balsthal, KIZ Kirchzarten, BOURR Bourrighan, SLE Schleitheim, FLACH Flach, HINF Hinterfeld, TRULL Truellikon, STEIN Stein am Rhein, SIBS Singen-Sch Ber, CDF Champ du Feu, HAU Haudompre, CABF La Chapelle, CABF Maizieres J'vi.

STR 30 04:04:05.2.0.2, 42.32N-2.14E, h5km, 1km, ML2.6, Error ellipse: s-maj=0.0km, s-min=0.0km, az=1.0

NEIC 30 04:04:05.2.42.32N-2.14E, h5km, ML2.8(LDG), ML2.6(STR), ML2.0(MRB), ML2.3(MDD), After STR

MDD 30 04:04:05.9.0.2, 42.33N-2.16E, h1km, 3km, mbLQ2/2/22, Error ellipse: s-maj=1.8km, s-min=1.6km, az=0.0, PFRIMO Aftershock PLICA

LDG 30 04:04:05.9.0.2, 42.34N-2.14E, h7km, Md3.0/1, M12.8/18, Error ellipse: s-maj=3.1km, s-min=1.8km, az=160.0

ISC 30 04:04:04.1.0.3, 42.37N-0.02-2.20E, 0.02, h9km, 2km, n70, s=1942/131, 2C, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like CBRU Bruguera, VALF Valcebollere, CLLI Llivia, CLLI Llivia, CLLI Llivia, etc.

SJAF Saint Jean de, SJAF Saint Jean de, LPEF Le Peyrat, LPEF Le Peyrat, LRFD Laroque-de-Fa, LRFD Laroque-de-Fa, etc.

EMIR Mirale, EMIR Mirale, GRBF Goursbit, CSOR Sort, CSOR Sort, SALF Salau, SALF Salau, MTLF Montoliou, MTLF Montoliou, etc.

MLF Moulis, MLS Moulis, MLS Moulis, MELF Melles, MELF Melles, MELF Melles, CAVN Les Avelananes, CAVN Les Avelananes, EPOB Poblet, EPOB Poblet, etc.

CGAR Garraf, RESF Ens, RESF Ens, RESF Ens, EPF Esparrros, EPF Esparrros, EPF Esparrros, VIEF Viey, VIEF Viey, VIEF Viey, LABF Labassere, LABF Labassere, LABF Labassere, EBR Ebro Roquetes, EBR Ebro Roquetes, EBR Ebro Roquetes, MONT Montagne du Re, MONT Montagne du Re, MONT Montagne du Re, etc.

ESAC Esac, ESAC Esac, ESAC Esac, ESAC Esac, FDF Les Forges d'A, FDF Les Forges d'A, LASF Les Forges d'A, LASF Les Forges d'A, ETSF Etsaut, ETSF Etsaut, ATE Arette, ATE Arette, LARF Larrau, LARF Larrau, CAF Calviac, CAF Calviac, CAF Calviac, SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, LFF La Frestale, LFF La Frestale, LFF La Frestale, etc.

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WEL 30 09:02:18.1±0.6, 36.84S, 177.46E, h218km, gm, ML3.7/1, Error ellipse: s-maj=8.2km s-min=6.8km az=90.0, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PUZ	Puketiti	1.38	153	PN	09 02 52.3	-0.5
PUZ	Puketiti	1.38	153	SN	09 03 19.1	0.0
URZ	Urewera	1.44	191	PN	09 02 53.0	-0.3
URZ	Urewera	1.44	191	SN	09 03 20.2	-0.3
MWZ	Matawai	1.49	178	PN	09 02 53.5	-0.2
MWZ	Matawai	1.49	178	SN	09 03 20.9	-0.3
KNZ	Kokohu	2.18	176	PN	09 03 00.1	0.0
KNZ	Kokohu	2.18	176	SN	09 03 30.7	-2.0

IDC 30 09:23:27.1±30.0, 4.37N, 127.12E, mb3.5/3, mb1 3.7/3, mb1mx3.4/1.7, Error ellipse: s-maj=508.0km s-min=165.4km az=161.0, Talaud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	25.18	164	Op	09 28 54.5	-1.5
ASAR	Alice Springs	28.64	167	P	09 29 25.8	-1.9
STKA	Stevens Creek	38.59	160	P	09 30 51.9	-1.9

HEL 30 09:39:28.9±0.2, 59.68N, 22.34E, ML2.0, ML2.5(UPP), ML2.2(AO), Explosion

IDC 30 09:39:29.4±1.9, 59.78N, 22.37E, mb1 3.0/4, mb1mx2.9/2.0, ML2.6/4, Error ellipse: s-maj=26.1km s-min=7.9km az=160.0

BER 30 09:39:30.7±3.1, 59.90N, 22.39E, ML2.2(NAO), Suspected explosion

NAO 30 09:39:31.7±2.7, 60.09N, 22.21E, ML2.2

ISC 30 09:39:28.0±0.6, 59.73N, 0.05±22.29E, 0.06, n23, c0894/39, Baltic States - Belarus - Northwest Russia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AAL	Aland	1.24	292	Op	09 39 51.0	-1.0
AAI	Aland	1.24	292	Op	09 40 07.4	-1.0
NRTU	Norrtaälje	1.86	270	eS	09 40 02.0	+0.6
PVF	Pernaja	1.97	64	eS	09 40 02.9	0.0
PVF	Pernaja	1.97	64	eS	09 40 27.4	-1.2
PVF	Pernaja	1.97	64	MSG	09 40 31.6	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GRAU	Graseoe	1.98	290	eP	09 40 03.5	+0.4
GRAU	Graseoe	1.98	290	eS	09 40 30.1	+1.1
NYNU	Nyneaeham	2.31	254	eP	09 40 09.1	+1.3
FAIO	Finess Array S	2.54	46	eP	09 40 11.4	+0.2
FAIO	Finess Array S	2.54	46	eS	09 40 43.5	+0.3
FAIO	Finess Array S	2.54	46	MSG	09 40 45.5	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FAIO	Finess Array S	2.54	46	Pn	09 40 11.7	+0.6
FAIO	Finess Array S	2.54	46	Lg	09 40 43.7	
FAIO	Finess Array S	2.54	46	Rg	09 40 58.5	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FINES	Finess Array B	2.54	46	Pn	09 40 11.7	+0.6
FINES	Finess Array B	2.54	46	Pn	09 40 44.2	+1.0
FINES	Finess Array B	2.54	46	Rg	09 40 59.2	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
IGGU	Igsoen	2.73	297	eP	09 40 13.7	-0.1
KEF	Keuruu	2.75	26	eP	09 40 15.1	+0.9
KEF	Keuruu	2.75	26	eS	09 40 48.9	+0.3
VJF	Virojoki	2.76	71	eP	09 40 13.7	-0.5
VJF	Virojoki	2.76	71	eP	09 40 47.5	-1.2
KAF	Kangasniemi	3.09	38	eP	09 40 19.5	+0.5
KAF	Kangasniemi	3.09	38	eS	09 40 57.9	+0.7
VIKU	Vikolandelat	3.13	249	eP	09 40 20.3	+0.7
VAF	Vylstaro	3.33	3	eP	09 41 03.4	+0.1
SUF	Sumiainen	3.54	30	eS	09 40 48.5	-0.4
SUF	Sumiainen	3.54	30	eS	09 41 03.8	-0.2
OSKU	Oskarshamm	4.13	235	eP	09 40 34.0	+0.3
HFS	Hagfors	4.34	279	eP	09 40 36.7	-0.1
HFS	Hagfors	4.34	279	eS	09 41 44.8	-7.9
HFS	Hagfors	4.34	279	Sg	09 41 36.9	+0.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HFS	Hagfors	4.34	279	Pg	09 40 45.1	-1.0
HFS	Hagfors	4.34	279	Pg	09 41 27.7	-1.3
HFS	Hagfors	4.34	279	Lg	09 41 45.0	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HFS	Hagfors	4.34	279	Pn	09 40 36.7	-0.1
HFS	Hagfors	4.34	279	Lg	09 41 44.8	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NOA	NORSAR Array B	5.65	288	Pn	09 40 52.5	-2.8
NOA	NORSAR Array B	5.65	288	Pn	09 42 21.6	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ARA0	ARCESS Array S	9.94	7	Pn	09 41 49.5	-5.6
ARA0	ARCESS Array S	9.94	7	Sn	09 43 35.6	-13

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ARA0	ARCESS Array S	9.94	7	eP	09 41 49.5	-5.6
ARA0	ARCESS Array S	9.94	7	eS	09 43 35.6	-13
ARCES	ARCESS Array B	9.94	7	Pn	09 41 49.8	-5.3
ARCES	ARCESS Array B	9.94	7	Sn	09 43 35.8	-13

ISK 30 09:42:29.4, 39.64N, 38.51E, h5km, MD4.3, ML4.3

MOS 30 09:42:30.0±2.2, 39.61N, 38.57E, h10km, mb4.3/7, Error ellipse: s-maj=1.5km s-min=7.6km az=94.3

NEIC 30 09:42:32.7±0.4, 39.61N, 38.63E, h15km, mb4.3/19, Error ellipse: s-maj=8.7km s-min=6.2km az=179.0

IDC 30 09:42:34.0±1.1, 39.67N, 38.17E, mb4.0/6, mb4.1/1.1, mb1mx3.9/2.5, ML4.1/4, MS3.3/8, Ms1 3.3/8, ms1mx3.0/2.3, Error ellipse: s-maj=19.2km s-min=14.8km az=24.0

ISC 30 09:42:31.1±0.3, 39.63N, 0.03±38.54E, 0.03, h5km, n98, c1334/101, mb4.1/2.5, MS3.2/6, OC, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PTK	Pertek	0.99	138	Op	09 42 49.7	-1.2
PTK	Pertek	0.99	138	Op	09 43 04.9	-0.8
ECC	Ertincan	0.99	83	iPG	09 42 42.9	-8.7
GUMT	Gumushane	1.10	41	PN	09 42 50.9	-2.2
SVSK	Karacayir	1.22	284	PN	09 42 52.5	-2.3
SVSK	Karacayir	1.22	284	Pn	09 42 52.7	-2.1
SVSK	Karacayir	1.22	284	Sg	09 43 01.6	-1.0
MYA	Malataya	1.30	184	iPN	09 42 54.7	-1.2
MYA	Malataya	1.30	184	Pn	09 42 55.0	-0.9
TOKT	Tokat	1.68	295	PN	09 43 01.2	-0.1
TOKT	Tokat	1.68	295	Pn	09 43 00.5	-0.8
BINT	Bingol	1.69	116	iPN	09 43 02.4	+0.9
BINT	Bingol	1.69	116	Pn	09 43 01.6	-0.1
DIY	Diyarbakir	2.17	142	ePN	09 43 08.7	+0.3
DIY	Diyarbakir	2.17	142	Pn	09 43 08.6	+0.2
EZM	Erzurum	2.20	82	PN	09 43 09.0	+0.3
BNN	Bunyan	2.23	251	ePN	09 43 09.0	-0.2
BNN	Bunyan	2.23	251	Pn	09 43 01.5	-0.6
VRT	Varto	2.37	101	ePN	09 43 11.5	+0.2
VRT	Varto	2.37	101	Pn	09 43 11.4	+0.1
YOZ	Yozgat	2.48	271	PN	09 43 12.7	-0.1
YOZ	Yozgat	2.48	271	Pn	09 43 12.2	-0.6
GAZ	Gaziantep	2.65	203	PN	09 43 15.3	-0.1
NG	Nigde	3.42	245	Pn	09 43 24.5	-0.6
TOS	Tosya	3.73	294	Pn	09 43 29.6	-0.9
KAMT	Kaman	3.74	268	Pn	09 43 30.0	-0.7
BRTR	Keskin Array B	3.78	273	Pn	09 43 30.3	-1.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BRTR	Keskin Array B	3.78	273	Lg	09 44 26.2	
BRTR	Keskin Array B	3.78	273	Pn	09 43 30.3	-1.0
BRTR	Keskin Array B	3.78	273	Pmax	09 43 30.3	-1.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HTY	Hatay	3.98	209	Pn	09 43 34.3	+0.2
SOC	Sochi	4.05	12	iP	09 43 35.8	+0.6

SOC	Sochi	4.05	12	eS	09 44 23.9	+0.3
SOC	Sochi	4.05 <th>12</th> <td>Pmax</td> <td></td> <td></td>	12	Pmax		
SOC	Sochi	4.05 <th>12</th> <td>Pmax</td> <td></td> <td></td>	12	Pmax		
SOC	Sochi	4.05 <th>12</th> <td>Pmax</td> <td></td> <td></td>	12	Pmax		
SOC	Sochi	4.05 <th>12</th> <td>MLR</td> <td></td> <td></td>	12	MLR		
SOC	Sochi	4.05 <th>12</th> <td>MLR</td> <td></td> <td></td>	12	MLR		
SOC	Sochi	4.05 <th>12</th> <td>MLR</td> <td></td> <td></td>	12	MLR		
SOC	Sochi	4.05 <th>12</th> <td>MLR</td> <td></td> <td></td>	12	MLR		

GNI	Garni	4.80	82	eP	09 43 42.2	-3.6
GNI	Garni	4.80 <th>82</th> <td>ePn</td> <td></td> <td></td>	82	ePn		
GNI	Garni	4.80 <th>82</th> <td>ePn</td> <td></td> <td></td>	82	ePn		
GNI	Garni	4.80 <th>82</th> <td>ePn</td> <td></td> <td></td>	82	ePn		
GNI	Garni	4.80 <th>82</th> <td>eS</td> <td></td> <td></td>	82	eS		
GNI	Garni	4.80 <th>82</th> <td>Pmax</td> <td></td> <td></td>	82	Pmax		

ANN	Anniston	6.25	330	P	09 44 18.0	+1.2
ANN	Anniston	6.25	330	Pmax		
ANN	Anniston	6.25	330	Pmax		
ANN	Anniston	6.25	330	Pmax		
ANN	Anniston	6.25	330	Pmax		
ANN	Anniston	6.25	330	Pmax		

KIV	Kislovodsk	5.32	34	eP	09 43 49.5	-3.7
KIV	Kislovodsk <td>5.32 <th>34</th> <td>eP</td> <td></td> <td></td> </td>	5.32 <th>34</th> <td>eP</td> <td></td> <td></td>	34	eP		
KIV	Kislovodsk <td>5.32 <th>34</th> <td>eP</td> <td></td> <td></td> </td>	5.32 <th>34</th> <td>eP</td> <td></td> <td></td>	34	eP		
KIV	Kislovodsk <td>5.32 <th>34</th> <td>eP</td> <td></td> <td></td> </td>	5.32 <th>34</th> <td>eP</td> <td></td> <td></td>	34	eP		
KIV	Kislovodsk <td>5.32 <th>34</th> <td>eP</td> <td></td> <td></td> </td>	5.32 <th>34</th> <td>eP</td> <td></td> <td></td>	34	eP		
KIV	Kislovodsk <td>5.32 <th>34</th> <td>eP</td> <td></td> <td></td> </td>	5.32 <th>34</th> <td>eP</td> <td></td> <td></td>	34	eP		

GOFT	Goftskoye	6.37	30	eP	09 44 08.0	+0.1
GOFT	Goftskoye	6.37 <th>30</th> <td>eS</td> <td></td> <td></td>	30	eS		
GOFT	Goftskoye	6.37 <th>30</th> <td>eS</td> <td></td> <td></td>	30	eS		
GOFT	Goftskoye	6.37 <th>30</th> <td>eS</td> <td></td> <td></td>	30	eS		
GOFT	Goftskoye	6.37 <th>30</th> <td>eS</td> <td></td> <td></td>	30	eS		
GOFT	Goftskoye	6.37 <th>30</th> <td>eS</td> <td></td> <td></td>	30	eS		

ISP	Isparta	6.52	257	P	09 44 05.2	-4.9
ISP	Isparta	6.52	257	ePn		
ISP	Isparta	6.52	257	ePn		
ISP	Isparta	6.52	257	ePn		
ISP	Isparta	6.52	257	ePn		
ISP	Isparta	6.52	257	ePn		

MLR	Muntele Rosu	10.98	306	Pn	09 45 09.7	-2.1
MLR	Muntele Rosu	10.98	306	Pn		
MLR	Muntele Rosu	10.98	306	Pn		
MLR	Muntele Rosu	10.98	306	Pn		

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

MAN 30 10:11:10.7, 8.79N, 122.46E, h14km, mb4.0, ML2.7, MS2.4, Mindanao

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

HEL 30 10:20:09.7, 0.4, 59.70N, 22.31E, ML1.9, ML2.0(UPP), ML2.1(NAO), Explosion

ICD 30 10:20:12.8, 2.7, 60.13N, 22.17E, ML2.1, ML2.2, 5.9, 95N, 22.34E, ML2.1(NAO), Suspected explosion

ICD 30 10:20:08.6, 0.8, 59.72N, 0.06, 22.28E, 0.06, n26, c190/39, Baltic States - Belarus - Northwestern Russia

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

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

ICD 30 10:20:00.6, 7.5, 18.73S, 177.86W, mb3.3/3, mb1 3.6/3, mb1mx3.5/12, Error ellipse: s-maj=327.0km

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

WEL 30 10:24:17.5, 0.7, 35.58S, 178.95E, h232km, 15km, ML3.7/4, east coast of North Island

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

NIC 30 10:31:30.4, 0.3, 36.99N, 31.25E, h25km, mb4.2, ML3.8, MWV, 3

ISK 30 10:31:32.2, 35.89N, 30.76E, h74km, MD3.6, ML3.5, ICD 30 10:31:33.7, 3.4, 35.96N, 30.56E, h82km, 26km, mb3.7/3, mb1 3.7/6, mb1mx3.4/20, ML3.5/3, Error ellipse: s-maj=48.3km s-min=12.4km az=149.0

NEIC 30 10:31:34.0, 0.7, 35.89N, 30.64E, h70km, 13km, Error ellipse: s-maj=13.6km s-min=8.1km az=57.0

ICD 30 10:31:32.8, 0.4, 35.89N, 0.03, 30.66E, 0.05, h80km, 8km, n47, c1920/57, mb3.8/3, 1D, Eastern Mediterranean Sea

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

MAN 30 10:11:10.7, 8.79N, 122.46E, h14km, mb4.0, ML2.7, MS2.4, Mindanao

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

HEL 30 10:20:09.7, 0.4, 59.70N, 22.31E, ML1.9, ML2.0(UPP), ML2.1(NAO), Explosion

ICD 30 10:20:12.8, 2.7, 60.13N, 22.17E, ML2.1, ML2.2, 5.9, 95N, 22.34E, ML2.1(NAO), Suspected explosion

ICD 30 10:20:08.6, 0.8, 59.72N, 0.06, 22.28E, 0.06, n26, c190/39, Baltic States - Belarus - Northwestern Russia

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

NIED 30 10:33:00.26, 50N, 129.00E, h23km, Mw3.7 Best double couple: M4.16x10^14 NP1, 354, 880, lambda, 127. NP2: lambda, 638, lambda, 16

JMA 30 10:33:52.4, 0.2, 26.51N, 128.95E, h41km, 4km, M3.6,

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

NEIC 30 10:40:34.2, 30.54S, 72.17W, h37km, MD3.9(GUC), After GUC

GUC 30 10:40:34.2, 0.7, 30.54S, 72.17W, h37km, 4km, MD3.9, ML3.8, 3C-1D, Off coast of central Chile

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

NAO 30 10:53:51.8, 3.0, 60.90N, 29.04E, ML2.5, ML2.5(NAO), Explosion

BER 30 10:53:53.9, 2.9, 60.92N, 28.98E, ML2.5(NAO), Suspected explosion

ICD 30 10:53:55.0, 1.8, 61.02N, 28.89E, mb1 3.3/3, mb1mx3.1/18, ML2.5/3, Error ellipse: s-maj=16.0km s-min=10.1km az=157.0

ICD 30 10:53:49.3, 1.3, 60.89N, 0.05, 29.3E, 0.1, n16, c1937/30, Baltic States - Belarus - Northwestern Russia

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

MAN 30 10:11:10.7, 8.79N, 122.46E, h14km, mb4.0, ML2.7, MS2.4, Mindanao

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

HEL 30 11:05:50.4, 0.3, 59.64N, 22.34E, ML2.0, ML2.3(UPP), ML2.1(NAO), Explosion

ICD 30 11:05:52.5, 1.6, 59.33N, 22.18E, mb1 2.9/4, mb1mx2.8/19, ML2.5/4, Error ellipse: s-maj=22.1km s-min=7.6km az=162.0

NAO 30 11:05:53.8, 2.4, 60.13N, 22.18E, ML2.1, ML2.2, 5.9, 95N, 22.34E, ML2.1(NAO), Suspected explosion

ICD 30 11:05:49.8, 0.7, 59.72N, 0.06, 22.29E, 0.06, n25, c089/38, Baltic States - Belarus - Northwestern Russia

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAL Aland, NRTU Norrtälje, GRAU Graeseo, etc.

STR 30 11:27:03.02.0.2, 48.02Nk7.28E, h10km, 1km, M2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LEDBW 30 11:27:03.7.0.2, 48.00Nk7.34E, h8km, 3km, ML1.9, Error ellipse: s-maj=2.0km s-min=2.0km az=5.0

NEIC 30 11:27:04.0.48.01Nk7.31E, h6km, ML2.6(LDG), ML2.1(STR), After LDC.

LDG 30 11:27:04.0.1.48.01Nk7.31E, h6km, M2.6/2, M2.6/1, Error ellipse: s-maj=1.4km s-min=1.0km az=144.0

BGR 30 11:27:04.2.0.3, 48.01Nk7.33E, h7km, ML1.2/1, Error ellipse: s-maj=3.3km s-min=2.2km az=143.0

ISC 30 11:27:03.2.0.4, 48.00Nk7.34E, h7km, 6km, n31, a0570/52, 5C-3D, Switzerland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOF Molkenrain, LIBD Limburg, KIZ Kirchzarten, etc.

MAN 30 11:54:06.5, 18.94Nk121.14E, h13km, mb4.5, ML3.4, M53.3, 2D, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PIP Pasuquin, APYV Conner, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABRA Dolores, CVP Callao Caves, CAUP Cauayan.

HEL 30 11:55:59.5.0.2, 59.67Nk22.31E, ML1.9, ML2.4(UPP), ML2.1(NAO), Explosion

BER 30 11:55:59.7.3.9, 59.79Nk22.46E, ML2.1(NAO), Suspected explosion

IDC 30 11:56:01.2.1.6, 59.92Nk22.27E, mb1 2.8/4, mb1mx2.8/20, ML2.5/4, Error ellipse: s-maj=22.3km s-min=7.6km az=162.0

NAO 30 11:56:02.1.2.8, 60.08Nk22.20E, ML2.1, ISC 30 11:55:58.3.0.5, 59.70Nk0.05, 22.32E, n05, n25, a0991/41, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAL Aland, NRTU Norrtälje, BACU Backbrunna, etc.

NAO 30 12:03:35.1.4.3, 59.46Nk4.81E, ML2.5, BER 30 12:03:40.6.1.4, 60.08Nk4.73E, MD2.0, ML1.8, ML2.5(NAO), Suspected explosion

ISC 30 12:03:39.1.0.9, 60.08Nk0.03, 4.8E, n0.1, n13, a1923/22, 1C, Southern Norway

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EGD Espengrend, BER Bergen, RUND Rundenannen, etc.

NAO 30 12:10:17.1.7.6, 59.81Nk4.66E, h10km, 38km, ML2.5, BER 30 12:10:19.5.3.9, 60.08Nk4.67E, MD2.2, ML2.0, ML2.5(NAO), Suspected explosion

ISC 30 12:10:16.9.1.1, 60.07Nk0.03, 4.5E, n0.1, n12, a098/20, 1C, Southern Norway

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EGD Espengrend, RUND Rundenannen, KMY Karmoy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BLSS comp=Z,58nm,0.3s, HYA Hoyanger, FOO Floro, etc.

MAN 30 12:13:01.15.37Nk119.80E, h36km, mb5.0, ML3.9, MS4.0, MAN Intensity III Clark Air Base Intensity I Quezon City, IDC 30 12:13:05.6.1.7, 15.25Nk120.16E, h107km, 17km, mb3.6/10, mb1 3.7/10, mb1mx3.6/19, MS3.0/1, Ms1 3.2/1, ms1mx2.4/19, Error ellipse: s-maj=35.3km s-min=15.1km az=61.0

NEIC 30 12:13:05.6.1.1, 15.26Nk120.19E, h107km, km, mb4.2/1, Error ellipse: s-maj=16.7km s-min=8.0km az=57.0

NEIC Felt (III PIVS) at Clark Field and (I PIVS) at Quezon City, ISC 30 12:13:01.2.0.5, 15.38Nk0.03, 119.89E, n0.06, h71km, 5km, n41, a1924/50, mb3.8/10, 2C-4D, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCZP Santa Cruz, BOLP Bolinao, BCPH Baguio City, etc.

ISC 30 12:26:26.1.43.0, 14.06S, 178.21E, mb3.9, mb1 4.1/3, mb1mx3.8/12, Error ellipse: s-maj=767.0km s-min=144.0km az=72.0

ISC 30 12:28:07.0.2.7, 18.1S, 0.2k, 167.3E, n0.4, h62km, 56km, n8, a0569/11, mb3.9/4, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BKM Butte a Klehm, DZM Mont Dzumac, NOUC Port Laguerre, etc.

BER 30 12:36:34.6.4.0, 59.94Nk25.64E, ML2.3(NAO), Suspected explosion

NAO 30 12:36:35.5.4.5, 60.08Nk25.32E, ML2.3, HEL 30 12:36:38.0.1.0, 60.17Nk25.22E, ML1.7, ML2.0(UPP), ML2.3(NAO), Explosion

ISC 30 12:36:36.8.0.5, 60.18Nk0.03, 25.25E, n0.06, n22, a0973/35, Finland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PVF Pernaja, VJF Virojoki, FIAO FINES Array S, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JUIV, VC1, ULBA, etc.

NEIC 30 12:48:36.9, 35.20S; 72.55W, ML3.3(GUC), After GUC.

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

ICD 30 12:49:56.5, 1.32, 14N; 130.96E, h107km, 6km, mb3.4/5,

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

NIED 30 12:57:00, 33.00N; 136.90E, h11km, Mw3.8 Best double

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TK01, TK02, Kozaga, etc.

HEL 30 13:04:36.5, 0.2, 59.63N; 22.28E, ML2.0, ML2.4(UPP),

NAO 30 13:04:40.5, 1.4, 60.28N; 21.93E, ML2.2

ICD 30 13:04:35.4, 0.7, 59.61N; 0.06, 22.27E; 0.06, n21, s1902/34,

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

ICD 30 13:06:51.4, 3.3, 32.07N; 84.47E, mb4.1/3, mb1 4.1/4,

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

BJI 30 13:09:01.9, 42.90N; 1.50W, h2km, mb4.8, Ms2.5

NEIC 30 13:09:06.0, 0.8, 42.90N; 1.61W, mb3.9/13, mb1 4.1/20,

NEIC 30 13:09:06.0, 0.7, 42.87N; 1.53W, h2km, 5km, mb4.3/6,

NEIC Felt [I] at Lerruz, Lizain, Nagore, Otano and Pamplona;

ZUR_RM 30 13:09:05, 42.87N; 1.53W, h6km, Mw4.1/21, Moment

STR 30 13:09:05.9, 0.4, 42.77N; 1.45W, h10km, 1km, Mb3.2

CSEM 30 13:09:06, 1, 42.72N; 1.53W, h2km, ML4.6

IAG 30 13:09:06, 42.86N; 1.53W, h8km, Mw4.0, Moment

MDD 30 13:09:07.5, 0.2, 42.84N; 1.44W, h6km, 2km, mbLg3.9/43

PAMPLONA OTANO MONREAL II-III URTASUN II

MDD EMS: IV IN URROZ. MOS 30 13:09:07.3, 1.4, 43.11N; 1.39W, h10km, mb3.9/8, Error

EXP A Pamplona SNR=7.9 0.10 200 Pg Sg 13 09 10.1 +1.2

EXP A Alkuruntz 2um,0.4s,SNR=18 0.32 10 lPg Sg 13 09 14.7 +0.9

SJPF St Jean 0.33 51 ePg Pg 13 09 13.5 +2.1

OSSF Osse 0.42 33 Pg Pg 13 09 15.4 +2.3

LARF Larrau 0.46 73 Pg Pg 13 09 14.4 +0.6

ORDF Ordiarp 0.56 57 Pg Pg 13 09 20.8 +0.8

ATE Arette 0.67 74 P Pg 13 09 18.2 +0.4

Les Forges d'A 0.75 96 Pg Pg 13 09 18.6 -1.0

ETSF Etsaut 0.75 90 ePg Pg 13 09 18.9 -0.7

REVF Montagne du Re 0.89 79 Pg Pg 13 09 21.5 -0.8

VIEW Viey 1.18 90 Pg Pg 13 09 26.9 -1.2

LABF Labassere 1.22 83 Pg Pg 13 09 41.5 -0.1

ELAN Lanestosa 1.40 284 lPg Pn 13 09 34.9 +4.7

ENS Ens 1.41 93 Pg Pg 13 09 56.0 -1.8

ESAP San Caprisio 1.44 145 lPg Pg 13 09 31.0 -2.3

MELF Melles 1.72 90 Pn Pn 13 09 37.4 +2.7

Mouls 1.96 88 Pn Pn 13 09 41.7 +3.5

Salau 2.04 93 Pn Pn 13 10 08.3 -4.2

ETORE Torete 2.11 190 lPg Pn 13 09 41.9 +1.6

Gourbit 2.29 91 Pn Pn 13 10 45.2 +2.3

EMIR Miracle 2.50 112 Pn Pg 13 09 46.3 +0.3

Le Peyrat 2.56 88 Pn Pg 13 09 49.3 +2.5

Ebro Roquetas 2.59 143 ePg Pn 13 09 47.7 +0.4

La Frestale 2.64 39 ePn Sn 13 09 48.5 +0.6

Mosqueruela 2.67 162 Pn Pg 13 09 54.0 -3.8

Arriondas 2.69 280 Pn Pg 13 09 52.6 +4.1

Valcebollere 2.70 99 Pn Pg 13 09 50.3 +1.5

Valcebollere 2.70 99 Pn Pg 13 09 50.4 +1.6

Carcanieres 2.72 93 Pn Pg 13 09 51.7 +2.7

Montiole 2.81 80 ePn Pn 13 09 51.3 +0.9

La Roque-de-Fa 3.02 88 Pn Pn 13 09 55.0 +1.6

Laroue-de-Fa 3.02 88 Pn Pn 13 09 54.8 +1.4

Ile d'Oleron 3.04 3 Pn Pn 13 09 56.4 +2.7

Fillois 3.07 95 Pn Pg 13 09 54.4 +0.4

Fillois 3.07 95 Pn Pg 13 09 54.3 -2.0

Le Rejaudoux 3.28 42 ePn Sn 13 09 58.7 -2.0

Le Rejaudoux 3.28 42 ePn Sn 13 09 58.8 -1.6

Saint Jean de 3.32 96 Pn Pn 13 09 58.4 +0.9

Saint Jean de 3.32 96 Pn Pn 13 09 58.5 +0.1

Calvia 3.32 51 ePn Sn 13 09 57.5 -0.1

La Jonquera 3.33 96 Pn Pg 13 09 58.6 +1.0

La Jonquera 3.33 96 Pn Pg 13 10 06.4 -4.5

Table with columns: GERS, comp=N,3,0nm,0.3s, KHC, Kasperke Hory, 12.23 54 eP, P, 13 12 02.9 +1.3, etc.

Table with columns: NJ2, comp=Z,1,0nm,0.5s, LR, LR, 13 22 03.0 -0.4, etc.

Table with columns: BINT, GUMT, Gumushane, 1.13 297 iSN, Sn, 13 37 56.6 -0.7, etc.

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

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MEX 30 17:11:14.2±0.4, 15.63N:96.37W, h22km±124km, MD3.6, Near coast of Oaxaca

DJA 30 17:12:53.1±1.1, 2.07S:118.09E, h100km, MD4.4/3, ML5.1/4, 6D, Error ellipse: s-maj=41.2km s-min=27.0km

NEIC 30 18:05:56.7±0.5, 43.66N:105.22W, ML3.3, Error ellipse: s-maj=7.9km s-min=5.7km az=134.0, Suspected Mining explosion

ISC 30 18:05:54.9±0.6, 43.67N:104.00W, h105.21W±0.07, n39, a139/41, mb4.3/1, Wyoming

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

STR 30 18:11:34.6±0.4, 42.84N:1.46W, h5km±1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 30 18:11:35.4±0.7, 42.87N:1.49W, h5km, Ml2.3/3, Ml2.3/1, Error ellipse: s-maj=11.4km s-min=7.7km az=58.0

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

IDC 30 18:27:20.9±13.0, 36.27N:78.51E, h114km±137km, mb3.4/3, mb1.3/4, mb1mx3.1/19, ML3.3/1, Error ellipse: s-maj=223.0km s-min=98.6km az=109.0

Error ellipse: s-maj=3.0km s-min=1.8km az=166.0, PRXIMO Aftershock/PLICA LDG 30 22:27:12.2.0.2, 42.36N.2.15E, h4km, Md2.4/3, Ml2.0/8, Error ellipse: s-maj=4.7km s-min=2.4km az=172.0

0.2nm, 0.1s, SNR=4.0

ICD 30 22:50:04.8.6.7, 17.233S-177.06W, mb3.8/3, mb1 4.1/3, mb1mx3.8/13, Error ellipse: s-maj=312.0km s-min=33.6km az=143.0, Fiji Islands region

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Rows include JKRS Kuro-shima, JKRS, JIJ Ishigaki jima, JIJ.

ICD 30 23:06:29.8.2.5, 12.07S-175.91W, mb3.8/3, mb1 4.2/3, mb1mx3.8/13, Error ellipse: s-maj=304.0km s-min=30.2km az=151.0, Samoa Islands region

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, NVAR, TXAR Lajitas Array.

ISK 30 23:18:20.0, 36.87N-27.65E, h9km, MD3.5, ML3.5, ATH 30 23:18:20.0, 36.87N-27.76E, h24km, MD3.4/7, NEIC 30 23:18:22.5, 36.89N-27.57E, h8km, MD3.4(ATH), Ath.

ISC 30 23:18:21.0.0.7, 36.87N.0.03-27.67E.0.04, h11km, 5km, n35, c088/42, Dodecanese Islands

Large table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Rows include BDRM Kayabasi, MLSB Milas, NISR Nisiroi, etc.

ICD 30 23:22:35.7.0.9, 1.42N, 125.70E, mb4.2/8, mb1 4.3/9, mb1mx4.1/17, ML4.1/1, MS3.0/4, Ms1 3.1/4, ms1mx2.8/22, Error ellipse: s-maj=111.0km s-min=14.8km az=69.0

NEIC 30 23:22:45.8.3.6, 1.38N, 125.78E, h85km, 37km, mb4.4/9, Error ellipse: s-maj=33.6km s-min=10.7km az=76.0

ISC 30 23:22:43.6.5.3, 1.4N.0.1, 125.8E.0.3, h61km, 52km, n25, C089/22, mb4.3/16, Northern Molucca Sea

Large table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Rows include TGY Tagayay City, KAKA, FITZ Fitzroy Crossi, WRAB Tannat Creek, etc.

STR 30 23:29:26.0.1, 42.85N.1.46W, h5km, 1km, Ml2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 30 23:29:26.3.0.5, 42.87N.1.51W, h3km, Md2.3/3, Ml1.9/5, Error ellipse: s-maj=7.2km s-min=5.9km az=56.0

MDD 30 23:29:27.1.0.4, 42.85N.1.41W, h5km, 6km, mblg1.5/9, Error ellipse: s-maj=3.2km s-min=2.6km az=33.0, PRXIMO Aftershock/PLICA, Pyrenees

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Rows include SJPF Ste Jean, SJPF, LARF Larrau, LARF, etc.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include VALF Valcebollere, VALF, FILF Fillois, CARF Carcanieres, EJON La Jonquera, etc.

WEL 30 22:35:36.3.0.4, 36.81S-177.32E, h200km, 4km, ML3.6/1, east coast of North Island

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include URZ Urewera, URZ, PUZ Putatiti, MWZ Matawai, etc.

ICD 30 22:41:14.7.2.2, 51.40N-174.77E, mb3.9/5, mb1 4.1/5, mb1mx3.6/24, Error ellipse: s-maj=67.0km s-min=17.6km az=41.0

ISC 30 22:41:16.2.7.2, 51.4N.0.3, 174.6E.0.5, h25km, 48km, n6, c0517/2, mb4.0/5, Near Islands

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include FX1 Atutu Island-F, FX1, PDAR Pinedale Array, ARCES ARCES Array B, etc.

STR 30 22:43:15.1.0.0, 43.35N.0.71W, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 30 22:43:15.7.0.7, 42.89N.1.45W, h5km, Md2.2/3, Ml1.9/1, Error ellipse: s-maj=11.9km s-min=6.8km az=53.0

MDD 30 22:43:16.2.0.6, 42.88N.1.39W, h6km, 13km, mblg1.0/5, Error ellipse: s-maj=5.5km s-min=3.2km az=34.0, PRXIMO Aftershock/PLICA

ISC 30 22:43:14.3.0.9, 42.85N.0.06-1.44W.0.06, h10km, 14km, n8, c0661/14, Pyrenees

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SJPF Ste Jean, SJPF, LARF Larrau, LARF, etc.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR, GERES GERES Array B, etc.

LJU 30 23:04:07.9.45.30N.14.50E, h7km, ML 1.8, NEIC 30 23:04:09.9.45.29N.14.37E, h5km, MD2.8(ROM), ROM 30 23:04:09.8.0.8, 45.29N.14.37E, h5km, MD2.8/4, Ml2.0/3, Error ellipse: s-maj=9.5km s-min=3.8km az=90.0

ISC 30 23:04:07.9.0.5, 45.29N.0.02-14.51E.0.03, h7km, n29, c112/54, 3C-2D, Northwestern Balkan Peninsula

Large table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KNDS Knezi Dol, CEY Cerknica, VISS Visnje, BOJS Bojanci, TRI Trieste, etc.

TAP 30 23:05:54.7.2, 43.24N.121.79E, h14km, 1km, ML3.2, TAP Feit IV J at Nanau, I J at Suao, II J at Nanshan, JMA 30 23:05:54.9.0.3, 24.94N.121.87E, h32km, Ml2.3

ISC 30 23:05:54.6.0.5, 24.40N.0.02-121.89E.0.03, h4km, 4km, n35, c087/54, 4C-4D, Taiwan

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ENA Nanau, TWC Suao, ENTT Nioudou, ENTT Neicheng, etc.

EPF	Esparros	1.30	81	ePn	Pn	23 29 50.4	-1.5
EPF				ePg	Pg	23 29 52.9	-0.2
EPF				eSg	Sg	23 30 10.1	-0.3
4.2nm,0.2s							
ESAC	San Caprasio	1.32	148	Pg	Pg	23 29 51.1	-2.4
8.2nm,0.2s,SNR=6.4							
ESAC				Lg		23 30 09.2	
17nm,0.3s,SNR=4.5							
ELAN	Lanestosa	1.53	285	Pg	Pg	23 29 55.1	-2.5
0.3nm,0.1s,SNR=7.9							
ELAN				Lg		23 30 16.2	
3.0nm,0.4s,SNR=7.9							
ETOR	Torrete	2.08	194	Pn	Pn	23 30 02.0	-1.0
0.6nm,0.2s,SNR=7.9							
ETOR				Pg	Pg	23 30 05.6	-3.0
0.9nm,0.3s,SNR=7.9							
ETOR				Sn	Sn	23 30 27.5	-2.1
1.2nm,0.5s,SNR=4.0							
ETOR				Lg		23 30 32.8	
7.7nm,0.9s,SNR=7.9							
EPOB	Poblet	2.38	128	Pg	Pg	23 30 09.1	-5.5
0.3nm,0.2s,SNR=7.9							
EPOB				Lg		23 30 42.1	
2.9nm,0.7s,SNR=7.9							
EMOS	Mosqueruela	2.58	164	Pg	Pg	23 30 13.3	-5.3
0.3nm,0.3s,SNR=4.0							
EMOS				Lg		23 30 48.7	
2.0nm,0.5s,SNR=7.9							
MTLF	Montolieu	2.71	78	ePn	Pn	23 30 10.5	-1.5
MTLF				ePg	Pg	23 30 18.0	-3.1
MTLF				eSn	Sn	23 30 42.8	-2.7
0.4nm,0.3s							
RJF	Les Rejaudoux	3.24	40	ePn	Pn	23 30 16.1	-3.5
RJF				eSn	Sn	23 30 53.9	-5.2
0.6nm,0.2s							
CAF	Calviac	3.26	49	ePn	Pn	23 30 16.8	-3.1
CAF				eSn	Sn	23 30 54.1	-5.6
0.7nm,0.2s							

CASC 30 23:35:38.0±1.7,12.40N±87.93W,h34km±11km,MD3.5, 6C-1D,Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
CNCH	Conchagua	0.87	61	eP	P	23 35 54.1	+0.3
CNCH				eS	S	23 36 06.9	+1.4
CRIN	San Cristobal	0.91	71	eP	P	23 35 55.3	+1.0
CRIN				eS	S	23 36 08.1	+1.7
LEON	Leon	1.01	89	eP	P	23 35 55.7	+0.1
LEON				eS	S	23 36 08.6	-0.5
TEL3	Telica 3	1.07	81	eP	P	23 35 56.8	+0.2
VSM	San Miguel	1.07	342	eP	P	23 35 57.4	+0.6
VSM				eS	S	23 36 12.5	+1.8
BLLM	Bellamira	1.08	344	eP	P	23 36 00.4	-0.1
BLLM				eS	S	23 36 11.9	+1.1
MIRN	Miramar	1.19	88	eP	P	23 35 58.3	0.0
MIRN				eS	S	23 36 13.1	-0.5
CNGN	Cerro Negro	1.20	85	eP	P	23 35 58.4	-0.2
COPN	Copaltepe	1.32	99	eP	P	23 36 00.4	+0.1
COPN				eS	S	23 36 17.1	+0.1
MOMJ	Momotombo	1.35	90	eP	P	23 36 00.8	0.0
MOMJ				eS	S	23 36 18.1	+0.3
CAHU	Cacacuatique	1.39	349	eP	P	23 36 01.6	+0.3
CAHU				eS	S	23 36 19.9	+1.3
SNVI	San Vicente	1.50	324	eP	P	23 36 03.8	+1.0
SNVI				eS	S	23 36 21.1	-0.3
APYN	Apoyeque	1.55	96	eP	P	23 36 03.3	-0.2
APYN				eS	S	23 36 22.4	-0.3
XAVN	Gruta Xavier	1.58	99	eP	P	23 36 04.9	+0.8
LCBS	La Ceiba	1.61	321	eP	P	23 36 04.8	+0.3
LCBS				eS	S	23 36 23.2	-1.0
LFRS	El Faro	1.64	318	eP	P	23 36 05.0	+0.1
LFRS				eS	S	23 36 24.7	-0.3
MGAN	Managua	1.66	99	eP	P	23 36 04.6	-0.6
MGAN				eS	S	23 36 25.1	-0.4
TICN	Ticuantepe	1.70	102	eP	P	23 36 06.3	+0.6
TICN				eS	S	23 36 25.8	-0.7
LFUJ	La Fuente	1.77	319	eP	P	23 36 07.1	+0.5
BOQS	Boqueron	1.87	315	eP	P	23 36 08.2	+0.1
BOQS				eS	S	23 36 30.8	+0.1

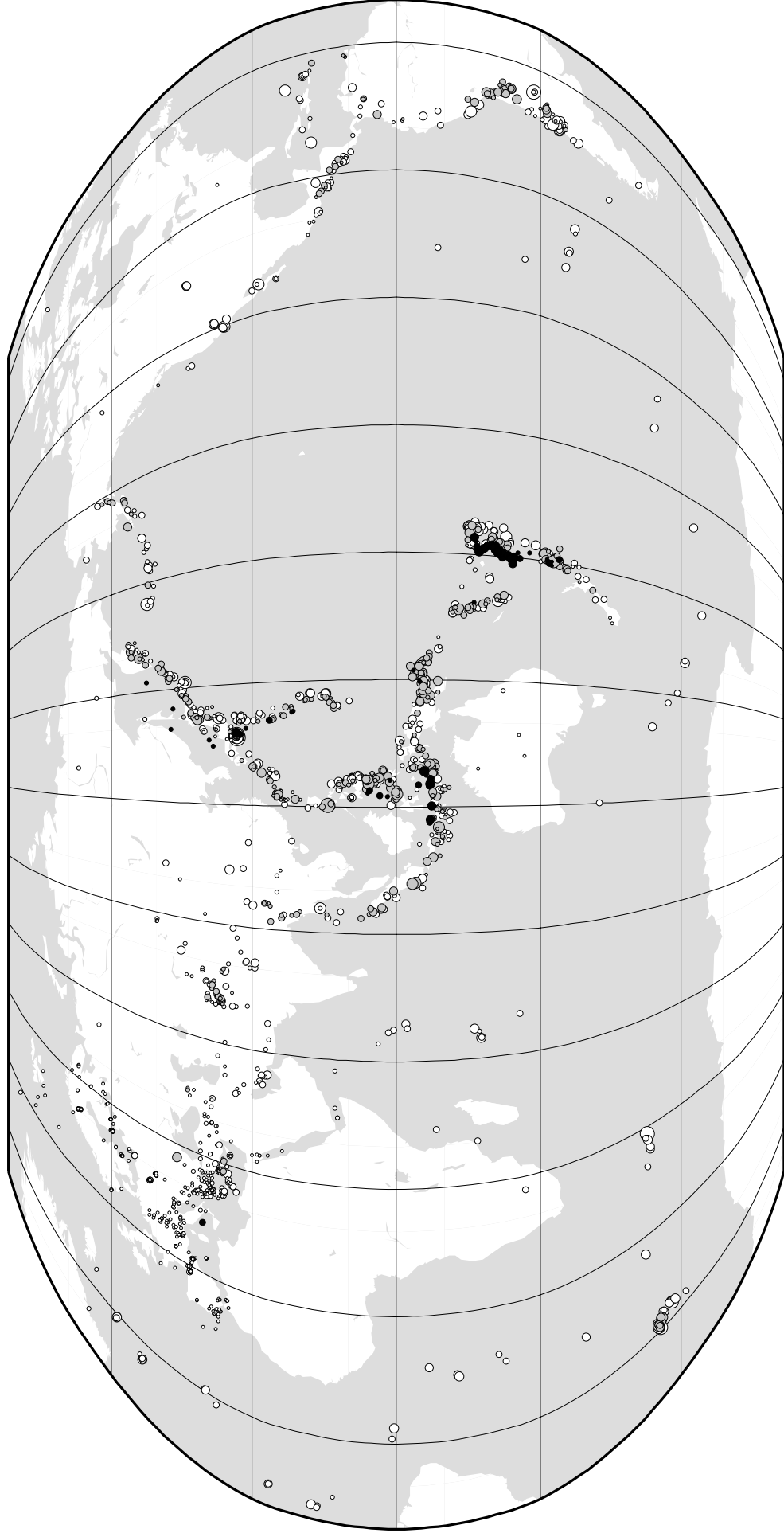
IDC 30 23:38:58.4±1.2,45.69N±147.43E,mb3.8/4,mb1 4.0/4, mb1mx3.5/23,MS3.1/2,Ms1 3.1/2,ms1mx2.7/26,Error ellipse: s-maj=54.6km s-min=26.5km az=110.0 JMA 30 23:39:19.5±0.4,44.87N±148.31E,h164km,M4.0 ISC 30 23:39:16.7±1.0,44.7N,0.2±148.1E±0.2,h226km±12km, n15,±084/21,mb3.4/4,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
NEM2	Nemuro 2	2.21	232	P	P	23 39 59.1	-0.6
NEM2				eS	S	23 40 30.6	-2.3
JRA	Rausu	2.31	251	P	P	23 40 00.0	+0.5
JNK	Nakash	2.72	246	P	P	23 40 05.3	+0.2
JAK	Akkeshi	3.04	236	P	P	23 40 09.3	+0.6
JAK				eS	S	23 40 48.7	-0.3
JTKR	Abashiri-Toko	3.13	257	P	P	23 40 09.9	+0.1
JTKR				eS	S	23 40 50.9	0.0
JAR	Ashorobuto	3.47	247	P	P	23 40 15.2	+1.5
JCH	Churui	4.07	240	P	P	23 40 22.0	+1.1
JCH				eS	S	23 41 11.0	+0.3
JNBK	Urakawa-nobuka	4.63	240	P	P	23 40 28.5	+0.7
JNBK				eS	S	23 41 22.8	-0.2
JKB	Kayabe	5.92	244	P	P	23 40 45.0	+0.9
JKB				eS	S	23 41 52.6	+0.5
JOT	Ohata	6.19	240	P	P	23 40 47.8	+0.3
JOT				eS	S	23 41 56.8	-1.4
ILAR	Eielson Array	40.27	37	P	P	23 46 32.8	0.0
0.5nm,0.5s,mb3.2,baz=232,slow=8.3,SNR=6.3							
INK	Inuvik	45.19	31	P	P	23 47 11.9	-0.2
0.8nm,0.4s,mb3.4,baz=260,slow=6.1,SNR=5.6							
YKA	Yellowknife Ar	54.58	34	LR	LR	00 14 24.6	
comp=Z,17nm,19.0s,baz=220,slow=39							
FINES	FINES Array B	64.31	333	P	P	23 49 28.1	-1.3
1.2nm,0.8s,mb3.6,baz=56,slow=5.0,SNR=7.1							
FINES				LR	LR	00 17 28.4	
comp=Z,16nm,18.7s,baz=323,slow=36							
ASAR	Alice Springs	69.31	194	P	P	23 50 12.4	+1.1
0.5nm,0.5s,mb3.4,baz=11,slow=5.7,SNR=9.3							

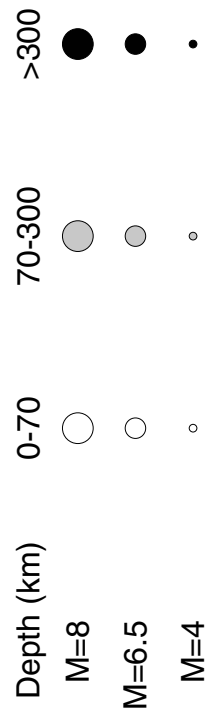
PRE 30 23:59:23.0±0.6,26.39S±29.24E,ML3.6,Explosion, South Africa

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
SLR	Silverton	1.08	307	eP	Pb	23 59 42.7	+1.5
SLR				eS	Sb	23 59 56.6	-2.2
SLR				e		00 00 02.1	
comp=Z,911nm,0.4s							
NWL	Newcastle	1.47	155	eP	Pn	23 59 49.4	-1.4
NWL				eS	Sb	00 00 05.5	-4.6
KSR	Koster	2.17	283	eP	Pn	23 59 59.9	-0.9
KSR				eS	Sn	00 00 27.1	-1.8
KSR				e		00 00 29.6	
comp=Z,730nm,0.2s							

ISC Computed Locations for September 2004



Robinson Projection, centred on 0°N, 130°E



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